

THE GOVERNMENT OF MALAYSIA
THE STATE OF SARAWAK

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MIRI-BINTULU

REGIONAL PLANNING STUDY

SUPPORTING REPORT

No. 10

PROJECT FORMS AND PHASING

—1974—

HUNTING TECHNICAL
SERVICES LTD. LONDON

HOFF AND OVERGAARD
COPENHAGEN

THE GOVERNMENTS OF MALAYSIA AND THE STATE OF SARAWAK

THE PROJECT FORMS

INTRODUCTION

The planning process, from conception of the first stage, the beginning of implementation of a number of individual projects, to a series of stages in which each successive stage builds on the work of the previous one, is formulating the Regional Plan of Sarawak.

MIRI BINTULU REGIONAL PLANNING STUDY

But for the Action Programme, which covers the period 1975 to 1980, the work which has been done in detail of development proposals has been done. The planning process has been taken several stages further. Development in Sarawak will still at least two more planning stages to be gone through before work implementation can be undertaken. Government has to study and approve the Action Programme recommendations in the context of development in the whole State. This study will result in a list of accepted recommendations for implementation. The list will be larger or smaller than the list of recommendations. The implementing agencies then will have to convert the accepted recommendations into their working programmes.

SUPPORTING REPORT

No. 10

PROJECT FORMS AND PHASING

The forms contain summaries of a number of projects characterising the individual projects. All the projects make-up the comprehensive and integrated plans described and reviewed in the Supporting Reports in so far as the period 1975 - 1980 is concerned. By breaking down the plans into their component parts the individual projects are identified. For instance, in the case of a plan to develop a modern agriculture in an area of State Land presently covered with primary forest, the plan would include a number of separate activities, such as logging and clearing the forest, planting rubber, building roads, building houses and schools, and the installation of water supply and utilities. These and many other activities are identified as projects and described, in summary, as they appear in the Action Programme. The way in which the Action Programme breaks down in this way has been done. There are approximately 500 projects. However, not all of the projects are primary. For instance all primary vehicles are not included. Only one Project Form has been prepared for each project. The total number of Project Forms is only about 270.

— 1974 —

HUNTING TECHNICAL
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THE PROJECT FORMS

INTRODUCTION

The planning process, from conception of the first rough ideas to the beginning of implementation of a number of individual projects, consists of a series of stages in which each successive stage refines the details of the previous one. In formulating the Regional Plan which contains general outlooks, rough ideas and principle targets for development covering the period 1970 to 1990 only a few planning stages have been involved. But for the Action Programme, which covers the period 1975 to 1980 and for which considerable more detail of development proposals have been given, the planning process has been taken several stages further. Nevertheless there are still at least two more planning stages to be gone through before implementation can be undertaken. Government has to study and analyse the Action Programme recommendations in the context of development in the whole State. This stage will result in a list of accepted recommendations for immediate implementation. The list could be larger or smaller than the total proposed in the Action Programme. The implementing agencies then still have to incorporate the Governments' accepted recommendations into their working programmes and budgets.

The Action Programme as presented in the Main Report is a balanced programme; the timing and size of each project are designed so that they synchronise and match. The proposed combination of projects is the one, which at this point in time, appears the most suitable. If Government makes changes in the programme it will be important to maintain balance of inputs and the Government planners will require to know the implications of any proposed changes. To provide this information has been one of the main reasons for compiling the Project Forms presented in the Supporting Report.

The Forms contain summarised information on a number of subjects characterising the individual projects. All the projects together make-up the comprehensive and integrated plans described and recommended in the Supporting Reports in so far the period 1975 - 1980 is concerned. By breaking down the plans into their component parts the individual projects are identified. For instance, in the case of a plan to develop to modern agriculture an area of State Land presently covered with virgin forest, the plan would include a number of separate, although integrated, actions such as; logging and clearing the forest, planting the crops, constructing roads, building houses and schools, and the provision of public services and utilities. These and many other separate actions have been identified as projects and described, in summary, on the Project Forms. The Action Programme broken down in this way has been found to consist of approximately 500 projects. However, some of the projects are identical, for instance all primary schools are the same and in these cases only one Project Form has been completed. Thus the total number of Project Forms is only about 270.

The information in the Forms, includes: a description of the project, the estimated costs and revenues for the first 20 years of the project, its inter-relationship and inter-dependence with other projects, the recom-

mended implementing agency as well as the agency responsible for further planning and budgeting of the project. In the Main Report the projects in the Action Programme have been grouped together in tables in two ways; by years (i.e. all projects starting in the same year are brought together) and by location (i.e. all the projects within specified areas are brought together as a Development Package). This presentation of each project together with the individual Project Forms will make easier the future stages of planning for the Government, whether for general development plans or for sectoral (departmental) plans.

In this Supporting Report the Project Forms are arranged according to the year of commencement of the projects and their sectoral and departmental affiliations, and they are numbered consecutively. The form is divided into seven sections, namely:-

1. Identification;
2. Contents;
3. Costs and Revenues;
4. Derived Effects of Implementing the Project;
5. Links with other projects and with Development Packages;
6. Financing;
7. References.

Each of these items is discussed briefly below.

IDENTIFICATION SECTION

The projects are identified by number and name, and by their sectoral and departmental affiliation. On the Form this Section has spaces for each of these items. There are 8 Sectors of the economy to which a project could be allocated:-

1. Agriculture - including market gardening, livestock and fisheries;
2. Forestry;
3. Industries - including mining, building and construction;
4. Private services;
5. Transport;
6. Public services;
7. Public utilities;
8. Housing.

The Sector to which a project is allocated is written in full but for the departmental affiliation the following abbreviations are used. They refer to the public, semi-public and private departments and organisations associated with development.

Department of Agriculture	DA
Land and Survey Department	L & SD
Forest Department	FD
Education Department	ED
Medical Department	MD
Postal Services Department	PSD
Royal Malaysia Police	RMP
Public Works Departments	PWD
Ministry of Communication and Works	MCW
Sarawak Electricity Supply Corporation	SESCO

Department of Telecommunication	TELECOMS
Drainage and Irrigation Department	DID
State Planning Unit	SPU
Resident Office	R and DO
District Council	DC
Sarawak Land Development Board	SLDB
Sarawak Timber Industries Development Corporation	STIDC
Housing and Development Corporation	HDC
Borneo Development Corporation	BDC
National Livestock Corporation	NLC
Agricultural Development Unit	ADU
Private Development Agencies	PRIVATE

The abbreviation RBD is used for road based improvement schemes.

For each project three departmental affiliations are given. The first refers to the agency which is the direct planning authority for the project in question; the second refers to the agency which is responsible for the implementation of the project; and the third to the agency responsible for its budgetting.

CONTENTS SECTION

Here a brief description of the project is given. Care has been taken to indicate the most important price-dependent characteristics, namely size and quality of the project.

COSTS AND REVENUES SECTION

All calculations of costs and revenues have been carried out at 1973 prices. Thus the nominal growth in the cost and revenue levels due to general price increases is not included in the calculations. Such changes will have to be taken into consideration in future planning stages. Calculations based on the figures presented here will only give indications of magnitude in relation to other projects.

The quantities given for Investments refer to that expenditure expected in connection with such items as - road construction, site and land preparation, planting and maintenance of crops till the first harvest, structures and equipment.

This section of the Form includes information on possible economies of scale concerning investment and operating costs and a presentation of the unit (or item) costs and unit (or item) revenues used in the computations of the total costs and revenues.

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

At this stage of the planning process any attempt to describe the derived effects of the projects must leave several questions unanswered. However, further information will become apparent to the planning and implementing agencies as further stages of the planning are undertaken. This further information could be entered into the Forms. The ideal description would be as follows:

First, a description of the main effects on the environment of implementing the project. Generally this would be an explanation of the main purpose of the project. Second, estimates on labour requirements during the construction and operation periods. The number of employed year by year should be stated as full time employed which is defined as eight hours per day for 250 days per year. Third, a short description of input requirements, other than labour, during the construction period and for the operation of the project. This would include the most important raw materials and other basic inputs such as water, fuel and electricity. Fourth, an estimate of the net requirements of foreign exchange. This would be the value of imported materials necessary to implement and run the project, less the export value of commodities produced by the project.

LINK SECTION

Here the inter-relationship between the project described in the Form and other projects is indicated. There have been two objectives in giving this information. First, it has made it possible to build up the Development Packages presented in the Action Programme. Second, to indicate to the Government planners how a change or removal of a project will affect the Action Programme.

FINANCING SECTION

Eight possible sources of finance are listed and the source considered most likely for the particular project is indicated by a cross in the appropriate space. Some projects will have more than one possible source for financing, necessitating more than one cross. The marking of financial possibilities in this way does not give a picture of the overall financing of the whole development but only an indication of possible sources from which the project would normally be financed.

REFERENCES SECTION

Here references are made to the Supporting Reports where the particular project is more fully described.

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

At this stage of the planning process any attempt to describe the derived effects of the project must have several qualifications. However, further information will become apparent to the planning and implementing agencies as further stages of the planning are undertaken. This further information could be entered into the Form. The ideal description would be as follows:

IDENTIFICATION	PROJECT NUMBER: 1	SECTOR: AGRICULTURE
	PLANNING: DEPARTMENT OF AGRICULTURE	IMPLEMENTATION: DEPARTMENT OF AGRICULTURE
	NAME OF PROJECT: Semi-detailed Soil Survey	
CONTENTS	DESCRIPTION: Soil survey teams to carry out semi-detailed soil surveys of land designated as possibly suitable for agriculture. Each team capable of surveying 30 000 acres per annum.	
	TOTAL INVESTMENT COSTS: \$100 000 per 30 000 acres INVESTMENT PERIOD: 1 year	
	INVESTMENT YEAR BY YEAR: 1: \$100 000 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: 1: \$215 000 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Per team		
2 Soil Surveyors \$18 000 Average cost per acre surveyed \$7.00		
4 Soil Survey Assistants \$5 500		
4 Drivers \$2 900		
20 Labourers \$2 100		

DEIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:										
	EMPLOYMENT:										
	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL		
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)											
YEARLY PRODUCTION:											
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:											
1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:	
12:	13:	14:	15:	16:	17:	18:	19:	20:			
LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES											
NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	
LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES											
POSSIBILITIES OF FINANCING:											
1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT	3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES	5:	PUBLIC FUNDS	6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS								
REFERENCES:											
1:		2:		3:		4:		5:			

IDENTIFICATION	PROJECT NUMBER: 2	SECTOR: AGRICULTURE/FORESTRY
	DEPARTMENT: PLANNING: IMPLEMENTATION: BUDGET: L & SD/PD	
CONTENTS	NAME OF PROJECT: Boundary demarcation	
	DESCRIPTION: Delineate boundaries between agricultural and forestry land.	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS:	
	INVESTMENT YEAR BY YEAR:	INVESTMENT PERIOD:
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10:	
	OPERATING COSTS YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Cost per mile - \$4.00	

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT
3: LOCAL GOVERNMENT 4: STATUTORY BODIES
5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS

REFERENCES:

1: 2: 3: 4: 5:

DERIVED EFFECTS OF THE PROJECT

LINKS

FINANCING

REFERENCES

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED
1975	Management		Field workers	Management		Field workers
1976			165			405
1977			256			375
1978						662
1979						692
1980						599

MAIN EFFECTS ON THE ENVIRONMENT:
EMPLOYMENT:

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)
Refer Bukit Peninjau Road Board Improvement Scheme

YEARLY PRODUCTION:
Rubber peak production in year 1975 (850 tons of dry)
Oil palm peak production in year 1981 (74 500 tons of ffb)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

DEIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 2	NAME: Lumir-Subia North Rural Development
NO: 16	NAME: Bukit Peninjau RRD Rural Development
NO: 19	NAME: Bukit Peninjau RRD Operation Project
NO: 1	NAME:
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:
NO: 6	NAME:
NO: 7	NAME:
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:
NO: 11	NAME:
NO: 12	NAME:
NO: 13	NAME:
NO: 14	NAME:
NO: 15	NAME:
NO: 16	NAME:
NO: 17	NAME:
NO: 18	NAME:
NO: 19	NAME:
NO: 20	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT
2:	STATE GOVERNMENT
3:	LOCAL GOVERNMENT
4:	STATUTORY BODIES
5:	PUBLIC FUNDS
6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS
8:	PUBLIC FOREIGN LOANS

REFERENCES:

1:	
2:	
3:	
4:	
5:	

PROJECT NUMBER: 5		SECTOR: AGRICULTURE	
PLANNING:	SLIP	IMPLEMENTATION:	SLIP
NAME OF PROJECT: Clearing, Planting and Operating - LAMBIR-SUBIS NORTH			
DESCRIPTION: Clearing, planting and operating 10 165 acres of crops. Oil palm - 8 295 acres planted in 1970, 71, 72 and 74 Rubber - 1 880 acres planted between 1964 and 1968			
TOTAL INVESTMENT COSTS: \$4,345,000 INVESTMENT PERIOD: 1975 - 1977			
INVESTMENT YEAR BY YEAR: \$'000			
1: \$1 563	2: \$949	3: \$1 533	4: 5:
6:	7:	8:	9: 10:
OPERATING COSTS YEAR BY YEAR: \$'000			
1: \$795	2: \$1 586	3: \$1 712	4: \$2 671
5: \$3 000	6: \$3 091	7: 8:	9: 10:
11:	12:	13:	14: 15:
16:	17:	18:	19: 20:
REVENUES YEAR BY YEAR:			
1:	2:	3:	4: 5:
6:	7:	8:	9: 10:
11:	12:	13:	14: 15:
16:	17:	18:	19: 20:
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS			
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Bukit Peninjau Road Board Improvement Scheme			

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 2	NAME: Lumir-Subia North Rural Development
NO: 16	NAME: Bukit Peninjau RRD Rural Development
NO: 19	NAME: Bukit Peninjau RRD Operation Project
NO: 1	NAME:
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:
NO: 6	NAME:
NO: 7	NAME:
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:
NO: 11	NAME:
NO: 12	NAME:
NO: 13	NAME:
NO: 14	NAME:
NO: 15	NAME:
NO: 16	NAME:
NO: 17	NAME:
NO: 18	NAME:
NO: 19	NAME:
NO: 20	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT
2:	STATE GOVERNMENT
3:	LOCAL GOVERNMENT
4:	STATUTORY BODIES
5:	PUBLIC FUNDS
6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS
8:	PUBLIC FOREIGN LOANS

REFERENCES:

1:	
2:	
3:	
4:	
5:	

PROJECT NUMBER: 5		SECTOR: AGRICULTURE	
PLANNING:	SLIP	IMPLEMENTATION:	SLIP
NAME OF PROJECT: Clearing, Planting and Operating - LAMBIR-SUBIS NORTH			
DESCRIPTION: Clearing, planting and operating 10 165 acres of crops. Oil palm - 8 295 acres planted in 1970, 71, 72 and 74 Rubber - 1 880 acres planted between 1964 and 1968			
TOTAL INVESTMENT COSTS: \$4,345,000 INVESTMENT PERIOD: 1975 - 1977			
INVESTMENT YEAR BY YEAR: \$'000			
1: \$1 563	2: \$949	3: \$1 533	4: 5:
6:	7:	8:	9: 10:
OPERATING COSTS YEAR BY YEAR: \$'000			
1: \$795	2: \$1 586	3: \$1 712	4: \$2 671
5: \$3 000	6: \$3 091	7: 8:	9: 10:
11:	12:	13:	14: 15:
16:	17:	18:	19: 20:
REVENUES YEAR BY YEAR:			
1:	2:	3:	4: 5:
6:	7:	8:	9: 10:
11:	12:	13:	14: 15:
16:	17:	18:	19: 20:
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS			
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Bukit Peninjau Road Board Improvement Scheme			

IDENTIFICATION	PROJECT NUMBER: 8	SECTOR: AGRICULTURE
	DEPARTMENT: PLANNING: SUB-IMPLEMENTATION: SUB-BUDGET:	
CONTENTS	NAME OF PROJECT: Clearing, planting and operating - Igang, Sawai and Jata areas	
	DESCRIPTION: Clearing, planting and operating of 13 690 acres of crops. Oil palm 11 285 acres Rubber 1 785 acres Coconut 720 acres	
	TOTAL INVESTMENT COSTS: \$13 900 000 (1975 to 1980 - \$10 370 000)	INVESTMENT PERIOD: 1975 to 1986
	INVESTMENT YEAR BY YEAR: \$'000	
	1: \$352 2: \$1 544 3: \$664 4: \$2 566 5: \$1 219	
	6: \$3 825 7: \$1 122 8: \$2 018 9: \$1 729 10: \$89	
	11: \$106 12: \$21	
	OPERATING COSTS YEAR BY YEAR: \$'000	
	1: 2: 3: 4: 5: 6: \$905 7: \$1 578 8: \$1 685 9: \$3 147 10: \$3 309	
	11: \$3 196 12: \$3 331 13: \$3 348 14: \$3 308 15: \$3 330	
	16: \$3 334 17: \$3 355 18: \$3 395 19: \$3 399 20: \$3 432	
	REVENUES YEAR BY YEAR: \$'000	
	1: 2: 3: 4: 5: \$815	
	6: \$1 503 7: \$2 692 8: \$3 400 9: \$5 125 10: \$6 415	
	11: \$7 208 12: \$7 638 13: \$7 838 14: \$7 805 15: \$7 904	
	16: \$7 914 17: \$7 657 18: \$7 815 19: \$7 699 20: \$7 606	
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Habit Pemalaju Road Based Improvement Scheme	

DERIVED OF IMPROVING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:	
	EMPLOYMENT:	
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O) Refer Habit Pemalaju Road Based Improvement Scheme	YEARLY PRODUCTION:	
	Oil palm peak production in year 1988 (100 000 tons of ffb) Rubber peak production in year 1993 (1 430 tons of drc) Coconut peak production in year 1995 (400 tons of dba)	
LINKS	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
FINANCING	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES	
	NO: 5 NAME: Igang Jatake Rural Development NO: 18 NAME: Bukit Pemalaju RRD Rural Development NO: 19 NAME: Bukit Pemalaju RRD Operation Project NO: NAME: NO: NAME: NO: NAME:	
REFERENCES	POSSIBILITIES OF FINANCING:	
	1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS	

YEAR	CONSTRUCTION		OPERATION		TOTAL
	PROFESSIO- NALS	CLERICAL AND SKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	
1975		Field workers 265			Field workers
1976		332			
1977		435			
1978		595			
1979		725			299
1980		884			289
1981		594			181

IDENTIFICATION	PROJECT NUMBER: 10	SECTOR: AGRICULTURE
	DEPARTMENT: PLANNING AND IMPLEMENTATION: SUB DEPARTMENT: BUDGET	
CONTENTS	NAME OF PROJECT: Clearing, planting and operating - Merua area	
	DESCRIPTION: Clearing, planting and operating of 3 080 acres - Small holder scheme Oil palm - 1 890 acres Coconut - 875 acres Rice - 315 acres	
	TOTAL INVESTMENT COSTS: \$3 225 000 (1975 to 1980 - \$2 800 000)	
	INVESTMENT YEAR BY YEAR: \$'000	
	1: \$300	2: \$1 325
	6: \$81	7: \$121
	OPERATING COSTS YEAR BY YEAR: \$'000	
	1: \$500	2: \$1 325
	6: \$81	7: \$121
	REVENUES YEAR BY YEAR:	
	1: \$200	2: \$1 325
	6: \$81	7: \$121
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Bukit Peninjau Road Based Improvement Scheme	

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: 194 farms benefited							
	EMPLOYMENT:							
YEAR	CONSTRUCTION			OPERATION			TOTAL	
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	
			Field subarea			Field subarea		
	1974		214					
	1975		312					
	1976		202					
	1977		207					29
1978		30					29	
1979		30					203	
1980		27					217	
1981							181	
							208	
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O) Refer Bukit Peninjau Road Based Improvement Scheme								
YEARLY PRODUCTION: Oil palm peak production in year 1983 (17 000 tons of f.o.) Rubber peak production in year 1988 (700 tons of drc) Coconut peak production in year 1980 (80 tons of dbe) Rice peak production in year 1979 (240 tons of p.d.)								
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:								
1:	2:	3:	4:	5:	6:	7:	8:	9:
11:	12:	13:	14:	15:	16:	17:	18:	19:
LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES								
NO: 3	NAME: Merua Rural Development							
NO: 18	NAME: Bukit Peninjau RBD Rural Development							
NO: 19	NAME: Bukit Peninjau RBD Operation Project							
NO:	NAME:							
NO:	NAME:							
NO:	NAME:							
POSSIBILITIES OF FINANCING:								
1:	FEDERAL GOVERNMENT							
3:	LOCAL GOVERNMENT							
5:	PUBLIC FUNDS							
7:	PRIVATE FOREIGN LOANS							
2:	STATE GOVERNMENT							
4:	STATUTORY BODIES							
6:	PRIVATE DOMESTIC SAVINGS							
8:	PUBLIC FOREIGN LOANS							
REFERENCES:								
1:	Supporting Report 2, Part II							
2:								
3:								
4:								
5:								

IDENTIFICATION	PROJECT NUMBER: 11	SECTOR: AGRICULTURE
	FINANCING: SLJB IMPLEMENTATION: SLJB BUDGET: SLJB	
CONTENTS	NAME OF PROJECT: Management SLJB - Mera-s Public	
	DESCRIPTION: SLJB Management of 3 000 acres of cropped land. Equipment: Tractor rotavator, power tiller, thrasher, power knapsack, 3 manual knapsack, small tools, lorries, land rover	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$263 000 INVESTMENT PERIOD: 1975 to 1977	
	INVESTMENT YEAR BY YEAR: \$'000 1: \$107 2: \$52 3: \$104 4: 5: 6: 7: 8: 9: 10:	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: \$'000	
	1: \$124 2: \$112 3: \$156 4: \$156 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1973 PRICES)	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Bukit Peninsula Road Based Improvement Scheme Land cover - \$18 000		

MAIN EFFECTS ON THE ENVIRONMENT: 194 farms benefited																																																															
EMPLOYMENT:	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>UNSKILLED</th> <th>TOTAL</th> <th>CLERICAL AND SKILLED</th> <th>PROFESSIO- NALS</th> <th>UNSKILLED</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>1975</td> <td></td> <td></td> <td></td> <td></td> <td>11</td> <td></td> <td>11</td> </tr> <tr> <td>1976</td> <td></td> <td></td> <td></td> <td></td> <td>11</td> <td></td> <td>11</td> </tr> <tr> <td>1977</td> <td></td> <td></td> <td></td> <td></td> <td>13</td> <td></td> <td>13</td> </tr> <tr> <td>1978</td> <td></td> <td></td> <td></td> <td></td> <td>13</td> <td></td> <td>13</td> </tr> <tr> <td>1979</td> <td></td> <td></td> <td></td> <td></td> <td>13</td> <td></td> <td>13</td> </tr> <tr> <td>1980</td> <td></td> <td></td> <td></td> <td></td> <td>13</td> <td></td> <td>13</td> </tr> </tbody> </table>	YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	UNSKILLED	TOTAL	CLERICAL AND SKILLED	PROFESSIO- NALS	UNSKILLED	TOTAL	1975					11		11	1976					11		11	1977					13		13	1978					13		13	1979					13		13	1980					13		13
YEAR	CONSTRUCTION			OPERATION																																																											
	PROFESSIO- NALS	UNSKILLED	TOTAL	CLERICAL AND SKILLED	PROFESSIO- NALS	UNSKILLED	TOTAL																																																								
1975					11		11																																																								
1976					11		11																																																								
1977					13		13																																																								
1978					13		13																																																								
1979					13		13																																																								
1980					13		13																																																								
DERIVED EFFECTS OF INVESTMENT IN THE PROJECT	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O) YEARLY PRODUCTION: NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:																																																														
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES NO: 3 NAME: Mera-s Rural Development NO: 16 NAME: Bukit Peninsula RRD Rural Development NO: 14 NAME: Bukit Peninsula RRD Management Project NO: NAME: NO: NAME: NO: NAME: NO: NAME:																																																														
FINANCING	POSSIBILITIES OF FINANCING: 1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS																																																														
REFERENCES	REFERENCES: 1: Supporting Report 2, Part III 2: 3: 4: 5:																																																														

IDENTIFICATION	PROJECT NUMBER: 12	SECTOR: AGRICULTURE
	DEPARTMENT: AGRICULTURE	PLANNING: AGRICULTURE
	NAME OF PROJECT: Management AMU, Sepupok, Batu Niah RED areas	IMPLEMENTATION: AMU BUDGET: AGRICULTURE
CONTENTS	DESCRIPTION: AMU management of 9 305 acres of cropped land Equipment: 6 Power tiller 6 Power thresher 10 Manual backpack Tractor and rotavator Lorry Quarters by 1980, 2 Class A 14 Class C 15 Class D	
	TOTAL INVESTMENT COSTS: \$529 000 INVESTMENT PERIOD: 1975 to 1980 INVESTMENT YEAR BY YEAR: \$'000 1: \$222 2: 0 3: \$190 4: \$53 5: \$41 6: \$53 7: 8: 9: 10:	
	OPERATING COSTS YEAR BY YEAR: \$'000 1: \$53 2: \$77 3: \$100 4: \$113 5: \$125 6: \$134 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Bukit Peninsula Road Based Improvement Scheme	

MAIN EFFECTS ON THE ENVIRONMENT: 575 farmers benefited by 1982

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1975				11		
1976				11		11
1977				20		11
1978				23		20
1979				26		23
1980				29		26
						29

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 4 NAME: Sepupok and Batu Niah Rural Development
 NO: 18 NAME: Bukit Peninsula Road Based Improvement
 NO: 14 NAME: Bukit Peninsula Road Based Improvement
 NO: NAME: Bukit Peninsula Improvement Project
 NO: NAME:
 NO: NAME:
 NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
 3: LOCAL GOVERNMENT
 5: PUBLIC FUNDS
 7: PRIVATE FOREIGN LOANS
 2: STATE GOVERNMENT
 4: STATUTORY BODIES
 6: PRIVATE DOMESTIC SAVINGS
 8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 2, Part III
 2:
 3:
 4:
 5:

MAIN EFFECTS ON THE ENVIRONMENT: 575 farmers benefited by 1982

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1975			Field workers			Field workers
1976			150			
1977			210			
1978			450			
1979			610			
1980						760
1981						900
1982						1 410

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)
Refer Bukit Peninjau Road Based Improvement Scheme

YEARLY PRODUCTION: Oil palm production in year 1985 (24 700 tons of ffb)
Rubber peak production in year 1995 (2 500 tons of drc)
Coconut peak production in year 1997 (430 tons of dbe)
Rice peak production in year 1985 (730 tons of paid)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1	NAME: Sempok and Batu Kiah Rural Development
NO: 16	NAME: Bukit Peninjau RED Rural Development
NO: 19	NAME: Bukit Peninjau Improvement Project
NO: 7	NAME:
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT
3: LOCAL GOVERNMENT	4: STATUTORY BODIES
5: PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS	8: PUBLIC FOREIGN LOANS

REFERENCES:

- Supporting Report 2, Part II
-
-
-
-

DERIVED OF
IMPLEMENTING
THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 13

SECTOR: AGRICULTURE

PLANNING: AGRICULTURE
IMPLEMENTATION: PRIVATE
BUDGET: AGRICULTURE

NAME OF PROJECT: Clearing, planting and operating - Sempok and Batu Kiah Road Based Development

DESCRIPTION: Road Based Development
for clearing, planting and operating of 9 305 acres
(Planting completed in 1975 and finished in 1982)
Oil palm 3 255 acres
Rubber 3 795 acres
Coconut 735 acres
Other crops 505 acres
525 farmers

TOTAL INVESTMENT COSTS: \$6 869 000
(1975 to 1980 - \$3 653 000)

INVESTMENT YEAR BY YEAR: \$'000

1: \$20	2: \$148	3: \$168	4: \$907	5: \$495
6: \$835	7: \$956	8: \$1 066	9: \$254	10: \$272
11: \$168	12: \$115	13: \$72	14: \$23	

OPERATING COSTS YEAR BY YEAR: \$'000

1: \$2	2: \$28	3: \$28	4: \$105	5: \$226
6: \$415	7: \$658	8: \$889	9: \$1 533	10: \$1 504
11: \$1 777	12: \$1 508	13: \$2 043	14: \$2 226	15: \$2 281
16: \$2 281	17: \$2 281	18: \$2 281	19: \$2 281	20: \$2 281

REVENUES YEAR BY YEAR: \$'000

1: \$169	2: \$329	3: \$329	4: \$72	5: \$264
6: \$469	7: \$829	8: \$1 291	9: \$1 805	10: \$2 319
11: \$2 902	12: \$3 289	13: \$3 589	14: \$3 840	15: \$3 952
16: \$3 952	17: \$3 952	18: \$3 952	19: \$3 952	20: \$3 952

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bukit Peninjau Road Based Improvement Scheme

MAIN EFFECTS ON THE ENVIRONMENT: RED farmers in Bukit Peminjau area will be benefited

EMPLOYMENT:

YEAR	CONSTRUCTION		OPERATION		TOTAL
	PROFESSIO- NALS	UNSKILLED	PROFESSIO- NALS	UNSKILLED	
1975			9		9
1976			9		9
1977			11		11
1978			15		15
1979			17		17
1980			23		23

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

DERIVED OF
IMPLEMENTING
THE PROJECT

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

- NO: 18 NAME: Bukit Peminjau RED Rural Development
- NO: NAME: STATE GOVERNMENT
- NO: NAME: STATUTORY BODIES
- NO: NAME: LOCAL GOVERNMENT
- NO: NAME: PUBLIC FUNDS
- NO: NAME: PRIVATE FOREIGN LOANS
- NO: NAME: PRIVATE FOREIGN LOANS

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 2, Part III
- 2:
- 3:
- 4:
- 5:

PROJECT NUMBER: 14
 DEPARTMENT: AGRICULTURE
 IMPLEMENTATION: AGRICULTURE
 BUDET: AGRICULTURE
 NAME OF PROJECT: ADE Management - Bukit Peminjau Road Based Improvement Scheme

DESCRIPTION: ADE Management
 Equipment:
 4 Power tiller
 4 Power thresher
 4 Power knapsack
 8 Power knapsack
 Small tools
 Tractor and rotavator
 Lorry
 Quarters by 1980
 12 Class C
 9 Class D

TOTAL INVESTMENT COSTS: \$477 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR: \$'000

1: \$206 2: 0 3: \$71 4: \$56 5: \$28
 6: \$116 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: \$'000

1: \$48 2: \$51 3: \$64 4: \$79 5: \$87
 6: \$173 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Power tiller 3 780 Class B quarters 27 000
 Power thresher 500 Class C quarters 13 500
 Power knapsack 150 Class D quarters 8 000
 Manual knapsack 200
 Small tools 25 000
 Tractor and rotavator 25 000

IDENTIFICATION	PROJECT NUMBER: 16	SECTOR: AGRICULTURE	
	DEPARTMENT: AGRICULTURE PLANNING: AGRICULTURE AND IMPLEMENTATION: AGRICULTURE BUDGET: AGRICULTURE		
CONTENTS	NAME OF PROJECT: Agricultural School - Keshikoh		
	DESCRIPTION: Agricultural school or training centre for staff for a period of 12 months or 6 months.		
	TOTAL INVESTMENT COSTS: \$50 000	INVESTMENT PERIOD: 1975	
	INVESTMENT YEAR BY YEAR: \$'000		
	1: \$50	2: 3: 4: 5:	
	6:	7: 8: 9: 10:	
	OPERATING COSTS YEAR BY YEAR: \$'000		
	1: \$150	2: \$150	3: \$150
	4: \$150	5: \$150	
	6: \$150	7: 8: 9: 10:	
	11: 12: 13: 14: 15:		
	16: 17: 18: 19: 20:		
	REVENUES YEAR BY YEAR:		
	1: 2: 3: 4: 5:		
	6: 7: 8: 9: 10:		
	11: 12: 13: 14: 15:		
	16: 17: 18: 19: 20:		
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:		

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: Training personnel for ADU staff																																																															
	EMPLOYMENT:																																																															
	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>UNSKILLED</th> <th>TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>1975</td> <td></td> <td></td> <td></td> <td>13</td> <td></td> <td></td> <td>13</td> </tr> <tr> <td>1976</td> <td></td> <td></td> <td></td> <td>13</td> <td></td> <td></td> <td>13</td> </tr> <tr> <td>1977</td> <td></td> <td></td> <td></td> <td>13</td> <td></td> <td></td> <td>13</td> </tr> <tr> <td>1978</td> <td></td> <td></td> <td></td> <td>13</td> <td></td> <td></td> <td>13</td> </tr> <tr> <td>1979</td> <td></td> <td></td> <td></td> <td>13</td> <td></td> <td></td> <td>13</td> </tr> <tr> <td>1980</td> <td></td> <td></td> <td></td> <td>13</td> <td></td> <td></td> <td>13</td> </tr> </tbody> </table>	YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	1975				13			13	1976				13			13	1977				13			13	1978				13			13	1979				13			13	1980				13			13	
YEAR	CONSTRUCTION			OPERATION																																																												
	PROFESSIO- NALS	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL																																																									
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1979				13			13																																																									
1980				13			13																																																									
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)																																																															
	YEARLY PRODUCTION: Trained staff: for 1975 = 73 1979 = 23 1976 = 56 1980 = 43 1977 = 51																																																															
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:																																																															
	1: 2: 3: 4: 5:																																																															
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FINANCING	POSSIBILITIES OF FINANCING:																																																															
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	3: LOCAL GOVERNMENT	4: STATUTORY BODIES																																																														
	5: PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS																																																														
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REFERENCES	REFERENCES:																																																															
	1: Supporting Report 3, Part III																																																															
	2:																																																															
	3:																																																															
	4:																																																															
	5:																																																															

YEAR	CONSTRUCTION		OPERATION		TOTAL
	PROFESSIO- NALS	UNSKILLED	PROFESSIO- NALS	UNSKILLED	
1975			16		16
1976			16		16
1977			16		16
1978			16		16
1979			16		16
1980			16		16

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION: 30 students - 3 courses per annum

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
2: STATE GOVERNMENT
3: LOCAL GOVERNMENT
4: STATUTORY BODIES
5: PUBLIC FUNDS
6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS
8: PUBLIC FOREIGN LOANS

REFERENCES:
1: Supporting Report 2, Part II
2:
3:
4:
5:

MAIN EFFECTS ON THE ENVIRONMENT: Training farmers

EMPLOYMENT:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

IDENTIFICATION	PROJECT NUMBER: 17		SECTOR: AGRICULTURE	
	DEPARTMENT	PLANNING: IMPLEMENTATION: BUDGET:	AGRICULTURE	AGRICULTURE
	NAME OF PROJECT: Agricultural Training Centre - 10th mile Bistula-Miri Road			
CONTENTS	<p>DESCRIPTION: About 40 acres of land Farmer Training Section buildings Training buildings and accommodation Staff quarters Farmers hostel Plant house Piggery</p> <p>Farm developments: Farm development, machinery and equipment, Transport, Water supply, Power generator, Land acquisition</p>			
1974 (\$627 000)	TOTAL INVESTMENT COSTS: \$110 000 INVESTMENT PERIOD: 1975			
1974 (\$27 000)	INVESTMENT YEAR BY YEAR: \$'000			
	1: \$110	2:	3:	4: 5: 6: 7: 8: 9: 10:
	OPERATING COSTS YEAR BY YEAR: \$'000			
	1: \$112	2: \$114	3: \$114	4: \$114 5: \$114 6: \$114 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:
COSTS AND REVENUES (1977 PRICES)	REVENUES YEAR BY YEAR:			
	1:	2:	3:	4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS			
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:			
	Farmers Training Centres	\$	Farm Development	\$
	Class III quarters	35 000	Farm machinery	25 000
	Class IV quarters	20 000	Transport	15 000
	Class V quarters	16 000	Land acquisition	5 000
	Classroom/office	50 000	Water supply	60 000
	Dormitory/flatroom	50 000	Electricity, generator and fittings	35 000
	Stores/workshops	30 000	Agricultural Station	
	Electrical fitting	40 000	Piggery	85 000
	Furniture	18 000	Farmers hostel }	5 000
			Plant house	

IDENTIFICATION		SECTOR: AGRICULTURE	
PROJECT NUMBER: 18	PLANNING: AGRICULTURE	DEPARTMENT: PWD	IMPLEMENTATION: AGRICULTURE
NAME OF PROJECT: MD Divisional Office - Bahai Peninsula			
DESCRIPTION: Refer Supporting Report 2, Part III			
CONTENTS			
TOTAL INVESTMENT COSTS: \$419 000		INVESTMENT PERIOD: 1975	
INVESTMENT YEAR BY YEAR: \$'000			
1: \$419	2: 3: 4: 5:	6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
OPERATING COSTS YEAR BY YEAR: \$'000			
1: \$130	2: \$130	3: \$130	4: \$130
5: \$130	6: \$130	7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
REVENUES YEAR BY YEAR:			
1: 2: 3: 4: 5:	6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:		
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS			
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Supporting Report 2, Part III			

MAIN EFFECTS ON THE ENVIRONMENT:																																																								
EMPLOYMENT:	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> </tr> </thead> <tbody> <tr> <td>1975</td> <td></td> <td></td> <td></td> <td>9</td> <td></td> <td>9</td> </tr> <tr> <td>1976</td> <td></td> <td></td> <td></td> <td>9</td> <td></td> <td>9</td> </tr> <tr> <td>1977</td> <td></td> <td></td> <td></td> <td>9</td> <td></td> <td>9</td> </tr> <tr> <td>1978</td> <td></td> <td></td> <td></td> <td>9</td> <td></td> <td>9</td> </tr> <tr> <td>1979</td> <td></td> <td></td> <td></td> <td>9</td> <td></td> <td>9</td> </tr> <tr> <td>1980</td> <td></td> <td></td> <td></td> <td>9</td> <td></td> <td>9</td> </tr> </tbody> </table>	YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	1975				9		9	1976				9		9	1977				9		9	1978				9		9	1979				9		9	1980				9		9
YEAR	CONSTRUCTION			OPERATION																																																				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL																																																		
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1979				9		9																																																		
1980				9		9																																																		
DESERVED EFFECTS OF IMPLEMENTING THE PROJECT	<p>INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)</p> <p>YEARLY PRODUCTION:</p> <p>NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:</p> <table border="1"> <tr> <td>1: 2: 3: 4: 5:</td> <td>6: 7: 8: 9: 10:</td> <td>11: 12: 13: 14: 15:</td> <td>16: 17: 18: 19: 20:</td> </tr> </table> <p>LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES</p> <table border="1"> <tr> <td>NO:</td> <td>NAME:</td> </tr> </table> <p>POSSIBILITIES OF FINANCING:</p> <table border="1"> <tr> <td>1: FEDERAL GOVERNMENT</td> <td><input type="checkbox"/></td> <td>2: STATE GOVERNMENT</td> <td><input type="checkbox"/></td> </tr> <tr> <td>3: LOCAL GOVERNMENT</td> <td><input type="checkbox"/></td> <td>4: STATUTORY BODIES</td> <td><input type="checkbox"/></td> </tr> <tr> <td>5: PUBLIC FUNDS</td> <td><input checked="" type="checkbox"/></td> <td>6: PRIVATE DOMESTIC SAVINGS</td> <td><input type="checkbox"/></td> </tr> <tr> <td>7: PRIVATE FOREIGN LOANS</td> <td><input type="checkbox"/></td> <td>8: PUBLIC FOREIGN LOANS</td> <td><input type="checkbox"/></td> </tr> </table> <p>REFERENCES:</p> <table border="1"> <tr> <td>1: Supporting Report 2, Part III</td> </tr> <tr> <td>2:</td> </tr> <tr> <td>3:</td> </tr> <tr> <td>4:</td> </tr> <tr> <td>5:</td> </tr> </table>	1: 2: 3: 4: 5:	6: 7: 8: 9: 10:	11: 12: 13: 14: 15:	16: 17: 18: 19: 20:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input type="checkbox"/>	3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORY BODIES	<input type="checkbox"/>	5: PUBLIC FUNDS	<input checked="" type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>	7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input type="checkbox"/>	1: Supporting Report 2, Part III	2:	3:	4:	5:																		
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3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORY BODIES	<input type="checkbox"/>																																																					
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FINANCING																																																								
REFERENCES																																																								

MAIN EFFECTS ON THE ENVIRONMENT: 355 farmers will be benefited by 1982

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED
1975			Field workers			
1976			150			
1977			210			
1978			300			
1979			400			
1980					440	
1981					590	
					710	

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)
Land clearing, roads, drainage, seed, planting materials, simple farm equipment, fertilizers, chemicals (Pesticides, weedicides, etc.), transport and processing

YEARLY PRODUCTION: Oil palm peak production in year 1989 (15 300 tons of ffb)
Rubber peak production in year 1987 (1 100 tons of dry)
Cocoa peak production in year 1987 (270 tons of pods)
Rice peak production in year 1986 (460 tons of paddy)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 18	NAME: Bukit Pelandau RED Rural Development
NO: 1	NAME:
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORY BODIES	<input type="checkbox"/>
5: PUBLIC FUNDS	<input type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input checked="" type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- Supporting Report 2, Part II
-
-
-
-

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 19

SECTOR: AGRICULTURE

PLANNING: ARI
IMPLEMENTATION: PRIVATE
BUDGET: PRIVATE

NAME OF PROJECT: Clearing, planting and operating - Bukit Pelandau RED

DESCRIPTION: Road Based Development
Clearing, planting and operating of 2 905 acres of crops
(Oil palm, rubber, cocoa and rice)
Oil palm 2 355 acres
Rubber 475 acres
Cocoa 375 acres
Rice 375 acres
Other crops 575 acres
355 farmers

TOTAL INVESTMENT COSTS: \$1,789 000
(1975 to 1980 - \$2 170 000)

INVESTMENT PERIOD: 1975 to 1986 inclusive

INVESTMENT YEAR BY YEAR: \$'000

1: \$20	2: \$448	3: \$408	4: \$462	5: \$490
6: \$472	7: \$1 294	8: \$959	9: \$249	10: \$143
11: \$95	12: \$69	13: \$34	14: \$6	

OPERATING COSTS YEAR BY YEAR: \$'000

1: \$1	2: \$28	3: \$28	4: \$105	5: \$218
6: \$311	7: \$414	8: \$613	9: \$814	10: \$1 010
11: \$1 130	12: \$1 190	13: \$1 326	14: \$1 409	15: \$1 423
16: \$1 423	17: \$1 423	18: \$1 423	19: \$1 423	20: \$1 423

REVENUES YEAR BY YEAR: \$'000

1: \$398	2: \$39	3: \$39	4: \$72	5: \$225
6: \$398	7: \$607	8: \$938	9: \$1 289	10: \$1 575
11: \$1 879	12: \$2 097	13: \$2 298	14: \$2 437	15: \$2 465
16: \$2 465	17: \$2 465	18: \$2 465	19: \$2 465	20: \$2 465

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	\$
Oil palm establishment/acre	1 840
Rubber establishment/acre	1 150
Cocoa establishment/acre	700
Rice establishment/acre	1 170
Management/acre	480
Management/acre	240
Management/acre	74

COSTS AND REVENUES (1977 PRICES)

IDENTIFICATION	PROJECT NUMBER: 21	SECTOR: ROUSHRY
	PLANNING: FORESTRY/PRIVATE DEPARTMENT: PRIVATE IMPLEMENTATION: PRIVATE BUDGET: PRIVATE	
CONTENTS	NAME OF PROJECT: Salvage logging - Igong, Sawai and Jatan areas	
	DESCRIPTION: Salvage felling of forest land for agricultural use - felling, skidding and loading (1975)	
COSTS AND REVENUES (1977 PRICES)	TOTAL INVESTMENT COSTS: INVESTMENT PERIOD:	
	INVESTMENT YEAR BY YEAR:	
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	OPERATING COSTS YEAR BY YEAR: (1975) \$'000	
	REVENUES YEAR BY YEAR: \$'000	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		

DEIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:									
	EMPLOYMENT:									
DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	CONSTRUCTION			OPERATION			TOTAL			
	YEAR	PROFESSIO-NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO-NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	TOTAL
	1									26
	2									
	3									
	4									
	5									
	6									
	7									
	8									
	9									
10										
LINKS	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)									
	5 tractors, saws, 1 wheel loader									
FINANCING	YEARLY PRODUCTION: 26 000 tons									
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:									
REFERENCES	1: 2: 3: 4: 5:									
	6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:									
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES									
	NO: 5 NAME: Igong Estate Rural Development									
FINANCING	POSSIBILITIES OF FINANCING:									
	1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS									
REFERENCES	REFERENCES:									
	1: Supporting Report 3, Part I 2: 3: 4: 5:									

IDENTIFICATION	PROJECT NUMBER: 22	SECTOR: FORESTRY
	PLANNING: FORESTRY/PRIVATE	FORESTRY/PRIVATE
	IMPLEMENTATION: PRIVATE	PRIVATE
CONTENTS	NAME OF PROJECT: Salvage logging - Ulu Muat	
	DESCRIPTION: Salvage felling of forest land for agricultural cultivation - 2 200 acres (felling, skidding, loading and hauling)	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS:	
	INVESTMENT YEAR BY YEAR:	INVESTMENT PERIOD:
	1: \$460	1: 4: 5:
	2: 3: 6:	2: 4: 10:
	7: 8: 9:	3: 5: 15:
	10: 11: 12: 13: 14: 15:	4: 6: 16: 17: 18: 19: 20:
	16: 17: 18: 19: 20:	
	OPERATING COSTS YEAR BY YEAR: \$'000	
	1: \$695	1: 4: 5:
	2: 3: 6:	2: 4: 10:
	7: 8: 9:	3: 5: 15:
	10: 11: 12: 13: 14: 15:	4: 6: 16: 17: 18: 19: 20:
	16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: \$'000	
	1: \$695	1: 4: 5:
	2: 3: 6:	2: 4: 10:
	7: 8: 9:	3: 5: 15:
	10: 11: 12: 13: 14: 15:	4: 6: 16: 17: 18: 19: 20:
	16: 17: 18: 19: 20:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES	

DEBIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:									
	EMPLOYMENT:									
DEBIVED EFFECTS OF IMPLEMENTING THE PROJECT	CONSTRUCTION			OPERATION						
	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	
	1									9
	2									
	3									
	4									
	5									
	6									
	7									
	8									
	9									
10										
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)									
	2 tractors, saws									
	YEARLY PRODUCTION: 8 800 tons									
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:									
	1:	2:	3:	4:	5:					
	6:	7:	8:	9:	10:					
	11:	12:	13:	14:	15:					
	16:	17:	18:	19:	20:					
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES									
	NO:	NAME:								
	NO:	NAME:								
	NO:	NAME:								
	NO:	NAME:								
FINANCING	POSSIBILITIES OF FINANCING:									
	1:	FEDERAL GOVERNMENT		2:	STATE GOVERNMENT					
	3:	LOCAL GOVERNMENT		4:	STATUTORY BODIES					
	5:	PUBLIC FUNDS		6:	PRIVATE DOMESTIC SAVINGS					
	7:	PRIVATE FOREIGN LOANS		8:	PUBLIC FOREIGN LOANS					
REFERENCES	REFERENCES:									
	1:	Supporting Report 3, Part 1								
	2:									
	3:									
	4:									

IDENTIFICATION	PROJECT NUMBER: 23	SECTOR: FORESTRY
	DEPARTMENT: FORESTRY/PRIVATE IMPLEMENTATION: PRIVATE BUDGET: PRIVATE	
CONTENTS	NAME OF PROJECT: Salvage logging - Menantua	
	DESCRIPTION: Salvage felling forest land for agricultural cultivation - 5 000 acres (felling, skidding, loading and hauling)	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: INVESTMENT PERIOD:	
	INVESTMENT YEAR BY YEAR:	
	1: 2: 3: 4: 5:	6: 7: 8: 9: 10:
	OPERATING COSTS YEAR BY YEAR: \$'000	
	1: \$130	2: 3: 4: 5:
	6: 7: 8: 9: 10:	11: 12: 13: 14: 15:
	16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: \$'000	
	1: \$2 000	2: 3: 4: 5:
	6: 7: 8: 9: 10:	11: 12: 13: 14: 15:
	16: 17: 18: 19: 20:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

DEVELOPED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:						
	EMPLOYMENT:						
LINKS	OPERATION						
	YEAR	PROFESSIONALS	UNSKILLED	TOTAL	PROFESSIONALS	UNSKILLED	TOTAL
	1						26
	2						
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10						
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)						
	5 tractors, saw, 1 loader						
	YEARLY PRODUCTION: 25 600 tons						
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:						
	1:	2:	3:	4:	5:		
	6:	7:	8:	9:	10:		
	11:	12:	13:	14:	15:		
	16:	17:	18:	19:	20:		
	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES						
	NO: 12	NAME: Menantua Rural Development					
	NO:	NAME:					
	NO:	NAME:					
	NO:	NAME:					
	NO:	NAME:					
	NO:	NAME:					
	NO:	NAME:					
	POSSIBILITIES OF FINANCING:						
	1:	FEDERAL GOVERNMENT		2:	STATE GOVERNMENT		
	3:	LOCAL GOVERNMENT		4:	STATUTORY BODIES		
	5:	PUBLIC FUNDS		6:	PRIVATE DOMESTIC SAVINGS		
	7:	PRIVATE FOREIGN LOANS		8:	PUBLIC FOREIGN LOANS		
	REFERENCES:						
	1:	Supporting Report 3, Part I					
	2:						
	3:						
	4:						
	5:						

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:

FINANCING

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>
2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>
4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>
6:	PRIVATE DOMESTIC SAVINGS	<input checked="" type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>
8:	PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>

REFERENCES:

1:	
2:	
3:	
4:	
5:	

PROJECT NUMBER: 24 **SECTOR: FORESTRY**

DEPARTMENT	FORESTRY
PLANNING:	IMPLEMENTATION:
BUDGET:	BUDGET:
	PRIVATE

NAME OF PROJECT: Logging of forest - Sibilo area

DESCRIPTION: Logging of forest under present license of FAD - Unit 1. The majority should be final logged in 1974 - only 2000 acres left to be logged in FAD unit. Cost and revenue cr. FAD unit 1.

TOTAL INVESTMENT COSTS:

INVESTMENT PERIOD:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

IDENTIFICATION	PROJECT NUMBER: 25/26/27/143	SECTOR: FORESTRY
	PLANNING: FORESTRY/PRIVATE	
	DEPARTMENT: FORESTRY/PRIVATE	
CONTENTS	NAME OF PROJECT: Saw-mills and logging - Basic unit	
	DESCRIPTION: To be established in each of the PMA industrial units (Bintulu, Labang, Sui and later Long Luan)	

TOTAL INVESTMENT COSTS: \$16 300 000 INVESTMENT PERIOD: 1975 to 1982

INVESTMENT YEAR BY YEAR: \$'000

1: \$5 600	2:	3:	4:	5:
6:	7:	8: \$7 700	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1: \$100	2: \$2 100	3: \$2 300	4: \$2 500	5: \$3 000
6: \$3 300	7: \$4 200	8: \$4 300	9: \$4 400	10: \$4 500
11: \$4 600	12: \$4 700	13: \$4 700	14: \$4 700	15: \$4 700
16: \$4 800	17: \$4 400	18: \$4 400	19: \$4 400	20: \$4 400

REVENUES YEAR BY YEAR: \$'000

1: 0	2: \$2 700	3: \$4 700	4: \$5 900	5: \$5 600
6: \$10 600	7: \$12 100	8: \$12 900	9: \$13 100	10: \$13 800
11: \$14 000	12: \$13 900	13: \$14 100	14: \$14 100	15: \$14 000
16: \$11 000	17: \$11 000	18: \$11 000	19: \$11 000	20: \$11 000

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

As the basic unit is designed for specific areas, economies of scale are probably optimised.

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1			50			
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION: Approximately 150 000 tons logs per annum
Out-put sawn timber - 80 000 tons

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: \$'000

1: \$6 500	2:	3:	4:	5:
6: \$3 500	7:	8:	9:	10:
11: \$4 000	12:	13:	14:	15:
16: \$3 000	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 27 NAME: Bintulu Timber Complex
 NO: 24 NAME: Labang Timber Complex
 NO: 26 NAME: Sui Timber Complex
 NO: NAME:
 NO: NAME:
 NO: NAME:
 NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORY BODIES	<input checked="" type="checkbox"/>
5: PUBLIC FUNDS	<input type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input checked="" type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>

REFERENCES:

1: Supporting Report 3, Part 1
 2:
 3:
 4:
 5:

IDENTIFICATION	PROJECT NUMBER: 29	SECTOR: HOUSING
	DEPARTMENT: PLANNING: EDC IMPLEMENTATION: PMD BUDGET: PRIVATE	
CONTENTS	NAME OF PROJECT: Housing - Miri	
	DESCRIPTION: Mixture of houses ranging from \$5 000 to \$35 000 per unit. Number of houses - 1 395	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$12 376 000	
	INVESTMENT YEAR BY YEAR: \$'000 1: \$2 063 2: \$2 063 3: \$2 063 4: \$2 063 5: \$2 063 6: 7: 8: 9: 10:	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Per unit house 5 000 Per unit house 13 000 Per unit house 19 000 Per unit house 25 000		

DERIVED EFFECTS OF FINANCING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:							
	EMPLOYMENT:							
	CONSTRUCTION		OPERATION					
	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	
	1							
	2							
	3							
	4							
	5							
	6							
	7							
	8							
	9							
10								
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)								
YEARLY PRODUCTION:								
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:								
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES							
	NO: 1	NAME:	Miri Town Development					
	NO:	NAME:						
	NO:	NAME:						
	NO:	NAME:						
FINANCING	POSSIBILITIES OF FINANCING:							
	1:	FEDERAL GOVERNMENT		2:	STATE GOVERNMENT		<input checked="" type="checkbox"/>	
	3:	LOCAL GOVERNMENT		4:	STATUTORY BODIES		<input checked="" type="checkbox"/>	
	5:	PUBLIC FUNDS		6:	PRIVATE DOMESTIC SAVINGS		<input checked="" type="checkbox"/>	
	7:	PRIVATE FOREIGN LOANS		8:	PUBLIC FOREIGN LOANS			
REFERENCES	REFERENCES:							
	1:	Supporting Report 6, Part V						
	2:							
	3:							
	4:							

IDENTIFICATION	PROJECT NUMBER: 30	SECTOR: HOUSING
	DEPARTMENT	HO/PRIVATE HO/PRIVATE HO/PRIVATE
	NAME OF PROJECT: Housing - Birtulu	
CONTENTS	DESCRIPTION: Mixture of houses ranging from \$5 000 to \$35 000 per unit. Number of units - 1 314	
	<p>TOTAL INVESTMENT COSTS: \$11 640 000 INVESTMENT PERIOD: 1975 to 1980</p> <p>INVESTMENT YEAR BY YEAR: \$'000</p> <p>1: \$1 940 2: \$1 940 3: \$1 940 4: \$1 940 5: \$1 940</p> <p>6: \$1 940 7: 8: 9: 10:</p> <p>OPERATING COSTS YEAR BY YEAR:</p> <p>1: 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p> <p>REVENUES YEAR BY YEAR:</p> <p>1: 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p> <p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p> <p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:</p> <p>\$</p> <p>Per unit house 5 000</p> <p>Per unit house 13 000</p> <p>Per unit house 19 000</p> <p>Per unit house 35 000</p>	
COSTS AND REVENUES (1977 PRICES)		

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:																																																																																																							
	EMPLOYMENT:																																																																																																							
LINKS	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> <th rowspan="2">TOTAL</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>										YEAR	CONSTRUCTION			OPERATION			TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	1								2								3								4								5								6								7								8								9								10							
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IDENTIFICATION	PROJECT NUMBER: 31	SECTOR: HOUSING
	DEPARTMENT: PLANNING: INVESTIGATION: BUDGET: PRIVATE	
	NAME OF PROJECT: Housing - Marudi	
CONTENTS	DESCRIPTION: Number of houses - 155	
	TOTAL INVESTMENT COSTS: \$ 413 000	INVESTMENT PERIOD: 1975 to 1980
	INVESTMENT YEAR BY YEAR: \$'000	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR:	
	REVENUES YEAR BY YEAR:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:																																																																																			
	EMPLOYMENT:																																																																																			
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IDENTIFICATION	PROJECT NUMBER: 32	SECTOR: HOUSING
	DEPARTMENT	PLANNING ORIGINATOR: PRIVATE
CONTENTS	NAME OF PROJECT: Housing - Long Lea	
	DESCRIPTION: 330 units of houses	
<p>TOTAL INVESTMENT COSTS: \$ 730 000 INVESTMENT PERIOD: 1975 to 1980</p> <p>INVESTMENT YEAR BY YEAR: \$'000</p> <p>1: \$455 2: \$455 3: \$455 4: \$455 5: \$455</p> <p>6: \$455 7: 8: 9: 10:</p> <p>OPERATING COSTS YEAR BY YEAR:</p> <p>1: 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p> <p>REVENUES YEAR BY YEAR:</p> <p>1: 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p> <p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p> <p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:</p> <p>186 units \$ 5 000</p> <p>99 units 19 000</p> <p>4 units 35 000</p>		

MAIN EFFECTS ON THE ENVIRONMENT:	EMPLOYMENT:							
	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	
	1							
	2							
	3							
	4							
	5							
	6							
	7							
	8							
	9							
	10							
DERIVED OF EFFECTS OF IMPLEMENTING THE PROJECT	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)							
	YEARLY PRODUCTION:							
LINKS	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:							
	1:	2:	3:	4:	5:	6:	7:	
FINANCING	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES							
	NO: 4	NAME: Long Lea Town Development						
REFERENCES	POSSIBILITIES OF FINANCING:							
	1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT	3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES
	5:	PUBLIC FUNDS	6:	PRIVATE DOMESTIC SAVINGS	7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS
	REFERENCES:							
	1:	Supporting Report 6, Part V					2:	
	3:					4:		
	5:					6:		

EMPLOYMENT:	CONSTRUCTION						OPERATION				
	PROFES- SIONALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFES- SIONALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL			
	YEAR	1	2	3	4	5	6	7	8	9	10
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 5 NAME: Batu Niah Town Development

NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
2: STATE GOVERNMENT
3: LOCAL GOVERNMENT
4: STATUTORY BODIES
5: PUBLIC FUNDS
6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS

REFERENCES:

1: Supporting Report 6, Part V
2:
3:
4:
5:

IDENTIFICATION	PROJECT NUMBER: 33	SECTOR: HOUSING
	DEPARTMENT	FINANCING: IMPLEMENTATION: } PRIVATE
CONTENTS	NAME OF PROJECT: Housing - Batu Niah	
	DESCRIPTION: Number of houses - 155	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$1,413,000 INVESTMENT PERIOD: 1975 to 1980	
	INVESTMENT YEAR BY YEAR: \$'000	
	1: \$235	2: \$235
	3: \$235	4: \$235
	5: \$235	6: \$235
	7: \$235	8: \$235
	9: \$235	10: \$235
	OPERATING COSTS YEAR BY YEAR:	
	1: \$235	2: \$235
	3: \$235	4: \$235
	5: \$235	6: \$235
	7: \$235	8: \$235
	9: \$235	10: \$235
	11: \$235	12: \$235
	13: \$235	14: \$235
	15: \$235	16: \$235
	17: \$235	18: \$235
	19: \$235	20: \$235
	REVENUES YEAR BY YEAR:	
	1: \$235	2: \$235
	3: \$235	4: \$235
	5: \$235	6: \$235
	7: \$235	8: \$235
	9: \$235	10: \$235
	11: \$235	12: \$235
	13: \$235	14: \$235
	15: \$235	16: \$235
	17: \$235	18: \$235
	19: \$235	20: \$235
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	
	91 units	\$ 5,000
	35 units	\$ 15,000
	3 units	\$ 35,000
	REFERENCES:	
	1: Supporting Report 6, Part V	
	2:	
	3:	
	4:	
	5:	

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 6 NAME: Beluru Town Development

NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
2: STATE GOVERNMENT
3: LOCAL GOVERNMENT
4: STATUTORY BODIES
5: PUBLIC FUNDS
6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS
8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 6, Part V
2:
3:
4:
5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 34 SECTOR: HOUSING

DEPARTMENT: PLANNING, IMPLEMENTATION: PRIVATE

NAME OF PROJECT: Housing - Beluru

DESCRIPTION: Number of houses - 77

TOTAL INVESTMENT COSTS: \$715 000 INVESTMENT PERIOD:

INVESTMENT YEAR BY YEAR: \$'000

1: \$119 2: \$119 3: \$119 4: \$119 5: \$119
6: \$119 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

15 units at \$ 5 000
25 units at 13 000
5 units at 19 000
2 units at 35 000

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

IDENTIFICATION	PROJECT NUMBER: 35	SECTOR: HOUSING
	DEPARTMENT: PLANNING, IMPLEMENTATION, BUDGET: PRIVATE	
CONTENTS	NAME OF PROJECT: Housing in Beikma	
	DESCRIPTION: Number of houses - 18	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$416 000	
	INVESTMENT YEAR BY YEAR: \$'000	
	1: \$69	2: \$69
	3: \$69	4: \$69
	5: \$69	6: \$71
	7: \$69	8: \$69
	9: \$69	10: \$69
	11: \$69	12: \$69
	13: \$69	14: \$69
	15: \$69	16: \$69
	17: \$69	18: \$69
	19: \$69	20: \$69
	21: \$69	22: \$69
	23: \$69	24: \$69
	25: \$69	26: \$69
	27: \$69	28: \$69
	29: \$69	30: \$69
	31: \$69	32: \$69
	33: \$69	34: \$69
	35: \$69	36: \$69
	37: \$69	38: \$69
	39: \$69	40: \$69
	41: \$69	42: \$69
	43: \$69	44: \$69
	45: \$69	46: \$69
	47: \$69	48: \$69
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	643: \$69	644: \$69

IDENTIFICATION	PROJECT NUMBER: 36	SECTOR: HOUSING
	DEPARTMENT REPRESENTATION: PRIVATE	
CONTENTS	NAME OF PROJECT: Housing in Sebuh	
	DESCRIPTION: Number of houses - 30	
COSTS AND REVENUES (1977 PRICES)	TOTAL INVESTMENT COSTS: \$156 000	
	INVESTMENT PERIOD:	
	INVESTMENT YEAR BY YEAR: \$'000	
	1: \$33	2: \$33
	3: \$33	4: \$33
	5: \$33	6: \$33
	7: \$33	8: \$33
	9: \$33	10: \$33
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IDENTIFICATION	PROJECT NUMBER: 37	SECTOR: TRANSPORT
	DEPARTMENT: L & SD IMPLEMENTATION: FWD BUDGET: FWD	
CONTENTS	NAME OF PROJECT: Internal roads and drainage - Local primary and local tertiary	
	DESCRIPTION: Local primary - Low cost access roads in smaller settlements, etc. Pavement - 18 to 20 feet Local tertiary - Low cost access road to individual plots and farms. Pavement - 10 feet	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: Local primary - \$75 000 INVESTMENT PERIOD: Local tertiary - \$20 000	
	INVESTMENT YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10:	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: Local primary - Maintenance cost - \$3 500 per mile per year Local tertiary - Maintenance cost - \$1 500 per mile per year	
	REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Local primary - Basic construction costs (earthworks, drainage, etc) \$ 24 000 4 inch stone pavement (2 600 cubic yard per mile) 36 000 Labour and equipment 15 000 75 000 per mile Local tertiary - Basic construction costs (earthworks, drainage, etc) 7 000 4 inch stone pavement (650 cubic yard per mile) 9 000 Labour and equipment 4 000 20 000 per mile	

IDENTIFICATION	MAIN EFFECTS ON THE ENVIRONMENT:	
	EMPLOYMENT:	
CONTENTS	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)	
	YEARLY PRODUCTION:	
COSTS AND REVENUES (1973 PRICES)	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES	
COSTS AND REVENUES (1973 PRICES)	POSSIBILITIES OF FINANCING: 1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS	
	REFERENCES: 1: Supporting Report 5, Part II 2: 3: 4: 5:	

IDENTIFICATION	PROJECT NUMBER: 38	SECTOR: TRANSPORT
	DEPARTMENT: } PLANNING: } IMPLEMENTATION: } PND BUDGET: }	
CONTENTS	NAME OF PROJECT: Access roads - Lambir-Sabis South and North	
	DESCRIPTION: Improved feeder road standard - Total length 11.2 miles Width of formation - 30 feet Subgrade - earth Surfaces - gravel	
COSTS AND REVENUES (1972 PRICES)	TOTAL INVESTMENT COSTS: \$1,425,000 INVESTMENT PERIOD: 1974 to 1975	
	INVESTMENT YEAR BY YEAR: 1: \$650,000 2: \$775,000 3: 4: 5: 6: 7: 8: 9: 10:	
COSTS AND REVENUES (1972 PRICES)	OPERATING COSTS YEAR BY YEAR: 1976 +	
	1: \$12,000 2: \$12,000 3: \$12,000 4: \$92,000 5: \$12,000 6: \$12,000 7: \$12,000 8: \$92,000 9: etc 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1972 PRICES)	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1972 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: 1 mile - \$100,000	

DERIVED EFFECTS OF IMPLEMENTING THIS PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: Links up the villages in the SLEB Development										
	EMPLOYMENT:					OPERATION					
	YEAR	PROFESSIO-NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO-NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL		
	1										
	2										
	3										
	4										
	5										
	6										
	7										
	8										
	9										
	10										
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)										
	YEARLY PRODUCTION:										
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:										
	1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	
	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:	
	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES										
LINKS	NO: 1	NAME: Lambir-Sabis South Rural Development									
	NO: 2	NAME: Lambir-Sabis North Rural Development									
LINKS	NO:	NAME:									
	NO:	NAME:									
LINKS	NO:	NAME:									
	NO:	NAME:									
FINANCING	POSSIBILITIES OF FINANCING:										
	1:	FEDERAL GOVERNMENT				2:		STATE GOVERNMENT			
FINANCING	3:	LOCAL GOVERNMENT				4:		STATUTORY BODIES			
	5:	PUBLIC FUNDS				6:		PRIVATE DOMESTIC SAVINGS			
FINANCING	7:	PRIVATE FOREIGN LOANS				8:		PUBLIC FOREIGN LOANS			
	REFERENCES:										
REFERENCES	1: Supporting Report 7										
	2: Supporting Report 6, Part II										
REFERENCES	3: PND preliminary estimates										
	4: PND preliminary estimates										
REFERENCES	5:										

MAIN EFFECTS ON THE ENVIRONMENT: Links Igung with Sebunah and also to the road network system

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						5
5						5
6						5
7						5
8						5
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO: 7	NAME: Sebunah Rural Development
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:
NO: 11	NAME:
NO: 12	NAME:
NO: 13	NAME:
NO: 14	NAME:
NO: 15	NAME:
NO: 16	NAME:
NO: 17	NAME:
NO: 18	NAME:
NO: 19	NAME:
NO: 20	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 7
- 2: Supporting Report 6, Part II
- 3:
- 4:
- 5:

PROJECT NUMBER: 39 SECTOR: TRANSPORT

PLANNING: IMPLEMENTATION: } PWD
BUDGET:

NAME OF PROJECT: Access roads - Sebunah Public Area

DESCRIPTION: Improvement feeder road standard - Total length 6.9 miles
Width of formation - 30 feet
Pavement - 18 feet
Surface - gravel

TOTAL INVESTMENT COSTS: \$1 035 000 INVESTMENT PERIOD: 1975 to 1976

INVESTMENT YEAR BY YEAR: 1976 +

- 1: \$295 000 2: \$450 000 3:
- 4: 5:
- 6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: 1977 +

- 1: \$34 000 2: \$34 000 3: \$34 000 4: \$53 000 5: \$34 000
- 6: \$34 000 7: \$34 000 8: \$53 000 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

1 mile - \$150 000

IDENTIFICATION	PROJECT NUMBER: 40	SECTOR: TRANSPORT
	DEPARTMENT: PND	PLANNING: PND
CONTENTS	NAME OF PROJECT: Access road - Labang timber complex and Timong village	
	DESCRIPTION: Trunk road standard - Total length 4 miles Width of formation - 44 feet Pavement - 24 feet Surface - gravel	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$1 040 000	INVESTMENT PERIOD: 1975
	INVESTMENT YEAR BY YEAR: 1975 +	1: \$1 040 000 2: 3: 4: 5: 10: 15: 20:
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: 1976 +	1: \$20 000 2: \$20 000 3: \$20 000 4: \$18 000 5: \$20 000 6: \$20 000 7: \$20 000 8: \$18 000 9: etc 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:
	REVENUES YEAR BY YEAR:	1: 2: 3: 4: 5: 10: 15: 20:
REFERENCES	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: 1 mile - \$250 000	

DEPICTED OF EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: Give access to the future Timong Sub-Regional Centre which will be developed in a village based on the application of modern technology to the Labang Timber Complex. Opens up the area for forest and agricultural development.	
	EMPLOYMENT:	
LINKS	INPUT OTHER THAN LABOUR: CONSTRUCTION (c), OPERATION (o)	
	YEARLY PRODUCTION:	
LINKS	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
FINANCING	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES	
	NO: 2A NAME: Labang Timber Complex NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:	
REFERENCES	POSSIBILITIES OF FINANCING:	
	1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS	
REFERENCES	REFERENCES:	
	1: Supporting Report 7 2: Supporting Report 6, Part II 3: 4: 5:	

MAIN EFFECTS ON THE ENVIRONMENT: Links up Kabatu with the whole road network system in the area.

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	UNSKILLED	TOTAL	PROFESSIO- NALS	UNSKILLED	TOTAL
1						
2						6
3						9
4						9
5						9
6						9
7						9
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

DEBILITATED EFFECTS OF IMPLEMENTING THE PROJECT

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 28 NAME: Sual Tsiaber Complex

LINKS

NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
2: STATE GOVERNMENT
3: LOCAL GOVERNMENT
4: STATUTORY BODIES
5: PUBLIC FUNDS
6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS
8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 7
2: Supporting Report 6, Part II
3:
4:
5:

PROJECT NUMBER: 41 **SECTOR:** TRANSPORT

DEPARTMENT: PLANNING, DOCUMENTATION, BUDGET: PND

NAME OF PROJECT: Access road - Ebatu Area

DESCRIPTION: Improved feeder road standard - Total length 13.3 miles
Width of formation - 30 feet
Sub-base - gravel
Surface - gravel

CONTENTS

TOTAL INVESTMENT COSTS: \$1 995 000 INVESTMENT PERIOD: 1975 to 1976

INVESTMENT YEAR BY YEAR: 1975

1: \$1 350 000 2: \$645 000 3: 4: 5:
6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR:

1: \$45 000 2: \$67 000 3: \$67 000 4: \$160 000 5: \$67 000
6: \$67 000 7: \$67 000 8: \$160 000 9: etc 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

1 mile - \$150 000

COSTS AND REVENUES (1973 PRICES)

MAIN EFFECTS ON THE ENVIRONMENT: Links Long Lama with the main road

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1								6
2								12
3								17
4								17
5								17
6								17
7								
8								
9								
10								

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
4	Long Lama Town Development
23	Beluru-Long Lama Road based Improvement Rural Development
	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 7
- 2: Supporting Report 6, Part II
- 3:
- 4:
- 5:

DERIVED EFFECTS OF THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 42 SECTOR: TRANSPORT

PLANNING: IMPLEMENTATION: } PMD
BUDGET:

NAME OF PROJECT: Beluru - Long Lama Road

DESCRIPTION: Trunk road standard from mile 6 east of Beluru to Long Lama, total length - 31 miles
Width of formation - 44 feet
Pavement - 24 feet
Surface - gravel

CONTENTS

TOTAL INVESTMENT COSTS: \$7 750 000 INVESTMENT PERIOD: 1974 to 1977

INVESTMENT YEAR BY YEAR: 1974

- 1: \$1 750 000 2: \$2 000 000 3: \$2 000 000 4: \$2 000 000 5:
- 6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: (from 1976)

- 1: \$10 000 2: \$50 000 3: \$115 000 4: \$115 000 5: \$115 000
- 6: \$115 000 7: \$288 000 8: \$115 000 9: \$115 000 10: \$115 000
- 11: \$288 000 12: etc 13: 14: 15:
- 16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

- 1 mile - \$250 000

IDENTIFICATION	PROJECT NUMBER: 43	SECTOR: TRANSPORT
	DEPARTMENT: PLANNING AND IMPLEMENTATION: PMD	
CONTENTS	NAME OF PROJECT: Labang road	
	DESCRIPTION: Secondary road standard - Total length 11.5 miles, alignment according to trunk road standard. Width of formation - 35 feet Surface - gravel	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$2,300,000	
	INVESTMENT YEAR BY YEAR: 1975	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: 1976	
	REVENUES YEAR BY YEAR:	
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: 1 mile - \$200,000	

REFERENCES	MAIN EFFECTS ON THE ENVIRONMENT: Connect Labang with the whole road network system									
	EMPLOYMENT:									
REFERENCES	DERIVED EFFECTS OF IMPLEMENTING THE PROJECT									
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)									
REFERENCES	YEARLY PRODUCTION:									
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:									
REFERENCES	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES									
	LINKS									
REFERENCES	FINANCING									
	REFERENCES:									

MAIN EFFECTS ON THE ENVIRONMENT: Links the deep water port with Bintulu encourages industrial and commercial activities in the Tanjong Kidurong area.

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

DERIVED OF EFFECTS OF THE PROJECT

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1	NAME: Bintulu Town Development
NO: 188	NAME: Deep water port Project
NO: 204	NAME: Industrial Estate Bintulu Project
NO:	NAME:
NO:	NAME:
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT
3:	LOCAL GOVERNMENT
5:	PUBLIC FUNDS
7:	PRIVATE FOREIGN LOANS
2:	STATE GOVERNMENT
4:	STATUTORY BODIES
6:	PRIVATE DOMESTIC SAVINGS
8:	PUBLIC FOREIGN LOANS

REFERENCES:

- 1: PMD preliminary estimates
- 2: Supporting Report 7
- 3:
- 4:
- 5:

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 44 SECTOR: TRANSPORT

DEPARTMENT: PMD
FLANNING: IMPLEMENTATION: }
BUDGET:

NAME OF PROJECT: Bintulu - Tanjong Kidurong road

DESCRIPTION: Trunk road standard from the present Bintulu town to Tanjong Kidurong -
Total length 10 miles
Width of formation - 44 feet
Investment - 24 feet
Block top sealed

CONTENTS

TOTAL INVESTMENT COSTS: \$4,000,000 INVESTMENT PERIOD: 1975 to 1977

INVESTMENT YEAR BY YEAR: 1975

1:	\$1,800,000	2:	\$2,000,000	3:	\$200,000	4:		5:	
6:		7:		8:		9:		10:	

OPERATING COSTS YEAR BY YEAR: (from 1977)

1:	\$25,000	2:	\$25,000	3:	\$25,000	4:	\$120,000	5:	\$25,000
6:	\$25,000	7:	\$25,000	8:	\$120,000	9:	etc	10:	
11:		12:		13:		14:		15:	
16:		17:		18:		19:		20:	

REVENUES YEAR BY YEAR:

1:		2:		3:		4:		5:	
6:		7:		8:		9:		10:	
11:		12:		13:		14:		15:	
16:		17:		18:		19:		20:	

COSTS AND REVENUES (1973 PRICES)

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

1 mile - \$400,000

IDENTIFICATION	PROJECT NUMBER: 45	SECTOR: TRANSPORT
	DEPARTMENT: FINANCING: IMPLEMENTATION: PND BUDGET:	
CONTENTS	NAME OF PROJECT: Miri-Bintulu road - Bintulu/Tanjong Kiduroong road	
	DESCRIPTION: Trunk road standard, 4.7 miles Width of formation - 31 feet Subgrade - 14 feet Surface - gravel	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$1,222,000 INVESTMENT PERIOD: 1975 to 1976	
	INVESTMENT YEAR BY YEAR: 1975 1: \$780,000 2: \$412,000 3: 4: 5: 6: 7: 8: 9: 10:	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: 1976 1: \$15,000 2: \$24,000 3: \$24,000 4: \$56,000 5: \$24,000 6: \$24,000 7: \$24,000 8: \$56,000 9: etc 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: 1 mile - \$260,000	

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: Screens the population of Bintulu and links the deep water port with the Miri-Bintulu road	
	EMPLOYMENT:	
DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)	
	YEARLY PRODUCTION:	
DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES NO: 2 NAME: Bintulu Town Development NO: 188 NAME: Deep water port Project NO: 52 NAME: LAG road Project NO: NAME: NO: NAME: NO: NAME: NO: NAME:	
DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	POSSIBILITIES OF FINANCING: 1: FEDERAL GOVERNMENT 3: LOCAL GOVERNMENT 5: PUBLIC FUNDS 7: PRIVATE FOREIGN LOANS 2: STATE GOVERNMENT 4: STATUTORY BODIES 6: PRIVATE DOMESTIC SAVINGS 8: PUBLIC FOREIGN LOANS	
	REFERENCES: 1: Supporting Report 7 2: Supporting Report 6, Part II 3: 4: 5:	

IDENTIFICATION	PROJECT NUMBER: 46	SECTOR: TRANSPORT
	DEPARTMENT: PLANNING: IMPLEMENTATION: } FND BUDGET:	
CONTENTS	NAME OF PROJECT: Miri-Batala road - improvement	
	DESCRIPTION: Improving the standard and the alignment at certain locations	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$12 500 000 INVESTMENT PERIOD: 1974 to 1977	
	INVESTMENT YEAR BY YEAR: 1974 1: \$3 500 000 2: \$2 000 000 3: \$4 000 000 4: \$3 000 000 5: 6: 7: 8: 9: 10:	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATOR COSTS		
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:		

MAIN EFFECTS ON THE ENVIRONMENT: Allow heavier and smoother transport facilities

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

LINKS

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
2: STATE GOVERNMENT
3: LOCAL GOVERNMENT
4: STATUTORY BODIES
5: PUBLIC FUNDS
6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS
8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 7
2: FND preliminary estimates
3:
4:
5:

PROJECT NUMBER: 17 SECTOR: TRANSPORT
 PLANNING: DEPARTMENT: } FMD
 ESTIMATION: }
 BUDGET: }
 NAME OF PROJECT: Miri-Bistahu road - Surfacing

DESCRIPTION: Surfacing the existing road with a pre-mix surface from Bistahu to mile 10
 \$0.5 million will be carried out in 1974,
 \$1.2 million in 1981

TOTAL INVESTMENT COSTS: \$17 000 INVESTMENT PERIOD: 1974 to 1980

INVESTMENT YEAR BY YEAR: 1974

1: \$500 000	2: \$500 000	3: \$2 000 000	4: \$2 000 000	5: \$4 000 000
6: \$4 000 000	7: \$4 000 000	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT: Allow heavier vehicles usage and reduce roughness

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORY BODIES	<input type="checkbox"/>
5: PUBLIC FUNDS	<input type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

1: Supporting Report 7

2: Supporting Report 6, Part II

3: FMD preliminary estimates

4:

5:

DERIVED OF EFFECTS IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

MAIN EFFECTS ON THE ENVIRONMENT: Allows heavier vehicular capacity

EMPLOYMENT:

YEAR	CONSTRUCTION		OPERATION	
	PROFESSIO- NALS	UNSKILLED TOTAL	PROFESSIO- NALS	UNSKILLED TOTAL
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO:	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: PMD estimates (Mid-Term Review)
- 2: Supporting Report 7
- 3:
- 4:
- 5:

PROJECT NUMBER: 48

SECTOR: TRANSPORT

PLANNING ORIENTATION: PMD

NAME OF PROJECT: Bridges - Miri-Sintang road

DESCRIPTION: Nine bridges along the Miri-Sintang road

TOTAL INVESTMENT COSTS: \$1,500,000 INVESTMENT PERIOD: 1975 to 1976

INVESTMENT YEAR BY YEAR: 1975 +

1: \$250,000	2: \$500,000	3: \$500,000	4: \$250,000	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

IDENTIFICATION	PROJECT NUMBER: 49	SECTOR: TRANSPORT
	DEPARTMENT	PLANNING: IMPLEMENTATION: PMO
CONTENTS	NAME OF PROJECT: Miri-Jaitong road improvement	
	DESCRIPTION: Widening the road - Total mileage: seven miles (4.0 miles within the Action Programme period)	
COSTS AND REVENUES (1977 PRICES)	TOTAL INVESTMENT COSTS: \$1 000 000 INVESTMENT PERIOD: 1974 to 1976	
	INVESTMENT YEAR BY YEAR: 1974	
REFERENCES	1: \$500 000 2: \$500 000 3: \$200 000 4: 5:	
	6: 7: 8: 9: 10:	
LINKS	OPERATING COSTS YEAR BY YEAR:	
	1: 2: 3: 4: 5:	
FINANCING	6: 7: 8: 9: 10:	
	11: 12: 13: 14: 15:	
REFERENCES	16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR:	
REFERENCES	1: 2: 3: 4: 5:	
	6: 7: 8: 9: 10:	
REFERENCES	11: 12: 13: 14: 15:	
	16: 17: 18: 19: 20:	
REFERENCES	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

DEVELOPMENT OF PROJECTS UNDER EMPLOYMENT:	MAIN EFFECTS ON THE ENVIRONMENT: Better traffic flow from Miri to Jaitong, less accidents								
	YEAR	PROFESSIONALS	CLERICAL SKILLED	UNSKILLED	TOTAL	PROFESSIONALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
DEVELOPMENT OF PROJECTS UNDER EMPLOYMENT:	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)								
	YEAR	PROFESSIONALS	CLERICAL SKILLED	UNSKILLED	TOTAL	PROFESSIONALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
DEVELOPMENT OF PROJECTS UNDER EMPLOYMENT:	YEARLY PRODUCTION:								
	YEAR	PROFESSIONALS	CLERICAL SKILLED	UNSKILLED	TOTAL	PROFESSIONALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
DEVELOPMENT OF PROJECTS UNDER EMPLOYMENT:	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:								
	YEAR	PROFESSIONALS	CLERICAL SKILLED	UNSKILLED	TOTAL	PROFESSIONALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
DEVELOPMENT OF PROJECTS UNDER EMPLOYMENT:	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES								
	NO:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:
1									
2									
3									
4									
5									
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7									
8									
9									
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DEVELOPMENT OF PROJECTS UNDER EMPLOYMENT:	POSSIBILITIES OF FINANCING:								
	NO:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
DEVELOPMENT OF PROJECTS UNDER EMPLOYMENT:	REFERENCES:								
	NO:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:
1									
2									
3									
4									
5									

MAIN EFFECTS ON THE ENVIRONMENT: Give access to new town areas											
EMPLOYMENT: 1976											
YEAR	CONSTRUCTION			OPERATION			TOTAL	UNSKILLED	TOTAL	CLERICAL SKILLED	TOTAL
	PROFESSIO- NALS	AND SKILLED	UNSKILLED	PROFESSIO- NALS	UNSKILLED	CLERICAL SKILLED					
1											2
2											4
3											7
4											9
5											11
6											
7											
8											
9											
10											

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1 NAME: Miri Town Development

NO: NAME: NAME: NAME: NAME: NAME: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
2: STATE GOVERNMENT
3: LOCAL GOVERNMENT
4: STATUTORY BODIES
5: PUBLIC FUNDS
6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS
8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Mid-Term Review of the Second Malaysia Plan
2:
3:
4:
5:

DERIVED EFFECTS OF INVESTMENT IN THE PROJECT

PROJECT NUMBER: 50 SECTOR: TRANSPORT

PLANNING: L & SD
DEPARTMENT: IMPLEMENTATION: PND
BUDGET: PND

NAME OF PROJECT: Urban roads - Miri

DESCRIPTION: Construction, improvements and surfacing of roads within Miri town areas, including improvements to the Miri-Landing road.
Cost figures derived from the Mid-Term Review of the Second Malaysia Plan are 'lump sum'. The project is specified for the Action Programme period only.

CONTENTS

TOTAL INVESTMENT COSTS: \$3 000 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR:

1: \$500 000 2: \$500 000 3: \$500 000 4: \$500 000 5: \$500 000
6: \$500 000 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: 1976

1: \$17 000 2: \$33 000 3: \$50 000 4: \$67 000 5: \$83 000
6: 71 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

REFERENCES:

IDENTIFICATION	PROJECT NUMBER: 52	SECTOR: TRANSPORT
	DEPARTMENT: PLANNING: IMPLEMENTATION: } PWD BUDGET:	
	NAME OF PROJECT: LMG road	
CONTENTS	DESCRIPTION: Trunk road standard - 0.9 miles Width of formation - 44 feet Pavement - 24 feet Surface - gravel	
	TOTAL INVESTMENT COSTS: \$270 000 INVESTMENT PERIOD: 1975 to 1976	
	INVESTMENT YEAR BY YEAR: 1975 + 1: \$135 000 2: \$135 000 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20: 21: 22: 23: 24: 25: 26: 27: 28: 29: 30: 31: 32: 33: 34: 35: 36: 37: 38: 39: 40: 41: 42: 43: 44: 45: 46: 47: 48: 49: 50: 51: 52: 53: 54: 55: 56: 57: 58: 59: 60: 61: 62: 63: 64: 65: 66: 67: 68: 69: 70: 71: 72: 73: 74: 75: 76: 77: 78: 79: 80: 81: 82: 83: 84: 85: 86: 87: 88: 89: 90: 91: etc 92: 93: 94: 95: 96: 97: 98: 99: 100: 101: 102: 103: 104: 105: 106: 107: 108: 109: 110: 111: 112: 113: 114: 115: 116: 117: 118: 119: 120: 121: 122: 123: 124: 125: 126: 127: 128: 129: 130: 131: 132: 133: 134: 135: 136: 137: 138: 139: 140: 141: 142: 143: 144: 145: 146: 147: 148: 149: 150: 151: 152: 153: 154: 155: 156: 157: 158: 159: 160: 161: 162: 163: 164: 165: 166: 167: 168: 169: 170: 171: 172: 173: 174: 175: 176: 177: 178: 179: 180: 181: 182: 183: 184: 185: 186: 187: 188: 189: 190: 191: 192: 193: 194: 195: 196: 197: 198: 199: 200: 201: 202: 203: 204: 205: 206: 207: 208: 209: 210: 211: 212: 213: 214: 215: 216: 217: 218: 219: 220: 221: 222: 223: 224: 225: 226: 227: 228: 229: 230: 231: 232: 233: 234: 235: 236: 237: 238: 239: 240: 241: 242: 243: 244: 245: 246: 247: 248: 249: 250: 251: 252: 253: 254: 255: 256: 257: 258: 259: 260: 261: 262: 263: 264: 265: 266: 267: 268: 269: 270: 271: 272: 273: 274: 275: 276: 277: 278: 279: 280: 281: 282: 283: 284: 285: 286: 287: 288: 289: 290: 291: 292: 293: 294: 295: 296: 297: 298: 299: 300: 301: 302: 303: 304: 305: 306: 307: 308: 309: 310: 311: 312: 313: 314: 315: 316: 317: 318: 319: 320: 321: 322: 323: 324: 325: 326: 327: 328: 329: 330: 331: 332: 333: 334: 335: 336: 337: 338: 339: 340: 341: 342: 343: 344: 345: 346: 347: 348: 349: 350: 351: 352: 353: 354: 355: 356: 357: 358: 359: 360: 361: 362: 363: 364: 365: 366: 367: 368: 369: 370: 371: 372: 373: 374: 375: 376: 377: 378: 379: 380: 381: 382: 383: 384: 385: 386: 387: 388: 389: 390: 391: 392: 393: 394: 395: 396: 397: 398: 399: 400: 401: 402: 403: 404: 405: 406: 407: 408: 409: 410: 411: 412: 413: 414: 415: 416: 417: 418: 419: 420: 421: 422: 423: 424: 425: 426: 427: 428: 429: 430: 431: 432: 433: 434: 435: 436: 437: 438: 439: 440: 441: 442: 443: 444: 445: 446: 447: 448: 449: 450: 451: 452: 453: 454: 455: 456: 457: 458: 459: 460: 461: 462: 463: 464: 465: 466: 467: 468: 469: 470: 471: 472: 473: 474: 475: 476: 477: 478: 479: 480: 481: 482: 483: 484: 485: 486: 487: 488: 489: 490: 491: 492: 493: 494: 495: 496: 497: 498: 499: 500: 501: 502: 503: 504: 505: 506: 507: 508: 509: 510: 511: 512: 513: 514: 515: 516: 517: 518: 519: 520: 521: 522: 523: 524: 525: 526: 527: 528: 529: 530: 531: 532: 533: 534: 535: 536: 537: 538: 539: 540: 541: 542: 543: 544: 545: 546: 547: 548: 549: 550: 551: 552: 553: 554: 555: 556: 557: 558: 559: 560: 561: 562: 563: 564: 565: 566: 567: 568: 569: 570: 571: 572: 573: 574: 575: 576: 577: 578: 579: 580: 581: 582: 583: 584: 585: 586: 587: 588: 589: 590: 591: 592: 593: 594: 595: 596: 597: 598: 599: 600: 601: 602: 603: 604: 605: 606: 607: 608: 609: 610: 611: 612: 613: 614: 615: 616: 617: 618: 619: 620: 621: 622: 623: 624: 625: 626: 627: 628: 629: 630: 631: 632: 633: 634: 635: 636: 637: 638: 639: 640: 641: 642: 643: 644: 645: 646: 647: 648: 649: 650: 651: 652: 653: 654: 655: 656: 657: 658: 659: 660: 661: 662: 663: 664: 665: 666: 667: 668: 669: 670: 671: 672: 673: 674: 675: 676: 677: 678: 679: 680: 681: 682: 683: 684: 685: 686: 687: 688: 689: 690: 691: 692: 693: 694: 695: 696: 697: 698: 699: 700: 701: 702: 703: 704: 705: 706: 707: 708: 709: 710: 711: 712: 713: 714: 715: 716: 717: 718: 719: 720: 721: 722: 723: 724: 725: 726: 727: 728: 729: 730: 731: 732: 733: 734: 735: 736: 737: 738: 739: 740: 741: 742: 743: 744: 745: 746: 747: 748: 749: 750: 751: 752: 753: 754: 755: 756: 757: 758: 759: 760: 761: 762: 763: 764: 765: 766: 767: 768: 769: 770: 771: 772: 773: 774: 775: 776: 777: 778: 779: 780: 781: 782: 783: 784: 785: 786: 787: 788: 789: 790: 791: 792: 793: 794: 795: 796: 797: 798: 799: 800: 801: 802: 803: 804: 805: 806: 807: 808: 809: 810: 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1009: 1010: 1011: 1012: 1013: 1014: 1015: 1016: 1017: 1018: 1019: 1020: 1021: 1022: 1023: 1024: 1025: 1026: 1027: 1028: 1029: 1030: 1031: 1032: 1033: 1034: 1035: 1036: 1037: 1038: 1039: 1040: 1041: 1042: 1043: 1044: 1045: 1046: 1047: 1048: 1049: 1050: 1051: 1052: 1053: 1054: 1055: 1056: 1057: 1058: 1059: 1060: 1061: 1062: 1063: 1064: 1065: 1066: 1067: 1068: 1069: 1070: 1071: 1072: 1073: 1074: 1075: 1076: 1077: 1078: 1079: 1080: 1081: 1082: 1083: 1084: 1085: 1086: 1087: 1088: 1089: 1090: 1091: 1092: 1093: 1094: 1095: 1096: 1097: 1098: 1099: 1100: 1101: 1102: 1103: 1104: 1105: 1106: 1107: 1108: 1109: 1110: 1111: 1112: 1113: 1114: 1115: 1116: 1117: 1118: 1119: 1120: 1121: 1122: 1123: 1124: 1125: 1126: 1127: 1128: 1129: 1130: 1131: 1132: 1133: 1134: 1135: 1136: 1137: 1138: 1139: 1140: 1141: 1142: 1143: 1144: 1145: 1146: 1147: 1148: 1149: 1150: 1151: 1152: 1153: 1154: 1155: 1156: 1157: 1158: 1159: 1160: 1161: 1162: 1163: 1164: 1165: 1166: 1167: 1168: 1169: 1170: 1171: 1172: 1173: 1174: 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1341: 1342: 1343: 1344: 1345: 1346: 1347: 1348: 1349: 1350: 1351: 1352: 1353: 1354: 1355: 1356: 1357: 1358: 1359: 1360: 1361: 1362: 1363: 1364: 1365: 1366: 1367: 1368: 1369: 1370: 1371: 1372: 1373: 1374: 1375: 1376: 1377: 1378: 1379: 1380: 1381: 1382: 1383: 1384: 1385: 1386: 1387: 1388: 1389: 1390: 1391: 1392: 1393: 1394: 1395: 1396: 1397: 1398: 1399: 1400: 1401: 1402: 1403: 1404: 1405: 1406: 1407: 1408: 1409: 1410: 1411: 1412: 1413: 1414: 1415: 1416: 1417: 1418: 1419: 1420: 1421: 1422: 1423: 1424: 1425: 1426: 1427: 1428: 1429: 1430: 1431: 1432: 1433: 1434: 1435: 1436: 1437: 1438: 1439: 1440: 1441: 1442: 1443: 1444: 1445: 1446: 1447: 1448: 1449: 1450: 1451: 1452: 1453: 1454: 1455: 1456: 1457: 1458: 1459: 1460: 1461: 1462: 1463: 1464: 1465: 1466: 1467: 1468: 1469: 1470: 1471: 1472: 1473: 1474: 1475: 1476: 1477: 1478: 1479: 1480: 1481: 1482: 1483: 1484: 1485: 1486: 1487: 1488: 1489: 1490: 1491: 1492: 1493: 1494: 1495: 1496: 1497: 1498: 1499: 1500: 1501: 1502: 1503: 1504: 1505: 1506: 1507: 1508: 1509: 1510: 1511: 1512: 1513: 1514: 1515: 1516: 1517: 1518: 1519: 1520: 1521: 1522: 1523: 1524: 1525: 1526: 1527: 1528: 1529: 1530: 1531: 1532: 1533: 1534: 1535: 1536: 1537: 1538: 1539: 1540: 1541: 1542: 1543: 1544: 1545: 1546: 1547: 1548: 1549: 1550: 1551: 1552: 1553: 1554: 1555: 1556: 1557: 1558: 1559: 1560: 1561: 1562: 1563: 1564: 1565: 1566: 1567: 1568: 1569: 1570: 1571: 1572: 1573: 1574: 1575: 1576: 1577: 1578: 1579: 1580: 1581: 1582: 1583: 1584: 1585: 1586: 1587: 1588: 1589: 1590: 1591: 1592: 1593: 1594: 1595: 1596: 1597: 1598: 1599: 1600: 1601: 1602: 1603: 1604: 1605: 1606: 1607: 1608: 1609: 1610: 1611: 1612: 1613: 1614: 1615: 1616: 1617: 1618: 1619: 1620: 1621: 1622: 1623: 1624: 1625: 1626: 1627: 1628: 1629: 1630: 1631: 1632: 1633: 1634: 1635: 1636: 1637: 1638: 1639: 1640: 1641: 1642: 1643: 1644: 1645: 1646: 1647: 1648: 1649: 1650: 1651: 1652: 1653: 1654: 1655: 1656: 1657: 1658: 1659: 1660: 1661: 1662: 1663: 1664: 1665: 1666: 1667: 1668: 1669: 1670: 1671: 1672: 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1839: 1840: 1841: 1842: 1843: 1844: 1845: 1846: 1847: 1848: 1849: 1850: 1851: 1852: 1853: 1854: 1855: 1856: 1857: 1858: 1859: 1860: 1861: 1862: 1863: 1864: 1865: 1866: 1867: 1868: 1869: 1870: 1871: 1872: 1873: 1874: 1875: 1876: 1877: 1878: 1879: 1880: 1881: 1882: 1883: 1884: 1885: 1886: 1887: 1888: 1889: 1890: 1891: 1892: 1893: 1894: 1895: 1896: 1897: 1898: 1899: 1900: 1901: 1902: 1903: 1904: 1905: 1906: 1907: 1908: 1909: 1910: 1911: 1912: 1913: 1914: 1915: 1916: 1917: 1918: 1919: 1920: 1921: 1922: 1923: 1924: 1925: 1926: 1927: 1928: 1929: 1930: 1931: 1932: 1933: 1934: 1935: 1936: 1937: 1938: 1939: 1940: 1941: 1942: 1943: 1944: 1945: 1946: 1947: 1948: 1949: 1950: 1951: 1952: 1953: 1954: 1955: 1956: 1957: 1958: 1959: 1960: 1961: 1962: 1963: 1964: 1965: 1966: 1967: 1968: 1969: 1970: 1971: 1972: 1973: 1974: 1975: 1976: 1977: 1978: 1979: 1980: 1981: 1982: 1983: 1984: 1985: 1986: 1987: 1988: 1989: 1990: 1991: 1992: 1993: 1994: 1995: 1996: 1997: 1998: 1999: 20	

IDENTIFICATION	PROJECT NUMBER: 53	SECTOR: TRANSPORT
	PLANNING: <input type="checkbox"/> NEW <input type="checkbox"/> EXISTING IMPLEMENTATION: <input type="checkbox"/> PUBLIC <input type="checkbox"/> PRIVATE BUDGET: <input type="checkbox"/> PUBLIC <input type="checkbox"/> PRIVATE	
CONTENTS	NAME OF PROJECT: Public transport - Residual	
	DESCRIPTION: Establishment of new bus services during Action Programs period - 30 buses	
	TOTAL INVESTMENT COSTS: \$900 000	INVESTMENT PERIOD: 1975 to 1980
	INVESTMENT YEAR BY YEAR:	
	1: \$150 000 2: \$150 000 3: \$150 000 4: \$150 000 5: \$150 000	6: \$150 000 7: 8: 9: 10:
	OPERATING COSTS YEAR BY YEAR:	
	1: 2: 3: 4: 5:	6: 7: 8: 9: 10:
	11: 12: 13: 14: 15:	16: 17: 18: 19: 20:
	REVENUES YEAR BY YEAR: 1975+	
	1: \$100 000 2: \$300 000 3: \$300 000 4: \$400 000 5: \$500 000	6: \$600 000 7: 8: 9: 10:
	11: 12: 13: 14: 15:	16: 17: 18: 19: 20:
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

MAIN EFFECTS ON THE ENVIRONMENT: Improved public transport system																																																																																				
EMPLOYMENT:	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td>20</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td>30</td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td>40</td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td>50</td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td>60</td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	TOTAL	1						10	2						20	3						30	4						40	5						50	6						60	7							8							9							10						
YEAR	CONSTRUCTION			OPERATION																																																																																
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	TOTAL																																																																														
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9																																																																																				
10																																																																																				
DERIVED OF EFFECTS OF IMPLEMENTING THE PROJECT	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O) YEARLY PRODUCTION: NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:																																																																																			
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:																																																																																			
FINANCING	POSSIBILITIES OF FINANCING: 1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS																																																																																			
REFERENCES	REFERENCES: 1: Supporting Report 7 2: 3: 4: 5:																																																																																			

IDENTIFICATION	PROJECT NUMBER: 54		SECTOR: PUBLIC SERVICES	
	DEPARTMENT	FINANCING: ID IMPLEMENTATION: PWD BUDGET: ED		
CONTENTS	NAME OF PROJECT: Primary school (semi-permanent)			
	DESCRIPTION: One stream unit with teachers' quarters, 210 to 270 pupils (depending on the number of pupils in each classroom). The buildings are <u>semi-permanent</u> in rural areas. 6 classrooms 1 assembly hall 1 library 1 canteen 7 latrines, 7 toilets, 1 piling, etc. 7 teachers' quarters 1-5 acres (excluding teachers' quarters) Furniture and equipment Electricity and water connection to the main system Fencing			
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$57 500 INVESTMENT PERIOD: 1 year excluding cost of land			
	INVESTMENT YEAR BY YEAR: 1: \$27 500 2: 3: 4: 5: 6: 7: 8: 9: 10:			
	OPERATING COSTS YEAR BY YEAR:			
	1: \$31-40 000 2: \$31-40 000 3: \$31-40 000 4: \$31-40 000 5: \$31-40 000 6: etc 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:			
	REVENUES YEAR BY YEAR:			
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:			
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS The school facilities described could also accommodate two streams by introducing morning and afternoon classes. This would lead to an increase in operating costs, but not in investment costs.				
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: \$ Classrooms 10 000 Library 10 000 Toilet 12 000 Furniture and equipment 12 000 Teachers' flats/houses 15 000 Headmaster's house 27 000 \$ 1 office 10 000 1 assembly hall 30 000 Desks, leveling, piling, etc 12 000 Contingencies 14 000				

DETAILED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of 1 500 to 1 800 (one stream) and turns out 35 to 45 pupils per year from primary six level											
	EMPLOYMENT:					OPERATION						
DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	YEAR	PROFESSIO- NALS	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	CLERICAL AND SKILLED	UNSKILLED	TOTAL	
	1											
	2											
	3											
	4											
	5											
	6					7				1	8	
	7											
	8											
	9											
	10											
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)												
YEARLY PRODUCTION: 35 to 45 pupils from Primary Six per year												
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:												
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES											
	NO:	NAME: Related Town Development Schemes										
	NO:	NAME:										
	NO:	NAME:										
	NO:	NAME:										
FINANCING	POSSIBILITIES OF FINANCING:											
	1:	FEDERAL GOVERNMENT	2: STATE GOVERNMENT									
	3:	LOCAL GOVERNMENT	4: STATUTORY BODIES									
	5:	PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS									
	7:	PRIVATE FOREIGN LOANS	8: PUBLIC FOREIGN LOANS									
	REFERENCES:											
	1:	Supporting Report 6, Part 1										
2:												
3:												
4:												
5:												

PROJECT NUMBER: 56 SECTOR: PUBLIC SERVICES

DEPARTMENT: DC PLANNING: DC
 IMPLEMENTATION: DC BUDGET: DC

NAME OF PROJECT: Parks and playgrounds

DESCRIPTION: Development of parks and playgrounds in town and village areas.

TOTAL INVESTMENT COSTS: INVESTMENT PERIOD: 1 year

INVESTMENT YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:
 \$2 000 per acre

MAIN EFFECTS ON THE ENVIRONMENT: Improves recreational and play opportunities

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	UNSKILLED	TOTAL	PROFESSIO- NALS	UNSKILLED	TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

LINKS

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input checked="" type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

1:

2:

3:

4:

5:

PROJECT NUMBER: 58 **SECTOR:** PUBLIC SERVICES

DEPARTMENT: **PLANNING:** DC / SLAB
IMPLEMENTATION: DC / SLAB
DEPT: **DC / SLAB**

NAME OF PROJECT: Community Hall

DESCRIPTION: Capacity of 500 seats suitable for a village of about 2 000 people
 Building and small canteen entrance

DETAILED DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

TOTAL INVESTMENT COSTS: \$30 000 **INVESTMENT PERIOD:** 1 year

INVESTMENT YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

MAIN EFFECTS ON THE ENVIRONMENT: Improves recreational opportunities

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						1
2						1
3						1
4						1
5						1
6						1
7						
8						
9						
10						

DERIVED EFFECTS OF THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT
2:	STATE GOVERNMENT
3:	LOCAL GOVERNMENT
4:	STATUTORY BODIES
5:	PUBLIC FUNDS
6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS
8:	PUBLIC FOREIGN LOANS

REFERENCES:

1:	
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PROJECT NUMBER: 59 SECTOR: PUBLIC SERVICES

DEPARTMENT: PLANNING: SUB: all SUB ALL SUB PRIVATE State Subproject DA

BUGET: SUB SUB SUB Subproject DA

NAME OF PROJECT: Dismantling of village area

DESCRIPTION: Dismantling of the village area for new villages

TOTAL INVESTMENT COSTS: INVESTMENT PERIOD: 1973-1974

INVESTMENT YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:
\$20 per acre

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

LINKS:

NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

1:	
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DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 60 SECTOR: PUBLIC SERVICES

DEPARTMENT: PLANNING: SPU
 BUDGET: IMPLEMENTATION: PPD
 NAME OF PROJECT: Religious building SPU

DESCRIPTION:

CONTENTS

TOTAL INVESTMENT COSTS: \$50 000 INVESTMENT PERIOD: 1 year

INVESTMENT YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

YEAR	CONSTRUCTION		OPERATION		TOTAL
	PROFESSIO- NALS	CLERICAL AND SKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	
1					2
2					2
3					2
4					2
5					2
6					2
7					2
8					2
9					2
10					2

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input checked="" type="checkbox"/>	2:	STATE GOVERNMENT
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS

REFERENCES:

1:	
2:	
3:	
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5:	

DERIVED OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 61 SECTOR: PUBLIC SERVICES
 DEPARTMENT: MD
 IMPLEMENTATION: PRO
 BUDGET: MD
 NAME OF PROJECT: Community health centre

DESCRIPTION: 2 to 5 acres of land
 Boat shed cum store
 Vehicle, boats and engine
 Clinic building
 Equipments
 1. Toon barrack

TOTAL INVESTMENT COSTS: \$17 000 INVESTMENT PERIOD: 1 year
 excluding cost of land
 INVESTMENT YEAR BY YEAR:
 1: \$17 000 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 OPERATING COSTS YEAR BY YEAR:
 1: \$30 000 2: \$30 000 3: \$30 000 4: \$30 000 5: \$30 000
 6: etc 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:
 REVENUES YEAR BY YEAR:
 1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS
 UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:
 Boat shed cum store 10 000
 Vehicle, boats and engine 12 000
 Clinic building 10 000
 Equipments 25 000
 1. room

MAIN EFFECTS ON THE ENVIRONMENT: Serves a population threshold of 1 500 to 2 000

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7				5	5	10
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:
 NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:
 1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES
 NO: NAME: Related Town Development Schemes
 NO: NAME:
 NO: NAME:
 NO: NAME:
 NO: NAME:
 NO: NAME:

POSSIBILITIES OF FINANCING:
 1: FEDERAL GOVERNMENT
 2: STATE GOVERNMENT
 3: LOCAL GOVERNMENT
 4: STATUTORY BODIES
 5: PUBLIC FUNDS
 6: PRIVATE DOMESTIC SAVINGS
 7: PRIVATE FOREIGN LOANS
 8: PUBLIC FOREIGN LOANS

REFERENCES:
 1: Supporting Report 6, Part I
 2:
 3:
 4:
 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1977 PRICES)

MAIN EFFECTS ON THE ENVIRONMENT: Serious a population threshold of 5 000

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	TOTAL
1						
2						
3						
4						
5					5	5
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>
2:	STATE GOVERNMENT	<input checked="" type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>
4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>
6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>
8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- Supporting Report 6, Part I
-
-
- BALANCE OF PAYMENTS
-

DERIVED EFFECTS OF THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 62

PLANNING: IMP
IMPLEMENTATION: PKD
BUDGET: RMP

NAME OF PROJECT: Police post

DESCRIPTION: 1 Administration building
1 Toilet
Communication equipment
1 Motor cycle
1 Police post
Fencing
Area
14 Door barrack
Land requirements - 1 acre

TOTAL INVESTMENT COSTS: \$125 000

INVESTMENT YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Building	70 000
Quarters	20 000
Contingencies	23 000 (10%)
	6 000

PROJECT NUMBER: 63
 DEPARTMENT: PLANNING, IMPLEMENTATION: PSD
 BUDGET: PSD
 NAME OF PROJECT: Class C post office
 SECTOR: PUBLIC SERVICES

DESCRIPTION: Building
 Parking
 Land requirements - 0.3 acres
 Road access
 Equipment and transport
 2 Class IV Quarters

TOTAL INVESTMENT COSTS: \$62 000 INVESTMENT PERIOD: 1 year
 INVESTMENT YEAR BY YEAR:
 1: \$62 000 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 OPERATING COSTS YEAR BY YEAR:
 1: \$15 000 2: \$15 000 3: \$15 000 4: \$15 000 5: \$15 000
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:
 REVENUES YEAR BY YEAR:
 1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS
 UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:
 Building 18 000
 Parking 800
 Land requirements 2
 Road access 200
 Equipment and transport 19 800
 Quarters 40 000

MAIN EFFECTS ON THE ENVIRONMENT: Serves a population threshold of 5 000

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6				2	2	4
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:
 1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO:	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>
2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>
4: STATUTORY BODIES	<input type="checkbox"/>
5: PUBLIC FUNDS	<input type="checkbox"/>
6: PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>
8: PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

1: Supporting Report 6, Part I
 2:
 3:
 4:
 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINES

FINANCING

REFERENCES

IDENTIFICATION	PROJECT NUMBER: 64	SECTOR: PUBLIC SERVICES
	PLANNING: } DEPARTMENT } IMPLEMENTATION: } PSD	
	NAME OF PROJECT: Postal agent	
CONTENTS	DESCRIPTION: The postal agent is established in a shophouse	
	TOTAL INVESTMENT COSTS:	INVESTMENT PERIOD:
	INVESTMENT YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10:	OPERATING COSTS YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20: REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: Improve the postal services										
	EMPLOYMENT:										
	YEAR	CONSTRUCTION			OPERATION			TOTAL			
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)										
	YEARLY PRODUCTION:										
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:										
	1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	
	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:	
	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES										
LINKS	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	
	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	
	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	
	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	
	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	
FINANCING	POSSIBILITIES OF FINANCING:										
	1:	FEDERAL GOVERNMENT	<input checked="" type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>	3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES
	5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>	7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS
	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	
	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	
REFERENCES	REFERENCES:										
	1:		2:		3:		4:		5:		
	6:		7:		8:		9:		10:		
	11:		12:		13:		14:		15:		
	16:		17:		18:		19:		20:		

MAIN EFFECTS ON THE ENVIRONMENT: Serves a population threshold of more than 20 000 people

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6				2	8	6
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO: 1	NAME: Miri Town Development
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:
NO: 6	NAME:
NO: 7	NAME:
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:
NO: 11	NAME:
NO: 12	NAME:
NO: 13	NAME:
NO: 14	NAME:
NO: 15	NAME:
NO: 16	NAME:
NO: 17	NAME:
NO: 18	NAME:
NO: 19	NAME:
NO: 20	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTEY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- 1: Supporting Report 6, Part I
- 2:
- 3:
- 4:
- 5:

PROJECT NUMBER: 65 SECTOR: PUBLIC SERVICES

PLANNING: PSD
IMPLEMENTATION: PND
BUDGET: PSD

NAME OF PROJECT: Post office - Class A

DESCRIPTION: Building
Electricity and water
Parking
Post office
Air conditioning
Road access
Equipment and transport

TOTAL INVESTMENT COSTS: \$450 000 INVESTMENT PERIOD: 1 year

INVESTMENT YEAR BY YEAR:

1:	\$450 000	2:	3:	4:	5:
6:		7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1:	\$92 000	2:	\$92 000	3:	\$92 000	4:	\$92 000	5:	\$92 000
6:	etc	7:		8:		9:		10:	
11:		12:		13:		14:		15:	
16:		17:		18:		19:		20:	

REVENUES YEAR BY YEAR:

1:		2:		3:		4:		5:	
6:		7:		8:		9:		10:	
11:		12:		13:		14:		15:	
16:		17:		18:		19:		20:	

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Building	160 000
Electricity and water	1 000
Post office	1 000
Contingencies	10 000
Air conditioning	1 100
Road access	2 100
Equipment and transport	15 000
Quarters	220 000

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

IDENTIFICATION	PROJECT NUMBER: 66	SECTOR: PUBLIC SERVICES
	DEPARTMENT: PLANNING: IMPLEMENTATION: } L & SD BUDGET: }	
CONTENTS	NAME OF PROJECT: Town Plan - Miri and Bistulu	
	DESCRIPTION: Detailed town plans for Miri and Bistulu should be worked out based on the ideas contained in the outline plans. This could either be carried out by the Land and Survey Department or by a team of Consultants. No costs have been indicated for this task.	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS:	INVESTMENT PERIOD:
	INVESTMENT YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10:	OPERATING COSTS YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:		

MAIN EFFECTS ON THE ENVIRONMENT:	EMPLOYMENT:									
	CONSTRUCTION	OPERATION								
DERIVED EFFECTS ON THE ENVIRONMENT ARISING FROM THE PROJECT	YEAR	PROFESSIONALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIONALS	CLERICAL SKILLED	UNSKILLED	TOTAL	
	1									
	2									
	3									
	4									
	5									
	6									
	7									
	8									
	9									
	10									
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)										
YEARLY PRODUCTION:										
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:										
	1:	2:	3:	4:	5:					
	6:	7:	8:	9:	10:					
	11:	12:	13:	14:	15:					
	16:	17:	18:	19:	20:					
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES									
	NO: 1	NAME: Miri Town Development								
	NO: 2	NAME: Bistulu Town Development								
	NO: 3	NAME:								
	NO: 4	NAME:								
	NO: 5	NAME:								
	NO: 6	NAME:								
	NO: 7	NAME:								
	NO: 8	NAME:								
	NO: 9	NAME:								
	NO: 10	NAME:								
FINANCING	POSSIBILITIES OF FINANCING:									
	1:	FEDERAL GOVERNMENT								
	2:	STATE GOVERNMENT								
	3:	LOCAL GOVERNMENT								
	4:	STATUTORY BODIES								
	5:	PUBLIC FUNDS								
	6:	PRIVATE DOMESTIC SAVINGS								
	7:	PRIVATE FOREIGN LOANS								
	8:	PUBLIC FOREIGN LOANS								
REFERENCES	REFERENCES:									
	1:									
	2:									
	3:									
	4:									
	5:									

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: NAME: DEVELOPMENT OF all new towns and villages

NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
2: STATE GOVERNMENT
3: LOCAL GOVERNMENT
4: STATUTORY BODIES
5: PUBLIC FUNDS
6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS
8: PUBLIC FOREIGN LOANS

REFERENCES:

1:
2:
3:
4:
5:

PROJECT NUMBER: 67 SECTOR: PUBLIC SERVICES

DEPARTMENT: L & SD

PLANNING: }
IMPLEMENTATION: }
BUDGET: }

NAME OF PROJECT: Air-photos (mapping)

DESCRIPTION: After clearing of the town/village sites, aerial photographs will be taken to be used for the detailed town planning. No costs for this task have been indicated.

DERIVED FROM THE PROJECT

TOTAL INVESTMENT COSTS: INVESTMENT PERIOD:

INVESTMENT YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

REFERENCES:

IDENTIFICATION		PROJECT NUMBER: 68		SECTOR: PUBLIC SERVICES	
DEPARTMENT		PLANNING: TAMPUNISTAN: } L&SD		BUDGET: }	
NAME OF PROJECT: Detailed planning of village area					
<p>DESCRIPTION: Detailed planning of each town based on the structure plans worked out by this Study. It is assumed that this will be done within the existing capacity of the Land and Survey Department. No costs have been indicated.</p>					
<p>CONTENTS</p>					
<p>TOTAL INVESTMENT COSTS:</p>					
<p>INVESTMENT YEAR BY YEAR:</p>					
<p>1: 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p>					
<p>OPERATING COSTS YEAR BY YEAR:</p>					
<p>1: 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p>					
<p>REVENUES YEAR BY YEAR:</p>					
<p>1: 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p>					
<p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p>					
<p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:</p>					
<p>1: 2: 3: 4: 5:</p>					
<p>6: 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p>					
<p>NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:</p>					
<p>1: 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p>					
<p>LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES</p>					
<p>NO: 3 to 11</p> <p>NAME: Town Development Packages for all towns and villages except Miri and Bintulu</p>					
<p>NO: NAME:</p> <p>NO: NAME:</p> <p>NO: NAME:</p> <p>NO: NAME:</p> <p>NO: NAME:</p>					
<p>POSSIBILITIES OF FINANCING:</p>					
<p>1: FEDERAL GOVERNMENT <input type="checkbox"/></p> <p>2: STATE GOVERNMENT <input type="checkbox"/></p> <p>3: LOCAL GOVERNMENT <input checked="" type="checkbox"/></p> <p>4: STATUTORY BODIES <input type="checkbox"/></p> <p>5: PUBLIC FUNDS <input type="checkbox"/></p> <p>6: PRIVATE DOMESTIC SAVINGS <input type="checkbox"/></p> <p>7: PRIVATE FOREIGN LOANS <input type="checkbox"/></p> <p>8: PUBLIC FOREIGN LOANS <input type="checkbox"/></p>					
<p>REFERENCES:</p> <p>1: 2: 3: 4: 5:</p>					

IDENTIFICATION		PROJECT NUMBER: 68		SECTOR: PUBLIC SERVICES	
DEPARTMENT		PLANNING: TAMPUNISTAN: } L&SD		BUDGET: }	
NAME OF PROJECT: Detailed planning of village area					
<p>DESCRIPTION: Detailed planning of each town based on the structure plans worked out by this Study. It is assumed that this will be done within the existing capacity of the Land and Survey Department. No costs have been indicated.</p>					
<p>CONTENTS</p>					
<p>TOTAL INVESTMENT COSTS:</p>					
<p>INVESTMENT YEAR BY YEAR:</p>					
<p>1: 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p>					
<p>OPERATING COSTS YEAR BY YEAR:</p>					
<p>1: 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p>					
<p>REVENUES YEAR BY YEAR:</p>					
<p>1: 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p>					
<p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p>					
<p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:</p>					
<p>1: 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p>					
<p>NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:</p>					
<p>1: 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p>					
<p>LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES</p>					
<p>NO: 3 to 11</p> <p>NAME: Town Development Packages for all towns and villages except Miri and Bintulu</p>					
<p>NO: NAME:</p> <p>NO: NAME:</p> <p>NO: NAME:</p> <p>NO: NAME:</p> <p>NO: NAME:</p>					
<p>POSSIBILITIES OF FINANCING:</p>					
<p>1: FEDERAL GOVERNMENT <input type="checkbox"/></p> <p>2: STATE GOVERNMENT <input type="checkbox"/></p> <p>3: LOCAL GOVERNMENT <input checked="" type="checkbox"/></p> <p>4: STATUTORY BODIES <input type="checkbox"/></p> <p>5: PUBLIC FUNDS <input type="checkbox"/></p> <p>6: PRIVATE DOMESTIC SAVINGS <input type="checkbox"/></p> <p>7: PRIVATE FOREIGN LOANS <input type="checkbox"/></p> <p>8: PUBLIC FOREIGN LOANS <input type="checkbox"/></p>					
<p>REFERENCES:</p> <p>1: 2: 3: 4: 5:</p>					

IDENTIFICATION	PROJECT NUMBER: 69	SECTOR: PUBLIC SERVICES
	DEPARTMENT	PLANNING: IMPLEMENTATION: } PND
	NAME OF PROJECT: Clearing of town site - Timong village	
CONTENTS	DESCRIPTION: Clearing of 100 acres for the Timong village	
	TOTAL INVESTMENT COSTS: \$17 000 INVESTMENT PERIOD: 1975	
	INVESTMENT YEAR BY YEAR:	
COSTS AND REVENUES (1977 PRICES)	OPERATING COSTS YEAR BY YEAR:	
	REVENUES YEAR BY YEAR:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: \$170 per acre		

DEPICTED OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:																																																																																																																													
	EMPLOYMENT:																																																																																																																													
DERIVED OF IMPLEMENTING THE PROJECT	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> <th rowspan="2">TOTAL</th> <th rowspan="2">UNSKILLED</th> <th rowspan="2">TOTAL</th> </tr> <tr> <th>PROFESSIO-NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED</th> <th>PROFESSIO-NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>										YEAR	CONSTRUCTION			OPERATION			TOTAL	UNSKILLED	TOTAL	PROFESSIO-NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO-NALS	CLERICAL AND SKILLED	UNSKILLED	1										2										3										4										5										6										7										8										9										10									
	YEAR	CONSTRUCTION			OPERATION			TOTAL	UNSKILLED	TOTAL																																																																																																																				
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	NO: 21	NAME: Timong Village Development																																																																																																																												
	NO: 24	NAME: Labang Timber Complex																																																																																																																												
	NO:	NAME:																																																																																																																												
	NO:	NAME:																																																																																																																												
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	3:	LOCAL GOVERNMENT	<input checked="" type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>																																																																																																																								
	5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>																																																																																																																								
	7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>																																																																																																																								
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IDENTIFICATION	PROJECT NUMBER: 70 A	SECTOR: PUBLIC SERVICES
	DEPARTMENT: L & SD IMPLEMENTATION: PMO BUDGET: PMO	
CONTENTS	NAME OF PROJECT: Government office complex - Miri	
	DESCRIPTION: Construction of a new Government office block in Miri Provisional estimate of costs, employment and investment period	
COSTS AND REVENUES (1977 PRICES)	TOTAL INVESTMENT COSTS: \$2 000 000	INVESTMENT PERIOD: 1975 to 1976
	INVESTMENT YEAR BY YEAR: 1: \$1 000 000 2: \$1 000 000 3: 4: 5: 6: 7: 8: 9: 10:	
FINANCING	OPERATING COSTS YEAR BY YEAR: 1977 1: \$400 000 2: etc 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
REFERENCES	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

MAIN EFFECTS ON THE ENVIRONMENT: Improves the public services in the area

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1								
2								
3								180
4								180
5								180
6								180
7								
8								
9								
10								

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1	NAME: Miri Town Development
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:
NO: 6	NAME:
NO: 7	NAME:
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:
NO: 11	NAME:
NO: 12	NAME:
NO: 13	NAME:
NO: 14	NAME:
NO: 15	NAME:
NO: 16	NAME:
NO: 17	NAME:
NO: 18	NAME:
NO: 19	NAME:
NO: 20	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>
2:	STATE GOVERNMENT	<input checked="" type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>
4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>
6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>
8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- 1: Supporting Report 5
- 2:
- 3:
- 4:
- 5:

IDENTIFICATION	PROJECT NUMBER: 70 B	SECTOR: PUBLIC SERVICES
	PLANNING: L & SD PRESENTATION: AND BUDGET: FND	
CONTENTS	NAME OF PROJECT: Government office complex - Biastula	
	DESCRIPTION: Construction of a new Government office complex in Biastula Provisional estimate of costs, employment and investment period	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$600 000	
	INVESTMENT YEAR BY YEAR: 1: \$400 000 2: \$400 000 3: 4: 5: 6: 7: 8: 9: 10:	
	OPERATING COSTS YEAR BY YEAR: 1977	
	1: \$200 000 2: \$200 000 3: \$200 000 4: etc 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:		

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	<p>MAIN EFFECTS ON THE ENVIRONMENT: Improves the public services in the area</p> <p>EMPLOYMENT:</p> <table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> <th rowspan="2">TOTAL</th> <th rowspan="2">UNSKILLED</th> <th rowspan="2">TOTAL</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>40</td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>40</td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>40</td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>40</td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>40</td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>40</td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>40</td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>40</td></tr> </tbody> </table>										YEAR	CONSTRUCTION			OPERATION			TOTAL	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	1										2										3									40	4									40	5									40	6									40	7									40	8									40	9									40	10									40
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MAIN EFFECTS ON THE ENVIRONMENT: Surveys a population threshold of between 15 000 and 20 000 people

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
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8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 6, Part I

DERIVED OF EFFECTS OF INVESTMENT CONCERNING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 74 SECTOR: PUBLIC SERVICES

PLANNING: # 4 10
IMPLEMENTATION: # 4 10
BUDGET: # 4 10

DESCRIPTION: Sub district office
Forestry
Toilet, lobbies, etc.
Flag pole, furniture
Contingencies

Agriculture
Treasury
Electricity and water
Toilet, lobbies, etc.
2 Class III quarters
12 Class IV quarters

TOTAL INVESTMENT COSTS: \$424 000 INVESTMENT PERIOD: 1 year
excluding cost of land

INVESTMENT YEAR BY YEAR:

1: \$424 000	2:	3:	4:	5:
6: etc	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1: \$109 000	2: \$109 000	3: \$109 000	4: \$109 000	5: \$109 000
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Sub district office	22 000	Agriculture	10 000
Forestry	8 500	Treasury	5 000
Toilet, lobbies, etc.	5 000	Contingency	2 000
Electricity	10 000	Flag pole	500
Furniture	2 000	Equipment and vehicles	15 000
Contingencies	10 000	Quarters	334 000

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

IDENTIFICATION	PROJECT NUMBER: 72	SECTOR: PUBLIC SERVICES
	DEPARTMENT: L & SD PLANNING: IMPLEMENTATION; BORE: DC	
CONTENTS	NAME OF PROJECT: Kindergarten	
	DESCRIPTION: 2 Classes 0.5 acres	
COSTS AND REVENUES (1977 PRICES)	TOTAL INVESTMENT COSTS: \$20 000	
	INVESTMENT YEAR BY YEAR:	
	1: \$50 000	2: 3: 4: 5:
	6: 7: 8: 9: 10:	
	OPERATING COSTS YEAR BY YEAR:	
	1: \$12 000	2: etc 3: 4: 5:
	6: 7: 8: 9: 10:	
	11: 12: 13: 14: 15:	
	16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5:	
	6: 7: 8: 9: 10:	
	11: 12: 13: 14: 15:	
	16: 17: 18: 19: 20:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

EMPLOYMENT:	MAIN EFFECTS ON THE ENVIRONMENT: Improves the play and educational opportunities									
	CONSTRUCTION					OPERATION				
YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	UNSKILLED	TOTAL
1										
2										
3										
4										
5										4
6										
7										
8										
9										
10										
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)									
	YEARLY PRODUCTION:									
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:									
	1:	2:	3:	4:	5:	6:	7:	8:	9:	10:
	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:
	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES									
	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:
	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:
	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:
	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:
	POSSIBILITIES OF FINANCING:									
	1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT	3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES	5:	PUBLIC FUNDS
	6:	PRIVATE FOREIGN SAVINGS	7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS				
	REFERENCES:									
	1:		2:		3:		4:		5:	
	6:		7:		8:		9:		10:	
	11:		12:		13:		14:		15:	
	16:		17:		18:		19:		20:	
	DERIVED EFFECTS OF PROJECTS AND DEVELOPMENT PACKAGES ON THE PROJECT									
	LINKS									
	FINANCING									
	REFERENCES									

MAIN EFFECTS ON THE ENVIRONMENT: Serves the four SUB villages in the southern part of Lambir-Subia Development Area and a palm oil factory (Total population to be 8 900)

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION			TOTAL
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	
1							14
2							14
3							14
4							14
5							14
6							14
7							14
8							14
9							14
10							14

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION: From 104 million gallons per year in 1975 to 237 million gallons per year in 1980

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1 NAME: SL0B Village Development, and Pala Oil Factory in Lambir-Subia South Rural Development

NO: 2 NAME:

NO: 3 NAME:

NO: 4 NAME:

NO: 5 NAME:

NO: 6 NAME:

NO: 7 NAME:

NO: 8 NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT

2: STATE GOVERNMENT

3: LOCAL GOVERNMENT

4: STATUTORY BODIES

5: PUBLIC FUNDS

6: PRIVATE DOMESTIC SAVINGS

7: PRIVATE FOREIGN LOANS

8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 5

2: Supporting Report 6, Part III

3:

4:

5:

DERIVED OF EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 73 SECTOR: PUBLIC UTILITIES

DEPARTMENT: }
PLANNING: }
IMPLEMENTATION: }
BUDGET: } FND

NAME OF PROJECT: Water supply - Lambir-Subia South

DESCRIPTION:

Source from Sungai Niah, maximum output 1.0 mgd with enlargement to 1.1 mgd in the 1980's. The project is only specified for the Action Programme period.

Headworks (1 mgd)

Pipelines

Distribution network

Service storage (370 000 gallons)

(mgd = million gallon per day)

TOTAL INVESTMENT COSTS: \$ 664,000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR: 1975

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: 1976

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Headworks (1 mgd) \$ 84,000

Service storage (370 000 gallons) 222,000

Pipes (various) 1,356,000

Service storage system \$140 per head 1,120,000

Miscellaneous 126,000

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

MAIN EFFECTS ON THE ENVIRONMENT: Serves the four SLIB villages of Ladang Tiga, Sungai Tangit, Sabhis I and Sabhis II.

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL
1						
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4						
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10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1	NAME: SLIB Villages Development Scheme, Lambir-Sabis
NO: 2	NAME: South Rural Development
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:
NO: 6	NAME:
NO: 7	NAME:
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUORY BODIES	<input type="checkbox"/>
5: PUBLIC FUNDS	<input type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED EFFECTS OF INVESTMENT IN THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 7A SECTOR: PUBLIC UTILITIES

PLANNING: }
IMPLEMENTATION: } FWD
BUDGET: }

NAME OF PROJECT: Sewerage - Lambir-Sabis South

DESCRIPTION: Calculated on the basis of a representative agricultural village. The project is only specified for the Action Programme period.

Latrines for the general population
Septic tanks for shops and schools

TOTAL INVESTMENT COSTS: INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR: 1975	1:	2:	3:	4:	5:
1:	\$4 000	\$101 000	\$214 000	\$73 000	\$55 000
6:	\$56 000	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: 1975	1:	2:	3:	4:	5:
1:	\$10 000	\$2 000	\$6 000	\$7 000	\$9 000
6:	7:	8:	9:	10:	11:
12:	13:	14:	15:	16:	17:
18:	19:	20:			

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Latrines	\$ 18 per head
Septic tanks	210 per head
Small community system	250 per head

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

<p>MAIN EFFECTS ON THE ENVIRONMENT: Sarwa Bekem, Khablah, Tun Openg Basuar, Bukit Petaio, Jui and Lading Empat.</p>		<p>EMPLOYMENT:</p> <table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="2">CONSTRUCTION</th> <th colspan="2">OPERATION</th> <th rowspan="2">TOTAL</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>UNSKILLED AND SKILLED</th> <th>PROFESSIO- NALS</th> <th>UNSKILLED AND SKILLED</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td>4</td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td>5</td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td>5</td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		YEAR	CONSTRUCTION		OPERATION		TOTAL	PROFESSIO- NALS	UNSKILLED AND SKILLED	PROFESSIO- NALS	UNSKILLED AND SKILLED	1						2						3						4					4	5					5	6					5	7					6	8						9						10					
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<p>YEARLY PRODUCTION: From 28 million gallons per year in 1975 to 52 million gallons per year in 1980</p>		<p>NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:</p> <table border="1"> <tr><td>1:</td><td>2:</td><td>3:</td><td>4:</td><td>5:</td></tr> <tr><td>6:</td><td>7:</td><td>8:</td><td>9:</td><td>10:</td></tr> <tr><td>11:</td><td>12:</td><td>13:</td><td>14:</td><td>15:</td></tr> <tr><td>16:</td><td>17:</td><td>18:</td><td>19:</td><td>20:</td></tr> </table>		1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:																																																		
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3:																																																																									
4:																																																																									
5:																																																																									

IDENTIFICATION	<p>PROJECT NUMBER: 75</p> <p>DEPARTMENT: } PLANNING, REPRESENTATION: } PHD</p> <p>NAME OF PROJECT: Water supply - Lambir-Sabis North and Bekem</p> <p>SECTOR: PUBLIC UTILITIES</p>																																																																																																																								
CONTENTS	<p>DESCRIPTION:</p> <p>Source from Sungai Kejang, maximum output 0.3 mgd which can last until the 1990's</p> <p>TOTAL INVESTMENT COSTS: \$1 708 000</p> <p>INVESTMENT PERIOD: 6 years</p> <p>INVESTMENT YEAR BY YEAR: 1975</p> <table border="1"> <tr><td>1:</td><td>\$59 000</td><td>2:</td><td>\$399 000</td><td>3:</td><td>\$200 000</td><td>4:</td><td>\$70 000</td><td>5:</td><td>\$70 000</td></tr> <tr><td>6:</td><td>\$70 000</td><td>7:</td><td></td><td>8:</td><td></td><td>9:</td><td></td><td>10:</td><td></td></tr> </table> <p>OPERATING COSTS YEAR BY YEAR: 1975</p> <table border="1"> <tr><td>1:</td><td>\$56 000</td><td>2:</td><td>\$63 000</td><td>3:</td><td>\$65 000</td><td>4:</td><td>\$70 000</td><td>5:</td><td>\$74 000</td></tr> <tr><td>6:</td><td>\$78 000</td><td>7:</td><td></td><td>8:</td><td></td><td>9:</td><td></td><td>10:</td><td></td></tr> <tr><td>11:</td><td></td><td>12:</td><td></td><td>13:</td><td></td><td>14:</td><td></td><td>15:</td><td></td></tr> <tr><td>16:</td><td></td><td>17:</td><td></td><td>18:</td><td></td><td>19:</td><td></td><td>20:</td><td></td></tr> </table> <p>REVENUES YEAR BY YEAR:</p> <table border="1"> <tr><td>1:</td><td></td><td>2:</td><td></td><td>3:</td><td></td><td>4:</td><td></td><td>5:</td><td></td></tr> <tr><td>6:</td><td></td><td>7:</td><td></td><td>8:</td><td></td><td>9:</td><td></td><td>10:</td><td></td></tr> <tr><td>11:</td><td></td><td>12:</td><td></td><td>13:</td><td></td><td>14:</td><td></td><td>15:</td><td></td></tr> <tr><td>16:</td><td></td><td>17:</td><td></td><td>18:</td><td></td><td>19:</td><td></td><td>20:</td><td></td></tr> </table> <p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p> <p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:</p> <table border="1"> <tr><td>Headworks (3 mgd)</td><td>240 000</td><td></td><td></td></tr> <tr><td>26 300 feet of 3 inch pipes at \$5.17 per foot</td><td>136 000</td><td></td><td></td></tr> <tr><td>26 000 feet of 6 inch pipes at \$7.5 per foot</td><td>561 000</td><td></td><td></td></tr> <tr><td>Distribution network</td><td></td><td></td><td></td></tr> <tr><td>Service storage (102 000 gallons)</td><td>81 000</td><td></td><td></td></tr> </table>	1:	\$59 000	2:	\$399 000	3:	\$200 000	4:	\$70 000	5:	\$70 000	6:	\$70 000	7:		8:		9:		10:		1:	\$56 000	2:	\$63 000	3:	\$65 000	4:	\$70 000	5:	\$74 000	6:	\$78 000	7:		8:		9:		10:		11:		12:		13:		14:		15:		16:		17:		18:		19:		20:		1:		2:		3:		4:		5:		6:		7:		8:		9:		10:		11:		12:		13:		14:		15:		16:		17:		18:		19:		20:		Headworks (3 mgd)	240 000			26 300 feet of 3 inch pipes at \$5.17 per foot	136 000			26 000 feet of 6 inch pipes at \$7.5 per foot	561 000			Distribution network				Service storage (102 000 gallons)	81 000		
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Service storage (102 000 gallons)	81 000																																																																																																																								

MAIN EFFECTS ON THE ENVIRONMENT: Surra Mera-a village (population 1 300 by 1980)

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 3	NAME: Mera-a Rural Development
NO: 1	NAME:
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:
NO: 6	NAME:
NO: 7	NAME:
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:
NO: 11	NAME:
NO: 12	NAME:
NO: 13	NAME:
NO: 14	NAME:
NO: 15	NAME:
NO: 16	NAME:
NO: 17	NAME:
NO: 18	NAME:
NO: 19	NAME:
NO: 20	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED OF EFFECTS OF FINANCING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 76 SECTOR: PUBLIC UTILITIES

DEPARTMENT: PLANNING; IMPLEMENTATION; } PND
BUREAU: }

NAME OF PROJECT: Sewerage - Mera-a

DESCRIPTION: All population to be served by latrines and septic tanks for the shops and primary school. The project is only specified for the Action Programme period.

TOTAL INVESTMENT COSTS: \$61 000 INVESTMENT PERIOD: 1975 to 1977

INVESTMENT YEAR BY YEAR: 1975

1:	\$20 000	2:	\$33 000	3:	\$6 000	4:	5:
6:	7:	8:	9:	10:			

OPERATING COSTS YEAR BY YEAR: 1975

1:	2:	\$1 000	3:	\$1 000	4:	\$2 000	5:	\$1 000
6:	\$2 000	7:	8:	9:	10:			
11:	12:	13:	14:	15:				
16:	17:	18:	19:	20:				

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Latrines at \$18 per head
Septic tanks at \$210 per head

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

IDENTIFICATION	PROJECT NUMBER: 77	SECTOR: PUBLIC UTILITIES
	DEPARTMENT	PLANNING: IMPLEMENTATION: } FWD
	NAME OF PROJECT: Water supply - Miri	
CONTENTS	DESCRIPTION: Source from Sungai Libu, design output 2.0 mgd with future expansion to 4.0 mgd. The project is only specified for the Action Programme period. 15 000 feet of 12 inch pipes 35 000 feet of 15 inch pipes	

TOTAL INVESTMENT COSTS: \$3 848 000	INVESTMENT PERIOD: 1975 to 1980			
INVESTMENT YEAR BY YEAR: 1975				
1: \$210 000	2: \$1 640 000	3: \$240 000	4: \$940 000	5: \$512 000
6: \$278 000	7: 8:	9:	10:	
OPERATING COSTS YEAR BY YEAR: 1975				
1: \$611 000	2: \$635 000	3: \$662 000	4: \$666 000	5: \$715 000
6: \$743 000	7: 8:	9:	10:	
11: 12:	13:	14:	15:	
16:	17:	18:	19:	20:
REVENUES YEAR BY YEAR:				
1: 2:	3:	4:	5:	
6: 7:	8:	9:	10:	
11: 12:	13:	14:	15:	
16:	17:	18:	19:	20:

COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:
	\$
	15 inch pipe per foot 20
	12 inch pipe per foot 15.70
	1 000 000 gallons per day, addition 800 000
	Service, 100 000 60 000
	Distribution system per head 120

MAIN EFFECTS ON THE ENVIRONMENT: Supplies a total population of about 40 000 including the Lambir Village by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO-NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO-NALS	CLERICAL SKILLED	UNSKILLED TOTAL
1						42
2						42
3						42
4						42
5						42
6						42
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION: From 55 million gallons per year in 1975 to 675 million gallons per year in 1980

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1	NAME: Miri Town Development
NO: 2:	NAME:
NO: 3:	NAME:
NO: 4:	NAME:
NO: 5:	NAME:
NO: 6:	NAME:
NO: 7:	NAME:
NO: 8:	NAME:
NO: 9:	NAME:
NO: 10:	NAME:
NO: 11:	NAME:
NO: 12:	NAME:
NO: 13:	NAME:
NO: 14:	NAME:
NO: 15:	NAME:
NO: 16:	NAME:
NO: 17:	NAME:
NO: 18:	NAME:
NO: 19:	NAME:
NO: 20:	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT
3: LOCAL GOVERNMENT	4: STATUTORY BODIES
5: PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS	8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 5
2: Supporting Report 6, Part III
3:
4:
5:

IDENTIFICATION	PROJECT NUMBER: 78	SECTOR: PUBLIC UTILITIES
	DEPARTMENT	FINANCING: PWD
	NAME OF PROJECT: Sewerage - Miri	IMPLEMENTATION: PWD

DESCRIPTION: Septic tanks, small community system, main sewerage
 The project is only specified for the Action Programme period

TOTAL INVESTMENT COSTS: \$12 317 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR:

1: \$283 000	2: \$313 000	3: \$2 033 000	4: \$4 114 000	5: \$3 562 000
6: \$1 612 000	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1: \$37 000	2: \$64 000	3: \$69 000	4: \$74 000	5: \$134 000
6: \$164 000	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Septic tanks at \$210 per head
 Community system at \$250 per head

MAIN EFFECTS ON THE ENVIRONMENT: Streets + population of 36 000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1 NAME: Miri Town Development

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT
3: LOCAL GOVERNMENT	4: STATUTORY BODIES
5: PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS	8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 5
 2: Supporting Report 6, Part III
 3:
 4:
 5:

IDENTIFICATION	PROJECT NUMBER: 79	SECTOR: PUBLIC UTILITIES
	DEPARTMENT: PLANNING: IMPLEMENTATION: BUDGET: PMD	
	NAME OF PROJECT: Water supply - Bintulu	

DESCRIPTION:
 Source from Sungai Sibul - expected to be commissioned in mid 1974
 - assigned to produce 1.0 mgd for Bintulu and
 - 1.0 mgd for Kuching. The supply system is to be
 - work to be envisaged to 3.0 mgd in due course,
 10 inch pipes to Tujoong Kidang and service
 storage of 600 000 gallons
 The project is only specified for the Action Programme period.

TOTAL INVESTMENT COSTS: \$1 766 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR: 1975
 1: \$170 000 2: \$130 000 3: \$130 000 4: \$280 000 5: \$726 000
 6: \$130 000 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: 1975
 1: \$200 000 2: \$210 000 3: \$225 000 4: \$243 000 5: \$267 000
 6: \$299 000 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:
 1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:
 \$
 10 inch pipe per foot 12.70
 Distribution system per head 130
 Service storage per 100 000 gallons 60 000
 Average rate of provision per 1 000 gallons 1.70 - 1.30

CONTENTS

COSTS AND REVENUES (1977 PRICES)

MAIN EFFECTS ON THE ENVIRONMENT: Serves a total population of 14 000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	UNSKILLED	TOTAL	PROFESSIO- NALS	UNSKILLED	TOTAL
1						30
2						30
3						30
4						30
5						30
6						30
7						
8						
9						
10						

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION: From 118 million gallons per year in 1975 to 246 million gallons per year in 1980

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 2 NAME: Bintulu Town Development
 NO: NAME:
 NO: NAME:
 NO: NAME:
 NO: NAME:
 NO: NAME:

LINKS

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
 2: STATE GOVERNMENT
 3: LOCAL GOVERNMENT
 4: STATUTORY BODIES
 5: PUBLIC FUNDS
 6: PRIVATE DOMESTIC SAVINGS
 7: PRIVATE FOREIGN LOANS
 8: PUBLIC FOREIGN LOANS

FINANCING

REFERENCES:

1: Supporting Report 5
 2: Supporting Report 6, Part III
 3:
 4:
 5:

REFERENCES

MAIN EFFECTS ON THE ENVIRONMENT: Severe & Bistulu population of 14 000 in 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR, CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO: 2	NAME: Bistulu Town Development
NO: 1	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT
3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES
5:	PUBLIC FUNDS	6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

REVISED
POINTS
IMPLEMENTING
THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 80 SECTOR: PUBLIC UTILITIES

PLANNING: }
IMPLEMENTATION: } PND
BUDGET: }

NAME OF PROJECT: Sewerage - Bistulu

DESCRIPTION: Divided into three zones with separate disposal facilities for each. The project is only specified for the Action Programme period.

- 1 900 Septic tanks
- 1 Tanker vehicle

TOTAL INVESTMENT COSTS: \$7 394 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR:

1:	\$305 000	2:	\$1 910 000	3:	\$1 575 000	4:	\$672 000	5:	\$1 791 000
6:	\$1 141 000	7:		8:		9:		10:	

OPERATING COSTS YEAR BY YEAR:

1:	\$1 000	2:	\$11 000	3:	\$18 000	4:	\$36 000	5:	\$50 000
6:	\$62 000	7:		8:		9:		10:	
11:	12:	13:	14:	15:	16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:		2:		3:		4:		5:	
6:		7:		8:		9:		10:	
11:		12:		13:		14:		15:	
16:		17:		18:		19:		20:	

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

- 1 Septic tank per head 210
- 1 Tanker vehicle 35 000
- Community system per head 210

MAIN EFFECTS ON THE ENVIRONMENT: Serves a total population of 5 000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						10
2						10
3						10
4						10
5						10
6						10
7						
8						
9						
10						

DERIVED OF
EFFECTS OF
IMPLEMENTING
THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION: From 46 million gallons per year in 1975 to 57 million gallons per year in 1980

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 3	NAME: Marudi Town Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 81 SECTOR: PUBLIC UTILITIES

DEPARTMENT: PLANNING: IMPLEMENTATION: } PND
BUDGET:

NAME OF PROJECT: Meter supply - Marudi

DESCRIPTION:

Source from Batang Baras, production 0.22 mgd with future expansion to 0.3 mgd in the middle 1980's. The project is only specified for the Action Programme period.
Total service storage - 100 000 gallons
Old headworks to be abandoned
No trunk pipelines required

CONTENTS

TOTAL INVESTMENT COSTS: \$265 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR: 1975

1: \$75 000	2: \$22 000	3: \$22 000	4: \$43 000	5: \$33 000
6: \$33 000	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: From 1975

1: \$75 000	2: \$78 000	3: \$82 000	4: \$85 000	5: \$88 000
6: \$91 000	7:	8:	9:	10:
11: 12:	13:	14:	15:	16:
17:	18:	19:	20:	

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Distribution system per head	9
Cost production per 100 000 gallons	1.10
Service storage per 100 000 gallons	1.60

MAIN EFFECTS ON THE ENVIRONMENT: Serves a total population of 5 000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

DERIVED
EFFECTS OF
IMPLEMENTING
THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO: 3	NAME: Marudi Town Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>
2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>
4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>
6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>
8:	PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 82

SECTOR: PUBLIC UTILITIES

PLANNING: }
DEPARTMENT }
BUDGET: } PD

NAME OF PROJECT: Sewerage - Marudi

DESCRIPTION: Septic tanks
The project is only specified for the Action Programme period.

TOTAL INVESTMENT COSTS: \$1 080 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR: 1975

1: \$52 000	2: \$17 000	3: \$17 000	4: \$317 000	5: \$258 000
6: \$119 000	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: 1975

1: \$12 000	2: \$13 000	3: \$13 000	4: \$14 000	5: \$16 000
6: \$25 000	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Septic tank per head	\$ 210
Tanker for emptying septic tanks	35 000

IDENTIFICATION	PROJECT NUMBER: 83	SECTOR: PUBLIC UTILITIES
	DEPARTMENT: PLANNING: INVESTIGATION: } PWD BUDGET: }	
CONTENTS	NAME OF PROJECT: Water supply - Long Lam	
	DESCRIPTION: Sources from existing lines, output 150 000 gal to last until middle 1980's. The project is only specified for the Action Programme period. No trunk pipelines needed (gal = gallons per day)	
	TOTAL INVESTMENT COSTS: \$253 000	INVESTMENT PERIOD: 1975 to 1980
	INVESTMENT YEAR BY YEAR: 1975	
	1: \$27 000 2: \$13 000 3: \$13 000 4: \$40 000 5: \$97 000	
	6: \$93 000 7: 8: 9: 10:	
	OPERATING COSTS YEAR BY YEAR: 1975	
	1: \$14 000 2: \$17 000 3: \$20 000 4: \$23 000 5: \$30 000	
	6: \$42 000 7: 8: 9: 10:	
	11: 12: 13: 14: 15:	
	16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5:	
	6: 7: 8: 9: 10:	
	11: 12: 13: 14: 15:	
	16: 17: 18: 19: 20:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	
	Service storage 50 000 per 100 000 gallons 60 000 \$	
	Distribution system per 100 000 gallons 133	
	Cost of production per 1 000 gallons 1.50	

IDENTIFICATION	MAIN EFFECTS ON THE ENVIRONMENT: Serves a total population of 2 500 and the secondary school by 1980																																																																							
	EMPLOYMENT:																																																																							
CONTENTS	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="2">CONSTRUCTION</th> <th colspan="2">OPERATION</th> <th rowspan="2">TOTAL</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND UNSKILLED</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND UNSKILLED</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>2</td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>3</td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>5</td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>6</td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		YEAR	CONSTRUCTION		OPERATION		TOTAL	PROFESSIO- NALS	CLERICAL AND UNSKILLED	PROFESSIO- NALS	CLERICAL AND UNSKILLED	1			1	2	3	2			1	2	3	3			1	2	3	4			1	2	3	5			1	2	3	6			1	2	3	7						8						9						10					
	YEAR	CONSTRUCTION		OPERATION		TOTAL																																																																		
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	YEARLY PRODUCTION: From 9 million gallons per year in 1975 to 20 million gallons per year in 1980																																																																							
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	3: LOCAL GOVERNMENT																																																																							
	5: PUBLIC FUNDS																																																																							
	7: PRIVATE FOREIGN LOANS																																																																							
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	5:																																																																							

MAIN EFFECTS ON THE ENVIRONMENT: Serves a total population of 2 500 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO: 1	NAME: Long Loan Town Development
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:
NO: 6	NAME:
NO: 7	NAME:
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORY BODIES	<input type="checkbox"/>
5: PUBLIC FUNDS	<input type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 04 SECTOR: PUBLIC UTILITIES

DEPARTMENT: PLANNING: IMPLEMENTATION: } PND
BUDGET: }

NAME OF PROJECT: Sewerage - Long Loan

DESCRIPTION: Septic tanks and community system
The project is only specified for the Action Programme period.

TOTAL INVESTMENT COSTS: \$566 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR: 1975				
1: \$10 000	2: \$11 000	3: \$156 000	4: \$191 000	5: \$166 000
6: \$28 000	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: 1975				
1: \$1 000	2: \$1 000	3: \$2 000	4: \$5 000	5: \$9 000
6: \$13 000	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:				
1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

- 1 Septic tank per head 210
- Community system per head 35 000
- 1 Tanker vehicle

IDENTIFICATION	PROJECT NUMBER: 85	SECTOR: PUBLIC UTILITIES
	DEPARTMENT: PLANNING: IMPLEMENTATION: } FWD	
	NAME OF PROJECT: Water supply - Batu Kiah	
CONTENTS	DESCRIPTION: Million gallons per day (mgd) Source from Sungai Kiah, maximum output 0.1 mgd The project is only specified for the Action Programme period.	

TOTAL INVESTMENT COSTS: \$561 000	INVESTMENT PERIOD: 1975 to 1980
INVESTMENT YEAR BY YEAR: 1975	
1: \$366 000	2: \$95 000
3: \$15 000	4: \$65 000
5: \$10 000	6: \$10 000
7: \$10 000	8: \$10 000
9: \$10 000	10: \$10 000
11: \$30 000	12: \$28 000
13: \$28 000	14: \$29 000
15: \$28 000	16: \$28 000
17: \$28 000	18: \$28 000
19: \$28 000	20: \$28 000
21: \$28 000	22: \$28 000
23: \$28 000	24: \$28 000
25: \$28 000	26: \$28 000
27: \$28 000	28: \$28 000
29: \$28 000	30: \$28 000
31: \$28 000	32: \$28 000
33: \$28 000	34: \$28 000
35: \$28 000	36: \$28 000
37: \$28 000	38: \$28 000
39: \$28 000	40: \$28 000
41: \$28 000	42: \$28 000
43: \$28 000	44: \$28 000
45: \$28 000	46: \$28 000
47: \$28 000	48: \$28 000
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59: \$28 000	60: \$28 000
61: \$28 000	62: \$28 000
63: \$28 000	64: \$28 000
65: \$28 000	66: \$28 000
67: \$28 000	68: \$28 000
69: \$28 000	70: \$28 000
71: \$28 000	72: \$28 000
73: \$28 000	74: \$28 000
75: \$28 000	76: \$28 000
77: \$28 000	78: \$28 000
79: \$28 000	80: \$28 000
81: \$28 000	82: \$28 000
83: \$28 000	84: \$28 000
85: \$28 000	86: \$28 000
87: \$28 000	88: \$28 000
89: \$28 000	90: \$28 000
91: \$28 000	92: \$28 000
93: \$28 000	94: \$28 000
95: \$28 000	96: \$28 000
97: \$28 000	98: \$28 000
99: \$28 000	100: \$28 000

SUMMARY DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:
	\$
Headworks (0.1 mgd)	160 000
31 000 feet of 4 inch pipes at \$6 per foot	186 000
18 000 feet of 6 inch pipes at \$10 per foot	180 000
18 000 feet of 6 inch pipes at \$7.5 per foot	135 000
Service storage (130 000 gallons)	130 000

MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of 2 000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						4
2						4
3						4
4						4
5						4
6						4
7						4
8						4
9						4
10						4

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION: From 26 million gallons per year in 1975 to 41 million gallons per year in 1980

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 5	NAME: Batu Kiah Town Development
NO: 67	NAME: Water supply - Kiah Project
NO: 73	NAME: Water supply - Lambir-Subis South Project
NO:	NAME:
NO:	NAME:
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input checked="" type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

1:	Supporting Report 5
2:	Supporting Report 6, Part III
3:	
4:	
5:	

MAIN EFFECTS ON THE ENVIRONMENT: Seves Batu Niah (Population 2 000)

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	UNSKILLED	TOTAL	PROFESSIO- NALS	UNSKILLED	TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
5	Batu Niah Town Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 86 SECTOR: PUBLIC UTILITIES

PLANNING: }
IMPLEMENTATION: } PND
BUDGET: }

NAME OF PROJECT: Sewerage - Batu Niah

DESCRIPTION: Latrines, septic tanks and community systems
The project is only specified for the Action Programme period.

TOTAL INVESTMENT COSTS: \$392 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR: 1975

- 1: \$4 000 2: \$4 000 3: \$5 000 4: \$5 000 5: \$80 000
- 6: \$85 000 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: 1975

- 1: \$3 000 2: \$4 000 3: \$5 000 4: \$6 000 5: \$8 000
- 6: \$9 000 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

- Latrines per head \$ 8
- Trailer vehicle 10 000
- Septic tanks per head 210
- Community system per head 240

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

IDENTIFICATION	PROJECT NUMBER: 87	SECTOR: PUBLIC UTILITIES
	DEPARTMENT: PLANNING: IMPLEMENTATION: } PWD BUDGET: }	
CONTENTS	NAME OF PROJECT: Water supply - Miah	
	DESCRIPTION: Source from Sungai Miah, maximum output 0.1 million gallons per day Headworks Pipes 2 Class IV quarters Service storage	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$466 000 INVESTMENT PERIOD: 1975 to 1980	
	INVESTMENT YEAR BY YEAR: 1: \$120 000 2: \$238 000 3: \$67 000 4: \$7 000 5: \$7 000 6: \$7 000 7: 8: 9: 10:	
REFERENCES	OPERATING COSTS YEAR BY YEAR: 1: \$22 000 2: \$20 000 3: \$21 000 4: \$19 000 5: \$21 000 6: \$21 000 7: 8: 9: 10: 11: \$21 000 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:		

DETAILED OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of 1,300 by 1980						
	EMPLOYMENT:						
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)	CONSTRUCTION		OPERATION				
	YEAR	PROFESSIO- NALS	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
	1						2
	2						2
	3						2
	4						2
	5						2
	6						2
	7						2
	8						2
	9						2
10						2	
LINKS	YEARLY PRODUCTION:						
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:						
FINANCING	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES						
	NO: 8 NAME: Miah Town Development NO: 85 NAME: Water supply - Batu Miah Project NO: 73 NAME: Water supply - Luehi-Sabis South Project NO: NAME: NO: NAME: NO: NAME:						
REFERENCES	POSSIBILITIES OF FINANCING:						
	1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS						

IDENTIFICATION	PROJECT NUMBER: 88	SECTOR: PUBLIC UTILITIES
	DEPARTMENT: PLANNING: IMPLEMENTATION: } PWD	
CONTENTS	NAME OF PROJECT: Sewerage - Niah	
	DESCRIPTION: Small community system and septic tanks The project is only specified for the Action Programme period.	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$200 000 INVESTMENT PERIOD: 1975 to 1980	
	INVESTMENT YEAR BY YEAR: 1: \$55 000 2: \$46 000 3: \$47 000 4: \$47 000 5: \$47 000 6: \$52 000 7: 8: 9: 10:	
	OPERATING COSTS YEAR BY YEAR: 1980 +	
	1: \$7 000 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Septic tanks per head 210 Community systems per head 240		

IDENTIFICATION	MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of 1,300 by 1980																																																												
	EMPLOYMENT:																																																												
CONTENTS	DERIVED OF EFFECTS OF IMPLEMENTING THE PROJECT																																																												
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10																																																													
LINKS	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)																																																												
	YEARLY PRODUCTION: NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:																																																												
FINANCING	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES																																																												
	NO: 8 NAME: Niah Town Development NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:																																																												
REFERENCES	POSSIBILITIES OF FINANCING:																																																												
	1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS																																																												

MAIN EFFECTS ON THE ENVIRONMENT: Serves the village population of Ladang Tiga (3 500 by 1980)

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:
 1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1
 NAME: SLDR Village Development Scheme, Lambir-Subia
 NAME: South Rural Development
 NAME:
 NAME:
 NAME:
 NAME:
 NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED EFFECTS OF THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 89 SECTOR: PUBLIC UTILITIES

PLANNING: DC SSSD
 IMPLEMENTATION: DC SSSD
 SUBJECT: DC SSSD

NAME OF PROJECT: Cleansing, refuse disposal, street lighting - Lambir-Subia South

DESCRIPTION: Calculated on the basis of a representative small town
 The project is only specified for the Action Programme period.
 Mosquito drains
 Cleansing department trailer
 Lined roadside drains
 Street lighting

TOTAL INVESTMENT COSTS: \$69 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR: 1975 +
 1: \$8 000 2: \$13 000 3: \$8 000 4: \$9 000 5: \$10 000
 6: \$10 000 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: 1975 +
 1: \$7 000 2: \$7 000 3: \$7 000 4: \$10 000 5: \$10 000
 6: \$11 000 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:
 1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

- Mosquito drains per head 20
- Cleansing department trailer 5 000
- Lined roadside drains per head 60
- Street lighting per head 18

MAIN EFFECTS ON THE ENVIRONMENT: Serves the Miri population of 36 000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	1	NAME:	Miri Town Development
NO:		NAME:	

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 90 SECTOR: PUBLIC UTILITIES

PLANNING: }
 DEPARTMENT }
 IDENTIFICATION: } 90/SSSO
 BUDGET: }

NAME OF PROJECT: Cleansing, refuse disposal, street lighting - Miri

DESCRIPTION: Menom drains
 Cleansing department
 Lined roadside drains
 Street lighting

The project is only specified for the Action Programme period.

TOTAL INVESTMENT COSTS: \$1 454 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR:	1:	2:	3:	4:	5:
1:	\$227 000	\$312 000	\$227 000	\$227 000	\$259 000
6:	\$259 000	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1:	\$403 000	2:	\$415 000	3:	\$435 000	4:	\$417 000	5:	\$470 000	
6:	\$498 000	7:	8:	9:	10:	11:	12:	13:	14:	15:
16:	17:	18:	19:	20:						

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Menom drains per head	\$	20
Lined roadside drains per head	\$	20
6 Troops	\$	255 000

MAIN EFFECTS ON THE ENVIRONMENT: Serves the Bistulub population of 11,000 by 1960

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	2	NAME:	Bistulub Town Development
NO:		NAME:	

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input checked="" type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input checked="" type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- Supporting Report 6, Part III

DERIVED OF EFFECTS IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 91 SECTOR: PUBLIC UTILITIES

PLANNING: }
DEPARTMENT IMPLEMENTATION: } DC/SSCO
BUDGET: }

NAME OF PROJECT: Cleansing, refuse disposal, street lighting - Bistulub

DESCRIPTION: Refer Project No. 90.6er Miri town scheme

CONTENTS

TOTAL INVESTMENT COSTS: \$915,000 INVESTMENT PERIOD:

INVESTMENT YEAR BY YEAR: 1975

1:	\$97,000	2:	\$177,000	3:	\$172,000	4:	\$127,000	5:	\$161,000
6:	\$151,000	7:		8:		9:		10:	

OPERATING COSTS YEAR BY YEAR: 1975

1:	\$56,000	2:	\$107,000	3:	\$117,000	4:	\$126,000	5:	\$141,000
6:	\$158,000	7:		8:		9:		10:	
11:		12:		13:		14:		15:	
16:		17:		18:		19:		20:	

REVENUES YEAR BY YEAR:

1:		2:		3:		4:		5:	
6:		7:		8:		9:		10:	
11:		12:		13:		14:		15:	
16:		17:		18:		19:		20:	

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Monsoon drains per head	\$ 50
Lined roadside drains per head	60
4 Trucks	150,000

MAIN EFFECTS OF THE ENVIRONMENT: Serves Marudi with population of 5 000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO: 3	NAME: Marudi Town Development
NO: 4	NAME:
NO: 5	NAME:
NO: 6	NAME:
NO: 7	NAME:
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 92 SECTOR: PUBLIC UTILITIES

DEPARTMENT: PLANNING: IMPLEMENTATION: } 80/88500
BUDGET:

NAME OF PROJECT: Cleansing, refuse disposal, street lighting - Marudi

DESCRIPTION: Monsoon drains
Cleansing department
Lined roadside drains
Street lighting

The project is only specified for the Action Programme period.

TOTAL INVESTMENT COSTS: \$152 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR:

- 1: \$4 000 2: \$13 000 3: \$14 000 4: \$43 000 5: \$14 000
- 6: \$24 000 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR:

- 1: \$63 000 2: \$65 000 3: \$66 000 4: \$67 000 5: \$68 000
- 6: \$71 000 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

- Monsoon drains per head 36
- Lined roadside drains per head 60
- 2 Trucks 60 000

MAIN EFFECTS ON THE ENVIRONMENT: Serves a total population of 2 500 in Long Lama by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 4 NAME: Long Lama Town Development

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT
3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES
5:	PUBLIC FUNDS	6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DETAILED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 93 SECTOR: PUBLIC UTILITIES

DEPARTMENT: PLANNING: }
IMPLEMENTATION: } 80/SSDC

NAME OF PROJECT: Cleansing, refuse disposal, street lighting - Long Lama

DESCRIPTION: Monsoon drains
Cleansing department
Lined roadside drains
Street lighting

The project is only specified for the Action Programme period.

CONTENTS

TOTAL INVESTMENT COSTS: \$179 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR: 1975

1:	\$0 000	2:	\$6 000	3:	\$48 000	4:	\$28 000	5:	\$30 000
6:	\$57 000	7:		8:		9:		10:	

OPERATING COSTS YEAR BY YEAR: 1975

1:	\$9 000	2:	\$9 000	3:	\$12 000	4:	\$13 000	5:	\$16 000
6:	\$23 000	7:		8:		9:		10:	
11:		12:		13:		14:		15:	
16:		17:		18:		19:		20:	

REVENUES YEAR BY YEAR:

1:		2:		3:		4:		5:	
6:		7:		8:		9:		10:	
11:		12:		13:		14:		15:	
16:		17:		18:		19:		20:	

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Monsoon drains per head	\$	20
Lined roadside drains per head		60
Truck		30 000

MAIN EFFECTS ON THE ENVIRONMENT: Serves a total population of 2 000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 5	NAME: Batu Kiah Town Development
NO: 1	NAME:
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:
NO: 6	NAME:
NO: 7	NAME:
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:
NO: 11	NAME:
NO: 12	NAME:
NO: 13	NAME:
NO: 14	NAME:
NO: 15	NAME:
NO: 16	NAME:
NO: 17	NAME:
NO: 18	NAME:
NO: 19	NAME:
NO: 20	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input checked="" type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORY BODIES	<input checked="" type="checkbox"/>
5: PUBLIC FUNDS	<input type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED FROM THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 94 SECTOR: PUBLIC UTILITIES

PLANNING: IMPLEMENTATION: } MW/SSSD

NAME OF PROJECT: Cleansing, refuse disposal, street lighting - Batu Kiah

DESCRIPTION: Mosquito drains
Cleansing department
Lined roadside drains
Street lighting
The project is only specified for the Action Programme period.

TOTAL INVESTMENT COSTS: \$112 000 INVESTMENT PERIOD: 6 years

INVESTMENT YEAR BY YEAR: 1975 +					
1: \$9 000	2: \$39 000	3: \$15 000	4: \$15 000	5: \$17 000	
6: \$17 000	7:	8:	9:	10:	

OPERATING COSTS YEAR BY YEAR: 1975					
1: \$11 000	2: \$12 000	3: \$13 000	4: \$15 000	5: \$16 000	
6: \$17 000	7: 8:	9:	10:		
11: 12:	13: 14:	15:	16:	17:	18:
19:	20:				

REVENUES YEAR BY YEAR:					
1: 2:	3:	4:	5:		
6: 7:	8:	9:	10:		
11: 12:	13:	14:	15:		
16: 17:	18:	19:	20:		

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Mosquito drains per head	\$ 20
Lined roadside drains per head	50
Trailer	30 000

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

IDENTIFICATION	PROJECT NUMBER: 95	SECTOR: PUBLIC UTILITIES
	DEPARTMENT	PLANNING: IMPLEMENTATION: BUDGET: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
CONTENTS	NAME OF PROJECT: Cleansing, refuse disposal, street lighting - Niah	
	DESCRIPTION: Mensoon drains Cleansing department Lined roadside drains Street lighting The project is only specified for the Action Programme period.	

TOTAL INVESTMENT COSTS: \$58 000	INVESTMENT PERIOD: 1975 to 1980			
INVESTMENT YEAR BY YEAR:				
1: \$6 000	2: \$13 000	3: \$6 000	4: \$9 000	5: \$10 000
6: \$10 000	7:	8:	9:	10:
OPERATING COSTS YEAR BY YEAR:				
1: \$7 000	2: \$7 000	3: \$7 000	4: \$10 000	5: \$10 000
6: \$11 000	7: 8:	9:	10:	
11: 12:	13:	14:	15:	
16:	17:	18:	19:	20:
REVENUES YEAR BY YEAR:				
1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Monsoon drains per head \$ 20
 Lined roadside drains per head \$ 60

MAIN EFFECTS ON THE ENVIRONMENT: Serves a total population of 1 300 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

DERIVED EFFECTS OF THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 8	NAME: Niah Town Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT
3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES
5:	PUBLIC FUNDS	6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 5
 2: Supporting Report 6, Part III
 3:
 4:
 5:

PROJECT NUMBER: 96 SECTOR: PUBLIC UTILITIES

DEPARTMENT: }
 PLANNING: }
 IMPLEMENTATION: }
 BUDGET: } SESCO

NAME OF PROJECT: Electricity - Lamkir-Sabis North

DESCRIPTION: Calculated from the representative small town example
 The project is only specified for the Action Programme period.
 Each village supplied with 120 kW plant

CONTENTS

TOTAL INVESTMENT COSTS: \$760 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR: 1975

1: \$120 000 2: \$120 000 3: \$120 000 4: \$230 000 5: \$60 000
 6: \$230 000 7: \$120 000 8: \$120 000 9: \$120 000 10: \$120 000

OPERATING COSTS YEAR BY YEAR: 1976

1: \$12 000 2: \$22 000 3: \$36 000 4: \$44 000 5: \$26 000
 6: \$12 000 7: \$12 000 8: \$12 000 9: \$12 000 10: \$12 000
 11: \$12 000 12: \$12 000 13: \$12 000 14: \$12 000 15: \$12 000
 16: \$12 000 17: \$12 000 18: \$12 000 19: \$12 000 20: \$12 000

REVENUES YEAR BY YEAR:

1: \$12 000 2: \$12 000 3: \$12 000 4: \$12 000 5: \$12 000
 6: \$12 000 7: \$12 000 8: \$12 000 9: \$12 000 10: \$12 000
 11: \$12 000 12: \$12 000 13: \$12 000 14: \$12 000 15: \$12 000
 16: \$12 000 17: \$12 000 18: \$12 000 19: \$12 000 20: \$12 000

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT: Serves the villages in the Lamkir-Sabis North

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						2
3						3
4						3
5						3
6						3
7						3
8						
9						
10						

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 2 NAME: Lamkir-Sabis North Village Development

NO: NAME:
 NO: NAME:
 NO: NAME:
 NO: NAME:
 NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
 2: STATE GOVERNMENT
 3: LOCAL GOVERNMENT
 4: STATUTORY BODIES
 5: PUBLIC FUNDS
 6: PRIVATE DOMESTIC SAVINGS
 7: PRIVATE FOREIGN LOANS
 8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 5
 2: Supporting Report 6, Part III
 3:
 4:
 5:

LINES

FINANCING

REFERENCES

MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of 36 000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						38
2						36
3						36
4						38
5						38
6						38
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION: From 23 000 Megawatts per year in 1975 to 75 000 Megawatts per year in 1980

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
1	Miri Town Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 97 SECTOR: PUBLIC UTILITIES

DEPARTMENT: PLANNING: IMPLEMENTATION: SSSCO

NAME OF PROJECT: Electricity - Miri

DESCRIPTION: Total installed capacity - 9.7 Megawatts
2 more 5.0 Megawatts to be installed during the period
The project is only specified for the Action Programme period.
2 Sets of 5.0 Megawatts driven by gas

TOTAL INVESTMENT COSTS: \$10 300 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR: 1975
1: \$2 250 000 2: \$2 350 000 3: \$2 350 000 4: \$2 350 000 5: \$200 000
6: \$500 000 7:

OPERATING COSTS YEAR BY YEAR: 1975
1: \$1 700 000 2: \$2 250 000 3: \$2 650 000 4: \$3 000 000 5: \$4 300 000
6: \$5 300 000 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:
1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

COSTS AND REVENUES (1973 PRICES)

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

2 Sets of 5.0 Megawatts generators 7 000 000
Distribution system per annum 500 000
Building 200 000

IDENTIFICATION	PROJECT NUMBER: 96	SECTOR: PUBLIC UTILITIES
	DEPARTMENT	PLANNING: IMPLEMENTATION: } SSSD
	NAME OF PROJECT: Electricity - Bintulu	
CONTENTS	DESCRIPTION: 3 Sets of 1 000 MW to be installed The project is only specified for the Action Programme period.	
	<p>TOTAL INVESTMENT COSTS: \$4 000 000 INVESTMENT PERIOD: 1975 to 1980</p> <p>INVESTMENT YEAR BY YEAR: 1975 +</p> <p>1: \$670 000 2: \$670 000 3: \$670 000 4: \$670 000 5: \$670 000</p> <p>6: \$670 000 7: 8: 9: 10:</p> <p>OPERATING COSTS YEAR BY YEAR: 1975</p> <p>1: \$450 000 2: \$540 000 3: \$600 000 4: \$740 000 5: \$930 000</p> <p>6: \$1 260 000 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p> <p>REVENUES YEAR BY YEAR:</p> <p>1: 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p>	
COSTS AND REVENUES (1977 PRICES)	<p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p> <p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:</p> <p>3 Sets of 1 000 MW at \$475 000 - \$1 425 000</p> <p>Rate of supply - \$0.11 per kWh</p> <p>Rate of operation - \$0.07 per kWh</p>	

DERIVED EFFECTS OF FINANCING THE PROJECT	EMPLOYMENT:					
	CONSTRUCTION		OPERATION			
YEAR	PROFESSIO- NALS	UNSKILLED	TOTAL	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1						16
2						16
3						16
4						16
5						16
6						16
7						16
8						16
9						16
10						16
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)						
YEARLY PRODUCTION: From 5 000 MW						
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:						
1:	2:	3:	4:	5:		
6:	7:	8:	9:	10:		
11:	12:	13:	14:	15:		
16:	17:	18:	19:	20:		
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES					
	NO: 2	NAME: Bintulu Town Development				
NO: 1	NAME:					
NO: 3	NAME:					
NO: 4	NAME:					
NO: 5	NAME:					
NO: 6	NAME:					
FINANCING	POSSIBILITIES OF FINANCING:					
	1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT		
3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES			
5:	PUBLIC FUNDS	6:	PRIVATE DOMESTIC SAVINGS			
7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS			
REFERENCES	REFERENCES:					
	1:	Supporting Report 5				
2:	Supporting Report 6, Part III					
3:						
4:						
5:						

IDENTIFICATION	PROJECT NUMBER: 99	SECTOR: PUBLIC UTILITIES
	DEPARTMENT	SECD
	PLANNING: IMPLEMENTATION:	
CONTENTS	NAME OF PROJECT: Electricity - Marudi.	
	DESCRIPTION: Total capacity to be 660 MW The project is only specified for the Action Programme period. 1 Set 250 M	

TOTAL INVESTMENT COSTS: \$660 000	INVESTMENT PERIOD: 1975 to 1980
INVESTMENT YEAR BY YEAR: 1975 +	
1: \$20 000	2: \$20 000
3: \$50 000	4: \$50 000
5: \$50 000	6: \$50 000
7: \$50 000	8: \$50 000
9: \$50 000	10: \$50 000
OPERATING COSTS YEAR BY YEAR: 1975	
1: \$120 000	2: \$170 000
3: \$134 000	4: \$152 000
5: \$149 000	6: \$24 000
7: \$8 000	8: \$8 000
9: \$10 000	10: \$10 000
11: \$12 000	12: \$13 000
13: \$14 000	14: \$15 000
15: \$16 000	16: \$17 000
17: \$18 000	18: \$19 000
19: \$20 000	20: \$20 000
REVENUES YEAR BY YEAR:	
1: \$1 000	2: \$1 000
3: \$1 000	4: \$1 000
5: \$1 000	6: \$1 000
7: \$1 000	8: \$1 000
9: \$1 000	10: \$1 000
11: \$1 000	12: \$1 000
13: \$1 000	14: \$1 000
15: \$1 000	16: \$1 000
17: \$1 000	18: \$1 000
19: \$1 000	20: \$1 000

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

1 Set 250 M \$ 115 000
Miscellaneous extension per annum 50 000

MAIN EFFECTS ON THE ENVIRONMENT: Serves a total population of 5 000

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1								2
2								2
3								2
4								2
5								2
6								2
7								2
8								2
9								2
10								2

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION: From 750 MM per year in 1975 to 1 400 MM per year in 1980

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 3 NAME: Marudi Town Development

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT

2: STATE GOVERNMENT

3: LOCAL GOVERNMENT

4: STATUTORY BODIES

5: PUBLIC FUNDS

6: PRIVATE DOMESTIC SAVINGS

7: PRIVATE FOREIGN LOANS

8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 5

2: Supporting Report 6, Part III

3:

4:

5:

MAIN EFFECTS ON THE ENVIRONMENT: Serious Batu Niah Bazaar and surrounding areas

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL
1						2
2						2
3						2
4						2
5						2
6						2
7						2
8						2
9						
10						

DERIVED
EFFECTS OF
IMPLEMENTING
THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION: From 170 ~~tons~~ per year in 1975
to 700 ~~tons~~ per year in 1980

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 5	NAME: Batu Niah Town Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORY BODIES	<input checked="" type="checkbox"/>
5: PUBLIC FUNDS	<input type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

REFERENCES

PROJECT NUMBER: 100

SECTOR: PUBLIC UTILITIES

DEPARTMENT: PLANNING: IMPLEMENTATION: } SSSD
BUDGET:

NAME OF PROJECT: Electricity - Batu Niah

DESCRIPTION: Total capacity to be 300 MW (260 MW)
The project is only specified for the Action Programme period.

CONTENTS

TOTAL INVESTMENT COSTS: \$175 000

INVESTMENT PERIOD: 1975 to 1979

INVESTMENT YEAR BY YEAR: 1975 +

1: \$115 000	2:	3: \$180 000	4:	5: \$180 000
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: 1975

1: \$26 000	2: \$32 000	3: \$42 000	4: \$56 000	5: \$70 000
6: \$88 000	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

50 MW set	41 000
100 MW set	65 000

PROJECT NUMBER: 101 SECTOR: PUBLIC UTILITIES

DEPARTMENT: TELECOMS

NAME OF PROJECT: Telecommunications - Miri

DESCRIPTION: 3 200 lines
 The project is only specified for the Action Programme period.
 Exchange equipment
 1 Class II quarters
 5 Class IV quarters
 1 Class III quarters
 VII

TOTAL INVESTMENT COSTS: \$2 916 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR: 1975 +

1: \$1 700 000	2: \$1 000 000	3: \$51 000	4: \$139 000	5: \$757 000
6: \$49 000	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: 1975

1: \$1 340 000	2: \$1 340 000	3: \$1 340 000	4: \$1 340 000	5: \$1 340 000
6: \$1 550 000	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Exchange equipment	1 500 000
External lines	262 000
1 Class II quarters	60 000
5 Class III quarters	20 000
1 Class II quarters	100 000
5 Class IV quarters	150 000
TOTAL	

DEERIVED EFFECTS OF IMPLEMENTING THE PROJECT

YEAR	CONSTRUCTION		OPERATION		TOTAL
	PROFESSIO-NALS	UNSKILLED	PROFESSIO-NALS	UNSKILLED	
1					24
2					24
3					24
4					24
5					24
6					24
7					24
8					24
9					24
10					24

MAIN EFFECTS ON THE ENVIRONMENT: Serves Miri and Lutong population

EMPLOYMENT:

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1	NAME: Miri Town Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input checked="" type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORY BODIES	<input type="checkbox"/>
5: PUBLIC FUNDS	<input type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input type="checkbox"/>

- REFERENCES:
- 1: Supporting Report 5
 - 2: Supporting Report 6, Part III
 - 3:
 - 4:
 - 5:

IDENTIFICATION	PROJECT NUMBER: 102	SECTOR: PUBLIC UTILITIES
	DEPARTMENT: PLANNING: IMPLEMENTATION: BUDGET: TELECOMS	
CONTENTS	NAME OF PROJECT: Telecommunications - Bistulu	
	DESCRIPTION: 500 lines The project is only specified for the Action Programme period. Building for station and office Exchange equipment VHF (very high frequency) Transport and maintenance equipment 1 Class II quarters 2 Class III quarters 6 Class IV quarters	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$2,487,000 INVESTMENT PERIOD: 1975 to 1980	
	INVESTMENT YEAR BY YEAR: 1975 + 1: \$15,000 2: \$11,000 3: \$1,391,000 4: \$74,000 5: \$202,000 6: \$74,000 7: 8: 9: 10:	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: 1975	
	1: \$210,000 2: \$350,000 3: \$350,000 4: \$350,000 5: \$500,000 6: \$650,000 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1973 PRICES)	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Building 100,000 Exchange equipment 750,000 VHF 150,000 Transport and maintenance equipment 55,000 1 Class II quarters 60,000 2 Class III quarters 80,000 6 Class IV quarters 160,000	

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: Saves a total population of 14,000 by 1980					
	EMPLOYMENT:					
LINKS	CONSTRUCTION					
	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	OPERATION
						CLERICAL AND SKILLED
						PROFESSIO- NALS
						TOTAL
	1					UNSKILLED
	2					TOTAL
	3					10
	4					10
	5					10
	6					10
7					10	
8					10	
9					10	
10					10	
LINKS	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)					
	YEARLY PRODUCTION:					
LINKS	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:					
	1:	2:	3:	4:	5:	
	6:	7:	8:	9:	10:	
	11:	12:	13:	14:	15:	
	16:	17:	18:	19:	20:	
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES					
	NO: 1	NAME:	Bistulu Town Development			
NO: 2	NAME:					
NO: 3	NAME:					
NO: 4	NAME:					
NO: 5	NAME:					
NO: 6	NAME:					
NO: 7	NAME:					
NO: 8	NAME:					
FINANCING	POSSIBILITIES OF FINANCING:					
	1:	FEDERAL GOVERNMENT				
2:	STATE GOVERNMENT					
3:	LOCAL GOVERNMENT					
4:	STATUTORY BODIES					
5:	PUBLIC FUNDS					
6:	PRIVATE DOMESTIC SAVINGS					
7:	PRIVATE FOREIGN LOANS					
8:	PUBLIC FOREIGN LOANS					
REFERENCES	REFERENCES:					
	1:	Supporting Report 5				
2:	Supporting Report 6, Part III					
3:						
4:						
5:						

MAIN EFFECTS ON THE ENVIRONMENT: Serves a total population of 2 000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						4
2						4
3						4
4						4
5						4
6						4
7						4
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 5	NAME: Bato Niah Town Development
NO: 6	NAME:
NO: 7	NAME:
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:
NO: 11	NAME:
NO: 12	NAME:
NO: 13	NAME:
NO: 14	NAME:
NO: 15	NAME:
NO: 16	NAME:
NO: 17	NAME:
NO: 18	NAME:
NO: 19	NAME:
NO: 20	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT
3: LOCAL GOVERNMENT	4: STATUTORY BODIES
5: PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS	8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 5
2: Supporting Report 6, Part III
3:
4:
5:

DERIVED OF
FROM
IMPLEMENTING
THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 104 SECTOR: PUBLIC UTILITIES

DEPARTMENT: PLANNING: IMPLEMENTATION: TELECOMS

NAME OF PROJECT: Telecommunications - Bato Niah

DESCRIPTION: 75 lines
The project is only specified for the Action Programme period.
Building for station and office
Exchange equipment
VHF
Transport and maintenance equipment
4 Class IV quarters

TOTAL INVESTMENT COSTS: \$311 000 INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR:

1: \$206 000	2: \$1 000	3: \$1 000	4: \$1 000	5: \$1 000
6: \$1 000	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: 1975

1: \$30 000	2: \$30 000	3: \$53 000	4: \$53 000	5: \$53 000
6: \$53 000	7:	8:	9:	10:
11: 12:	13:	14:	15:	16:
17:	18:	19:	20:	

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Building	\$
Exchange equipment	50 000
External lines	100 000
Transport and maintenance equipment	6 000
4 Class IV quarters	45 000
	25 000
	80 000

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of 1,300 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	TOTAL
1						2
2						2
3						2
4						2
5						2
6						2
7						
8						
9						
10						

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO: 6	NAME: Mish Tom Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

PROJECT NUMBER: 105

SECTOR: PUBLIC UTILITIES

DEPARTMENT: TELECOMS

NAME OF PROJECT: Telecommunications - Mish

DESCRIPTION: Between 25 and 50 lines
The project is only specified for the Action Programme period.
Building for station and office
Transport and maintenance equipment
Exchange equipment
VHF
1 Class IV quarters

TOTAL INVESTMENT COSTS: \$164,000

INVESTMENT PERIOD: 1975 to 1980

INVESTMENT YEAR BY YEAR:

1: \$141,000	2:	3: \$1,000	4: \$20,000	5: \$1,000
6: \$1,000	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1: \$19,000	2: \$19,000	3: \$19,000	4: \$19,000	5: \$19,000
6: \$19,000	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Building	\$ 30,000
External lines	4,000
Transport and maintenance equipment	20,000
Exchange equipment	10,000
VHF	10,000
1 Class IV quarters	20,000

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

FINANCING

REFERENCES

IDENTIFICATION	PROJECT NUMBER: 106	SECTOR: PRIVATE SERVICES																																																								
	DEPARTMENT	PLANNING: SEDC/PRIVATE IMPLEMENTATION: SEDC/PRIVATE BUDGET: SEDC/PRIVATE																																																								
	NAME OF PROJECT: Shops and coffee-shops																																																									
CONTENTS	<p>DESCRIPTION: The model assumes that private services includes a mixture of retail (capital and consumer goods) and others (e.g. coffee-shops, beauty saloons, barber). This project cost is based on a 1 unit enterprise.</p> <p>TOTAL INVESTMENT COSTS: \$60 000/unit</p> <p>INVESTMENT YEAR BY YEAR:</p> <table border="1"> <tr><td>1: \$60 000/unit</td><td>2:</td><td>3:</td><td>4:</td><td>5:</td></tr> <tr><td>6:</td><td>7:</td><td>8:</td><td>9:</td><td>10:</td></tr> </table> <p>OPERATING COSTS YEAR BY YEAR:</p> <table border="1"> <tr><td>1:</td><td>2:</td><td>3:</td><td>4:</td><td>5:</td></tr> <tr><td>6:</td><td>7:</td><td>8:</td><td>9:</td><td>10:</td></tr> <tr><td>11:</td><td>12:</td><td>13:</td><td>14:</td><td>15:</td></tr> <tr><td>16:</td><td>17:</td><td>18:</td><td>19:</td><td>20:</td></tr> </table> <p>REVENUES YEAR BY YEAR: \$'000/unit</p> <table border="1"> <tr><td>1:</td><td>2:</td><td>3:</td><td>4:</td><td>5:</td></tr> <tr><td>6:</td><td>7:</td><td>8:</td><td>9:</td><td>10:</td></tr> <tr><td>11:</td><td>12:</td><td>13:</td><td>14:</td><td>15:</td></tr> <tr><td>16:</td><td>17:</td><td>18:</td><td>19:</td><td>20:</td></tr> </table> <p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p> <p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:</p> <table border="1"> <tr><td>Building</td><td>\$ 60 000</td></tr> <tr><td>Working capital (retail)</td><td>20 000</td></tr> <tr><td>Other services</td><td>5 000</td></tr> </table>		1: \$60 000/unit	2:	3:	4:	5:	6:	7:	8:	9:	10:	1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:	1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:	Building	\$ 60 000	Working capital (retail)	20 000	Other services	5 000
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Other services	5 000																																																									

MAIN EFFECTS ON THE ENVIRONMENT:	EMPLOYMENT:	CONSTRUCTION				OPERATION				
	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	
	1								2/unit	
	2									
	3									
	4									
	5									
	6									
	7									
	8									
	9									
	10									
DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)									
	YEARLY PRODUCTION:									
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:									
	1:	2:	3:	4:	5:	6:	7:	8:	9:	10:
	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES									
	NO:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:
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	NO:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:	NAME:
FINANCING	POSSIBILITIES OF FINANCING:									
	1:	FEDERAL GOVERNMENT				2:	STATE GOVERNMENT			
	3:	LOCAL GOVERNMENT				4:	STATUTORY BODIES			
	5:	PUBLIC FUNDS				6:	PRIVATE DOMESTIC SAVINGS			
	7:	PRIVATE FOREIGN LOANS				8:	PUBLIC FOREIGN LOANS			
REFERENCES	REFERENCES:									
	1:	Supporting Report 6, Part IV								
	2:									
	3:									
	4:									
	5:									

IDENTIFICATION	PROJECT NUMBER: 107 DEPARTMENT: } SECTOR: PRIVATE SERVICES PLANNING: } IMPLEMENTATION: } BUDGET: } NAME OF PROJECT: Retail services
CONTENTS	DESCRIPTION: Retail services include both the retail of consumer and capital goods. This keeps in mind the requirements of Miri and Birtulu. This analysis assumes the income and cost flow of a basic unit. TOTAL INVESTMENT COSTS: \$114 200 INVESTMENT PERIOD: 2 years INVESTMENT YEAR BY YEAR: \$'000 1: \$68 2: \$46 3: 4: 5: 6: 7: 8: 9: 10:
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: \$'000 1: 2: \$47 3: \$49 4: \$51 5: \$53 6: \$53 7: \$53 8: \$53 9: \$53 10: \$53 11: \$53 12: \$53 13: \$53 14: \$53 15: \$53 16: \$53 17: \$53 18: \$53 19: \$53 20: \$53 REVENUES YEAR BY YEAR: \$'000 1: 2: \$51 3: \$56 4: \$61 5: \$67 6: \$67 7: \$67 8: \$67 9: \$67 10: \$67 11: \$67 12: \$67 13: \$67 14: \$67 15: \$67 16: \$67 17: \$67 18: \$67 19: \$67 20: \$67 SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS Increased volume of sales with reduce costs of sales per employee. UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Per unit consumer retail services 110 000 Per unit capital retail services 140 000 Per worker per month

MAIN EFFECTS ON THE ENVIRONMENT: EMPLOYMENT: /UNIT DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td>2-5</td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	1						2-5	2							3							4							5							6							7							8							9							10						
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FINANCING	REFERENCES: 1: Supporting Report 6, Part IV 2: 3: 4: 5:																																																																																			

IDENTIFICATION	PROJECT NUMBER: 106	SECTOR: PRIVATE SERVICES
	DEPARTMENT: PLANNING: IMPLEMENTATION: } SUBJECT: SEC/PRIVATE	
CONTENTS	NAME OF PROJECT: Wholesale services	
	DESCRIPTION: With Mir-i and Binahs in mind. This is an example of a basic unit.	
	TOTAL INVESTMENT COSTS: \$200 000	INVESTMENT PERIOD:
	INVESTMENT YEAR BY YEAR: \$'000	
	1: \$70	2: \$130
	3: \$100	4: \$100
	5: \$100	6: \$100
	7: \$100	8: \$100
	9: \$100	10: \$100
	OPERATING COSTS YEAR BY YEAR: \$'000	
	1: \$130	2: \$130
	3: \$136	4: \$142
	5: \$149	6: \$159
	7: \$169	8: \$179
	9: \$189	10: \$199
	11: \$199	12: \$209
	13: \$219	14: \$229
	15: \$239	16: \$249
	17: \$259	18: \$269
	19: \$279	20: \$289
	REVENUES YEAR BY YEAR: \$'000	
	1: \$157	2: \$172
	3: \$189	4: \$209
	5: \$229	6: \$259
	7: \$289	8: \$319
	9: \$359	10: \$389
	11: \$419	12: \$459
	13: \$509	14: \$549
	15: \$589	16: \$629
	17: \$689	18: \$729
	19: \$789	20: \$829
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS With greater volume of business, costs of sale per employee will be reduced.	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Building 70 000 Working capital 130 000	

DETAILED DESCRIPTION OF THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:																																																																																																																		
	EMPLOYMENT: /UNIT																																																																																																																		
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IDENTIFICATION	PROJECT NUMBER: 109	SECTOR: PRIVATE SERVICES
	DEPARTMENT	PLANNING: IMPLEMENTATION: } PRIVATE
	NAME OF PROJECT: Specialised private services	BUDGET:
CONTENTS	DESCRIPTION: Consists of such services as legal, accounting, medical, dental and like. It is expected to be found only in M1 and M10 in the Action Programme period.	
	TOTAL INVESTMENT COSTS: \$45 000 INVESTMENT YEAR BY YEAR: 1: \$20 000 2: \$5 000 3: 4: 5: 6: 7: 8: 9: 10:	INVESTMENT PERIOD: 1: 2: \$25 3: \$26 4: \$27 5: \$28 6: \$28 7: \$28 8: \$28 9: \$28 10: \$28 11: \$28 12: \$28 13: \$28 14: \$28 15: \$28 16: \$28 17: \$28 18: \$28 19: \$28 20: \$28
	OPERATING COSTS YEAR BY YEAR: \$'000 1: 2: \$30 3: \$36 4: \$43 5: \$51 6: \$51 7: \$51 8: \$51 9: \$51 10: \$51 11: \$51 12: \$51 13: \$51 14: \$51 15: \$51 16: \$51 17: \$51 18: \$51 19: \$51 20: \$51	REVENUES YEAR BY YEAR: \$'000 1: 2: \$30 3: \$36 4: \$43 5: \$51 6: \$51 7: \$51 8: \$51 9: \$51 10: \$51 11: \$51 12: \$51 13: \$51 14: \$51 15: \$51 16: \$51 17: \$51 18: \$51 19: \$51 20: \$51
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Actual costs for office space 20 000 Working capital 25 000	

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: EMPLOYMENT:									
	YEAR	PROFESSIONALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIONALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	
1										3
2										
3										
4										
5										
6										
7										
8										
9										
10										
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)									
	YEARLY PRODUCTION: NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:									
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:									
	POSSIBILITIES OF FINANCING: 1: FEDERAL GOVERNMENT 3: LOCAL GOVERNMENT 5: PUBLIC FUNDS 7: PRIVATE FOREIGN LOANS 2: STATE GOVERNMENT 4: STATUTORY BODIES 6: PRIVATE DOMESTIC SAVINGS 8: PUBLIC FOREIGN LOANS									
REFERENCES	REFERENCES: 1: Supporting Report 6, Part IV 2: 3: 4: 5:									

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
	1					
2						
3						3
4						
5						
6						
7						
8						
9						
10						

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

INPUT OTHER THAN LABOUR: CONSTRUCTION (C); OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

POSSIBILITIES OF FINANCING:

REFERENCES:

DERIVED OF IMPLEMENTING THE PROJECT

FINANCING

REFERENCES

1: Supporting Report 6, Part IV

2: STATE GOVERNMENT

3: LOCAL GOVERNMENT

4: STATUTORY BODIES

5: PUBLIC FUNDS

6: PRIVATE DOMESTIC SAVINGS

7: PRIVATE FOREIGN LOANS

8: PUBLIC FOREIGN LOANS

1: Supporting Report 6, Part IV

2: STATE GOVERNMENT

3: LOCAL GOVERNMENT

4: STATUTORY BODIES

5: PUBLIC FUNDS

PROJECT NUMBER: 110	SECTOR: PRIVATE SERVICES
DEPARTMENT: FLANNING: IMPLEMENTATION: BUDGET: PRIVATE	
NAME OF PROJECT: Other private services	

DESCRIPTION: The above consists of coffee-shops, barbers, beauty saloon and the like. It is expected to be found only in Mirl and Bintulu.

TOTAL INVESTMENT COSTS: \$65 000

INVESTMENT PERIOD:

INVESTMENT YEAR BY YEAR: \$'000

1: \$20 2: \$65 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20: \$74

OPERATING COSTS YEAR BY YEAR: \$'000

1: 2: \$65 3: \$68 4: \$71 5: \$74 6: \$74 7: \$74 8: \$74 9: \$74 10: \$74 11: \$74 12: \$74 13: \$74 14: \$74 15: \$74 16: \$74 17: \$74 18: \$74 19: \$74 20: \$74

REVENUES YEAR BY YEAR: \$'000

1: 2: \$74 3: \$81 4: \$89 5: \$97 6: \$97 7: \$97 8: \$97 9: \$97 10: \$97 11: \$97 12: \$97 13: \$97 14: \$97 15: \$97 16: \$97 17: \$97 18: \$97 19: \$97 20: \$97

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

The greater the volume of services rendered reduces costs per employee.

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Per unit building (five) 20 000

Working capital 65 000

IDENTIFICATION	PROJECT NUMBER: 111	SECTOR: INDUSTRIES
	DEPARTMENT	PLANNING: IMPLEMENTATION: } RC
	NAME OF PROJECT: Industrial estate - Miri	BUDGET:

DESCRIPTION: The industrial estates will consist of 50 units some tailor made others will be standard units with certain specifications. In the states will be a variety of industries.

TOTAL INVESTMENT COSTS: \$2 500 000 INVESTMENT PERIOD: 1974 to 1975

INVESTMENT YEAR BY YEAR: \$'000	
1: \$2 500	2: 3: 4: 5:
6: 7: 8: 9: 10:	

OPERATING COSTS YEAR BY YEAR:

1: 2: 3: 4: 5:	
6: 7: 8: 9: 10:	
11: 12: 13: 14: 15:	
16: 17: 18: 19: 20:	

REVENUES YEAR BY YEAR:

1: 2: 3: 4: 5:	
6: 7: 8: 9: 10:	
11: 12: 13: 14: 15:	
16: 17: 18: 19: 20:	

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

With a number of industries existing side by side, there will inevitably be economies of scale through mutual sharing of facilities.

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION			TOTAL
	PROFESSIO-NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO-NALS	CLERICAL AND SKILLED	UNSKILLED	
1							100
2							300
3							300
4							300
5							300
6							300
7							
8							
9							
10							

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:	
6: 7: 8: 9: 10:	
11: 12: 13: 14: 15:	
16: 17: 18: 19: 20:	

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1	NAME: Miri Town Development
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:
NO: 6	NAME:
NO: 7	NAME:
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:
NO: 11	NAME:
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NO: 13	NAME:
NO: 14	NAME:
NO: 15	NAME:
NO: 16	NAME:
NO: 17	NAME:
NO: 18	NAME:
NO: 19	NAME:
NO: 20	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>
2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>
4: STATUTORY BODIES	<input type="checkbox"/>
5: PUBLIC FUNDS	<input type="checkbox"/>
6: PRIVATE DOMESTIC SAVINGS	<input checked="" type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>
8: PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

1:	
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3:	
4:	
5:	

IDENTIFICATION	PROJECT NUMBER: 112	SECTOR: INDUSTRIES
	PLANNING: IMPLEMENTATION: BUDGET: } PRIVATE	
CONTENTS	NAME OF PROJECT: Pre-fab housing plant	
	DESCRIPTION: Expected production - 800 units per annum	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$500 000 INVESTMENT PERIOD: 1975	
	INVESTMENT YEAR BY YEAR: \$'000	
	1: \$200	2: 3: 4: 5:
	6: 7: 8: 9: 10:	
	OPERATING COSTS YEAR BY YEAR:	
	1: 2: 3: 4: 5:	
	6: 7: 8: 9: 10:	
	11: 12: 13: 14: 15:	
	16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5:	
	6: 7: 8: 9: 10:	
	11: 12: 13: 14: 15:	
	16: 17: 18: 19: 20:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	Greater production will result in economies of scale.	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

EMPLOYMENT:	MAIN EFFECTS ON THE ENVIRONMENT:					
	CONSTRUCTION			OPERATION		
YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED
1						
2						
3						100
4						100
5						100
6						100
7						100
8						100
9						100
10						100
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)					
	YEARLY PRODUCTION:					
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:					
1:	2:	3:	4:	5:		
6:	7:	8:	9:	10:		
11:	12:	13:	14:	15:		
16:	17:	18:	19:	20:		
	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES					
NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:
NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:
NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:
NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:
NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:
	POSSIBILITIES OF FINANCING:					
1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT			
3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES			
5:	PUBLIC FUNDS	6:	PRIVATE DOMESTIC SAVINGS			
7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS			
	REFERENCES:					
1:	Supporting Report 8					
2:						
3:						
4:						
5:						

IDENTIFICATION	PROJECT NUMBER: 113	SECTOR: INDUSTRIES
	PLANNING: DEPARTMENT IMPLEMENTATION: BUDGET: PRIVATE	
CONTENTS	NAME OF PROJECT: Tiaber Impregante plant	
	DESCRIPTION: Expected production - 5 000 tons per annum	
	TOTAL INVESTMENT COSTS: \$300 000	INVESTMENT PERIOD: 1975
	INVESTMENT YEAR BY YEAR: \$'000	
	1: \$300	2: 4: 5:
	6: 7: 8: 9: 10:	
	OPERATING COSTS YEAR BY YEAR:	
	1: 2: 3: 4: 5:	
	6: 7: 8: 9: 10:	
	11: 12: 13: 14: 15:	
	16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5:	
	6: 7: 8: 9: 10:	
	11: 12: 13: 14: 15:	
	16: 17: 18: 19: 20:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS With greater production economies of scale will result.	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

DERIVED FROM THE IMPACTS OF THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:							
	EMPLOYMENT:							
	CONSTRUCTION		OPERATION					
	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
	1							
	2							
	3							30
	4							
	5							
	6							
	7							
	8							
	9							
10								
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)							
	YEARLY PRODUCTION:							
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:							
	1:	2:	3:	4:	5:			
	6:	7:	8:	9:	10:			
	11:	12:	13:	14:	15:			
	16:	17:	18:	19:	20:			
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES							
	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:
FINANCING	POSSIBILITIES OF FINANCING:							
	1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT	3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES
REFERENCES	5:	PUBLIC FUNDS	6:	PRIVATE DOMESTIC SAVINGS	7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS
	REFERENCES:							
	1:	Supporting Report 8						
	2:							
	3:							
	4:							
	5:							

IDENTIFICATION	PROJECT NUMBER: 111	SECTOR: INDUSTRIES
	DEPARTMENT: SDC IMPLEMENTATION: PRIVATE BUDGET:	
CONTENTS	NAME OF PROJECT: Moulding factory and kiln drying	
	DESCRIPTION: To be established in connection with wood based industry, to produce mouldings from saw timber. Moulding plant Kiln dryer plant	
<p>TOTAL INVESTMENT COSTS: \$1 100 000 INVESTMENT PERIOD:</p> <p>INVESTMENT YEAR BY YEAR: \$'000</p> <p>1: \$1 000 2: \$100 3: 4: 5: 6: 7: 8: 9: 10:</p> <p>OPERATING COSTS YEAR BY YEAR: \$'000</p> <p>1: 2: \$2 200 3: \$7 400 4: \$7 400 5: \$7 400</p> <p>6: \$7 400 7: \$7 400 8: \$7 400 9: \$7 400 10: \$7 400</p> <p>11: \$7 400 12: \$7 400 13: \$7 400 14: \$7 400 15: \$7 400</p> <p>16: \$7 400 17: \$7 400 18: \$7 400 19: \$7 400 20: \$7 400</p> <p>REVENUES YEAR BY YEAR: \$'000</p> <p>1: 2: \$2 400 3: \$6 200 4: \$6 200 5: \$6 200</p> <p>6: \$6 200 7: \$6 200 8: \$6 200 9: \$6 200 10: \$6 200</p> <p>11: \$6 200 12: \$6 200 13: \$6 200 14: \$6 200 15: \$6 200</p> <p>16: \$6 200 17: \$6 200 18: \$6 200 19: \$6 200 20: \$6 200</p> <p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS Economies of scale can be obtained at different levels as costs increase proportionally with production.</p> <p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:</p>		

IDENTIFICATION	MAIN EFFECTS ON THE ENVIRONMENT:																																																				
	EMPLOYMENT:																																																				
CONTENTS	DERIVED EFFECTS OF IMPLEMENTING THE PROJECT																																																				
	<p>INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)</p> <p>YEARLY PRODUCTION: Dried timber - 35 000 tons Mouldings - 6 000 tons</p> <p>NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:</p> <p>1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:</p> <p>LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES</p> <p>NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:</p> <p>POSSIBILITIES OF FINANCING:</p> <p>1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS</p> <p>REFERENCES:</p> <p>1: Supporting Report 8</p> <p>2: 3: 4: 5:</p>																																																				
CONTENTS	LINKS																																																				
	FINANCING																																																				
CONTENTS	REFERENCES																																																				
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CONSTRUCTION		OPERATION																																																			
PROFESSIO- NALS	UNSKILLED	PROFESSIO- NALS	UNSKILLED																																																		
TOTAL	TOTAL	TOTAL	TOTAL																																																		
1																																																					
2	20																																																				
3																																																					
4																																																					
5																																																					
6																																																					
7																																																					
8																																																					
9																																																					
10			120																																																		

IDENTIFICATION	PROJECT NUMBER: 115	SECTOR: INDUSTRIES
	DEPARTMENT	PLANNING: IMPLEMENTATION: } SBC/PRIVATE BUDGET:
CONTENTS	NAME OF PROJECT: Industries - Residual	
	DESCRIPTION:	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$41 000	
	INVESTMENT PERIOD:	
COSTS AND REVENUES (1973 PRICES)	INVESTMENT YEAR BY YEAR:	
	1: \$4 000 2: \$5 000 3: \$6 000 4: \$7 000 5: \$9 000 6: \$10 000 7: 8: 9: 10:	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1973 PRICES)	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:		

DEIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:									
	EMPLOYMENT:									
DEIVED EFFECTS OF IMPLEMENTING THE PROJECT	CONSTRUCTION					OPERATION				
	YEAR	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED	TOTAL	
	1									210
	2									540
	3									900
	4									1 200
	5									1 860
	6									2 450
	7									
	8									
	9									
10										
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)										
DEIVED EFFECTS OF IMPLEMENTING THE PROJECT	YEARLY PRODUCTION:									
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:									
DEIVED EFFECTS OF IMPLEMENTING THE PROJECT	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:									
	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES									
DEIVED EFFECTS OF IMPLEMENTING THE PROJECT	NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:									
	POSSIBILITIES OF FINANCING:									
DEIVED EFFECTS OF IMPLEMENTING THE PROJECT	1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS									
	REFERENCES:									
DEIVED EFFECTS OF IMPLEMENTING THE PROJECT	1: 2: 3: 4: 5:									

IDENTIFICATION	PROJECT NUMBER: 115	SECTOR: AGRICULTURE
	PLANNING: SLB IMPLEMENTATION: SLB BUDGET: SLB	
CONTENTS	NAME OF PROJECT: Clearing, planting and operating - Galasah Public Area	
	DESCRIPTION: Clearing, planting and operating of 2 530 acres - small holder scheme Oil palm - 1 650 acres Rubber - 100 acres Cocoa - 315 acres Rice - 165 acres	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$2 637 000 (1976 to 1980 - \$2 500 000) INVESTMENT YEAR BY YEAR: \$'000 1: \$245 2: \$1 094 3: \$444 4: \$675 5: \$55 6: \$46 7: \$68 8: \$14 9: 10: 11:	
	OPERATING COSTS YEAR BY YEAR: \$'000 1: 2: 3: \$19 4: \$17 5: \$58 6: \$36 7: \$200 8: \$597 9: \$618 10: \$611 11: \$614 12: \$616 13: \$627 14: \$629 15: \$632 16: \$632 17: \$632 18: \$653 19: \$650 20:	
COSTS AND REVENUES (1973 PRICES)	REVENUES YEAR BY YEAR: \$'000 1: 2: 3: \$40 4: \$105 5: \$31 6: \$78 7: \$115 8: \$1 200 9: \$1 376 10: \$1 423 11: \$1 439 12: \$1 454 13: \$1 462 14: \$1 474 15: \$1 470 16: \$1 460 17: \$1 439 18: \$1 459 19: \$1 409 20:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Bukit Peninjau Road Based Improvement Scheme	

DETERMINED REVENUES OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: 162 farms benefited EMPLOYMENT:																																																																					
	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> </tr> </thead> <tbody> <tr> <td>1976</td> <td></td> <td></td> <td>Field workers 176</td> <td></td> <td></td> <td>Field workers</td> </tr> <tr> <td>1977</td> <td></td> <td></td> <td>241</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1978</td> <td></td> <td></td> <td>196</td> <td></td> <td></td> <td>24</td> </tr> <tr> <td>1979</td> <td></td> <td></td> <td>190</td> <td></td> <td></td> <td>24</td> </tr> <tr> <td>1980</td> <td></td> <td></td> <td>69</td> <td></td> <td></td> <td>166</td> </tr> <tr> <td>1981</td> <td></td> <td></td> <td>17</td> <td></td> <td></td> <td>213</td> </tr> <tr> <td>1982</td> <td></td> <td></td> <td>15</td> <td></td> <td></td> <td>169</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>184</td> </tr> </tbody> </table>	YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	1976			Field workers 176			Field workers	1977			241				1978			196			24	1979			190			24	1980			69			166	1981			17			213	1982			15			169							184
YEAR	CONSTRUCTION			OPERATION																																																																		
	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL																																																																
1976			Field workers 176			Field workers																																																																
1977			241																																																																			
1978			196			24																																																																
1979			190			24																																																																
1980			69			166																																																																
1981			17			213																																																																
1982			15			169																																																																
						184																																																																
LINKS	YEARLY PRODUCTION: Oil palm peak production in year 1985 (11 000 tons of f.o.) Rubber peak production in year 1982 (210 tons of f.o.) Cocoa peak production in year 1982 (210 tons of f.o.) Rice peak production in year 1982 (200 tons of padi)																																																																					
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:																																																																					
FINANCING	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES NO: 18 NAME: Bukit Peninjau RBD Rural Development Package NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:																																																																					
	POSSIBILITIES OF FINANCING: 1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS																																																																					
REFERENCES	REFERENCES: 1: Supporting Report 2, Parts II and III 2: 3: 4: 5:																																																																					

MAIN EFFECTS ON THE ENVIRONMENT: 265 farms benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1976			284 Field workers			Field workers
1977			399			
1978			333			40
1979			311			40
1980			125			258
1981			31			339
1982			29			269
						296

DERIVED
EFFECTS OF
IMPLEMENTING
THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION: Oil palm peak production in year 1965 (21,500 tons of rd),
Rubber peak production in year 1990 (710 tons of sec)
Cocoa peak production in year 1962 (380 tons of sec)
Rice peak production in year 1961 (330 tons of padi)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 7	NAME: Sebanah Rural Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT
3: LOCAL GOVERNMENT	4: STATUTORY BODIES
5: PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS	8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 2, Parts II and III
2:
3:
4:
5:

PROJECT NUMBER: 118

SECTOR: AGRICULTURE

PLANNING: SLDB
IMPLEMENTATION: SLDB
BUDGET: SLDB

NAME OF PROJECT: Clearing, planting and operating - Sebanah (Public)

DESCRIPTION: Clearing, planting and operating of 4,130 acres of land - small holder scheme
Oil palm - 2,385 acres
Rubber - 990 acres
Cocoa - 590 acres
Rice - 265 acres

TOTAL INVESTMENT COSTS: \$4,323,000 (1976 to 1980 - \$4,085,000)

INVESTMENT YEAR BY YEAR: \$'000

1: \$400	2: \$1,774	3: \$729	4: \$1,081	5: \$101
6: \$85	7: \$127	8: \$25	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6: \$842	7: \$790	8: \$269	9: \$1,014	10: \$1,007
11: \$1,013	12: \$1,017	13: \$1,037	14: \$1,039	15: \$1,045
16: \$1,045	17: \$1,045	18: \$1,078	19: \$1,072	20:

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6: \$1,364	7: \$1,763	8: \$2,053	9: \$2,223	10: \$2,311
11: \$2,345	12: \$2,373	13: \$2,392	14: \$2,411	15: \$2,415
16: \$2,400	17: \$2,369	18: \$2,354	19: \$2,323	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bukit Peinjau Road Based Improvement Scheme

IDENTIFICATION	PROJECT NUMBER: 119	SECTOR: AGRICULTURE
	PLANNING: SLB IMPLEMENTATION: SLB BUDGET: SLB	
CONTENTS	NAME OF PROJECT: Management SLB - Sabah public area	
	DESCRIPTION: SLB management of 4 130 acres of cropped area - small holder scheme Equipment: Tractor rotavator 4 Tractor tillers 4 Knapsacks 4 Manual knapsacks Tools Lorry Land rover	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$124 000 INVESTMENT PERIOD: 1976 to 1979	
	INVESTMENT YEAR BY YEAR: \$'000 1: \$72 2: \$154 3: \$67 4: \$131 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: \$'000 1: \$77 2: \$169 3: \$192 4: \$309 5: \$309 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: 11: 21: 31: 41: 51: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
NOTE: DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Bukit Penujau Road Based Improvement Scheme		

MAIN EFFECTS ON THE ENVIRONMENT: 265 farms benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	UNSKILLED	TOTAL	PROFESSIO- NALS	UNSKILLED	TOTAL
1976				11		11
1977				16		16
1978				17		17
1979				20		20
1980				20		20

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

DERIVED OF INVESTMENT AND IMPLEMENTING THE PROJECT

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 7 NAME: Sabah Rural Development

NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
2: STATE GOVERNMENT
3: LOCAL GOVERNMENT
4: STATUTORY BODIES
5: PUBLIC FUNDS
6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS
8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 2, Parts II and III
2:
3:
4:
5:

MAIN EFFECTS ON THE ENVIRONMENT: 305 farmers in RBD area Beluru will be benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1976				9		9
1977				9		9
1978				11		11
1979				15		15
1980				17		17

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 23	NAME: Beluru RBD Rural Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT
3: LOCAL GOVERNMENT	4: STATUTORY BODIES
5: PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS	8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 2, Parts II and III
2:
3:
4:
5:

DIRECTED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 120

SECTOR: AGRICULTURE

DEPARTMENT: AGRICULTURE

PLANNING: AGRICULTURE

IMPLEMENTATION: AGRICULTURE

BUCKET: AGRICULTURE

NAME OF PROJECT: Management Adu - Beluru RBD area

DESCRIPTION: Adu management of 5 200 acres of cropped area
 Equipment:
 3 Power tillers
 1 Class B
 3 Tractors
 9 Class C
 6 Motorcycles
 7 Class D
 Tractor and potatorator
 Lorry
 Small tools

TOTAL INVESTMENT COSTS: \$361 000 INVESTMENT PERIOD: 1976 to 1980

INVESTMENT YEAR BY YEAR: \$'000

1: \$306	2:	3: \$71	4: \$56	5: \$28
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1: \$48	2: \$51	3: \$64	4: \$79	5: \$67
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bukit Pematang Road Based Improvement Scheme

IDENTIFICATION	PROJECT NUMBER: 121	SECTOR: AGRICULTURE
	PLANNING: AGRICULTURE INITIATION: AGRICULTURE DEPARTMENT: AGRICULTURE BUDGET: AGRICULTURE	
CONTENTS	NAME OF PROJECT: Management ABE - Marudi RD	
	DESCRIPTION: ABE management of 4,180 acres of cropped area Quarters by 1980n 5 Power tillers 1 Class B 5 Thrashers 9 Class C 5 Bangsacks 2 Tractors 1 Transporter 1 Generator Small tools	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$201,000 INVESTMENT PERIOD: 1976 to 1980	
	INVESTMENT YEAR BY YEAR: \$'000	
	1: \$206	2: 3: \$71
	6: 7:	8: 9: 4: \$61
	10: 5: \$49	11: 12:
	13: 14:	15: 16: 17:
	18: 19:	20: 21: 22:
	23: \$51	24: 25: 26:
	27: 28:	29: 30: 31: 32:
	33: 34:	35: 36: 37: 38:
	39: 40:	41: 42: 43: 44:
	45: 46:	47: 48: 49: 50:
	51: 52:	53: 54: 55: 56:
	57: 58:	59: 60: 61: 62:
	63: 64:	65: 66: 67: 68:
	69: 70:	71: 72: 73: 74:
	75: 76:	77: 78: 79: 80:
	81: 82:	83: 84: 85: 86:
	87: 88:	89: 90: 91: 92:
	93: 94:	95: 96: 97: 98:
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	477: 478:	479: 480: 481: 482:
	483: 484:	485: 486: 487: 488:
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	567: 568:	569: 570: 571: 572:
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	681: 682:	683: 684: 685: 686:
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	777: 778:	779: 780: 781: 782:
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	789: 790:	791: 792: 793: 794:
	795: 796:	797: 798: 799: 800:
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	807: 808:	809: 810: 811: 812:
	813: 814:	815: 816: 817: 818:
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	1125: 1126:	1127: 1128: 1129: 1130:
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	1137: 1138:	1139: 1140: 1141: 1142:
	1143: 1144:	1145: 1146: 1147: 1148:
	1149: 1150:	1151: 1152: 1153: 1154:
	1155: 1156:	1157: 1158: 1159: 1160:
	1161: 1162:	1163: 1164: 1165: 1166:
	1167: 1168:	1169: 1170: 1171: 1172:
	1173: 1174:	1175: 1176: 1177: 1178:
	1179: 1180:	1181: 1182: 1183: 1184:
	1185: 1186:	1187: 1188: 1189: 1190:
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	1263: 1264:	1265: 1266: 1267: 1268:
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	1275: 1276:	1277: 1278: 1279: 1280:
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	1287: 1288:	1289: 1290: 1291: 1292:
	1293: 1294:	1295: 1296: 1297: 1298:
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	1305: 1306:	1307: 1308: 1309: 1310:
	1311: 1312:	1313: 1314: 1315: 1316:
	1317: 1318:	1319: 1320: 1321: 1322:
	1323: 1324:	1325: 1326: 1327: 1328:
	1329: 1330:	1331: 1332: 1333: 1334:
	1335: 1336:	1337: 1338: 1339: 1340:
	1341: 1342:	1343: 1344: 1345: 1346:
	1347: 1348:	1349: 1350: 1351: 1352:
	1353: 1354:	1355: 1356: 1357: 1358:
	1359: 1360:	1361: 1362: 1363: 1364:
	1365: 1366:	1367: 1368: 1369: 1370:
	1371: 1372:	1373: 1374: 1375: 1376:
	1377: 1378:	1379: 1380: 1381: 1382:
	1383: 1384:	1385: 1386: 1387: 1388:
	1389: 1390:	1391: 1392: 1393: 1394:
	1395: 1396:	1397: 1398: 1399: 1400:

IDENTIFICATION	PROJECT NUMBER: 122	SECTOR: AGRICULTURE
	PLANNING: AGRICULTURE IMPLEMENTATION: AGRICULTURE BUDGET: AGRICULTURE	
CONTENTS	NAME OF PROJECT: Management ADU - Bintulu 10th mile RED area	
	DESCRIPTION: ADU management of 3 300 acres of cropped land Equipment: 2 Four tillers 2 Thrashers 2 Binpacks 3 Manual binpacks 2 Manual tools Tractor and retriever Lorry	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$33 000	
	INVESTMENT YEAR BY YEAR: \$'000 1: \$206 2: 3: \$71 4: \$28 5: \$28 6: 7: 8: 9: 10:	
LINKS	OPERATING COSTS YEAR BY YEAR: \$'000	
	1: \$40 2: \$51 3: \$64 4: \$71 5: \$81 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
FINANCING	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
REFERENCES	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Bukit Peninjara Road Based Improvement Scheme	

EMPLOYMENT:	MAIN EFFECTS ON THE ENVIRONMENT: 200 farmers benefited																																																																
	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED</th> <th>TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>1976</td> <td></td> <td></td> <td></td> <td></td> <td>9</td> <td></td> <td></td> <td>9</td> </tr> <tr> <td>1977</td> <td></td> <td></td> <td></td> <td></td> <td>9</td> <td></td> <td></td> <td>9</td> </tr> <tr> <td>1978</td> <td></td> <td></td> <td></td> <td></td> <td>11</td> <td></td> <td></td> <td>11</td> </tr> <tr> <td>1979</td> <td></td> <td></td> <td></td> <td></td> <td>13</td> <td></td> <td></td> <td>13</td> </tr> <tr> <td>1980</td> <td></td> <td></td> <td></td> <td></td> <td>16</td> <td></td> <td></td> <td>16</td> </tr> </tbody> </table>						YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	1976					9			9	1977					9			9	1978					11			11	1979					13			13	1980					16		
YEAR	CONSTRUCTION			OPERATION																																																													
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL																																																									
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1977					9			9																																																									
1978					11			11																																																									
1979					13			13																																																									
1980					16			16																																																									
LINKS	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)																																																																
	YEARLY PRODUCTION: NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:																																																																
FINANCING	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES																																																																
	NO: 21 NAME: Bintulu RED Rural Development NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:																																																																
REFERENCES	POSSIBILITIES OF FINANCING:																																																																
	1: FEDERAL GOVERNMENT 2: LOCAL GOVERNMENT 3: PUBLIC FUNDS 4: STATE GOVERNMENT 5: STATUTORY BODIES 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS																																																																

IDENTIFICATION	PROJECT NUMBER: 123	SECTOR: AGRICULTURE
	DEPARTMENT: AGRICULTURE IMPLEMENTATION: AOU BUDGET: AGRICULTURE	
CONTENTS	NAME OF PROJECT: Management AOU - Bekem RD area	
	DESCRIPTION: AOU management of 5 200 acres of cropped land Equipment: 3 Power tillers 3 Class B 3 Class C 3 Power handpicks 7 Class D 6 Manual handpicks Small tools Tractor and rotavator	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$351 000 INVESTMENT PERIOD: 1976 to 1980	
	INVESTMENT YEAR BY YEAR: \$'000 1: \$206 2: 3: \$71 4: \$56 5: \$28 6: 7: 8: 9: 10:	
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Bakt Pansinjo Road Based Improvement Scheme	OPERATING COSTS YEAR BY YEAR: \$'000	
	1: \$48 2: \$51 3: \$64 4: \$79 5: \$87 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	

DERIVED OF EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: 325 farmers benefited	
	EMPLOYMENT:	
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)	YEARLY PRODUCTION:	
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:	
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES:	
	NO: 22 NAME: Bekem RD Rural Development NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:	
FINANCING	POSSIBILITIES OF FINANCING:	
	1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS	
REFERENCES	REFERENCES:	
	1: Supporting Report 2, Part III 2: 3: 4: 5:	

MAIN EFFECTS ON THE ENVIRONMENT: 194 farms benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1976					10			10
1977					10			10
1978					10			10
1979					18			18
1980					18			18

DERIVED
EFFECTS OF
IMPLEMENTING
THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 3	NAME: Mera-s Rural Development
NO:	NAME:

LINKS

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT
3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES
5:	PUBLIC FUNDS	6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS

FINANCING

REFERENCES:

1:	Supporting Report 2, Part III
2:	
3:	
4:	
5:	

REFERENCES

PROJECT NUMBER: 124

SECTOR: AGRICULTURE

PLANNING: AGRICULTURE
IMPLEMENTATION: ADU
BUDGET: AGRICULTURE

NAME OF PROJECT: Management ADU - Mera-s (Public)

DESCRIPTION: ADU management
Quarters by 1980:
1 Class B
8 Class C
9 Class D

CONTENTS

TOTAL INVESTMENT COSTS: \$371 000 INVESTMENT PERIOD: 1976 to 1979

INVESTMENT YEAR BY YEAR: \$'000

1:	\$253	3:	4:	\$118	5:
6:	7:	8:	9:	10:	

OPERATING COSTS YEAR BY YEAR: \$'000

1:	\$56	2:	\$60	3:	\$60	4:	\$66	5:	\$68
6:	7:	8:	9:	10:					
11:	12:	13:	14:	15:					
16:	17:	18:	19:	20:					

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bukit Perinjau Road Based Improvement Scheme

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	TOTAL
1976						3
1977						3
1978						6
1979						12
1980						12

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION: Number of small holders served - 1 270
Number of road based development farmers served - 162

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO:	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 2, Part III
- 2:
- 3:
- 4:
- 5:

DERIVED EFFECTS OF THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 126 SECTOR: AGRICULTURE

PLANNING: AGRICULTURE
IMPLEMENTATION: AGRICULTURE
BUDGET: AGRICULTURE

NAME OF PROJECT: ADU section leader officers - Study Area

DESCRIPTION:

CONTENTS

TOTAL INVESTMENT COSTS: \$303 000 INVESTMENT PERIOD: 1976 to 1979

INVESTMENT YEAR BY YEAR: \$'000

- 1: \$78 2: 3: \$78 4: \$117 5:
- 6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: \$'000

- 1: \$27 2: \$27 3: \$54 4: \$108 5: \$108
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

IDENTIFICATION	PROJECT NUMBER: 127	SECTOR: AGRICULTURE
	DEPARTMENT: PLANNING, IMPLEMENTATION, BUDGET: PRIVATE	
CONTENTS	NAME OF PROJECT: Clearing, planting and operating - Mera-m (Private) Area	
	DESCRIPTION: Lankip-Sabis RDA Private Sector Clearing, planting and operating of 505 acres (Planting commences in 1977 and finishes in 1979) Oil palm - 355 acres Rubber - 100 acres Coconut - 30 acres Rice - 20 acres	
COSTS AND REVENUES (1977 PRICES)	INVESTMENT PERIOD: 1976 to 1985	
	TOTAL INVESTMENT COSTS: \$426 000 (1976 to 1980 - \$397 000)	
COSTS AND REVENUES (1977 PRICES)	INVESTMENT YEAR BY YEAR: \$'000	
	1: \$16 2: \$58 3: \$115 4: \$123 5: \$65 6: \$31 7: \$11 8: \$9 9: \$6 10: \$4 11: \$124 12: \$124 13: \$124 14: \$124 15: \$124 16: \$124 17: \$124 18: \$124 19: \$124 20: \$124 21: \$124 22: \$124 23: \$124 24: \$124 25: \$124	
COSTS AND REVENUES (1977 PRICES)	OPERATING COSTS YEAR BY YEAR: \$'000	
	1: 2: 3: \$1 4: \$23 5: \$58 6: \$23 7: \$105 8: \$110 9: \$114 10: \$122 11: \$124 12: \$124 13: \$124 14: \$124 15: \$124 16: \$124 17: \$124 18: \$124 19: \$124 20: \$124 21: \$124 22: \$124 23: \$124 24: \$124 25: \$124	
COSTS AND REVENUES (1977 PRICES)	REVENUES YEAR BY YEAR: \$'000	
	1: 2: 3: \$1 4: \$8 5: \$43 6: \$99 7: \$166 8: \$216 9: \$249 10: \$268 11: \$274 12: \$274 13: \$274 14: \$274 15: \$274 16: \$274 17: \$274 18: \$274 19: \$274 20: \$274	
COSTS AND REVENUES (1977 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: * Oil palm establishment per acre \$ 1 500 Management per acre \$ 150 * Rubber establishment per acre 1 150 Management per acre 185 * Coconut establishment per acre 700 Management per acre 240 * Rice establishment per acre 1 470 Management per acre 74	

* Excluding housing and management

EMPLOYMENT:	MAIN EFFECTS ON THE ENVIRONMENT: 63 farmers benefited							
	CONSTRUCTION				OPERATION			
YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED
1976			Field workers 21			Field workers		
1977			22					
1978			63					
1979			63					
1980			48					15
1981			31					32
1982			14					49
1983			8					55
1984			4					59
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O) Refer Bukit Peninjau Road Based Improvement Scheme								
YEARLY PRODUCTION: Oil palm peak production in year 1987 (1 200 tons of ffb) Rubber peak production in year 1992 (80 tons of drc) Coconut peak production in year 1984 (20 tons of dlc) Rice peak production in year 1983 (30 tons of padl)								
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:								
1:	2:	3:	4:	5:	6:	7:	8:	9:
10:	11:	12:	13:	14:	15:	16:	17:	18:
19:	20:	21:	22:	23:	24:	25:	26:	27:
LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES								
NO: 3	NAME: Mera-m Rural Development							
NO: 4	NAME:							
NO: 5	NAME:							
NO: 6	NAME:							
NO: 7	NAME:							
NO: 8	NAME:							
NO: 9	NAME:							
NO: 10	NAME:							
NO: 11	NAME:							
NO: 12	NAME:							
NO: 13	NAME:							
NO: 14	NAME:							
NO: 15	NAME:							
NO: 16	NAME:							
NO: 17	NAME:							
NO: 18	NAME:							
NO: 19	NAME:							
NO: 20	NAME:							
NO: 21	NAME:							
NO: 22	NAME:							
NO: 23	NAME:							
NO: 24	NAME:							
NO: 25	NAME:							
POSSIBILITIES OF FINANCING:								
1:	FEDERAL GOVERNMENT		2:		STATE GOVERNMENT			
2:	LOCAL GOVERNMENT		3:		STATUTORY BODIES			
3:	PUBLIC FUNDS		4:		PRIVATE DOMESTIC SAVINGS			
4:	PRIVATE FOREIGN LOANS		5:		PUBLIC FOREIGN LOANS			
5:			6:					
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171:			172:					
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175:			176:					
176:			177:					
177:								

MAIN EFFECTS ON THE ENVIRONMENT: 249 farmers benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL - SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1976			Field workers			Field workers
1977			83			
1978			166			
1979			249			
1980			249			
1981			189			60
1982			123			126
1983			57			192
1984			31			215
			17			232

DERIVED
EFFECTS OF
IMPLEMENTING
THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)
Refer Bukit Peninjau Road Based Improvement Scheme

YEARLY PRODUCTION: Oil palm production in year 1987 (12 500 tons of (fb)
peak production in year 1992 (320 tons of drc)
Coconuts peak production in year 1983 (30 tons of dbe)
Rice peak production in year 1983 (90 tons of padi)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 11	NAME: Ulu Mumat Rural Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT
3: LOCAL GOVERNMENT	4: STATUTORY BODIES
5: PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS	8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 2, Part II
2:
3:
4:
5:

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 128

SECTOR: AGRICULTURE

PLANNING: IMPLEMENTATION: } PRIVATE
BUDGET:

NAME OF PROJECT: Clearing, planting and operating - Ulu Mumat Area

DESCRIPTION: Lumbar-Subis Private Investor

Clearing, planting and operating of 1 980 acres
(Planting commences in 1977 and finishes in 1979)

Oil palm - 1 395 acres
Rubber - 395 acres
Coconuts - 130 acres
Rice - 70 acres

TOTAL INVESTMENT COSTS: \$1 795 000 INVESTMENT PERIOD: 1976 to 1985
(1976 to 1980 - \$1 590 000)

INVESTMENT YEAR BY YEAR: \$'000

1: \$64	2: \$317	3: \$452	4: \$402	5: \$215
6: \$121	7: \$45	8: \$34	9: \$22	10: \$4

OPERATING COSTS YEAR BY YEAR: \$'000

1: \$366	2: \$410	3: \$3	4: \$90	5: \$226
6: \$495	7: \$425	8: \$485	9: \$419	10: \$480
11: \$485	12: \$485	13: \$485	14: \$485	15: \$485
16: \$485	17: \$485	18: \$485	19: \$485	20: \$485

REVENUES YEAR BY YEAR: \$'000

1: \$390	2: \$453	3: \$6	4: \$30	5: \$160
6: \$1 076	7: \$1 076	8: \$1 076	9: \$1 076	10: \$1 076
11: \$1 076	12: \$1 076	13: \$1 076	14: \$1 076	15: \$1 076
16: \$1 076	17: \$1 076	18: \$1 076	19: \$1 076	20: \$1 076

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bukit Peninjau Road Based Improvement Scheme

MAIN EFFECTS ON THE ENVIRONMENT: 156 farmers benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED
1976			Field workers			Field workers
1977			52			
1978			104			
1979			156			
1980			156			
1981			119			37
1982			78			78
1983			22			119
1984			11			

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

Refer Bukit Peninjau Road Based Improvement Scheme

YEARLY PRODUCTION: Oil palm peak production in year 1987 (9 800 tons of ffd)
 Rubber peak production in year 1992 (250 tons of frc)
 Cocoa peak production in year 1984 (70 tons of fbc)
 Rice peak production in year 1983 (70 tons of padl)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 12	NAME: Mentan Rural Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT
3: LOCAL GOVERNMENT	4: STATUTORY BODIES
5: PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS	8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 2, Part II
- 2:
- 3:
- 4:
- 5:

DERIVED OF
EFFECTS OF
THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 129

SECTOR: AGRICULTURE

PLANNING: IMPLEMENTATION: PRIVATE

NAME OF PROJECT: Clearing, planting and operating - Mentan Crop Area

DESCRIPTION: Lambir-Sibie RMA Private Investor

Clearing, planting and operating of 1 550 acres
(Planting commences in 1977 and finishes in 1979)

Oil palm - 1 085 acres
 Rubber - 310 acres
 Cocoa - 100 acres
 Rice - 55 acres

TOTAL INVESTMENT COSTS: \$1 398 000 (1976 to 1980 - \$1 221 000)

INVESTMENT YEAR BY YEAR: \$'000

1: \$50	2: \$271	3: \$354	4: \$378	5: \$168
6: \$95	7: \$35	8: \$27	9: \$17	10: \$3

OPERATING COSTS YEAR BY YEAR: \$'000

1: \$287	2: \$321	3: \$2	4: \$70	5: \$177
6: \$380	7: \$337	8: \$353	9: \$353	10: \$376
11: \$380	12: \$380	13: \$380	14: \$380	15: \$380
16: \$380	17: \$380	18: \$380	19: \$380	20: \$380

REVENUES YEAR BY YEAR: \$'000

1: \$305	2: \$4	3: \$4	4: \$23	5: \$131
6: \$512	7: \$511	8: \$603	9: \$765	10: \$822
11: \$842	12: \$842	13: \$842	14: \$842	15: \$842
16: \$842	17: \$842	18: \$842	19: \$842	20: \$842

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bukit Peninjau Road Based Improvement Scheme

IDENTIFICATION	PROJECT NUMBER: 130	SECTOR: AGRICULTURE
	DEPARTMENT	FLANNING: IMPLEMENTATION: } PRIVATE
	NAME OF PROJECT: Management - Menakun Private Crop Area	
CONTENTS	DESCRIPTION: Private management of 1 550 acres TOTAL INVESTMENT COSTS: \$162 000 INVESTMENT PERIOD: 1976 to 1979 INVESTMENT YEAR BY YEAR: \$'000 1: \$26 2: \$47 3: \$29 4: \$60 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	OPERATING COSTS YEAR BY YEAR: \$'000 1: \$20 2: \$62 3: \$72 4: \$80 5: \$80 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

MAIN EFFECTS ON THE ENVIRONMENT: 156 farmers benefited EMPLOYMENT: DERIVED EFFECTS OF INVESTMENT CONCERNING THE PROJECT	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> </tr> </thead> <tbody> <tr> <td>1976</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>1</td> </tr> <tr> <td>1977</td> <td></td> <td></td> <td></td> <td>3</td> <td></td> <td>3</td> </tr> <tr> <td>1978</td> <td></td> <td></td> <td></td> <td>5</td> <td></td> <td>5</td> </tr> <tr> <td>1979</td> <td></td> <td></td> <td></td> <td>6</td> <td></td> <td>6</td> </tr> <tr> <td>1980</td> <td></td> <td></td> <td></td> <td>7</td> <td></td> <td>7</td> </tr> </tbody> </table>	YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	1976				1		1	1977				3		3	1978				5		5	1979				6		6	1980				7		7
	YEAR		CONSTRUCTION			OPERATION																																											
PROFESSIO- NALS		CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL																																											
1976				1		1																																											
1977				3		3																																											
1978				5		5																																											
1979				6		6																																											
1980				7		7																																											
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O) Refer Bhatt Pantunju Road Based Improvement Scheme YEARLY PRODUCTION: NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:																																																
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES NO: 12 NAME: Menakun Rural Development NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:																																																
FINANCING	POSSIBILITIES OF FINANCING: 1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS																																																
REFERENCES	REFERENCES: 1: Supporting Report 2, Part III 2: 3: 4: 5:																																																

MAIN EFFECTS ON THE ENVIRONMENT: 120 farmers benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED Field workers	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED Field workers
1975			60			
1977			120			
1978			180			
1979			180			
1980			137			43
1981			90			90
1982			43			137
1983			26			

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

Refer Bukit Peninjau Road Based Improvement Scheme

YEARLY PRODUCTION: Oil palm peak production in year 1987 (11,300 tons of ffb)
rubber peak production in year 1982 (250 tons of dry)
Coconut peak production in year 1981 (80 tons of shell)
Rice peak production in year 1983 (80 tons of paddy)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 13	NAME: Ulu Klad Rural Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORY BODIES	<input type="checkbox"/>
5: PUBLIC FUNDS	<input type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

1: Supporting Report 2, Part II
2:
3:
4:
5:

DERIVED OF
EFFECTS
IMPLEMENTING
THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 131

SECTOR: AGRICULTURE

PLANNING:
IMPLEMENTATION: } PRIVATE

NAME OF PROJECT: Clearing, planting and operating - Ulu Klad Area

DESCRIPTION: Leabir-Sabis Private Investor

Clearing, planting and operating of 1,800 acres
(Planting commences in 1977 and finishes in 1979)
Oil palm - 1,200 acres
Rubber - 300 acres
Coconut - 115 acres
Rice - 55 acres

TOTAL INVESTMENT COSTS: \$1,623,000
(1976 to 1980 - \$1,418,000)

INVESTMENT YEAR BY YEAR: \$'000

1: \$58	2: \$315	3: \$411	4: \$439	5: \$195
6: \$110	7: \$41	8: \$11	9: \$20	10: \$3

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3: \$2	4: \$82	5: \$206
6: \$333	7: \$373	8: \$391	9: \$408	10: \$436
11: \$441	12: \$441	13: \$441	14: \$441	15: \$441
16: \$441	17: \$441	18: \$441	19: \$441	20: \$441

REVENUES YEAR BY YEAR: \$'000

1:	2:	3: \$5	4: \$27	5: \$152
6: \$255	7: \$293	8: \$770	9: \$869	10: \$954
11: \$978	12: \$978	13: \$978	14: \$978	15: \$978
16: \$978	17: \$978	18: \$978	19: \$978	20: \$978

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bukit Peninjau Road Based Improvement Scheme

MAIN EFFECTS ON THE ENVIRONMENT: 325 farmers will be benefited by 1982

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1976			150 Field workers			Field workers
1977			210			
1978			300			
1979			400			
1980						410
1981						650

DERIVED OF
EFFECTS OF
IMPLEMENTING
THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

Refer Bukit Pinitaju Road Based Improvement Scheme

YEARLY PRODUCTION: Oil palm peak production in year 1989 (14,000 tons of FO)
 Rubber peak production in year 1995 (1,600 tons of dec)
 Cocoa peak production in year 1987 (250 tons of dec)
 Rice peak production in year 1985 (220 tons of pail)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 19 NAME: Beluru RD Rural Development

NO: NAME:
 NO: NAME:
 NO: NAME:
 NO: NAME:
 NO: NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 2, Part II
- 2:
- 3: MESTRA 1982-83
- 4:
- 5:

PROJECT NUMBER: 133

SECTOR: AGRICULTURE

PLANNING:
 DEPARTMENT IMPLEMENTATION:
 PRIVATE
 SUBJECT:

NAME OF PROJECT: Clearing, planting and operating - Beluru Road Based Improvement Scheme

DESCRIPTION: Clearing, planting and operating of 5,200 acres
 (Planting commences in 1977 and finishes in 1982)

Oil palm - 1,820 acres
 Rubber - 2,150 acres
 Cocoa - 130 acres
 Rice - 340 acres
 Other - 500 acres
 crops
 325 farmers

TOTAL INVESTMENT COSTS: \$1,905,000
 (1976 to 1980 - \$1,090,000)

INVESTMENT PERIOD: 1976 to 1988 inclusive

INVESTMENT YEAR BY YEAR: \$'000

1: \$90	2: \$448	3: \$408	4: \$462	5: \$490
6: \$472	7: \$753	8: \$354	9: \$173	10: \$110
11: \$74	12: \$52	13: \$19		

OPERATING COSTS YEAR BY YEAR: \$'000

1: \$111	2: \$414	3: \$28	4: \$105	5: \$218
6: \$111	7: \$414	8: \$613	9: \$802	10: \$971
11: \$1,061	12: \$1,118	13: \$1,252	14: \$1,297	15: \$1,297
16: \$1,297	17: \$1,297	18: \$1,297	19: \$1,297	20: \$1,297

REVENUES YEAR BY YEAR: \$'000

1: \$326	2: \$607	3: \$39	4: \$72	5: \$225
6: \$1,803	7: \$1,965	8: \$2,154	9: \$1,212	10: \$1,522
11: \$2,247	12: \$2,247	13: \$2,247	14: \$2,247	15: \$2,247
16: \$2,247	17: \$2,247	18: \$2,247	19: \$2,247	20: \$2,247

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bukit Pinitaju Road Based Improvement Scheme

UNIT (OR ITEM)	COSTS	UNIT (OR ITEM)	REVENUES
1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	
9		9	
10		10	
11		11	
12		12	
13		13	
14		14	
15		15	
16		16	
17		17	
18		18	
19		19	
20		20	

REFERENCES

IDENTIFICATION	PROJECT NUMBER: 134	SECTOR: AGRICULTURE			
	DEPARTMENT: <input type="checkbox"/> PUBLIC <input type="checkbox"/> PRIVATE	PLANNING AND IMPLEMENTATION: <input type="checkbox"/> PUBLIC <input type="checkbox"/> PRIVATE			
	NAME OF PROJECT: Clearing, planting and operating - Marudi Road Based Improvement Scheme				
CONTENTS	DESCRIPTION: Clearing, planting and operating of 1,180 acres (Planting commences in 1977 and finishes in 1982)				
	Rubber - 2,830 acres Cocoa - 350 acres Rice - 350 acres Other crops - 650 acres 250 farmers				
	TOTAL INVESTMENT COSTS: \$3,625,000 (1976 to 1980 - \$4,097,000)	INVESTMENT PERIOD: 1976 to 1988			
	INVESTMENT YEAR BY YEAR: \$'000				
	1: \$96	2: \$170	3: \$122	4: \$543	5: \$266
	6: \$461	7: \$442	8: \$253	9: \$165	10: \$108
	11: \$60	12: \$39	13: \$9		
	OPERATING COSTS YEAR BY YEAR: \$'000				
	1: \$39	2: \$39	3: \$35	4: \$121	5: \$167
	6: \$231	7: \$560	8: \$298	9: \$782	10: \$917
	11: \$1,014	12: \$1,093	13: \$1,119	14: \$1,119	15: \$1,119
	16: \$1,119	17: \$1,119	18: \$1,119	19: \$1,119	20: \$1,119
	REVENUES YEAR BY YEAR: \$'000				
	1: \$0	2: \$53	3: \$72	4: \$170	5: \$254
	6: \$339	7: \$611	8: \$644	9: \$1,099	10: \$1,273
	11: \$1,208	12: \$1,513	13: \$1,525	14: \$1,525	15: \$1,525
	16: \$1,525	17: \$1,525	18: \$1,525	19: \$1,525	20: \$1,525
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS				
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Bukit Peninsula Road Based Improvement Scheme				

MAIN EFFECTS ON THE ENVIRONMENT: 250 farmers will be benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO-NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO-NALS	CLERICAL SKILLED	UNSKILLED
1976			Field workers			Field workers
1977			150			
1978			210			
1979			300			
1980			600			
1981			1100			
						500

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)
Refer Bukit Peninsula Road Based Improvement Scheme

YEARLY PRODUCTION: Rubber peak production in year 1995 (1,920 tons of drc)
Cocoa peak production in year 1987 (200 tons of drc)
Rice peak production in year 1986 (430 tons of padi)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 20 NAME: Marudi RD Rural Development

NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
2: STATE GOVERNMENT
3: LOCAL GOVERNMENT
4: STATUTORY BODIES
5: PUBLIC FUNDS
6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS
8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 2, Part II
2:
3:
4:
5:

DERIVED FROM THE EFFECTS OF THE PROJECT

LINKS

FINANCING

REFERENCES

MAIN EFFECTS ON THE ENVIRONMENT: 200 farmers will be benefited by 1982

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1976			Field workers			Field workers
1977			150			
1978			210			
1979			300			
1980			350			
1981			370			400

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

Refer Bukit Peninjau Road Based Improvement Scheme

YEARLY PRODUCTION: Rubber peak production in year 1982 (1 500 tons of dry)
 Coconut peak production in year 1987 (160 tons of dry)
 Rice peak production in year 1986 (340 tons of paddy)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:	NAME:
NO: 21	NAME: Bukit BHD Rural Development	
NO:	NAME:	

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 2, Part II
- 2:
- 3:
- 4:
- 5:

DERIVED OF
 IMPLEMENTING
 THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 135

SECTOR: AGRICULTURE

DEPARTMENT: PLANNING: AND IMPLEMENTATION: PRIVATE

NAME OF PROJECT: Clearing, planting and operating - Bintulu 10th mile Road Based Improvement Scheme

DESCRIPTION: Clearing, planting and operating of 3 300 acres of land
 (Planting commences in 1977 and finishes in 1982)
 Rubber - 2 280 acres
 Coconuts - 280 acres
 Other crops - 460 acres
 200 farmers

TOTAL INVESTMENT COSTS: \$2 862 000
 (1976 to 1980 - \$1 866 000)

INVESTMENT YEAR BY YEAR: \$'000

- 1: \$96 2: \$170 3: \$416 4: \$482 5: \$396
- 6: \$118 7: \$293 8: \$172 9: \$105 10: \$62
- 11: \$31 12: \$16 13: \$5

OPERATING COSTS YEAR BY YEAR: \$'000

- 1: 2: \$39 3: \$55 4: \$118 5: \$153
- 6: \$207 7: \$394 8: \$516 9: \$683 10: \$778
- 11: \$828 12: \$970 13: \$983 14: \$983 15: \$983
- 16: \$983 17: \$983 18: \$983 19: \$983 20: \$983

REVENUES YEAR BY YEAR: \$'000

- 1: 2: \$53 3: \$72 4: \$167 5: \$238
- 6: \$305 7: \$517 8: \$783 9: \$935 10: \$1 061
- 11: \$1 299 12: \$1 206 13: \$1 228 14: \$1 228 15: \$1 228
- 16: \$1 228 17: \$1 228 18: \$1 228 19: \$1 228 20: \$1 228

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bukit Peninjau Road Based Improvement Scheme

IDENTIFICATION	PROJECT NUMBER: 136	SECTOR: AGRICULTURE
	DEPARTMENT	PLANNING: NEW PRIVATE
CONTENTS	NAME OF PROJECT: Clearing, planting and operating - Bekemu Road Based Improvement Scheme	
	DESCRIPTION: Road Based Development Clearing, planting and operating of 5,200 acres (Planting commences in 1977 and finishes in 1982) 011 pala - 1 950 acres Rubber - 2 150 acres Coconuts - 430 acres Rice - 340 acres Other crops - 500 acres 305 farmers	
	TOTAL INVESTMENT COSTS: \$3 905 000 (1976 to 1980 - \$1 958 000)	INVESTMENT PERIOD: 1976 to 1980 inclusive
	INVESTMENT YEAR BY YEAR: \$'000	
	1: \$90	4: \$462
	2: \$410	5: \$490
	6: \$472	7: \$753
	8: \$354	9: \$173
	10: \$110	
	OPERATING COSTS YEAR BY YEAR: \$'000	
	1: \$20	4: \$105
	2: \$328	5: \$218
	3: \$414	6: \$613
	7: \$602	10: \$974
	11: \$1 061	12: \$1 118
	13: \$1 252	14: \$1 297
	15: \$1 297	16: \$1 297
	17: \$1 297	18: \$1 297
	19: \$1 297	20: \$1 297
	REVENUES YEAR BY YEAR: \$'000	
	1: \$0	4: \$72
	2: \$39	5: \$225
	6: \$398	7: \$607
	8: \$938	9: \$1 212
	10: \$1 502	11: \$1 803
	12: \$2 154	13: \$2 217
	14: \$2 217	15: \$2 217
	16: \$2 217	17: \$2 217
	18: \$2 217	19: \$2 217
	20: \$2 217	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	
	Refer Bekit Peninjau Road Based Improvement Scheme	

EFFECTS OF THIS PROJECT	EMPLOYMENT:	CONSTRUCTION	OPERATION					
	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED
DERIVED EFFECTS OF IMPLEMENTING THIS PROJECT	1976		Field workers				Field workers	
	1977		150					
	1978		210					
	1979		300					
	1980		400					
	1981						440	
	1982						690	
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)	Refer Bekit Peninjau Road Based Improvement Scheme						
	YEARLY PRODUCTION:	011 pala peak production in year 1989 (14 000 tons of (C)) Rubber peak production in year 1995 (1 460 tons of (C)) Coconuts peak production in year 1987 (250 tons of (C)) Rice peak production in year 1986 (420 tons of (C))						
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:						
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES	NO: 22 NO: 23 NO: 24 NO: 25 NO: 26 NO: 27 NO: 28 NAME: Bekemu RBD Rural Development						
FINANCING	POSSIBILITIES OF FINANCING:	1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS						
REFERENCES	REFERENCES:	1: Supporting Report 2, Part II 2: 3: 4: 5:						

IDENTIFICATION	PROJECT NUMBER: 136	SECTOR: FORESTRY
	PLANNING: FEDERAL DEPARTMENT: PRIVATE BUDGET: PRIVATE	
	NAME OF PROJECT: Salvage logging - Lamau	
CONTENTS	DESCRIPTION: Salvage felling of forest land for agricultural cultivation 8 700 acres - felling, skidding and loading	
	OPERATION PERIOD: 1976 to 1977	
	TOTAL INVESTMENT COSTS:	
COSTS AND REVENUES (1977 PRICES)	INVESTMENT YEAR BY YEAR:	
	1: 2: 3: 4: 5:	6: 7: 8: 9: 10:
	OPERATING COSTS YEAR BY YEAR: \$'000	
	1: 2: 3: 4: 5:	6: 7: 8: 9: 10:
	11: 12: 13: 14: 15:	16: 17: 18: 19: 20:
	REVENUES YEAR BY YEAR: \$'000	
	1: 2: 3: 4: 5:	6: 7: 8: 9: 10:
	11: 12: 13: 14: 15:	16: 17: 18: 19: 20:
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:									
	EMPLOYMENT:									
	CONSTRUCTION					OPERATION				
	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED	TOTAL	
	1									17
	2									17
	3									
	4									
	5									
	6									
7										
8										
9										
10										
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)										
YEARLY PRODUCTION:										
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:										
1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	
11:	12:	13:	14:	15:	16:	17:	18:	19:	20:	
LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES										
NO: 8	NAME: Lamau Rural Development									
NO:	NAME:									
NO:	NAME:									
NO:	NAME:									
NO:	NAME:									
NO:	NAME:									
POSSIBILITIES OF FINANCING:										
1:	FEDERAL GOVERNMENT		2:	STATE GOVERNMENT						
3:	LOCAL GOVERNMENT		4:	STATUTORY BODIES						
5:	PUBLIC FUNDS		6:	PRIVATE DOMESTIC SAVINGS						
7:	PRIVATE FOREIGN LOANS		8:	PUBLIC FOREIGN LOANS						
REFERENCES:										
1:	Supporting Report 3, Part I									
2:										
3:										
4:										
5:										
LINKS										
FINANCING										
REFERENCES										

IDENTIFICATION	PROJECT NUMBER: 139	SECTOR: FORESTRY
	FINANCING: DEPARTMENT: TO PRIVATE IMPLEMENTATION: PRIVATE BUDGET: PRIVATE	
CONTENTS	NAME OF PROJECT: Salvage felling - Ulu Klud	
	DESCRIPTION: Salvage felling of forest land for agricultural cultivation 2 000 acres - felling, skidding and loading	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: OPERATION PERIOD: 1975	
	INVESTMENT YEAR BY YEAR:	
FINANCING	OPERATING COSTS YEAR BY YEAR: \$'000	
	REVENUES YEAR BY YEAR: \$'000	
REFERENCES	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

IDENTIFICATION	MAIN EFFECTS ON THE ENVIRONMENT:	
	EMPLOYMENT:	
CONTENTS	DERIVED BENEFITS OF IMPLEMENTING THE PROJECT	
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)	
COSTS AND REVENUES (1973 PRICES)	YEARLY PRODUCTION: 8 000 tons	
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:	
FINANCING	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES	
	POSSIBILITIES OF FINANCING:	
REFERENCES	REFERENCES:	

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						8
2						
3						
4						
5						
6						
7						
8						
9						
10						

2 Tractors, saws

YEARLY PRODUCTION: 8 000 tons

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 13 NAME: Ulu Klud Rural Development

NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input checked="" type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

1:	Supporting Report 3, Part I
2:	
3:	
4:	
5:	

PROJECT NUMBER: 140 SECTOR: FORESTRY

DEPARTMENT: PLANNING: ID/PRIVATE
 IMPLEMENTATION: PRIVATE
 BUDGET: PRIVATE

NAME OF PROJECT: Salvage felling - Ulu Masit

DESCRIPTION: Salvage felling of forest land for agricultural cultivation
 3 800 acres - felling, skidding, loading and hauling

OPERATION PERIOD: 1977

TOTAL INVESTMENT COSTS:

INVESTMENT YEAR BY YEAR:	1:	2:	3:	4:	5:
	6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

OPERATION PERIOD: 1977

TOTAL INVESTMENT COSTS:

INVESTMENT YEAR BY YEAR:	1:	2:	3:	4:	5:
	6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

OPERATION PERIOD: 1977

TOTAL INVESTMENT COSTS:

INVESTMENT YEAR BY YEAR:	1:	2:	3:	4:	5:
	6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

OPERATION PERIOD: 1977

TOTAL INVESTMENT COSTS:

INVESTMENT YEAR BY YEAR:	1:	2:	3:	4:	5:
	6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

OPERATION PERIOD: 1977

TOTAL INVESTMENT COSTS:

INVESTMENT YEAR BY YEAR:	1:	2:	3:	4:	5:
	6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

OPERATION PERIOD: 1977

TOTAL INVESTMENT COSTS:

INVESTMENT YEAR BY YEAR:	1:	2:	3:	4:	5:
	6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

OPERATION PERIOD: 1977

TOTAL INVESTMENT COSTS:

INVESTMENT YEAR BY YEAR:	1:	2:	3:	4:	5:
	6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

OPERATION PERIOD: 1977

TOTAL INVESTMENT COSTS:

INVESTMENT YEAR BY YEAR:	1:	2:	3:	4:	5:
	6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

OPERATION PERIOD: 1977

TOTAL INVESTMENT COSTS:

INVESTMENT YEAR BY YEAR:	1:	2:	3:	4:	5:
	6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

OPERATION PERIOD: 1977

TOTAL INVESTMENT COSTS:

INVESTMENT YEAR BY YEAR:	1:	2:	3:	4:	5:
	6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

OPERATION PERIOD: 1977

TOTAL INVESTMENT COSTS:

INVESTMENT YEAR BY YEAR:	1:	2:	3:	4:	5:
	6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

OPERATION PERIOD: 1977

TOTAL INVESTMENT COSTS:

INVESTMENT YEAR BY YEAR:	1:	2:	3:	4:	5:
	6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 15	NAME: Ulu Masit Rural Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input checked="" type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

1:	Supporting Report 3, Part I
2:	
3:	
4:	
5:	

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

IDENTIFICATION

PROJECT NUMBER: 140 SECTOR: FORESTRY

DEPARTMENT: PLANNING: ID/PRIVATE
 IMPLEMENTATION: PRIVATE
 BUDGET: PRIVATE

NAME OF PROJECT: Salvage felling - Ulu Masit

DESCRIPTION: Salvage felling of forest land for agricultural cultivation
 3 800 acres - felling, skidding, loading and hauling

OPERATION PERIOD: 1977

TOTAL INVESTMENT COSTS:

INVESTMENT YEAR BY YEAR:	1:	2:	3:	4:	5:
	6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

LINKS

FINANCING

REFERENCES

IDENTIFICATION	PROJECT NUMBER: 141	SECTOR: FORESTRY
	DEPARTMENT	PLANNING: FEDERAL IMPLEMENTATION: FEDERAL BUDGET: PRIVATE
	NAME OF PROJECT: Salvage felling - Sungai Klid	
CONTENTS	DESCRIPTION: Salvage felling of forest land for agricultural cultivation 14 000 acres - felling, skidding and loading OPERATION PERIOD: 1976 to 1977 TOTAL INVESTMENT COSTS: INVESTMENT YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: OPERATING COSTS YEAR BY YEAR: \$'000 1: \$1 400 2: \$1 510 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20: REVENUES YEAR BY YEAR: \$'000 1: \$2 100 2: \$2 200 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1977 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

DETAILED DESCRIPTION OF THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: EMPLOYMENT: <table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td>28</td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td>28</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>										YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	1						28	2						28	3							4							5							6							7							8							9							10						
	YEAR	CONSTRUCTION			OPERATION																																																																																								
PROFESSIO- NALS		CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL																																																																																							
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10																																																																																													
DERIVED FROM THE PROJECT	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O) 6 Tractors, 2000, 1 wheel loader YEARLY PRODUCTION: 56 000 tons NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:																																																																																												
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES NO: 16 NAME: Sungai Klid Rural Development NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:																																																																																												
FINANCING	POSSIBILITIES OF FINANCING: 1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS																																																																																												
REFERENCES	REFERENCES: 1: Supporting Report 3, Part I 2: 3: 4: 5:																																																																																												

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1								16
2								
3								
4								
5								
6								
7								
8								
9								
10								

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)
4 Tractors, saws, 1 loader

YEARLY PRODUCTION: 16 500 tons

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 14 NAME: M. Jee Rural Development

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT

2: STATE GOVERNMENT

3: LOCAL GOVERNMENT

4: STATUTORY BODIES

5: PUBLIC FUNDS

6: PRIVATE DOMESTIC SAVINGS

7: PRIVATE FOREIGN LOANS

8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 3, Part I

2:

3:

4:

5:

DERIVED OF
IMPLEMENTING
THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 112 SECTOR: FORESTRY

DEPARTMENT: PLANNING: PUBLIC / PRIVATE
IMPLEMENTATION: PUBLIC / PRIVATE
BUDGET: PUBLIC / PRIVATE

NAME OF PROJECT: Final felling - M. Jee

DESCRIPTION: Salvage felling of forest land for agricultural cultivation in case that ordinary logging has taken place previous to the agricultural development
4 700 acres - felling, skidding and loading

OPERATION PERIOD: 1976

TOTAL INVESTMENT COSTS:

INVESTMENT YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

IDENTIFICATION	PROJECT NUMBER: 144	SECTOR: HOUSING
	DEPARTMENT: PLANNING; IMPLEMENTATION: PRIVATE	
CONTENTS	NAME OF PROJECT: Housing - Labang	
	DESCRIPTION: Units of house - 41	
COSTS AND REVENUES (1977 PRICES)	TOTAL INVESTMENT COSTS: \$301 000 INVESTMENT PERIOD: Mid 1976 to 1980	
	INVESTMENT YEAR BY YEAR: \$'000	
	1: \$33	2: \$66
	3: \$66	4: \$66
	5: \$70	6: \$70
	7: \$70	8: \$70
	9: \$70	10: \$70
	11: \$70	12: \$70
	13: \$70	14: \$70
	15: \$70	16: \$70
	17: \$70	18: \$70
	19: \$70	20: \$70
	21: \$70	22: \$70
	23: \$70	24: \$70
	25: \$70	26: \$70
	27: \$70	28: \$70
	29: \$70	30: \$70
	31: \$70	32: \$70
	33: \$70	34: \$70
	35: \$70	36: \$70
	37: \$70	38: \$70
	39: \$70	40: \$70
	41: \$70	42: \$70
	43: \$70	44: \$70
	45: \$70	46: \$70
	47: \$70	48: \$70
	49: \$70	50: \$70
	51: \$70	52: \$70
	53: \$70	54: \$70
	55: \$70	56: \$70
	57: \$70	58: \$70
	59: \$70	60: \$70
	61: \$70	62: \$70
	63: \$70	64: \$70
	65: \$70	66: \$70
	67: \$70	68: \$70
	69: \$70	70: \$70
	71: \$70	72: \$70
	73: \$70	74: \$70
	75: \$70	76: \$70
	77: \$70	78: \$70
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	83: \$70	84: \$70
	85: \$70	86: \$70
	87: \$70	88: \$70
	89: \$70	90: \$70
	91: \$70	92: \$70
	93: \$70	94: \$70
	95: \$70	96: \$70
	97: \$70	98: \$70
	99: \$70	100: \$70
	101: \$70	102: \$70
	103: \$70	104: \$70
	105: \$70	106: \$70
	107: \$70	108: \$70
	109: \$70	110: \$70
	111: \$70	112: \$70
	113: \$70	114: \$70
	115: \$70	116: \$70
	117: \$70	118: \$70
	119: \$70	120: \$70
	121: \$70	122: \$70
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	147: \$70	148: \$70
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	165: \$70	166: \$70
	167: \$70	168: \$70
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	175: \$70	176: \$70
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	517: \$70	518: \$70
	519: \$70	520: \$70
	521: \$70	522: \$70
	523: \$70	524: \$70
	525: \$70	526: \$70
	527: \$70	528: \$70
	529: \$70	530: \$70
	531: \$70	532: \$70
	533: \$70	534: \$70
	535: \$70	536: \$70
	537: \$70	538: \$70
	539: \$70	540: \$70
	541: \$70	542: \$70
	543: \$70	544: \$70
	545: \$70	546: \$70
	547: \$70	548: \$70
	549: \$70	550: \$70
	551: \$70	552: \$70
	553: \$70	554: \$70
	555: \$70	556: \$70
	557: \$70	558: \$70
	559: \$70	560: \$70
	561: \$70	562: \$70
	563: \$70	564: \$70
	565: \$70	566: \$70
	567: \$70	568: \$70
	569: \$70	570: \$70
	571: \$70	572: \$70
	573: \$70	574: \$70
	575: \$70	576: \$70
	577: \$70	578: \$70
	579: \$70	580: \$70
	581: \$70	582: \$70
	583: \$70	584: \$70
	585: \$70	586: \$70
	587: \$70	588: \$70
	589: \$70	590: \$70
	591: \$70	592: \$70
	593: \$70	594: \$70
	595: \$70	596: \$70
	597: \$70	598: \$70
	599: \$70	600: \$70
	601: \$70	602: \$70
	603: \$70	604: \$70
	605: \$70	606: \$70
	607: \$70	608: \$70
	609: \$70	610: \$70
	611: \$70	612: \$70
	613: \$70	614: \$70
	615: \$70	616: \$70
	617: \$70	618: \$70
	619: \$70	620: \$70
	621: \$70	622: \$70
	623: \$70	624: \$70
	625: \$70	626: \$70
	627: \$70	628: \$70
	629: \$70	630: \$70
	631: \$70	632: \$70
	633: \$70	634: \$70
	635: \$70	636: \$70
	637: \$70	638: \$70
	639: \$70	640: \$70
	641: \$70	642: \$70
	643: \$70	644: \$

IDENTIFICATION	PROJECT NUMBER: 145	SECTOR: TRANSPORT
	DEPARTMENT: PLANNING: IMPLEMENTATION: } PWD BUDGET:	
CONTENTS	NAME OF PROJECT: Labang-Tubau road	
	DESCRIPTION: Secondary road standard Total length - 17.3 miles, alignment according to trunk road standard Width of formation - 36 feet Pavement - 20 feet Surface - gravel	
	TOTAL INVESTMENT COSTS: \$1,460,000	INVESTMENT PERIOD: 3 years
	INVESTMENT YEAR BY YEAR: 1976+	
	1: \$600,000 2: \$1,600,000 3: \$560,000 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:
	OPERATING COSTS YEAR BY YEAR: 1977+	
	1: \$23,000 2: \$63,000 3: \$67,000 4: \$67,000 5: \$207,000 6: \$67,000 7: \$67,000 8: \$67,000 9: \$207,000 10: etc 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1977 PRICES)	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: 1 mile - \$200,000	

MAIN EFFECTS ON THE ENVIRONMENT: Links Labang with Tubau and at the same time to the whole road network system

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1								
2								
3								
4								3
5								9
6								12
7								12
8								
9								
10								

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 17 NAME: Tubau RD Rural Development
 NO: 11 NAME: Tubau Town Development
 NO: 17 NAME: Agricultural Development in Bacshan-Lebus
 NO: NAME:
 NO: NAME:
 NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT
 3: LOCAL GOVERNMENT 4: STATUTORY BODIES
 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS
 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 7
 2: Supporting Report 6, Part II
 3:
 4:
 5:

IDENTIFICATION	PROJECT NUMBER: 146	SECTOR: TRANSPORT			
	DEPARTMENT: PLANNING: IMPLEMENTATION: BUDGET: } FMD				
CONTENTS	NAME OF PROJECT: Sigrok road				
	DESCRIPTION: Improved feeder road standard Total length - 4 miles Width of formation - 30 feet Permanent - 10 feet Surface - 10 feet - gravel				
	TOTAL INVESTMENT COSTS: \$600 000	INVESTMENT PERIOD: 1976			
	INVESTMENT YEAR BY YEAR: 1976 +				
	1: \$600 000	2: 3: 4: 5: 6: 7: 8: 9: 10:			
	OPERATING COSTS YEAR BY YEAR: 1977 +				
	1: \$20 000	2: \$20 000	3: \$20 000	4: \$48 000	5: \$20 000
	6: \$20 000	7: \$20 000	8: \$48 000	9: etc	10: \$20 000
	11: \$20 000	12: \$20 000	13: \$20 000	14: \$20 000	15: \$20 000
	16: \$20 000	17: \$20 000	18: \$20 000	19: \$20 000	20: \$20 000
	REVENUES YEAR BY YEAR:				
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:				
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS				
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: 1 mile - \$150 000				

MAIN EFFECTS ON THE ENVIRONMENT: Opens up forest areas for Bintulu Timber Complex	EMPLOYMENT:									
	CONSTRUCTION					OPERATION				
DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED	TOTAL	
	1									
	2									
	3									
	4									
	5								3	
	6								3	
	7								3	
	8								3	
	9									
	10									
	INPUT OTHER THAN LABOUR: CONSTRUCTION (c), OPERATION (o)									
	YEARLY PRODUCTION:									
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:									
	1:	2:	3:	4:	5:	6:	7:	8:	9:	10:
	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:
	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES									
LINKS	NO: -27	NAME: Bintulu Timber Complex								
	NO:	NAME: Agricultural development in Sigrok								
	NO:	NAME:								
	NO:	NAME:								
	NO:	NAME:								
	NO:	NAME:								
FINANCING	POSSIBILITIES OF FINANCING:									
	1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>				
	3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>				
	5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>				
	7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>				
	REFERENCES:									
	1:	Supporting Report 7								
	2:	Supporting Report 6, Part II								
3:										
4:										
5:										

IDENTIFICATION	PROJECT NUMBER: 147	SECTOR: TRANSPORT
	PLANNING: } DEPARTMENT: } BUDGET: } PWD	
CONTENTS	NAME OF PROJECT: SigraK service centre - SigraK village road	
	DESCRIPTION: Fender road standard Total length - 2.8 miles Width of formation - 28 feet Pavement - 14 feet Surface - gravel	
	TOTAL INVESTMENT COSTS: \$136 000	INVESTMENT PERIOD: 1976
	INVESTMENT YEAR BY YEAR: 1976	
	1: \$136 000	2: 4: 5:
	6:	7: 8: 9: 10:
	OPERATING COSTS YEAR BY YEAR: 1977	
	1: \$14 000	2: \$14 000
	3: \$14 000	4: \$14 000
	5: \$14 000	6: \$14 000
	7: \$14 000	8: \$14 000
	9: etc	10:
	11:	12: 13:
	14:	15:
	16:	17: 18:
	19:	20:
	REVENUES YEAR BY YEAR:	
	1:	2: 3:
	4:	5: 6:
	7:	8: 9:
	10:	11: 12:
	13:	14: 15:
	16:	17: 18:
	19:	20:
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	
	1 mile - \$120 000	

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: Links up SigraK service centre with the SigraK village, opens up forest land for Bintulu Timber Complex									
	EMPLOYMENT:									
	CONSTRUCTION		OPERATION							
	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	
	1									
	2									
	3									
	4									
	5									2
	6									2
	7									2
	8									
	9									
10										
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)									
	YEARLY PRODUCTION:									
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:									
	1:	2:	3:	4:	5:	6:	7:	8:	9:	10:
	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES									
	NO: 27	NAME: Bintulu Timber Complex								
	NO:	NAME: Agricultural development in SigraK								
	NO:	NAME:								
	NO:	NAME:								
	NO:	NAME:								
FINANCING	POSSIBILITIES OF FINANCING:									
	1:	FEDERAL GOVERNMENT								
	2:	STATE GOVERNMENT								
	3:	LOCAL GOVERNMENT								
REFERENCES	4:	PUBLIC FUNDS								
	5:	PRIVATE FOREIGN-LOANS								
	6:	STATE GOVERNMENT								
	7:	STATUTORY BODIES								
	8:	PRIVATE DOMESTIC SAVINGS								
	9:	PUBLIC FOREIGN-LOANS								
	10:	STATE GOVERNMENT								
	11:	STATUTORY BODIES								
	12:	PRIVATE DOMESTIC SAVINGS								
	13:	PUBLIC FOREIGN-LOANS								
	14:	STATE GOVERNMENT								
	15:	STATUTORY BODIES								
	16:	PRIVATE DOMESTIC SAVINGS								
	17:	PUBLIC FOREIGN-LOANS								
	18:	STATE GOVERNMENT								
	19:	STATUTORY BODIES								
	20:	PRIVATE DOMESTIC SAVINGS								
	21:	PUBLIC FOREIGN-LOANS								
	22:	STATE GOVERNMENT								
	23:	STATUTORY BODIES								
	24:	PRIVATE DOMESTIC SAVINGS								
	25:	PUBLIC FOREIGN-LOANS								
	26:	STATE GOVERNMENT								
	27:	STATUTORY BODIES								
	28:	PRIVATE DOMESTIC SAVINGS								
	29:	PUBLIC FOREIGN-LOANS								
	30:	STATE GOVERNMENT								
	31:	STATUTORY BODIES								
	32:	PRIVATE DOMESTIC SAVINGS								
	33:	PUBLIC FOREIGN-LOANS								
	34:	STATE GOVERNMENT								
	35:	STATUTORY BODIES								
	36:	PRIVATE DOMESTIC SAVINGS								
	37:	PUBLIC FOREIGN-LOANS								
	38:	STATE GOVERNMENT								
	39:	STATUTORY BODIES								
	40:	PRIVATE DOMESTIC SAVINGS								
	41:	PUBLIC FOREIGN-LOANS								
	42:	STATE GOVERNMENT								
	43:	STATUTORY BODIES								
	44:	PRIVATE DOMESTIC SAVINGS								
	45:	PUBLIC FOREIGN-LOANS								
	46:	STATE GOVERNMENT								
	47:	STATUTORY BODIES								
	48:	PRIVATE DOMESTIC SAVINGS								
	49:	PUBLIC FOREIGN-LOANS								
	50:	STATE GOVERNMENT								
	51:	STATUTORY BODIES								
	52:	PRIVATE DOMESTIC SAVINGS								
	53:	PUBLIC FOREIGN-LOANS								
	54:	STATE GOVERNMENT								
	55:	STATUTORY BODIES								
	56:	PRIVATE DOMESTIC SAVINGS								
	57:	PUBLIC FOREIGN-LOANS								
	58:	STATE GOVERNMENT								
	59:	STATUTORY BODIES								
	60:	PRIVATE DOMESTIC SAVINGS								
	61:	PUBLIC FOREIGN-LOANS								
	62:	STATE GOVERNMENT								
	63:	STATUTORY BODIES								
	64:	PRIVATE DOMESTIC SAVINGS								
	65:	PUBLIC FOREIGN-LOANS								
	66:	STATE GOVERNMENT								
	67:	STATUTORY BODIES								
	68:	PRIVATE DOMESTIC SAVINGS								
	69:	PUBLIC FOREIGN-LOANS								
	70:	STATE GOVERNMENT								
	71:	STATUTORY BODIES								
	72:	PRIVATE DOMESTIC SAVINGS								
	73:	PUBLIC FOREIGN-LOANS								
	74:	STATE GOVERNMENT								
	75:	STATUTORY BODIES								
	76:	PRIVATE DOMESTIC SAVINGS								
	77:	PUBLIC FOREIGN-LOANS								
	78:	STATE GOVERNMENT								
	79:	STATUTORY BODIES								
	80:	PRIVATE DOMESTIC SAVINGS								
	81:	PUBLIC FOREIGN-LOANS								
	82:	STATE GOVERNMENT								
	83:	STATUTORY BODIES								
	84:	PRIVATE DOMESTIC SAVINGS								
	85:	PUBLIC FOREIGN-LOANS								
	86:	STATE GOVERNMENT								
	87:	STATUTORY BODIES								
	88:	PRIVATE DOMESTIC SAVINGS								
	89:	PUBLIC FOREIGN-LOANS								
	90:	STATE GOVERNMENT								
	91:	STATUTORY BODIES								
	92:	PRIVATE DOMESTIC SAVINGS								
	93:	PUBLIC FOREIGN-LOANS								
	94:	STATE GOVERNMENT								
	95:	STATUTORY BODIES								
	96:	PRIVATE DOMESTIC SAVINGS								
	97:	PUBLIC FOREIGN-LOANS								
	98:	STATE GOVERNMENT								
	99:	STATUTORY BODIES								
	100:	PRIVATE DOMESTIC SAVINGS								

MAIN EFFECTS ON THE ENVIRONMENT: Links up Galesah with the main road network system

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO: 6	NAME: Galesah Rural Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 7
- 2: Supporting Report 6, Part II
- 3:
- 4:
- 5:

DERIVED OF
IMPLEMENTING
THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 146 SECTOR: TRANSPORT

DEPARTMENT: }
PLANNING: }
IMPLEMENTATION: }
BUDGET: } FND

NAME OF PROJECT: Miri-Sipitulu road - Galesah road

DESCRIPTION: Feder road standard
Total length - 1.3 miles
Width of formation - 28 feet
Pavement - 14 feet
Surface - gravel

TOTAL INVESTMENT COSTS: \$156 000 INVESTMENT PERIOD: 1976

INVESTMENT YEAR BY YEAR: 1976

- 1: \$156 000 2: 3: 4: 5:
- 6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: 1977*

- 1: \$7 000 2: \$7 000 3: \$7 000 4: \$16 000 5: \$7 000
- 6: \$7 000 7: \$7 000 8: \$16 000 9: etc 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:
1 mile - \$120 000

COSTS AND
REVENUES
(1973 PRICES)

IDENTIFICATION	PROJECT NUMBER: 149	SECTOR: TRANSPORT
	DEPARTMENT	PLANNING: IMPLEMENTATION: } PMD
CONTENTS	NAME OF PROJECT: Bridges - Lutong-Kaala Bays	
	DESCRIPTION: 2 bridges along the Lutong-Kaala Bays road	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$200 000 INVESTMENT PERIOD: 1976	
	INVESTMENT YEAR BY YEAR: 1976	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR:	
	REVENUES YEAR BY YEAR:	
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

MAIN EFFECTS ON THE ENVIRONMENT: Allow heavier traffic

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- 1: Supporting Report 7
- 2: PMD preliminary estimates (Mid-Term Review)
- 3:
- 4:
- 5:

MAIN EFFECTS ON THE ENVIRONMENT: Give access to new town areas

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED
1977						4
1978						8
1979						12
1980						16

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 2	NAME: Birtulu Town Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT
3: LOCAL GOVERNMENT	4: STATUTORY BODIES
5: PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS	8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 7
2: Supporting Report 5
3:
4:
5:

PROJECT NUMBER: 150 SECTOR: TRANSPORT

DEPARTMENT: L & SD
IMPLEMENTATION: PMD
BUDGET: PMD

NAME OF PROJECT: Urban roads - Birtulu

DESCRIPTION: Construction of new roads in Birtulu excluding trunk roads.
Cost figures based on the town plan.
The project is only specified for the Action Programme period.

CONTENTS

TOTAL INVESTMENT COSTS: \$600 000 INVESTMENT PERIOD: 1976 to 1980

INVESTMENT YEAR BY YEAR: 1976 +

1: \$180 000	2: \$180 000	3: \$180 000	4: \$180 000	5: \$180 000
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: 1977 +

1: \$6 000	2: \$12 000	3: \$18 000	4: \$24 000	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT: Allows heavier traffic

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
2: STATE GOVERNMENT
3: LOCAL GOVERNMENT
4: STATUTORY BODIES
5: PUBLIC FUNDS
6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS
8: PUBLIC FOREIGN LOANS

REFERENCES:

1: PMD preliminary estimates
2: Supporting Report 7
3:
4:
5:

PROJECT NUMBER: 151 SECTOR: TRANSPORT

DEPARTMENT: PLANNING, IMPLEMENTATION, BUDGET: PMD

NAME OF PROJECT: Beluru road - Improvement

DESCRIPTION: Up-grading to trunk road standard
Total length - 12 miles from the Miri-Bintulu road to Beluru

CONTENTS

TOTAL INVESTMENT COSTS: \$2 160 000 INVESTMENT PERIOD: 1976 to 1978

INVESTMENT YEAR BY YEAR: 1976

1: \$1 000 000 2: \$1 000 000 3: \$160 000 4: 5:
6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT: Serves a population threshold of 1 500

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						1
10						1

DERIVED
EFFECTS OF
IMPLEMENTING
THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO:	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUOH BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 6, Part I

PROJECT NUMBER: 152 SECTOR: PUBLIC SERVICES

PLANNING: DEPARTMENT: BUDGET: MANAGER: SUPERVISOR:

NAME OF PROJECT: Village police post

DESCRIPTION: 1 Building
1 Toilet
Communication equipment
Fencing
Area
Land requirements - 0,25 to 0,5 acre

TOTAL INVESTMENT COSTS: \$15 000 INVESTMENT PERIOD: 1 year

- INVESTMENT YEAR BY YEAR:
- 1: \$15 000 2: 3: 4: 5:
- 6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR:

- 1: \$3 700 2: \$3 700 3: \$3 700 4: \$3 700 5: \$3 700
- 6: \$3 700 7: \$3 700 8: \$3 700 9: \$3 700 10: \$3 700
- 11: \$3 700 12: \$3 700 13: \$3 700 14: \$3 700 15: \$3 700
- 16: \$3 700 17: \$3 700 18: \$3 700 19: \$3 700 20: \$3 700

REVENUES YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

- Building 10 700
- Equipment 3 000
- Contingencies 700

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1977 PRICES)

LINKS

FINANCING

REFERENCES

MAIN EFFECTS ON THE ENVIRONMENT: Severe a population threshold of 10 000

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 5, Part I

2:

3:

4:

5:

PROJECT NUMBER: 153

SECTOR: PUBLIC SERVICES

DEPARTMENT: BNP
IMPLEMENTATION: PWD
BUDGET: BNP

NAME OF PROJECT: Minor police station

DESCRIPTION: 1 Administration building
1 Office building
1 Generator house
1 Toilet
1 Garage
1 Flag pole
Fencing
2 Class III/IV quarters
1 barrack block
Land requirements - 2-3 acres

Electricity and water
Overhead ground conductor
1 Street lighting
Communication equipment
1 Land rover, 1 Motor cycle
Furniture
Arms

TOTAL INVESTMENT COSTS: \$114 000 INVESTMENT PERIOD: 1 year

INVESTMENT YEAR BY YEAR:

1:	\$114 000	2:	3:	4:	5:
6:	7:	8:	9:	10:	11:

OPERATING COSTS YEAR BY YEAR:

1:	\$61 000	2:	\$61 000	3:	\$61 000	4:	\$61 000	5:	\$61 000
6:	\$61 000	7:	\$61 000	8:	\$61 000	9:	\$61 000	10:	\$61 000
11:	\$61 000	12:	\$61 000	13:	\$61 000	14:	\$61 000	15:	\$61 000
16:	\$61 000	17:	\$61 000	18:	\$61 000	19:	\$61 000	20:	\$61 000

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Buildings	133 500
Quarters	103 000
Equipment	62 500
Contingencies	15 000

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

FINANCING

REFERENCES

IDENTIFICATION	PROJECT NUMBER: 154	SECTOR: PUBLIC SERVICES			
	DEPARTMENT	EDUCATION			
	PLANNING: IMPLEMENTATION: BUDGET:	PROG EDUCATION			
NAME OF PROJECT:	Lower secondary school (two streams) - permanent				
CONTENTS	<p>DESCRIPTION: A two stream school with teachers' quarters and boarding facilities, 200 students from 1 to 2 concrete buildings which normally are provided in urban areas.</p> <p>6 Classrooms, 1 Office, 1 Staff-room 1 Assembly hall 1 Home science room, 1 Canteen Science and office equipment Sports shelter, Internal roads Staff quarters, fencing Land requirement - 6.3 acres</p> <p>4 Houses for domestic staff</p>				
COSTS AND REVENUES (1977 PRICES)	TOTAL INVESTMENT COSTS: \$1 065 000 excluding cost of land				
	INVESTMENT PERIOD: 2 years				
	INVESTMENT YEAR BY YEAR:				
	1: \$505 000	2: \$500 000	3: 4: 5:		
	6: 7: 8: 9: 10:				
	OPERATING COSTS YEAR BY YEAR:				
	1: \$95 000	2: \$95 000	3: \$95 000	4: \$95 000	5: \$95 000
	6: \$95 000	7: \$95 000	8: \$95 000	9: \$95 000	10: \$95 000
	11: \$95 000	12: \$95 000	13: \$95 000	14: \$95 000	15: \$95 000
	16: \$95 000	17: \$95 000	18: \$95 000	19: \$95 000	20: \$95 000
REVENUES YEAR BY YEAR:					
1: 2: 3: 4: 5:					
6: 7: 8: 9: 10:					
11: 12: 13: 14: 15:					
16: 17: 18: 19: 20:					
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS					
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:					
Classrooms	15 000	1 Office, 1 Staff-room, 1 Library	90 000		
Woodwork shop, science laboratory	40 000	Canteen, Storage place, Toilet	65 000		
Science and office equipment, books	15 000	Electricity, water and water	30 000		
Bicycle shelter, roads	25 000	Sport grounds	15 000		
Drainage, levelling, piling	12 000	Contingencies	50 000		
Teaching quarters	20 000	Boarding house	270 000		
Headmaster's house	5 000	Domestic staff quarters	12 000		

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of 7 500 to 8 500 and produces 80 Form Three students to the next level each year										
	EMPLOYMENT:										
	YEAR	CONSTRUCTION			OPERATION			TOTAL			
		PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
	1										
	2										
	3										
	4										
	5										
	6				9	2	5	16			
7											
8											
9											
10											
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)											
YEARLY PRODUCTION: Produces 60 students to the next level per year											
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:											
1:	2:	3:	4:	5:	6:	7:	8:	9:	10:		
11:	12:	13:	14:	15:	16:	17:	18:	19:	20:		
LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES											
NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	
NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	
NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	
NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	
POSSIBILITIES OF FINANCING:											
1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT								
3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES								
5:	PUBLIC FUNDS	6:	PRIVATE DOMESTIC SAVINGS								
7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS								
REFERENCES:											
1:	Supporting Report 6, Part I										
2:											
3:											
4:											
5:											

IDENTIFICATION	PROJECT NUMBER: 155	SECTOR: PUBLIC SERVICES
	DEPARTMENT: PLANNING: IMPLEMENTATION: BUDGET: } EDUCATION	
	NAME OF PROJECT: Bistula University Complex	
CONTENTS	DESCRIPTION: The establishment of the first stage of a University in Bistula Provisional estimate of costs, employment and investment period.	
	TOTAL INVESTMENT COSTS: \$5 000 000 INVESTMENT PERIOD: 1976 to 1980	
	INVESTMENT YEAR BY YEAR: 1: \$1 000 000 2: \$1 000 000 3: \$1 000 000 4: \$1 000 000 5: \$1 000 000 6: 7: 8: 9: 10:	
COSTS AND REVENUES (1977 PRICES)	OPERATING COSTS YEAR BY YEAR: 1977	
	1: 2: \$100 000 3: \$200 000 4: \$200 000 5: \$400 000 6: \$500 000 7: \$500 000 8: etc 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:		

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:											
	EMPLOYMENT: 1977*											
	YEAR	PROFESSIO- NALS	CONSTRUCTION	OPERATION	PROFESSIO- NALS	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	
1												
2												
3										26		
4										52		
5										76		
6										101		
7												
8												
9												
10												
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)												
YEARLY PRODUCTION:												
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:												
1:	2:	3:	4:	5:								
6:	7:	8:	9:	10:								
11:	12:	13:	14:	15:								
16:	17:	18:	19:	20:								
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES											
	NO: 26	NAME: Bistula University Rural Development										
	NO:	NO:	NO:	NO:	NO:	NO:	NO:	NO:	NO:	NO:	NO:	
FINANCING	POSSIBILITIES OF FINANCING:											
	1:	FEDERAL GOVERNMENT	<input checked="" type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>	3:	LOCAL GOVERNMENT	<input checked="" type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>
	5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>	7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>
REFERENCES	REFERENCES:											
	1:											
	2:											

IDENTIFICATION	PROJECT NUMBER: 156	SECTOR: PUBLIC SERVICES
	FINANCING: } IMPLEMETATION: } BUDGET: } PND	
CONTEXTS	NAME OF PROJECT: Miscellaneous public buildings - Miri	
	DESCRIPTION:	
COSTS AND REVENUES (1972 PRICES)	TOTAL INVESTMENT COSTS: \$200 000	
	INVESTMENT YEAR BY YEAR:	
	1: \$100 000	2: \$100 000
	6: 7: 8: 9: 10:	4: 5: 10:
	OPERATING COSTS YEAR BY YEAR: 1978	
	1: \$20 000	2: \$20 000
	6: 7: 8: 9: 10:	4: etc
	11: 12: 13: 14: 15:	11: 12: 13: 14: 15:
	16: 17: 18: 19: 20:	16: 17: 18: 19: 20:
	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5:	1: 2: 3: 4: 5:
	6: 7: 8: 9: 10:	6: 7: 8: 9: 10:
	11: 12: 13: 14: 15:	11: 12: 13: 14: 15:
	16: 17: 18: 19: 20:	16: 17: 18: 19: 20:
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:	
	EMPLOYMENT:	
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)	
	YEARLY PRODUCTION:	
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:	
	1: 2: 3: 4: 5:	6: 7: 8: 9: 10:
	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES	
	POSSIBILITIES OF FINANCING:	
REFERENCES	REFERENCES:	

IDENTIFICATION	PROJECT NUMBER: 157	SECTOR: PUBLIC SERVICES
	DEPARTMENT: PLANNING: ADMINISTRATION: } PWD BUDGET: }	
CONTENTS	NAME OF PROJECT: Miscellaneous public buildings - Bintaba	
	DESCRIPTION:	
COSTS AND REVENUES (1977 PRICES)	TOTAL INVESTMENT COSTS: \$100 000	INVESTMENT PERIOD: 1976
	INVESTMENT YEAR BY YEAR:	
	1: \$100 000	2: 3: 4: 5:
	6:	7: 8: 9: 10:
	OPERATING COSTS YEAR BY YEAR: 1977	
	1: \$10 000	2: etc
	6:	7: 8: 9: 10:
	11:	12: 13: 14: 15:
	16:	17: 18: 19: 20:
	REVENUES YEAR BY YEAR:	
11:	12: 13: 14: 15:	
16:	17: 18: 19: 20:	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:		

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:									
	EMPLOYMENT:					OPERATION:				
	YEAR	PROFESSIO- NALS	UNSKILLED	TOTAL	PROFESSIO- NALS	UNSKILLED	TOTAL	CLERICAL AND SKILLED	UNSKILLED	TOTAL
	1									
	2									3
	3									3
	4									3
	5									3
	6									3
	7									
	8									
	9									
	10									
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)										
YEARLY PRODUCTION:										
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:										
1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	15:
11:	12:	13:	14:	15:	16:	17:	18:	19:	20:	
LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES										
NO: 2	NAME: Bintulu Town Development									
NO:	NAME:									
NO:	NAME:									
NO:	NAME:									
NO:	NAME:									
NO:	NAME:									
POSSIBILITIES OF FINANCING:										
1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
5:	PUBLIC FUNDS	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
REFERENCES:										
1:	Mid-Term Review									
2:										
3:										
4:										
5:										

PROJECT NUMBER: 155 SECTOR: PUBLIC UTILITIES
 PLANNING IMPLEMENTATION: } PND
 DEPARTMENT BUDGET: }

NAME OF PROJECT: Sewerage - Lambir-Subia North

DESCRIPTION: Latrines for the general population and septic tanks for the shops and schools. The project is only specified for the Action Programme period. Latrines and septic tanks

TOTAL INVESTMENT COSTS: \$66 000 INVESTMENT PERIOD: 1976 to 1977

INVESTMENT YEAR BY YEAR: 1976
 1: \$21 000 2: \$65 000 3: 4: 5:
 6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: 1976
 1: \$1 000 2: \$2 000 3: \$4 000 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:
 1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:
 Latrines at \$18 per head
 Septic tanks at \$210 per head

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

MAIN EFFECTS ON THE ENVIRONMENT: Serves the villages in the Lambir-Subia North

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C) - OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

LINKS

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1 NAME: SCDE and SOP Village Development Schemes, Lambir-Subia
 NO: 2 NAME: North Rural Development
 NO: 3 NAME:
 NO: 4 NAME:
 NO: 5 NAME:
 NO: 6 NAME:
 NO: 7 NAME:

FINANCING

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
 2: LOCAL GOVERNMENT
 3: PUBLIC FUNDS
 4: STATUTORY BODIES
 5: PRIVATE FOREIGN LOANS
 6: PRIVATE DOMESTIC SAVINGS
 7: PUBLIC FOREIGN LOANS

REFERENCES

REFERENCES:

1: Supporting Report 5
 2: Supporting Report 6, Part III
 3:
 4:
 5:

IDENTIFICATION	PROJECT NUMBER: 159	SECTOR: PUBLIC UTILITIES
	DEPARTMENT: PLANNING, IMPLEMENTATION, BUDGET: FMO	
CONTENTS	NAME OF PROJECT: Water supply - Igang	
	DESCRIPTION: Maximum output - 0.8 million gallons per day The project is only specified for the Action Programme period. Headworks Pipelines Distribution network Service storage - 250 000 gallons	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$2 146 000 INVESTMENT PERIOD: 1976 to 1980	
	INVESTMENT YEAR BY YEAR: 1976 1: \$779 000 2: \$1 112 000 3: \$45 000 4: \$65 000 5: \$65 000 6: 7: 8: 9: 10:	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: 1977 1: \$20 000 2: \$99 000 3: \$133 000 4: \$173 000 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Headworks 640 000 Service storage 150 000 Distribution system per head 122	

DEPICTED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:							
	EMPLOYMENT:							
DEPICTED EFFECTS OF IMPLEMENTING THE PROJECT	CONSTRUCTION		OPERATION					
	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
	1							
	2							
	3							3
	4							14
	5							14
	6							14
	7							14
	8							
	9							
10								
LINKS	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)							
	YEARLY PRODUCTION:							
LINKS	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:							
	1: 2: 3: 4: 5:	6: 7: 8: 9: 10:	11: 12: 13: 14: 15:	16: 17: 18: 19: 20:				
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES							
	NO: 5	NAME: Igang Estate Rural Development	NO: 201	NAME: Mah Suai Water Supply Scheme - Project				
FINANCING	POSSIBILITIES OF FINANCING:							
	1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT	3: LOCAL GOVERNMENT	4: STATUTORY BODIES				
REFERENCES	5: PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS	7: PRIVATE FOREIGN LOANS	8: PUBLIC FOREIGN LOANS				
	REFERENCES: 1: Supporting Report 5 2: Supporting Report 6, Part III 3: 4: 5:							

<p>MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of 900 by 1980</p> <p>EMPLOYMENT:</p>		<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="2">CONSTRUCTION</th> <th colspan="2">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td>2</td></tr> <tr><td>6</td><td></td><td></td><td></td><td>2</td></tr> <tr><td>7</td><td></td><td></td><td></td><td>2</td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td></tr> </tbody> </table>				YEAR	CONSTRUCTION		OPERATION		PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	1					2					3					4					5				2	6				2	7				2	8					9					10				
YEAR	CONSTRUCTION		OPERATION																																																													
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL																																																												
1																																																																
2																																																																
3																																																																
4																																																																
5				2																																																												
6				2																																																												
7				2																																																												
8																																																																
9																																																																
10																																																																
<p>DERIVED EFFECTS OF PROJECTS AFFECTING THIS PROJECT</p>		<p>INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)</p>																																																														
<p>YEARLY PRODUCTION:</p>		<p>NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:</p> <p>1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:</p>																																																														
<p>LINKS</p>		<p>LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES</p> <p>NO: 9 NAME: Sebauh Town Development NO: 55 NAME: Lower Secondary School - Sebauh - Project NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:</p>																																																														
<p>FINANCING</p>		<p>POSSIBILITIES OF FINANCING:</p> <p>1: FEDERAL GOVERNMENT 2: LOCAL GOVERNMENT 3: STATUTORY BODIES 4: PUBLIC FUNDS 5: PRIVATE FOREIGN LOANS 6: PRIVATE DOMESTIC SAVINGS 7: PUBLIC FOREIGN LOANS 8: PUBLIC FOREIGN LOANS</p>																																																														
<p>REFERENCES</p>		<p>REFERENCES:</p> <p>1: Supporting Report 5 2: Supporting Report 6, Part I 3: 4: 5:</p>																																																														

<p>PROJECT NUMBER: 160</p> <p>DEPARTMENT: PLANNING; IMPLEMENTATION: FWD</p> <p>NAME OF PROJECT: Water supply - Sebauh</p> <p>SECTOR: PUBLIC UTILITIES</p>	<p>DESCRIPTION: Source - Sungai Sebuhgat Maximum output - 0.1 million gallons per day Headworks Pipes Service storage 2 Class IV quarters Cost of access road not included The project is only specified for the Action Programme period.</p>
<p>TOTAL INVESTMENT COSTS: \$469 000</p> <p>INVESTMENT PERIOD: 1976 to 1980</p> <p>INVESTMENT YEAR BY YEAR:</p> <p>1: \$460 000 2: 3: 4: \$7 000 5: \$2 000 6: 7: 8: 9: 10:</p>	<p>OPERATING COSTS YEAR BY YEAR: 1977</p> <p>1: \$18 000 2: \$18 000 3: \$17 000 4: \$17 000 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:</p>
<p>COSTS AND REVENUES (1973 PRICES)</p>	<p>REVENUES YEAR BY YEAR:</p> <p>1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:</p>
<p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p>	
<p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:</p>	

IDENTIFICATION	PROJECT NUMBER: 161	SECTOR: PUBLIC UTILITIES
	DEPARTMENT IMPLEMENTATION: } FMD	
CONTENTS	NAME OF PROJECT: Water supply - Beluru and Mirra-a	
	DESCRIPTION: Source from either Sungai Babang or Sungai Napok Bouhorks to be constructed in 1976 to also serve Mirra-a village Production - 0.1 million gallons per day 100 000 gallons of water Service storage - 100 000 gallons	
COSTS AND REVENUES (1977 PRICES)	TOTAL INVESTMENT COSTS: \$512 000 INVESTMENT PERIOD: 1976 to 1980	
	INVESTMENT YEAR BY YEAR: 1976 1: \$321 000 2: \$57 000 3: \$57 000 4: \$41 000 5: \$33 000 6: 7: 8: 9: 10:	
COSTS AND REVENUES (1977 PRICES)	OPERATING COSTS YEAR BY YEAR: 1976 1: \$31 000 2: \$29 000 3: \$36 000 4: \$39 000 5: \$43 000 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1977 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Headworks (100 000 gallons per day) - \$60 000 41 500 feet of 10" pipe at \$7.20 per foot 6 000 feet of four inch pipe at \$4.00 per foot	

MAIN EFFECTS ON THE ENVIRONMENT: Serree Beluru and Mirra-a
Total population - 2 300 in 1960

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						2
5						2
6						2
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION: From 11.7 million gallons per year in 1976 to 26.6 million gallons per year in 1980

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:
1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES
NO: 6 NAME: Beluru Town Development
NO: 3 NAME: Mirra-a Village Development
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:

POSSIBILITIES OF FINANCING:
1: FEDERAL GOVERNMENT
2: STATE GOVERNMENT
3: LOCAL GOVERNMENT
4: STATUTORY BODIES
5: PUBLIC FUNDS
6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS
8: PUBLIC FOREIGN LOANS

REFERENCES:
1: Supporting Report 5
2: Supporting Report 6, Part III
3:
4:
5:

IDENTIFICATION	PROJECT NUMBER: 102	SECTOR: PUBLIC UTILITIES
	DEPARTMENT	PLANNING: IMPLEMENTATION: } SESCO
	NAME OF PROJECT: Electricity - Iqang	
CONTENTS	DESCRIPTION: New plant of 100 MW This project is only specified for the Action Programme period.	
	TOTAL INVESTMENT COSTS: \$1 740 000 INVESTMENT PERIOD: 1976 to 1980	
	INVESTMENT YEAR BY YEAR: 1: \$150 000 2: \$150 000 3: \$380 000 4: \$530 000 5: \$650 000 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1977 PRICES)	OPERATING COSTS YEAR BY YEAR: 1977 1: \$18 000 2: \$30 000 3: \$46 000 4: \$100 000 5: \$100 000 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:		

MAIN EFFECTS ON THE ENVIRONMENT:	EMPLOYMENT:									
	CONSTRUCTION					OPERATION				
	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)									
	YEARLY PRODUCTION:									
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:									
LINES	LINES TO OTHER PROJECTS AND DEVELOPMENT PACKAGES									
	NO: 5	NAME: Iqang Estate Rural Development								
	NO: 6:	NAME:								
FINANCING	POSSIBILITIES OF FINANCING:									
	1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT								
	3: LOCAL GOVERNMENT	4: STATUTORY BODIES								
REFERENCES	5: PUBLIC FUNDS									
	7: PRIVATE FOREIGN LOANS									
	8: PUBLIC FOREIGN SAVINGS									
REFERENCES: 1: Supporting Report 5 2: Supporting Report 6, Part III 3: 4: US BUREAU OF AGRICULTURE 5:										

PROJECT NUMBER: 163 SECTOR: PUBLIC UTILITIES

DEPARTMENT: PLANNING: IMPLEMENTATION: } SESCO
 BUDGET: }

NAME OF PROJECT: Electricity - Kiah

DESCRIPTION: Plant of 120 MW
 The project is only specified for the Action Programme period.

TOTAL INVESTMENT COSTS: \$235 000 INVESTMENT PERIOD: 1976 to 1979

INVESTMENT YEAR BY YEAR:

1: \$120 000 2: 3: 4: \$115 000 5:
 6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: 1977

1: \$16 000 2: \$20 000 3: \$23 000 4: \$28 000 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15: 16:
 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Plant 125 000
 Distribution, etc. 110 000

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1								
2								
3								2
4								2
5								2
6								2
7								
8								
9								
10								

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
1:	Miah Toon Development
2:	
3:	
4:	
5:	
6:	
7:	
8:	

LINKS

FINANCING

POSSIBILITIES OF FINANCING:

NO:	NAME:
1:	FEDERAL GOVERNMENT
2:	STATE GOVERNMENT
3:	LOCAL GOVERNMENT
4:	STATUTORY BODIES
5:	PUBLIC FUNDS
6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS
8:	PUBLIC FOREIGN LOANS

REFERENCES

- REFERENCES:
- 1: Supporting Report 5
 - 2: Supporting Report 6, Part III
 - 3:
 - 4:
 - 5:

IDENTIFICATION	PROJECT NUMBER: 164	SECTOR: INDUSTRIES
	DEPARTMENT: PLANNING/IMPLEMENTATION: SERC/PRIVATE	
	NAME OF PROJECT: Glass - container factory	
CONTENTS	DESCRIPTION: For the manufacture of glass (bottles, etc) containers	
	<p>TOTAL INVESTMENT COSTS: \$4,750,000 INVESTMENT PERIOD:</p> <p>INVESTMENT YEAR BY YEAR: \$'000</p> <p>1: \$4,750 2: 3: 4: 5: 6: 7: 8: 9: 10:</p> <p>OPERATING COSTS YEAR BY YEAR: \$'000</p> <p>1: \$1,255 2: \$1,292 3: \$1,332 4: \$1,419 5: \$1,465 6: \$1,514 7: \$1,564 8: \$1,619 9: \$1,676 10: \$1,676 11: \$1,676 12: \$1,676 13: \$1,676 14: \$1,676 15: \$1,676 16: \$1,676 17: \$1,676 18: \$1,676 19: \$1,676 20: \$1,676</p> <p>REVENUES YEAR BY YEAR: \$'000</p> <p>1: \$2,502 2: \$2,660 3: \$2,830 4: \$3,015 5: \$3,210 6: \$3,420 7: \$3,640 8: \$3,865 9: \$4,145 10: \$4,425 11: \$4,625 12: \$4,625 13: \$4,625 14: \$4,625 15: \$4,625 16: \$4,625 17: \$4,625 18: \$4,625 19: \$4,625 20: \$4,625</p> <p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p> <p>IER - 25.2 per cent Capacity utilization in year 1 to 8 will grow from 60 to 100 per cent</p> <p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:</p>	

DERIVED FROM IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:					
	EMPLOYMENT:					
YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
	1		30			70
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	10					
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)						
YEARLY PRODUCTION:						
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: \$'000						
1: \$4,500	2: \$127	3: \$136	4: \$145	5: \$155		
6: \$165	7: \$176	8: \$186	9: \$201	10: \$214		
11: \$211	12: \$214	13:	14:	15:		
16:	17:	18:	19:	20:		
LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES						
NO: 2	NAME: Sinfuaba Town Development					
NO: 165	NAME: Beer Bottling Plant Project					
NO:	NAME:					
NO:	NAME:					
NO:	NAME:					
NO:	NAME:					
POSSIBILITIES OF FINANCING:						
1: FEDERAL GOVERNMENT			2: STATE GOVERNMENT			
3: LOCAL GOVERNMENT			4: STATUTORY BODIES			
5: PUBLIC FUNDS			6: PRIVATE DOMESTIC SAVINGS			
7: PRIVATE FOREIGN LOANS			8: PUBLIC FOREIGN LOANS			
REFERENCES:						
1: Supporting Report 8						
2:						
3:						
4:						
5:						

IDENTIFICATION	PROJECT NUMBER: 165	SECTOR: INDUSTRIES
	PLANNING: IMPLEMENTATION: } DEPARTMENT: BUDGET: }	STATE/PRIVATE
CONTENTS	NAME OF PROJECT: Bottling plant - Biatulu	
	DESCRIPTION: A bottling plant for beer in Biatulu	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$1 200 000	
	INVESTMENT YEAR BY YEAR: \$'000	
	1: \$1 200	2: 0
	3: 0	4: 0
	5: 0	6: 0
	7: 0	8: 0
	9: 0	10: 0
	11: 0	12: 0
	13: 0	14: 0
	15: 0	16: 0
	17: 0	18: 0
	19: 0	20: 0
	21: 0	22: 0
	23: 0	24: 0
	25: 0	26: 0
	27: 0	28: 0
	29: 0	30: 0
	31: 0	32: 0
	33: 0	34: 0
	35: 0	36: 0
	37: 0	38: 0
	39: 0	40: 0
	41: 0	42: 0
	43: 0	44: 0
	45: 0	46: 0
	47: 0	48: 0
	49: 0	50: 0
	51: 0	52: 0
	53: 0	54: 0
	55: 0	56: 0
	57: 0	58: 0
	59: 0	60: 0
	61: 0	62: 0
	63: 0	64: 0
	65: 0	66: 0
	67: 0	68: 0
	69: 0	70: 0
	71: 0	72: 0
	73: 0	74: 0
	75: 0	76: 0
	77: 0	78: 0
	79: 0	80: 0
	81: 0	82: 0
	83: 0	84: 0
	85: 0	86: 0
	87: 0	88: 0
	89: 0	90: 0
	91: 0	92: 0
	93: 0	94: 0
	95: 0	96: 0
	97: 0	98: 0
	99: 0	100: 0
	101: 0	102: 0
	103: 0	104: 0
	105: 0	106: 0
	107: 0	108: 0
	109: 0	110: 0
	111: 0	112: 0
	113: 0	114: 0
	115: 0	116: 0
	117: 0	118: 0
	119: 0	120: 0
	121: 0	122: 0
	123: 0	124: 0
	125: 0	126: 0
	127: 0	128: 0
	129: 0	130: 0
	131: 0	132: 0
	133: 0	134: 0
	135: 0	136: 0
	137: 0	138: 0
	139: 0	140: 0
	141: 0	142: 0
	143: 0	144: 0
	145: 0	146: 0
	147: 0	148: 0
	149: 0	150: 0
	151: 0	152: 0
	153: 0	154: 0
	155: 0	156: 0
	157: 0	158: 0
	159: 0	160: 0
	161: 0	162: 0
	163: 0	164: 0
	165: 0	166: 0
	167: 0	168: 0
	169: 0	170: 0
	171: 0	172: 0
	173: 0	174: 0
	175: 0	176: 0
	177: 0	178: 0
	179: 0	180: 0
	181: 0	182: 0
	183: 0	184: 0
	185: 0	186: 0
	187: 0	188: 0
	189: 0	190: 0
	191: 0	192: 0
	193: 0	194: 0
	195: 0	196: 0
	197: 0	198: 0
	199: 0	200: 0
	201: 0	202: 0
	203: 0	204: 0
	205: 0	206: 0
	207: 0	208: 0
	209: 0	210: 0
	211: 0	212: 0
	213: 0	214: 0
	215: 0	216: 0
	217: 0	218: 0
	219: 0	220: 0
	221: 0	222: 0
	223: 0	224: 0
	225: 0	226: 0
	227: 0	228: 0
	229: 0	230: 0
	231: 0	232: 0
	233: 0	234: 0
	235: 0	236: 0
	237: 0	238: 0
	239: 0	240: 0
	241: 0	242: 0
	243: 0	244: 0
	245: 0	246: 0
	247: 0	248: 0
	249: 0	250: 0
	251: 0	252: 0
	253: 0	254: 0
	255: 0	256: 0
	257: 0	258: 0
	259: 0	260: 0
	261: 0	262: 0
	263: 0	264: 0
	265: 0	266: 0
	267: 0	268: 0
	269: 0	270: 0
	271: 0	272: 0
	273: 0	274: 0
	275: 0	276: 0
	277: 0	278: 0
	279: 0	280: 0
	281: 0	282: 0
	283: 0	284: 0
	285: 0	286: 0
	287: 0	288: 0
	289: 0	290: 0
	291: 0	292: 0
	293: 0	294: 0
	295: 0	296: 0
	297: 0	298: 0
	299: 0	300: 0
	301: 0	302: 0
	303: 0	304: 0
	305: 0	306: 0
	307: 0	308: 0
	309: 0	310: 0
	311: 0	312: 0
	313: 0	314: 0
	315: 0	316: 0
	317: 0	318: 0
	319: 0	320: 0
	321: 0	322: 0
	323: 0	324: 0
	325: 0	326: 0
	327: 0	328: 0
	329: 0	330: 0
	331: 0	332: 0
	333: 0	334: 0
	335: 0	336: 0
	337: 0	338: 0
	339: 0	340: 0
	341: 0	342: 0
	343: 0	344: 0
	345: 0	346: 0
	347: 0	348: 0
	349: 0	350: 0
	351: 0	352: 0
	353: 0	354: 0
	355: 0	356: 0
	357: 0	358: 0
	359: 0	360: 0
	361: 0	362: 0
	363: 0	364: 0
	365: 0	366: 0
	367: 0	368: 0
	369: 0	370: 0
	371: 0	372: 0
	373: 0	374: 0
	375: 0	376: 0
	377: 0	378: 0
	379: 0	380: 0
	381: 0	382: 0
	383: 0	384: 0
	385: 0	386: 0
	387: 0	388: 0
	389: 0	390: 0
	391: 0	392: 0
	393: 0	394: 0
	395: 0	396: 0
	397: 0	398: 0
	399: 0	400: 0
	401: 0	402: 0
	403: 0	404: 0
	405: 0	406: 0
	407: 0	408: 0
	409: 0	410: 0
	411: 0	412: 0
	413: 0	414: 0
	415: 0	416: 0
	417: 0	418: 0
	419: 0	420: 0
	421: 0	422: 0
	423: 0	424: 0
	425: 0	426: 0
	427: 0	428: 0
	429: 0	430: 0
	431: 0	432: 0
	433: 0	434: 0
	435: 0	436: 0
	437: 0	438: 0
	439: 0	440: 0
	441: 0	442: 0
	443: 0	444: 0
	445: 0	446: 0
	447: 0	448: 0
	449: 0	450: 0
	451: 0	452: 0
	453: 0	454: 0
	455: 0	456: 0
	457: 0	458: 0
	459: 0	460: 0
	461: 0	462: 0
	463: 0	464: 0
	465: 0	466: 0
	467: 0	468: 0
	469: 0	470: 0
	471: 0	472: 0
	473: 0	474: 0
	475: 0	476: 0
	477: 0	478: 0
	479: 0	480: 0
	481: 0	482: 0
	483: 0	484: 0
	485: 0	486: 0
	487: 0	488: 0
	489: 0	490: 0
	491: 0	492: 0
	493: 0	494: 0
	495: 0	496: 0
	497: 0	498: 0
	499: 0	500: 0
	501: 0	502: 0
	503: 0	504: 0
	505: 0	506: 0
	507: 0	508: 0
	509: 0	510: 0
	511: 0	512: 0
	513: 0	514: 0
	515: 0	516: 0
	517: 0	518: 0
	519: 0	520: 0
	521: 0	522: 0
	523: 0	524: 0
	525: 0	526: 0
	527: 0	528: 0
	529: 0	530: 0
	531: 0	532: 0
	533: 0	534: 0
	535: 0	536: 0
	537: 0	538: 0
	539: 0	540: 0
	541: 0	542: 0
	543: 0	544: 0
	545: 0	546: 0
	547: 0	548: 0
	549: 0	550: 0
	551: 0	552: 0
	553: 0	554: 0
	555: 0	556: 0
	557: 0	558: 0
	559: 0	560: 0
	561: 0	562: 0
	563: 0	564: 0
	565: 0	566: 0
	567: 0	568: 0
	569: 0	570: 0
	571: 0	572: 0
	573: 0	574: 0
	575: 0	576: 0
	577: 0	578: 0
	579: 0	580: 0
	581: 0	582: 0
	583: 0	584: 0
	585: 0	586: 0
	587: 0	588: 0
	589: 0	590: 0
	591: 0	592: 0
	593: 0	594: 0
	595: 0	596: 0
	597: 0	598: 0
	599: 0	600: 0
	601: 0	602: 0
	603: 0	604: 0
	605: 0	606: 0
	607: 0	608: 0
	609: 0	610: 0
	611: 0	612: 0
	613: 0	614: 0
	615: 0	616: 0
	617: 0	618: 0
	619: 0	620: 0
	621: 0	622: 0
	623: 0	624: 0
	625: 0	626: 0
	627: 0	628: 0
	629: 0	630: 0
	631: 0	632: 0
	633: 0	634: 0
	635: 0	636: 0
	637: 0	638: 0
	639: 0	640: 0
	641: 0	642: 0
	643: 0	644: 0
	645: 0	646: 0
	647: 0	648: 0
	649: 0	650: 0
	651: 0	652: 0
	653: 0	654: 0
	655: 0	656: 0
	657: 0	658: 0
	659: 0	660: 0
	661: 0	662: 0
	663: 0	664: 0
	665: 0	666: 0
	667: 0	668: 0
	669: 0	670: 0
	671: 0	672: 0
	673: 0	674: 0
	675: 0	676: 0
	677: 0	678: 0
	679: 0	

IDENTIFICATION	PROJECT NUMBER: 166	SECTOR: INDUSTRIES
	DEPARTMENT	PLANNING: IMPLEMENTATION: } PRIVATE
	NAME OF PROJECT: Iron foundry	
CONTENTS	DESCRIPTION: Expected production - 150 tons per month	
	TOTAL INVESTMENT COSTS: \$1 600 000	INVESTMENT PERIOD: 1976
	INVESTMENT YEAR BY YEAR:	1: 2: 3: 4: 5: 6: 7: 8: 9: 10:
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR:	
	REVENUES YEAR BY YEAR:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:		

EMPLOYMENT:	MAIN EFFECTS ON THE ENVIRONMENT:									
	CONSTRUCTION				OPERATION					
	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	
1										
2										
3										
4										
5										
6										
7										
8										
9										
10									75	
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)										
DEBRIEVE EFFECTS OF IMPLEMENTING THE PROJECT	YEARLY PRODUCTION:									
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:									
	1:	2:	3:	4:	5:	6:	7:	8:	9:	10:
11:	12:	13:	14:	15:	16:	17:	18:	19:	20:	
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES									
	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	
	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	
FINANCING	POSSIBILITIES OF FINANCING:									
	1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT	3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES	5:	PUBLIC FUNDS
	6:	PRIVATE FOREIGN LOANS	7:	PRIVATE DOMESTIC SAVINGS	8:	PUBLIC FOREIGN LOANS	9:		10:	
REFERENCES	REFERENCES:									
	1:	Supporting Report 8	2:		3:		4:		5:	
	6:		7:		8:		9:		10:	

IDENTIFICATION	PROJECT NUMBER: 167	SECTOR: INDUSTRIES																																																	
	DEPARTMENT: PLANNING: IMPLEMENTATION: BUDGET: PRIVATE	NAME OF PROJECT: Furniture manufacturing																																																	
CONTENTS	DESCRIPTION: In the manufacturing of finished products, eg. break-down furniture - aiming at local markets for finished products and export of furniture parts																																																		
	<p>TOTAL INVESTMENT COSTS: \$245 000</p> <p>INVESTMENT YEAR BY YEAR: \$'000</p> <table border="0"> <tr> <td>1: \$150</td> <td>2: \$65</td> <td>3:</td> <td>4:</td> <td>5:</td> </tr> <tr> <td>6:</td> <td>7:</td> <td>8:</td> <td>9:</td> <td>10:</td> </tr> </table> <p>OPERATING COSTS YEAR BY YEAR: \$'000</p> <table border="0"> <tr> <td>1:</td> <td>2: \$390</td> <td>3: \$390</td> <td>4: \$390</td> <td>5: \$390</td> </tr> <tr> <td>6: \$390</td> <td>7: \$390</td> <td>8: \$390</td> <td>9: \$390</td> <td>10: \$390</td> </tr> <tr> <td>11: \$390</td> <td>12: \$390</td> <td>13: \$390</td> <td>14: \$390</td> <td>15: \$390</td> </tr> <tr> <td>16: \$390</td> <td>17: \$390</td> <td>18: \$390</td> <td>19: \$390</td> <td>20: \$390</td> </tr> </table> <p>REVENUES YEAR BY YEAR: \$'000</p> <table border="0"> <tr> <td>1:</td> <td>2: \$600</td> <td>3: \$600</td> <td>4: \$600</td> <td>5: \$600</td> </tr> <tr> <td>6: \$600</td> <td>7: \$600</td> <td>8: \$600</td> <td>9: \$600</td> <td>10: \$600</td> </tr> <tr> <td>11: \$600</td> <td>12: \$600</td> <td>13: \$600</td> <td>14: \$600</td> <td>15: \$600</td> </tr> <tr> <td>16: \$600</td> <td>17: \$600</td> <td>18: \$600</td> <td>19: \$600</td> <td>20: \$600</td> </tr> </table> <p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p> <p>Economies of scale will improve with input capacity, however marketing problems would then be envisaged.</p> <p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:</p>		1: \$150	2: \$65	3:	4:	5:	6:	7:	8:	9:	10:	1:	2: \$390	3: \$390	4: \$390	5: \$390	6: \$390	7: \$390	8: \$390	9: \$390	10: \$390	11: \$390	12: \$390	13: \$390	14: \$390	15: \$390	16: \$390	17: \$390	18: \$390	19: \$390	20: \$390	1:	2: \$600	3: \$600	4: \$600	5: \$600	6: \$600	7: \$600	8: \$600	9: \$600	10: \$600	11: \$600	12: \$600	13: \$600	14: \$600	15: \$600	16: \$600	17: \$600	18: \$600	19: \$600
1: \$150	2: \$65	3:	4:	5:																																															
6:	7:	8:	9:	10:																																															
1:	2: \$390	3: \$390	4: \$390	5: \$390																																															
6: \$390	7: \$390	8: \$390	9: \$390	10: \$390																																															
11: \$390	12: \$390	13: \$390	14: \$390	15: \$390																																															
16: \$390	17: \$390	18: \$390	19: \$390	20: \$390																																															
1:	2: \$600	3: \$600	4: \$600	5: \$600																																															
6: \$600	7: \$600	8: \$600	9: \$600	10: \$600																																															
11: \$600	12: \$600	13: \$600	14: \$600	15: \$600																																															
16: \$600	17: \$600	18: \$600	19: \$600	20: \$600																																															

DERIVED FROM THE IMPROVEMENT OF THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:				
	EMPLOYMENT:				
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O) Building - \$100 Machinery imported	YEARLY PRODUCTION: Say 20 000 chairs, 3 000 arm chairs and 5 000 tables per annum.				
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:				
	1: \$60	2: \$10	3:	4:	5:
	6:	7:	8:	9:	10:
	11:	12:	13:	14:	15:
	16:	17:	18:	19:	20:
	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES				
	NO: 114	NAME: Moulding plant, drying skin projects			
	NO:	NAME:			
	NO:	NAME:			
	NO:	NAME:			
NO:	NAME:				
NO:	NAME:				
FINANCING	POSSIBILITIES OF FINANCING:				
	1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT			
3: LOCAL GOVERNMENT	4: STATUTORY BODIES				
5: PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS				
7: PRIVATE FOREIGN LOANS	8: PUBLIC FOREIGN LOANS				
REFERENCES	REFERENCES:				
	1:	2:			
3:	4:				
5:	6:				

PROJECT NUMBER: 170 SECTOR: AGRICULTURE

PLANNING: COSTS
IMPLEMENTATION: SURV
BUDGET: SLUR

NAME OF PROJECT: Clearing, planting and operating - Lamus (Public)

DESCRIPTION: Clearing, planting and operating of 5 200 acres - small holder scheme
Oil palm - 3 100 acres
Rubber - 1 250 acres
Cocon - 510 acres
Rice - 330 acres

TOTAL INVESTMENT COSTS: \$5 226 000
(1977 to 1980 - \$4 612 000)

INVESTMENT YEAR BY YEAR: \$'000

1:	\$127	2:	\$1 675	3:	\$1 377	4:	\$1 263	5:	\$3 230
6:	\$139	7:	\$117	8:	\$174	9:	\$35	10:	

OPERATING COSTS YEAR BY YEAR: \$'000

1:		2:	\$39	3:	\$39	4:	\$36	5:	\$538
6:	\$1 030	7:	\$977	8:	\$2 229	9:	\$1 180	10:	\$1 216
11:	\$1 254	12:	\$1 270	13:	\$1 275	14:	\$1 303	15:	\$1 306
16:	\$1 314	17:	\$1 314	18:	\$1 349	19:		20:	

REVENUES YEAR BY YEAR: \$'000

1:		2:		3:	\$82	4:	\$191	5:	\$912
6:	\$1 603	7:	\$2 083	8:	\$2 229	9:	\$2 570	10:	\$2 764
11:	\$2 860	12:	\$2 931	13:	\$2 953	14:	\$2 980	15:	\$2 991
16:	\$3 015	17:	\$2 978	18:	\$2 955	19:		20:	

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:
Refer Bukit Perinjau Road Based Improvement Scheme

IDENTIFICATION

CONTENTS

MAIN EFFECTS ON THE ENVIRONMENT: 331 farmers benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED
1977			Field workers 213			Field workers
1978			400			50
1979			466			
1980			392			50
1981			188			284
1982			59			407
1983			43			336
1984			39			327
1985						366

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)
Refer Bukit Perinjau Road Based Improvement Scheme

YEARLY PRODUCTION: Oil palm peak production in year 1987 (27 900 tons of ffb)
Rubber peak production in year 1992 (1 010 tons of drc)
Cocon peak production in year 1983 (341 tons of dbe)
Rice peak production in year 1983 (410 tons of padi)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:		2:		3:	4:	5:
6:		7:	8:	9:	10:	
11:		12:	13:	14:	15:	
16:		17:	18:	19:	20:	

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 6	NAME: Lamus Rural Development
NO: 1	NAME:
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:
NO: 6	NAME:
NO: 7	NAME:
NO: 8	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

1:	Supporting Report 2, Part II
2:	
3:	
4:	
5:	

IDENTIFICATION

PROJECT NUMBER: 172 B SECTOR: AGRICULTURE

PLANNING: S/D/B
IMPLEMENTATION: S/D/B
BUDGET: S/D/B

NAME OF PROJECT: Lambir-Sabis oil palm factory

CONTENTS

DESCRIPTION: Establish 60 tons per hour oil palm mill at Lambir Sabis
To process oil palm fruit from Lambir-Sabis RMA

TOTAL INVESTMENT COSTS: \$7 400 000 INVESTMENT PERIOD: 1975 to 1977

INVESTMENT YEAR BY YEAR: \$'000

1: \$3 800	2:	3: \$3 500	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000 (including payment to growers for fruit)

1: \$10 960	2: \$17 562	3: \$21 915	4: \$23 110	5: \$23 830
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

COSTS AND REVENUES (1977) PRICES

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Project 172 A

MAIN EFFECTS ON THE ENVIRONMENT:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT

2: STATE GOVERNMENT

3: LOCAL GOVERNMENT

4: STATUTORY BODIES

5: PUBLIC FUNDS

6: PRIVATE DOMESTIC SAVINGS

7: PRIVATE FOREIGN LOANS

8: PUBLIC FOREIGN LOANS

REFERENCES:

1:

2:

3:

4:

5:

MAIN EFFECTS ON THE ENVIRONMENT: 423 farmers benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL
1977			Field workers 111			Field workers
1978			282			
1979			423			
1980			423			
1981			322			
1982			211			101
1983			100			212
						323

DERIVED
EFFECTS OF
IMPLEMENTING
THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

Refer Bakti Peninjau Road Based Improvement Scheme

YEARLY PRODUCTION: Oil palm peak production in year 1988 (26 000 tons of ffb)
 Rubber peak production in year 1991 (180 tons of dry)
 Cocoa peak production in year 1985 (180 tons of dry)
 Rice peak production in year 1981 (100 tons of padi)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO: 14	NAME: Major Rural Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>

REFERENCES:

1:	Supporting Report 2, Part II
2:	
3:	
4:	
5:	

PROJECT NUMBER: 173 SECTOR: AGRICULTURE

PLANNING: }
 FINANCING: }
 IMPLEMENTATION: }
 BUDGET: } PRIVATE

NAME OF PROJECT: Clearing, planting and operating - Majau Area

DESCRIPTION: Rehab-Suai and Saboding RDA
 Clearing, planting and operating of 1,230 acres
 (Planting commences in 1978 and finishes in 1980)
 Oil palm - 2,960 acres
 Rubber - 815 acres
 Cocoa - 275 acres
 Rice - 150 acres

TOTAL INVESTMENT COSTS: \$3 815 000
 (1977 to 1980 - \$2 875 000)

INVESTMENT YEAR BY YEAR: \$'000

1:	\$137	2:	\$741	3:	\$967	4:	\$1 030	5:	\$458
6:	\$528	7:	\$96	8:	\$73	9:	\$47	10:	\$0

OPERATING COSTS YEAR BY YEAR: \$'000

1:	\$0	2:	\$6	3:	\$52	4:	\$184	5:	\$184
6:	\$753	7:	\$876	8:	\$918	9:	\$959	10:	\$1 085
11:	\$1 036	12:	\$13	13:	\$14	14:	\$15	15:	\$15
16:	\$17	17:	\$18	18:	\$19	19:	\$20	20:	\$20

REVENUES YEAR BY YEAR: \$'000

1:	\$0	2:	\$12	3:	\$64	4:	\$258	5:	\$258
6:	\$834	7:	\$1 395	8:	\$1 811	9:	\$2 089	10:	\$2 243
11:	\$2 298	12:	\$26	13:	\$26	14:	\$26	15:	\$26
16:	\$26	17:	\$26	18:	\$26	19:	\$26	20:	\$26

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bakti Peninjau Road Based Improvement Scheme

YEAR	CONSTRUCTION			OPERATION				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
	1					3		3
2					6		6	
3					13		13	
4					16		16	
5					18		18	
6					19		19	
7								
8								
9								
10								

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO: 14	NAME: Majan Rural Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 2, Part III

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	LINKS	FINANCING	REFERENCES

IDENTIFICATION	PROJECT NUMBER: 17A	SECTOR: AGRICULTURE
	PLANNING: IMPLEMENTATION: PRIVATE	BUDGET:
CONTENTS	NAME OF PROJECT: Management Private Investor - Majan	
	DESCRIPTION: Management of 4 230 net acres	
COSTS AND REVENUES (1977 PRICES)	INVESTMENT PERIOD: 1977 to 1982	
	TOTAL INVESTMENT COSTS: \$445 000 (1977 to 1980 - \$308 000)	
COSTS AND REVENUES (1977 PRICES)	INVESTMENT YEAR BY YEAR: \$'000	
	1: \$24	2: \$57
COSTS AND REVENUES (1977 PRICES)	OPERATING COSTS YEAR BY YEAR: \$'000	
	1: \$18	2: \$75
COSTS AND REVENUES (1977 PRICES)	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5:	6: 7: 8: 9: 10:
COSTS AND REVENUES (1977 PRICES)	SHORTEST DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

PROJECT NUMBER: 175

SECTOR: AGRICULTURE

IDENTIFICATION

PLANNING: }
IMPLEMENTATION: }
BUDGET: PRIVATE

NAME OF PROJECT: Clearing, planting and operating - Ulu Musiat Area

DESCRIPTION: Lembar-Sabis RMA Private Investor
Clearing, planting and operating of 3 420 acres
(Planting commences in 1978 and finishes in 1980)Oil palm - 2 395 acres
Rubber - 685 acres
Coconuts - 220 acres
Rice - 120 acres

CONTENTS

TOTAL INVESTMENT COSTS: \$3 085 000

(1977 to 1980 - \$2 321 000)

INVESTMENT PERIOD: 1977 to 1986

INVESTMENT YEAR BY YEAR: \$'000

1: \$110 2: \$598 3: \$782 4: \$834 5: \$371
6: \$209 7: \$78 8: \$59 9: \$38 10: \$6

OPERATING COSTS YEAR BY YEAR: \$'000

1: 2: 3: \$5 4: \$125 5: \$391
6: \$633 7: \$708 8: \$743 9: \$775 10: \$859
11: \$938 12: \$838 13: \$838 14: \$838 15: \$838
16: \$838 17: \$838 18: \$838 19: \$838 20: \$838

REVENUES YEAR BY YEAR: \$'000

1: 2: 3: \$10 4: \$51 5: \$289
6: \$673 7: \$1 127 8: \$1 669 9: \$1 689 10: \$1 813
11: \$1 858 12: \$1 858 13: \$1 858 14: \$1 858 15: \$1 858
16: \$1 858 17: \$1 858 18: \$1 858 19: \$1 858 20: \$1 858

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bukit Pinitajan Road Based Improvement Scheme

MAIN EFFECTS ON THE ENVIRONMENT: 342 farmers benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSTO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSTO- NALS	CLERICAL SKILLED	UNSKILLED
1977			Field workers 111			Field workers
1978			228			
1979			342			
1980			342			
1981			260			82
1982			120			286
1983			80			262

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

Refer Bukit Pinitajan Road Based Improvement Scheme

YEARLY PRODUCTION: Oil palm peak production in year 1988 (21 600 tons of ffb)
Rubber peak production in year 1993 (550 tons of drc)
Coconuts peak production in year 1985 (150 tons of drc)
Rice peak production in year 1984 (150 tons of pld)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 15 NAME: Ulu Musiat Rural Development

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

LINKS

FINANCING

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
2: STATE GOVERNMENT
3: LOCAL GOVERNMENT
4: STATUTORI BODIES
5: PUBLIC FUNDS
6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS
8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 2, Part II
2:
3:
4:
5:

MAIN EFFECTS ON THE ENVIRONMENT: 220 farmers benefited by 1982

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1977		Field workers				
1978		150				
1979		210				
1980		300				
1981		400				
1982		440				

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)
Refer Bukit Peninjau Road Based Improvement Scheme

YEARLY PRODUCTION: Rubber peak production in year 1995 (1,700 tons of dry)
Cocon peak production in year 1987 (170 tons of dry)
Rice peak production in year 1986 (300 tons of paddy)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 23	NAME: Long Lam Road Rural Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>

REFERENCES:

1:	Supporting Report 2, Part II
2:	
3:	
4:	
5:	

DERIVED FROM THE DATA OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 177

SECTOR: AGRICULTURE

DEPARTMENT: **PLANNING:** ADU
IMPLEMENTATION: PRIVATE
BUDGET: PRIVATE

NAME OF PROJECT: Clearing, planting and operating - Long Lam Road Based Improvement Scheme

DESCRIPTION: Clearing, planting and operating of 3 700 acres (Planting commences in 1976 and finishes in 1982)
Rubber - 2 505 acres
Cocon - 305 acres
Other crops - 305 acres
220 farmers

TOTAL INVESTMENT COSTS: \$1 200 000 INVESTMENT PERIOD: 1977 to 1986
(1977 to 1980 - \$1 531 000)

INVESTMENT YEAR BY YEAR: \$'000

1:	\$96	2:	\$170	3:	\$122	4:	\$543	5:	\$656
6:	\$423	7:	\$271	8:	\$183	9:	\$120	10:	\$75
11:	\$33	12:	\$7						

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	\$39	4:	\$55	5:	\$121
6:	\$167	7:	\$231	8:	\$123	9:	\$262
11:	\$885	12:	\$772	13:	\$990	14:	\$990
15:	\$990	17:	\$990	18:	\$990	19:	\$990
20:	\$990						

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	\$53	4:	\$79	5:	\$170
6:	\$251	7:	\$339	8:	\$590	9:	\$821
11:	\$1 220	12:	\$1 316	13:	\$1 377	14:	\$1 377
15:	\$1 377	17:	\$1 377	18:	\$1 377	19:	\$1 377
20:	\$1 377						

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bukit Peninjau Road Based Improvement Scheme

IDENTIFICATION	PROJECT NUMBER: 178	SECTOR: AGRICULTURE
	DEPARTMENT	PLANNING: ABE IMPLEMENTATION: PRIVATE BUDGET: PRIVATE
CONTENTS	NAME OF PROJECT: Clearing, planting and operating - Labang Road Based Development	
	DESCRIPTION: Clearing, planting and operating of 3 050 acres (planting commenced in 1976 and finishes in 1982) Rubber - 2 115 acres Coconut - 200 acres Other crops - 135 acres 185 farmers	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$2 647 000 (1977 to 1980 - \$1 404 000)	
	INVESTMENT YEAR BY YEAR: \$'000	
LINKS	INVESTMENT PERIOD: 1977 to 1986	
	1: \$96 2: \$170 3: \$416 4: \$482 5: \$396 6: \$299 7: \$204 8: \$136 9: \$82 10: \$45 11: \$17 12: \$1	
FINANCING	OPERATING COSTS YEAR BY YEAR: \$'000	
	1: 2: 3: \$39 4: \$25 5: \$118 6: \$151 7: \$207 8: \$386 9: \$538 10: \$667 11: \$761 12: \$806 13: \$816 14: \$816 15: \$816 16: \$816 17: \$816 18: \$816 19: \$816 20: \$816	
REFERENCES	REVENUES YEAR BY YEAR: \$'000	
	1: 2: 3: \$53 4: \$79 5: \$107 6: \$232 7: \$305 8: \$336 9: \$751 10: \$823 11: \$1 053 12: \$1 118 13: \$1 135 14: \$1 135 15: \$1 135 16: \$1 135 17: \$1 135 18: \$1 135 19: \$1 135 20: \$1 135	
DERIVED EFFECTS OF INVESTING IN THIS PROJECT	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Bahit Peninjau Road Based Improvement Scheme	

IDENTIFICATION	PROJECT NUMBER: 178	SECTOR: AGRICULTURE
	DEPARTMENT	PLANNING: ABE IMPLEMENTATION: PRIVATE BUDGET: PRIVATE
CONTENTS	NAME OF PROJECT: Clearing, planting and operating - Labang Road Based Development	
	DESCRIPTION: Clearing, planting and operating of 3 050 acres (planting commenced in 1976 and finishes in 1982) Rubber - 2 115 acres Coconut - 200 acres Other crops - 135 acres 185 farmers	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$2 647 000 (1977 to 1980 - \$1 404 000)	
	INVESTMENT YEAR BY YEAR: \$'000	
LINKS	INVESTMENT PERIOD: 1977 to 1986	
	1: \$96 2: \$170 3: \$416 4: \$482 5: \$396 6: \$299 7: \$204 8: \$136 9: \$82 10: \$45 11: \$17 12: \$1	
FINANCING	OPERATING COSTS YEAR BY YEAR: \$'000	
	1: 2: 3: \$39 4: \$25 5: \$118 6: \$151 7: \$207 8: \$386 9: \$538 10: \$667 11: \$761 12: \$806 13: \$816 14: \$816 15: \$816 16: \$816 17: \$816 18: \$816 19: \$816 20: \$816	
REFERENCES	REVENUES YEAR BY YEAR: \$'000	
	1: 2: 3: \$53 4: \$79 5: \$107 6: \$232 7: \$305 8: \$336 9: \$751 10: \$823 11: \$1 053 12: \$1 118 13: \$1 135 14: \$1 135 15: \$1 135 16: \$1 135 17: \$1 135 18: \$1 135 19: \$1 135 20: \$1 135	
DERIVED EFFECTS OF INVESTING IN THIS PROJECT	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Bahit Peninjau Road Based Improvement Scheme	

MAIN EFFECTS ON THE ENVIRONMENT: 185 farmers benefited by 1982

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	UNSKILLED	TOTAL	PROFESSIO- NALS	UNSKILLED	TOTAL
1977		Field workers				
1978		150				
1979		210				
1980		300				
1981		350				
		370				

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)
Refer Bahit Peninjau Road Based Improvement Scheme

YEARLY PRODUCTION: Rubber peak production in year 1995 (1 440 tons of dry)
Coconut peak production in year 1987 (150 tons of dry)
Rice peak production in year 1986 (310 tons of paddy)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 17 NAME: Labang RD Rural Development

NO: 1	NAME:
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORY BODIES	<input type="checkbox"/>
5: PUBLIC FUNDS	<input type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input checked="" type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- 1: Supporting Report 2, Part II
- 2:
- 3:
- 4:
- 5:

IDENTIFICATION	PROJECT NUMBER: 179	SECTOR: AGRICULTURE
	DEPARTMENT: PLANNING: IMPLEMENTATION: } PRIVATE	
	NAME OF PROJECT: Cattle Scheme - Mwanizam Cattle Area (Private)	
CONTENTS	DESCRIPTION: 2 500 acres 5 000 head of cattle TOTAL INVESTMENT COSTS: \$2 064 000 INVESTMENT PERIOD: 1977 to 1980 INVESTMENT YEAR BY YEAR: \$'000 1: \$311 2: \$878 3: \$649 4: \$196 5: 6: 7: 8: 9: 10: OPERATING COSTS YEAR BY YEAR: \$'000 1: \$43 2: \$107 3: \$164 4: \$22 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20: REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS (UNIT OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

DEVELOPMENT	MAIN EFFECTS ON THE ENVIRONMENT:	
	EMPLOYMENT:	
DEVELOPMENT	DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	
	INPUT OTHER THAN LABOUR; CONSTRUCTION (C), OPERATION (O)	
DEVELOPMENT	YEARLY PRODUCTION: NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES NO: 12 NAME: Mwanizam Rural Development NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:	
DEVELOPMENT	POSSIBILITIES OF FINANCING: 1: FEDERAL GOVERNMENT 2: LOCAL GOVERNMENT 3: PUBLIC FUNDS 4: STATE GOVERNMENT 5: STATUTORY BODIES 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS	
	REFERENCES: 1: Supporting Report 2, Parts II and V 2: 3: 4: 5:	

MAIN EFFECTS ON THE ENVIRONMENT: 220 farmers benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1977				9		9
1978				9		9
1979				11		11
1980				15		15

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 23	NAME:	Long Loan RBD Rural Development
NO:	NAME:	

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORI BODIES	<input type="checkbox"/>
5: PUBLIC FUNDS	<input checked="" type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

1: Supporting Report 2, Part III
2:
3:
4:
5:

DERIVED EFFECTS OF THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 180

SECTOR: AGRICULTURE

DEPARTMENT: AGRICULTURE
IMPLEMENTATION: ADU
BUDGET: AGRICULTURE

NAME OF PROJECT: Management ADU - Long Lam RD

DESCRIPTION: ADU management of 3 700 acres of cropped land

- Equipment:
1 Spade
2 Hoe
2 Knapsacks
4 Manual knapsacks
Tractor and rotavator
Lorry
- Quarters:
1 Class B
2 Class C
6 Class D

TOTAL INVESTMENT COSTS: \$133 000 INVESTMENT PERIOD: 1977 to 1980

INVESTMENT YEAR BY YEAR: \$'000

1: \$206	2:	3: \$71	4: \$56	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1: \$48	2: \$51	3: \$64	4: \$79	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bahit Pansajan Road Based Improvement Scheme

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bahit Pansajan Road Based Improvement Scheme

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bahit Pansajan Road Based Improvement Scheme

IDENTIFICATION	PROJECT NUMBER: 182 DEPARTMENT: PLANNING: IMPLEMENTATION: NAME OF PROJECT: Salvage felling - Ensbang SECTOR: FORESTRY FD/PRIVATE PRIVATE PRIVATE
CONTENTS	DESCRIPTION: Salvage felling of forest land for agricultural cultivation 7 750 acres - felling, skidding and loading INVESTMENT PERIOD: 1977 to 1978 TOTAL INVESTMENT COSTS: INVESTMENT YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: OPERATING COSTS YEAR BY YEAR: \$'000 1: \$1 610 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20: REVENUES YEAR BY YEAR: \$'000 1: \$2 450 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT: EMPLOYMENT:	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td>31</td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	1						31	2							3							4							5							6							7							8							9							10						
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DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O) 6 tractors, saws, 1 loader YEARLY PRODUCTIONS: 31 000 tons																																																																																			
LINKS	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:																																																																																			
FINANCING	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES NO: 9 NAME: Ensbang Rural Development NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME: POSSIBILITIES OF FINANCING: 1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS																																																																																			
REFERENCES	REFERENCES: 1: Supporting Report 3, Part I 2: 3: 4: 5:																																																																																			

IDENTIFICATION	PROJECT NUMBER: 183 SECTOR: HOUSING DEPARTMENT: PLANNING: IMPLEMENTATION: } PRIVATE BUDGET: } NAME OF PROJECT: Housing
CONTENTS	DESCRIPTION: Temporary wooden houses for all road based agriculture schemes, and other small private agricultural farms. TOTAL INVESTMENT COSTS: \$1 500 INVESTMENT PERIOD: INVESTMENT YEAR BY YEAR: 1: \$1 500 2: 3: 4: 5: 6: 7: 8: 9: 10: OPERATING COSTS YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20: REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20: SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Per unit house - \$1 500

MAIN EFFECTS ON THE ENVIRONMENT: EMPLOYMENT:	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <p>INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)</p> <p>YEARLY PRODUCTION:</p> <p>NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:</p> <p>1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:</p> <p>LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES</p> <p>NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:</p> <p>POSSIBILITIES OF FINANCING:</p> <p>1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS</p> <p>REFERENCES:</p> <p>1: Supporting Report 6, Part V 2: 3: 4: 5:</p>	YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	1							2							3							4							5							6							7							8							9							10						
YEAR	CONSTRUCTION			OPERATION																																																																																
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IDENTIFICATION	PROJECT NUMBER: 164	SECTOR: TRANSPORT
	DEPARTMENT	PLANNING: IMPLEMENTATION: } PWD
CONTENTS	NAME OF PROJECT: Access road - Lamnas Public Area	
	DESCRIPTION: Improved feeder road standard Total length - 22 miles Width of formation - 30 feet Pavement - 15 feet Surface - gravel	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$330 000 INVESTMENT PERIOD: 1977	
	INVESTMENT YEAR BY YEAR: 1977 1: \$130 000 2: 3: 4: 5: 6: 7: 8: 9: 10:	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: 1: \$11 000 2: \$11 000 3: \$11 000 4: \$26 000 5: \$11 000 6: \$11 000 7: \$11 000 8: \$26 000 9: etc 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: 1 mile - \$150 000	

DERIVED EFFECTS OF PROJECTS ON THE ENVIRONMENT	MAIN EFFECTS ON THE ENVIRONMENT: Links Lamnas with the whole road network system																																																																																																							
	EMPLOYMENT:																																																																																																							
REFERENCES	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> <th rowspan="2">TOTAL</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>										YEAR	CONSTRUCTION			OPERATION			TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	1								2								3								4							2	5							2	6								7								8								9								10							
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	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES (1973 PRICES): NO: 8 NAME: Lamnas Rural Development NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:																																																																																																							
REFERENCES	POSSIBILITIES OF FINANCING: 1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS																																																																																																							
	REFERENCES: 1: Supporting Report 7 2: Supporting Report 6, Part II 3: 4: 5:																																																																																																							

IDENTIFICATION	PROJECT NUMBER: 155	SECTOR: TRANSPORT
	DEPARTMENT: } PLANNING: } IMPLEMENTATION: } PWD	
CONTENTS	NAME OF PROJECT: Access road - Buaabang	
	DESCRIPTION: Improved feeder road standard Total length - 7.4 miles Width of formation - 30 feet Subgrade - 10 feet Surface - gravel	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$1 110 000 INVESTMENT PERIOD: 1977 to 1978	
	INVESTMENT YEAR BY YEAR: 1977	
	1: \$500 000	2: \$610 000
	6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:
	OPERATING COSTS YEAR BY YEAR: 1979+	
	1: \$37 000	2: \$37 000
	6: \$37 000	7: \$37 000
	11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	4: \$29 000 9: etc 10: 15: 20:
	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5:	6: 7: 8: 9: 10:
	11: 12: 13: 14: 15:	16: 17: 18: 19: 20:
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: 1 mile - \$150 000	

IDENTIFICATION	MAIN EFFECTS ON THE ENVIRONMENT: Links Igang with Buaabang	
	EMPLOYMENT:	
CONTENTS	DERIVED OF EFFECTS OF INVESTING THE PROJECT	
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)	
COSTS AND REVENUES (1973 PRICES)	YEARLY PRODUCTION:	
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:	
	1: 2: 3: 4: 5:	6: 7: 8: 9: 10:
	11: 12: 13: 14: 15:	16: 17: 18: 19: 20:
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES	
	NO: 9 NAME: Buaabang Rural Development	
FINANCING	POSSIBILITIES OF FINANCING:	
	1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS	
REFERENCES	REFERENCES:	
	1: Supporting Report 7 2: Supporting Report 6, Part II 3: 4: 5:	

MAIN EFFECTS ON THE ENVIRONMENT: In future linking up the Pan-Sarawak Highway

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						3
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	21:	4:	5:
6:	7:	8:	9:
11:	12:	13:	14:
16:	17:	18:	19:
			20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO:	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 7
- 2: Supporting Report 6, Part II
- 3:
- 4:
- 5:

DERIVED OF EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 186

SECTOR: TRANSPORT
 PLANNING: }
 IMPLEMENTATION: }
 BUDGET: } FMO

NAME OF PROJECT: Bating Kemmas Road

DESCRIPTION: Trunk road standard
 Total length - 4 miles
 Width of formation - 44 feet
 Pavement - 24 feet
 Surface - gravel

TOTAL INVESTMENT COSTS: \$1 040 000 INVESTMENT PERIOD: 1977

INVESTMENT YEAR BY YEAR:

1:	4:	5:
6:	7:	8:
9:	10:	

OPERATING COSTS YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:
 1 mile - \$560 000

IDENTIFICATION	PROJECT NUMBER: 189	SECTOR: TRANSPORT
	DEPARTMENT: PLANNING: IMPLEMENTATION: BUDGET: } KIV	
CONTENTS	NAME OF PROJECT: Public transport - Igang	
	DESCRIPTION: Establishment of a bus route to serve the population in the Mah-Sami RDA 2 Buses 1 Bus station	
COSTS AND REVENUES (1977) PRICES)	TOTAL INVESTMENT COSTS: \$75 000 INVESTMENT PERIOD: 1977	
	INVESTMENT YEAR BY YEAR: 1: \$75 000 2: 3: 4: 5: 6: 7: 8: 9: 10: 11:	
OPERATION COSTS	OPERATING COSTS YEAR BY YEAR: 1976	
	1: \$40 000 2: etc 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:		

EMPLOYMENT:	MAIN EFFECTS ON THE ENVIRONMENT: Improves the connection between Igang and its surrounding villages																			
	YEAR																			
DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	CONSTRUCTION			OPERATION																
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL												
	1																			
	2																			
	3																			
	4																			
	5							4												
	6							4												
	7							4												
	8																			
	9																			
10																				
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)																				
YEARLY PRODUCTION:																				
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:																				
1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:	
LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES																				
NO: 5	NAME: Igang Rural Development																			
NO: 6	NAME: Gassah Rural Development																			
NO: 7	NAME: Sobacah Rural Development																			
NO: 9	NAME: Inababag Rural Development																			
NO: 8	NAME: Lomus Rural Development																			
NO: 10	NAME: Telahit Rural Development																			
NO:	NAME:																			
POSSIBILITIES OF FINANCING:																				
1:	FEDERAL GOVERNMENT																			
3:	LOCAL GOVERNMENT																			
5:	PUBLIC FUNDS																			
7:	PRIVATE FOREIGN LOANS																			
2:	STATE GOVERNMENT																			
4:	STATUTORY BODIES																			
6:	PRIVATE DOMESTIC SAVINGS																			
8:	PUBLIC FOREIGN LOANS																			
REFERENCES:																				
1:																				
2:																				
3:																				
4:																				
5:																				

PROJECT NUMBER: 150 SECTOR: PUBLIC SERVICES
 DEPARTMENT: EDUCATION
 PLANNING: IMPLEMENTATION: AND BUDGET: EDUCATION
 NAME OF PROJECT: Junior College

DESCRIPTION: Educational complex including Forms 4, 5 and 6
 Provisional estimate of costs, employment and investment period.

TOTAL INVESTMENT COSTS: \$5 300 000 INVESTMENT PERIOD: 1977 to 1978
 INVESTMENT YEAR BY YEAR:
 1: \$3 000 000 2: \$2 300 000 3: 4: 5:
 6: 7: 8: 9: 10:
 OPERATING COSTS YEAR BY YEAR: 1979
 1: \$215 000 2: \$215 000 3: etc 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:
 REVENUES YEAR BY YEAR:
 1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS
 UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						50
8						50
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 2 NAME: Biastula Town Development
 NO: 26 NAME: Biastula University Rural Development
 NO: 155 NAME: Biastula University Project
 NO: NAME:
 NO: NAME:
 NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
 2: STATE GOVERNMENT
 3: LOCAL GOVERNMENT
 4: STATUTORY BODIES
 5: PUBLIC FUNDS
 6: PRIVATE DOMESTIC SAVINGS
 7: PRIVATE FOREIGN LOANS
 8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 5

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

LINKS

FINANCING

REFERENCES

MAIN EFFECTS ON THE ENVIRONMENT: Improve training facilities for work

EMPLOYMENT: 1976

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO:	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Department of Education
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 191

SECTOR: PUBLIC SERVICES

PLANNING: EDUCATION

IMPLEMENTATION: PND

BUDGET: EDUCATION

NAME OF PROJECT: Vocational School - Miri

DESCRIPTION: Vocational School for 300 students covering subjects like mechanical, engineering, electrical, installation, automotive engineering, welding and commerce.

TOTAL INVESTMENT COSTS: \$1 257 000

INVESTMENT PERIOD: 1975

INVESTMENT YEAR BY YEAR:

- 1: \$1 257 000
- 2:
- 3:
- 4:
- 5:
- 6:
- 7:
- 8:
- 9:
- 10:

OPERATING COSTS YEAR BY YEAR: 1976+

- 1: \$150 000
- 2: \$150 000
- 3: \$150 000
- 4: \$150 000
- 5: \$150 000
- 6:
- 7:
- 8:
- 9:
- 10:
- 11:
- 12:
- 13:
- 14:
- 15:
- 16:
- 17:
- 18:
- 19:
- 20:

REVENUES YEAR BY YEAR:

- 1:
- 2:
- 3:
- 4:
- 5:
- 6:
- 7:
- 8:
- 9:
- 10:
- 11:
- 12:
- 13:
- 14:
- 15:
- 16:
- 17:
- 18:
- 19:
- 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:
Refer Supporting Report 5

PROJECT NUMBER: 192 SECTOR: PUBLIC SERVICES

DEPARTMENT: PLANNING: IMPLEMENTATION: MO FMO

NAME OF PROJECT: General Hospital - Miri

DESCRIPTION: New General Hospital located at Tanjung Lobang
Provisional estimate of costs, employment and investment period.

TOTAL INVESTMENT COSTS: \$12 000 000 INVESTMENT PERIOD: 1977 to 1980

INVESTMENT YEAR BY YEAR:

1: \$3 000 000	2: \$3 000 000	3: \$3 000 000	4: \$5 000 000	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: 1980

1: \$1 000 000	2: etc	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT: Improve public health in Fourth Division

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						300

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1 NAME: Miri Town Development

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input checked="" type="checkbox"/>	4: STATUTORY BODIES	<input type="checkbox"/>
5: PUBLIC FUNDS	<input type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

1: Supporting Report 5

2:

3:

4:

5:

DERIVED FROM IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8				2	5	5
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO:	NAME:

LINKS

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 6, Part 1
- 2:
- 3:
- 4:
- 5:

DERIVED OF
TABLES
INDICATING
THE PROJECT

PROJECT NUMBER: 193

SECTOR: PUBLIC SERVICES
PLANNING: PWD
IMPLEMENTATION: PWD
BUDGET: PWD

DEPARTMENT: PWD
NAME OF PROJECT: District police station

DESCRIPTION: Building
Quarters
Equipment

CONTENTS

TOTAL INVESTMENT COSTS: \$652 000 INVESTMENT PERIOD: 2 years

INVESTMENT YEAR BY YEAR:
1: \$352 000 2: \$300 000 3: 4: 5:
6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR:
1: \$117 000 2: \$117 000 3: \$117 000 4: \$117 000 5: \$117 000
6: etc 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:
1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Building 204 200
Quarters 500 000
Equipment 30 000
Contingencies 33 000

REFERENCES

IDENTIFICATION	PROJECT NUMBER: 194	SECTOR: PUBLIC UTILITIES
	FINANCING: } DEPARTMENT: } BUDGET: } S800	
CONTENTS	NAME OF PROJECT: Electricity - Lambir-Subis South	
	DESCRIPTION: Calculated on the basis of a representative agricultural village. The project is only specified for the Action Programme period. Maximum 150 KW output in Action Programme period 1 generator Distribution system	
	TOTAL INVESTMENT COSTS: \$175 000	INVESTMENT PERIOD: 1977 to 1980
	INVESTMENT YEAR BY YEAR: 1977	
	1: \$6 000	2: \$17 000
	3: \$41 000	4: \$62 000
	5: 5:	10: 10:
	6: 7:	8: 9:
	OPERATING COSTS YEAR BY YEAR:	
	1: 2:	3: 4:
	5: 6:	7: 8:
	9: 10:	11: 12:
	13: 14:	15: 16:
	17: 18:	19: 20:
	REVENUES YEAR BY YEAR:	
	1: 2:	3: 4:
	5: 6:	7: 8:
	9: 10:	11: 12:
	13: 14:	15: 16:
	17: 18:	19: 20:
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS: AND UNIT (OR ITEM) REVENUES:	

EMPLOYMENT:	MAIN EFFECTS ON THE ENVIRONMENT: Serves the four SLDR villages of Ladang Tiga, Sungai Tangit, Subis I and Subis II (Total population to be 8 900 by 1980)			
	CONSTRUCTION		OPERATION	
YEAR	PROFESSIO- NALS	UNSKILLED AND SKILLED	TOTAL	CLERICAL AND SKILLED
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)			
	YEARLY PRODUCTION:			
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:			
1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:
	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES			
NO: 1	NAME: Lambir-Subis South Rural Development			
NO: 2	NAME:			
NO: 3	NAME:			
NO: 4	NAME:			
NO: 5	NAME:			
NO: 6	NAME:			
NO: 7	NAME:			
NO: 8	NAME:			
NO: 9	NAME:			
NO: 10	NAME:			
NO: 11	NAME:			
NO: 12	NAME:			
NO: 13	NAME:			
NO: 14	NAME:			
NO: 15	NAME:			
NO: 16	NAME:			
NO: 17	NAME:			
NO: 18	NAME:			
NO: 19	NAME:			
NO: 20	NAME:			
	POSSIBILITIES OF FINANCING:			
1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT	<input checked="" type="checkbox"/>
3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES	<input checked="" type="checkbox"/>
5:	PUBLIC FUNDS	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>
	REFERENCES:			
1:	Supporting Report 6, Part III			
2:	Electricity calculation table PU-13			
3:				
4:				
5:				

IDENTIFICATION	PROJECT NUMBER: 195	SECTOR: PUBLIC UTILITIES
	DEPARTMENT: PLANNING: IMPLEMENTATION: } SSSD BUDGET: }	
CONTENTS	NAME OF PROJECT: Electricity - Long Leas	
	DESCRIPTION: Capacity to be 260 MW by 1980 The project is only specified for the Action Programme period. 2 x 30 MW sets in 1977 2 x 100 MW sets in 1979 and 1980	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$450 000 INVESTMENT PERIOD: 1977 to 1980	
	INVESTMENT YEAR BY YEAR: 1977 1: \$120 000 2: 3: \$180 000 4: \$180 000 5: 6: 7: 8: 9: 10: OPERATING COSTS YEAR BY YEAR: 1977 1: \$18 000 2: \$27 000 3: \$43 000 4: \$77 000 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20: REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: 20 MW set 21 \$ 100 MW set 65 000 Rate of operation \$0.18 to \$0.17 per kWh Rate of supply - \$0.22 per kWh		

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: Serve the population of Long Leas (2 500 by 1960)								
	EMPLOYMENT: 1977								
	CONSTRUCTION				OPERATION				
	YEAR	PROFESIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESIO- NALS	CLERICAL SKILLED	UNSKILLED	TOTAL
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
9									
10									
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)									
YEARLY PRODUCTION: From 100 Mwh per year in 1975 to 450 Mwh per year in 1980									
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:									
1:	2:	3:	4:	5:					
6:	7:	8:	9:	10:					
11:	12:	13:	14:	15:					
16:	17:	18:	19:	20:					
LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES									
30: 4	NAME: Long Leas Town Development								
30: 21	NAME: Long Leas Timber Complex Rural Development								
30: 1	NAME:								
30: 2	NAME:								
30: 3	NAME:								
30: 4	NAME:								
POSSIBILITIES OF FINANCING:									
1:	FEDERAL GOVERNMENT					2: STATE GOVERNMENT			
3:	LOCAL GOVERNMENT					4: STATUTORY BODIES			
5:	PUBLIC FINES					6: PRIVATE DOMESTIC SAVINGS			
7:	PRIVATE FOREIGN LOANS					8: PUBLIC FOREIGN LOANS			
REFERENCES:									
1:	Supporting Report 5								
2:	Supporting Report 6, Part III								
3:									
4:									
5:									

MAIN EFFECTS ON THE ENVIRONMENT: Serres Lading Tige and Sengai Tangit

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						2
5						1
6						6
7						
8						
9						
10						

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (c), OPERATION (o)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1 NAME: SLDR Village Development Scheme 4, Lambir-Subia South
NAME: Rural Development

- NO: NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

PROJECT NUMBER: 196 SECTOR: PUBLIC UTILITIES

PLANNING: TELBOMS
IMPLEMENTATION: TELBOMS
BUDGET:

NAME OF PROJECT: Telecommunications - Lambir-Subia South

DESCRIPTION: Only Lading Tige and Sengai Tangit provided calculated on the basis of 10% increased population. The project is only specified for the Action Programs period.

- Buildings
- lines
- Quarters
- Exchange equipment
- Transport and maintenance equipment

CONTENTS

TOTAL INVESTMENT COSTS: \$451 000 INVESTMENT PERIOD: 1977 to 1980

INVESTMENT YEAR BY YEAR: 1977

- 1: \$144 000 2: \$144 000 3: \$155 000 4: \$11 000 5:
- 6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: 1978

- 1: \$19 000 2: \$38 000 3: \$57 000 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

- Building 30 000
- PIP 20 000
- Exchange equipment 20 000
- Quarters

COSTS AND REVENUES (1973 PRICES)

LINKS

FINANCING

REFERENCES

IDENTIFICATION	PROJECT NUMBER: 197	SECTOR: PUBLIC UTILITIES
	DEPARTMENT	PLANNING: TELOMS
	IMPLEMENTATION: TELOMS	BUDGET:
CONTENTS	NAME OF PROJECT: Telecommunications - Igang	
	DESCRIPTION: Total number of lines - 175 The project is only specified for the Action Program period. Building for station and office VHF (very high frequency) Exchange equipment Transport and maintenance equipment 1 Class III quarters 4 Class IV quarters	
	TOTAL INVESTMENT COSTS: \$570 000 INVESTMENT PERIOD: 1977 to 1980 INVESTMENT YEAR BY YEAR: 1977 1: \$30 000 2: \$29 000 3: \$6 000 4: \$6 000 5: 6: 7: 8: 9: 10: OPERATING COSTS YEAR BY YEAR: 1978 1: \$53 000 2: \$53 000 3: \$50 000 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20: REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Building \$ 100 000 of lines 1 000 Exchange equipment 150 000 VHF 150 000 Transport and maintenance equipment 45 000 1 Class III quarter 30 000 4 Class IV quarters 80 000 Cost of supply line 770 Cost of operation - 100 lines 53 000 - 200 lines 90 000		

MAIN EFFECTS ON THE ENVIRONMENT: Serves a total population of 3 600 (Igang)																																																																																																										
EMPLOYMENT: 1976																																																																																																										
DERIVED EFFECTS OF INVESTING IN THE PROJECT	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED</th> <th>TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL SKILLED</th> <th>UNSKILLED</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED	TOTAL	1									2									3									4								6	5								6	6								6	7									8									9									10								
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MAIN EFFECTS ON THE ENVIRONMENT: Serves a total population of 2 500 (Long Lama) by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIONALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIONALS	CLERICAL SKILLED	UNSKILLED TOTAL
1						
2						
3						5
4						5
5						5
6						5
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1 NAME: Long Lama Town Development
 NO: NAME:
 NO: NAME:
 NO: NAME:
 NO: NAME:
 NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
 2: STATE GOVERNMENT
 3: LOCAL GOVERNMENT
 4: STATUTORY BODIES
 5: PUBLIC FUNDS
 6: PRIVATE DOMESTIC SAVINGS
 7: PRIVATE FOREIGN LOANS
 8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 5
 2: Supporting Report 6, Part III
 3:
 4:
 5:

DERIVED FROM SUPPORTING REPORTS ON THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 198 SECTOR: PUBLIC UTILITIES

DEPARTMENT: PLANNING, IMPLEMENTATION, BUDGET: TELECOMS

NAME OF PROJECT: Telecommunications - Long Lama

DESCRIPTION: 75 lines
 The project is only specified for the Action Programme period.
 Building for station and office
 Transport and maintenance equipment
 Exchange equipment
 1 Class III quarters
 4 Class IV quarters
 192

TOTAL INVESTMENT COSTS: \$1 110 000 INVESTMENT PERIOD: 1977 to 1980

INVESTMENT YEAR BY YEAR: 1977

1: \$369 000	2: \$732 000	3: \$3 000	4: \$6 000	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: 1977

1: \$30 000	2: \$30 000	3: \$30 000	4: \$53 000	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Building	520 000
External lines	15 000
Exchange equipment	100 000
Transport and maintenance equipment	35 000
VIP	300 000
1 Class III quarters	80 000
4 Class IV quarters	80 000

MAIN EFFECTS ON THE ENVIRONMENT: Serves the population of Galsah of 250 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
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INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 6
NAME:
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NAME:
NAME:
NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>
2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>
4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>
6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>
8:	PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>

REFERENCES:

1: Supporting Report 5
2: Supporting Report 6, Part III
3:
4:
5:

DERIVED FROM THE DATA REPRESENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 159

SECTOR: PUBLIC UTILITIES

DEPARTMENT: PLANNING: IMPLEMENTATION: PMD
BUDGET:

NAME OF PROJECT: Sewerage - Galsah

DESCRIPTION: Latrines for the population
Septic tanks for the shops
The project is only specified for the Action Programme period.

CONTENTS

TOTAL INVESTMENT COSTS: \$29 000 INVESTMENT PERIOD: 1977 to 1978

INVESTMENT YEAR BY YEAR: 1977

1:	\$10 000	2:	\$19 000	3:	4:	5:
6:	7:	8:	9:	10:		

OPERATING COSTS YEAR BY YEAR: 1978

1:	\$500	2:	\$500	3:	\$500	4:	5:
6:	7:	8:	9:	10:	11:	12:	13:
14:	15:	16:	17:	18:	19:	20:	

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Latrines per head
Septic tanks per head

210
210

IDENTIFICATION	PROJECT NUMBER: 200 A	SECTOR: PUBLIC UTILITIES																																																																																																							
	DEPARTMENT: } PLANNING: } IMPLEMENTATION: } PMD BUDGET: }																																																																																																								
	NAME OF PROJECT: Sewerage - Igang																																																																																																								
CONTENTS	DESCRIPTION: Septic tanks - medium and high density housing Community system in town centre The project is only specified for the Action Programme period.																																																																																																								
	<p>TOTAL INVESTMENT COSTS: \$1,397,000 INVESTMENT PERIOD: 1977 to 1980</p> <p>INVESTMENT YEAR BY YEAR: 1977</p> <table border="0"> <tr> <td>1:</td> <td>\$416,000</td> <td>2:</td> <td>\$611,000</td> <td>3:</td> <td>\$130,000</td> <td>4:</td> <td>\$10,000</td> <td>5:</td> <td></td> </tr> <tr> <td>6:</td> <td></td> <td>7:</td> <td></td> <td>8:</td> <td></td> <td>9:</td> <td></td> <td>10:</td> <td></td> </tr> </table> <p>OPERATING COSTS YEAR BY YEAR: 1978</p> <table border="0"> <tr> <td>1:</td> <td></td> <td>2:</td> <td>\$3,000</td> <td>3:</td> <td>\$13,000</td> <td>4:</td> <td>\$17,000</td> <td>5:</td> <td></td> </tr> <tr> <td>6:</td> <td></td> <td>7:</td> <td></td> <td>8:</td> <td></td> <td>9:</td> <td></td> <td>10:</td> <td></td> </tr> <tr> <td>11:</td> <td></td> <td>12:</td> <td></td> <td>13:</td> <td></td> <td>14:</td> <td></td> <td>15:</td> <td></td> </tr> <tr> <td>16:</td> <td></td> <td>17:</td> <td></td> <td>18:</td> <td></td> <td>19:</td> <td></td> <td>20:</td> <td></td> </tr> </table> <p>REVENUES YEAR BY YEAR:</p> <table border="0"> <tr> <td>1:</td> <td></td> <td>2:</td> <td></td> <td>3:</td> <td></td> <td>4:</td> <td></td> <td>5:</td> <td></td> </tr> <tr> <td>6:</td> <td></td> <td>7:</td> <td></td> <td>8:</td> <td></td> <td>9:</td> <td></td> <td>10:</td> <td></td> </tr> <tr> <td>11:</td> <td></td> <td>12:</td> <td></td> <td>13:</td> <td></td> <td>14:</td> <td></td> <td>15:</td> <td></td> </tr> <tr> <td>16:</td> <td></td> <td>17:</td> <td></td> <td>18:</td> <td></td> <td>19:</td> <td></td> <td>20:</td> <td></td> </tr> </table> <p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p> <p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:</p> <table border="0"> <tr> <td>Septic tanks per head</td> <td>\$</td> </tr> <tr> <td>Community system per head</td> <td>250</td> </tr> </table>		1:	\$416,000	2:	\$611,000	3:	\$130,000	4:	\$10,000	5:		6:		7:		8:		9:		10:		1:		2:	\$3,000	3:	\$13,000	4:	\$17,000	5:		6:		7:		8:		9:		10:		11:		12:		13:		14:		15:		16:		17:		18:		19:		20:		1:		2:		3:		4:		5:		6:		7:		8:		9:		10:		11:		12:		13:		14:		15:		16:		17:		18:		19:		20:		Septic tanks per head	\$	Community system per head
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DERIVED FROM THE REPORTS OF THE PERSONNEL RESPONSIBLE FOR IMPLEMENTING THE PROJECT	<p>MAIN EFFECTS ON THE ENVIRONMENT: Serves the sub-regional centre in the fish-faai</p> <p>EMPLOYMENT:</p> <table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> <th rowspan="2">TOTAL</th> </tr> <tr> <th>PROFESSIO-NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED</th> <th>PROFESSIO-NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <p>INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)</p> <p>YEARLY PRODUCTION:</p> <p>NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:</p> <table border="0"> <tr> <td>1:</td> <td></td> <td>2:</td> <td></td> <td>3:</td> <td></td> <td>4:</td> <td></td> <td>5:</td> <td></td> </tr> <tr> <td>6:</td> <td></td> <td>7:</td> <td></td> <td>8:</td> <td></td> <td>9:</td> <td></td> <td>10:</td> <td></td> </tr> <tr> <td>11:</td> <td></td> <td>12:</td> <td></td> <td>13:</td> <td></td> <td>14:</td> <td></td> <td>15:</td> <td></td> </tr> <tr> <td>16:</td> <td></td> <td>17:</td> <td></td> <td>18:</td> <td></td> <td>19:</td> <td></td> <td>20:</td> <td></td> </tr> </table>										YEAR	CONSTRUCTION			OPERATION			TOTAL	PROFESSIO-NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO-NALS	CLERICAL AND SKILLED	UNSKILLED	1								2								3								4								5								6								7								8								9								10								1:		2:		3:		4:		5:		6:		7:		8:		9:		10:		11:		12:		13:		14:		15:		16:		17:		18:		19:		20:	
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LINKS	<p>LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES</p> <table border="0"> <tr> <td>NO: 5</td> <td>NAME: Igang Estate Rural Development</td> </tr> <tr><td>NO:</td><td>NAME:</td></tr> <tr><td>NO:</td><td>NAME:</td></tr> <tr><td>NO:</td><td>NAME:</td></tr> <tr><td>NO:</td><td>NAME:</td></tr> <tr><td>NO:</td><td>NAME:</td></tr> </table>										NO: 5	NAME: Igang Estate Rural Development	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:	NO:	NAME:																																																																																																																										
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FINANCING	<p>POSSIBILITIES OF FINANCING:</p> <table border="0"> <tr> <td>1:</td> <td>FEDERAL GOVERNMENT</td> <td>2:</td> <td>STATE GOVERNMENT</td> </tr> <tr> <td>3:</td> <td>LOCAL GOVERNMENT</td> <td>4:</td> <td>STATUTORY BODIES</td> </tr> <tr> <td>5:</td> <td>PUBLIC FUNDS</td> <td>6:</td> <td>PRIVATE DOMESTIC SAVINGS</td> </tr> <tr> <td>7:</td> <td>PRIVATE FOREIGN LOANS</td> <td>8:</td> <td>PUBLIC FOREIGN LOANS</td> </tr> </table>										1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT	3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES	5:	PUBLIC FUNDS	6:	PRIVATE DOMESTIC SAVINGS	7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS																																																																																																																						
1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT																																																																																																																																													
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REFERENCES	<p>REFERENCES:</p> <table border="0"> <tr> <td>1:</td> <td>Supporting Report 5</td> </tr> <tr> <td>2:</td> <td>Supporting Report 6, Part III</td> </tr> <tr> <td>3:</td> <td></td> </tr> <tr> <td>4:</td> <td></td> </tr> <tr> <td>5:</td> <td></td> </tr> </table>										1:	Supporting Report 5	2:	Supporting Report 6, Part III	3:		4:		5:																																																																																																																													
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5:																																																																																																																																																

IDENTIFICATION	PROJECT NUMBER: 200 B	SECTOR: PUBLIC UTILITIES
	DEPARTMENT	PLANNING: } IMPLEMENTATION: } BUDGET: } FMD
CONTENTS	NAME OF PROJECT: Sewerage - Thieng	
	DESCRIPTION: Latrines for the general population and septic tanks for the shops and school. The project is only specified for the Action Programme period.	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$28 000	INVESTMENT PERIOD: 1977 to 1978
	INVESTMENT YEAR BY YEAR: 1977	
	1: \$9 000 2: \$19 000 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	OPERATING COSTS YEAR BY YEAR: 1978+	
	1: \$500 2: \$500 3: \$600 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: \$ Latrines per head 10 Septic tanks per head 210	

EMPLOYMENT:	MAIN EFFECTS ON THE ENVIRONMENT: Serves the village population of Thieng (900 by 1980)									
	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
DERIVED OF EFFICIENCY IMPROVING THE PROJECT										
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)										
YEARLY PRODUCTION:										
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:										
1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:
12:	13:	14:	15:	16:	17:	18:	19:	20:		
LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES										
NO: 2L	NAME: Mark-Binhlu Road Rural Development									
NO:	NAME:									
NO:	NAME:									
NO:	NAME:									
NO:	NAME:									
NO:	NAME:									
POSSIBILITIES OF FINANCING:										
1:	FEDERAL GOVERNMENT	<input type="checkbox"/>								
2:	STATE GOVERNMENT	<input type="checkbox"/>								
3:	LOCAL GOVERNMENT	<input type="checkbox"/>								
4:	STATUTORY BODIES	<input type="checkbox"/>								
5:	PUBLIC FUNDS	<input type="checkbox"/>								
6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>								
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>								
8:	PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>								
REFERENCES:										
1:	Supporting Report 5									
2:	Supporting Report 6, Part III									
3:										
4:										
5:										

IDENTIFICATION	PROJECT NUMBER: 201	SECTOR: PUBLIC UTILITIES
	PLANNING: } IMPLEMENTATION: } BUDGET: } PWD	
CONTENTS	NAME OF PROJECT: Water supply - Niah-Suai villages	
	DESCRIPTION: Intake will be from the Sungai Niah works with trunk pipes to the area. The project is only specified for the Action Programme period.	
COSTS AND REVENUES (1977 PRICES)	TOTAL INVESTMENT COSTS: \$1 628 000 INVESTMENT PERIOD: 1977 to 1980	
	INVESTMENT YEAR BY YEAR: 1977 1: \$172 000 2: \$787 000 3: \$420 000 4: \$469 000 5: 6: 7: 8: 9: 10: OPERATING COSTS YEAR BY YEAR: 1978 1: \$17 000 2: \$63 000 3: \$109 000 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20: REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
REFERENCES	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: 23 000 feet of 6 inch pipes at \$7.5 per foot 172 000 82 000 feet of 4 inch pipes at \$4 per foot 492 000 Service storage (225 000 gallons) 1 000 000 Distribution system at \$4.60 per foot 1 029 000	

MAIN EFFECTS ON THE ENVIRONMENT: Serves 5 villages in the Niah-Suai area

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						2
5						4
6						4
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1 NAME: Meter supply - Lambit-Sabis South Rural Development
 NO: 5 NAME: Igang Estate Rural Development
 NO: 6 NAME: Galasah Rural Development
 NO: 8 NAME: Lanau Rural Development
 NO: 9 NAME: Enabang Rural Development
 NO: 7 NAME: Sebahang Rural Development
 NO: 10 NAME: Telabit Rural Development

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
 3: LOCAL GOVERNMENT
 5: PUBLIC FUNDS
 7: PRIVATE FOREIGN LOANS
 2: STATE GOVERNMENT
 4: STATUTORY BODIES
 6: PRIVATE DOMESTIC SAVINGS
 8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 5
 2: Supporting Report 6, Part III
 3:
 4:
 5:

MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of about 3 600

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	UNSKILLED	TOTAL	PROFESSIO- NALS	UNSKILLED	TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 5	NAME: Igang Estate Rural Development
NO: 1	NAME:
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:
NO: 6	NAME:
NO: 7	NAME:
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:
NO: 11	NAME:
NO: 12	NAME:
NO: 13	NAME:
NO: 14	NAME:
NO: 15	NAME:
NO: 16	NAME:
NO: 17	NAME:
NO: 18	NAME:
NO: 19	NAME:
NO: 20	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>
2:	LOCAL GOVERNMENT	<input type="checkbox"/>
3:	PUBLIC FUNDS	<input type="checkbox"/>
4:	STATE GOVERNMENT	<input checked="" type="checkbox"/>
5:	STATUTORY BODIES	<input type="checkbox"/>
6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>
8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 202 SECTOR: PUBLIC UTILITIES

DEPARTMENT: }
 PLANNING: }
 IMPLEMENTATION: }
 BUDGET: } DC/SSSD

NAME OF PROJECT: Cleansing, refuse disposal, street lighting - Igang

DESCRIPTION: Monsoon drains
 Roadside drains
 Cleansing department trailer
 Street lighting

The project is only specified for the Action Programme period.

CONTENTS

TOTAL INVESTMENT COSTS: \$111 000 INVESTMENT PERIOD: 1977 to 1980

INVESTMENT YEAR BY YEAR: 1977

1:	\$0 000	2:	\$134 000	3:	\$101 000	4:	\$66 000	5:	
6:		7:		8:		9:		10:	

OPERATING COSTS YEAR BY YEAR: 1978

1:	\$17 000	2:	\$24 000	3:	\$42 000	4:		5:	
6:		7:		8:		9:		10:	
11:		12:		13:		14:		15:	
16:		17:		18:		19:		20:	

REVENUES YEAR BY YEAR:

1:		2:		3:		4:		5:	
6:		7:		8:		9:		10:	
11:		12:		13:		14:		15:	
16:		17:		18:		19:		20:	

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Monsoon drains per head	4
Road side drains per head	20
Cleansing department trailer	5 000
Street lighting per head	5 18

IDENTIFICATION	PROJECT NUMBER: 203	SECTOR: INDUSTRIES
	PLANNING: IMPLEMENTATION: } BUDGET: SEMC	
	NAME OF PROJECT: Industrial estates No.2 - Miri	

DESCRIPTION: The industrial estates will consist of 50 units, some taller and, others built to specifications. In the estates there will be a variety of industries.

CONTENTS

TOTAL INVESTMENT COSTS: \$4,000 INVESTMENT PERIOD: 1977 to 1978

INVESTMENT YEAR BY YEAR:

1: \$2,000	2: \$2,000	3:	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1:	2: \$300	3: \$725	4: \$725	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

With the number of industries existing side by side there will inevitably be economies of scale through mutual sharing.

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						100
3						300
4						300
5						
6						
7						
8						
9						
10						

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:	NAME:
1	Miri Town Development	
NO:	NAME:	

LINKS

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORY BODIES	<input checked="" type="checkbox"/>
5: PUBLIC FUNDS	<input type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input checked="" type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input type="checkbox"/>

FINANCING

REFERENCES:

1:
2:
3:
4:
5:

REFERENCES

IDENTIFICATION	PROJECT NUMBER: 204	SECTOR: INDUSTRIES			
	DEPARTMENT	PLANNING: IMPLEMENTATION: } SDC			
	NAME OF PROJECT: Industrial estates - Bintulu				
CONTENTS	DESCRIPTION:				
	TOTAL INVESTMENT COSTS:	INVESTMENT PERIOD: Mid 1976 to 1977			
COSTS AND REVENUES (1977 PRICES)	INVESTMENT YEAR BY YEAR:				
	1: \$1 000	2: \$3 000	3: 1: 10 200	4: 1: 10 200	5: 1: 10 200
	6: 1: 10 200	7: 1: 10 200	8: 1: 10 200	9: 1: 10 200	10: 1: 10 200
	OPERATING COSTS YEAR BY YEAR:				
	1: 1: 100	2: 1: 100	3: 1: 100	4: 1: 100	5: 1: 100
	6: 1: 100	7: 1: 100	8: 1: 100	9: 1: 100	10: 1: 100
	11: 1: 100	12: 1: 100	13: 1: 100	14: 1: 100	15: 1: 100
	16: 1: 100	17: 1: 100	18: 1: 100	19: 1: 100	20: 1: 100
	REVENUES YEAR BY YEAR:				
	1: 1: 100	2: 1: 100	3: 1: 100	4: 1: 100	5: 1: 100
6: 1: 100	7: 1: 100	8: 1: 100	9: 1: 100	10: 1: 100	
11: 1: 100	12: 1: 100	13: 1: 100	14: 1: 100	15: 1: 100	
16: 1: 100	17: 1: 100	18: 1: 100	19: 1: 100	20: 1: 100	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS					
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:					

MAIN EFFECTS ON THE ENVIRONMENT:	EMPLOYMENT:									
	CONSTRUCTION					OPERATION				
DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED	TOTAL	
	1									
	2									100
	3									300
	4									300
	5									
	6									
	7									
	8									
	9									
	10									
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)										
YEARLY PRODUCTION:										
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:										
1:	2:	3:	4:	5:						
6:	7:	8:	9:	10:						
11:	12:	13:	14:	15:						
16:	17:	18:	19:	20:						
LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES										
NO: 1	NAME: Bintulu Town Development									
NO: 2	NAME:									
NO: 3	NAME:									
NO: 4	NAME:									
NO: 5	NAME:									
NO: 6	NAME:									
POSSIBILITIES OF FINANCING:										
1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>					
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>					
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>					
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>					
REFERENCES:										
1:										
2:										
3:										
4:										
5:										

PROJECT NUMBER: 205 SECTOR: INDUSTRIES
 DEPARTMENT: PLANNING: STIDC/PRIVATE
 IMPLEMENTATION: }
 BUDGET: }

NAME OF PROJECT: Particle board manufacturing
 DESCRIPTION: A particle board plant

TOTAL INVESTMENT COSTS: \$6 000 000 INVESTMENT PERIOD:

INVESTMENT YEAR BY YEAR: \$'000

1: \$5 000	2: \$2 000	3: 3:	4: 4:	5: 5:
6: 6:	7: 7:	8: 8:	9: 9:	10: 10:

OPERATING COSTS YEAR BY YEAR: \$'000

1: \$3 700	2: \$2 000	3: \$3 700	4: \$3 700	5: \$3 700
6: \$3 700	7: \$3 700	8: \$3 700	9: \$3 700	10: \$3 700
11: \$3 700	12: \$3 700	13: \$3 700	14: \$3 700	15: \$3 700
16: \$3 700	17: \$3 700	18: \$3 700	19: \$3 700	20: \$3 700

REVENUES YEAR BY YEAR: \$'000

1: \$5 800	2: \$1 800	3: \$4 000	4: \$5 800	5: \$5 800
6: \$5 800	7: \$5 800	8: \$5 800	9: \$5 800	10: \$5 800
11: \$5 800	12: \$5 800	13: \$5 800	14: \$5 800	15: \$5 800
16: \$5 800	17: \$5 800	18: \$5 800	19: \$5 800	20: \$5 800

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

The plant is calculated on the basis of 80 to 100 per cent utility.

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

IDENTIFICATION

CONTENTS

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1			50			50
2						
3						
4						
5						
6						
7						
8						
9						
10						

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)
 Machinery (c)

YEARLY PRODUCTION: 10 000 to 11 000 tons 0.75 chip boards in standard sizes

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: \$'000

1: \$3 500	2: \$500	3: \$200	4: \$500	5: \$500
6: \$500	7: \$500	8: \$500	9: \$500	10: \$500
11: \$500	12: \$500	13: \$500	14: \$500	15: \$500
16: \$500	17: \$500	18: \$500	19: \$500	20: \$500

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 107	NAME: Furniture factory Project
NO: 114	NAME: Moulding plant, Drying kiln plant Projects
NO: 112	NAME: Pre-fab housing plant Project
NO: 112	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT
3: LOCAL GOVERNMENT	4: STATUTORY BODIES
5: PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS	8: PUBLIC FOREIGN LOANS

REFERENCES:

1:	
2:	
3:	
4:	
5:	

IDENTIFICATION	PROJECT NUMBER: 206	SECTOR: AGRICULTURE
	DEPARTMENT: PLANNING: SLR IMPLEMENTATION: SLR BUDGET: SLR	
CONTENTS	NAME OF PROJECT: Clearing, planting and operating - Bhsabang (Public)	
	DESCRIPTION: Clearing, planting and operating of 5 000 acres - small holder scheme Oil palm - 3 400 acres Rubber - 1 270 acres Rice - 300 acres	
	TOTAL INVESTMENT COSTS: \$5 253 000 (1976 to 1980 - \$3 531 000) INVESTMENT YEAR BY YEAR: \$'000 1: \$495 2: \$2 194 3: \$542 4: \$1 254 5: \$140 6: \$118 7: \$175 8: \$35 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	OPERATING COSTS YEAR BY YEAR: \$'000 1: 2: 3: 4: \$34 5: \$975 6: \$1 008 7: \$208 8: \$1 154 9: \$1 214 10: \$1 195 11: \$1 211 12: \$1 216 13: \$1 244 14: \$1 247 15: \$1 255 16: \$1 255 17: \$1 255 18: 19: 20:	
COSTS AND REVENUES (1973 PRICES)	REVENUES YEAR BY YEAR: \$'000 1: 2: 3: 4: \$222 5: \$1 017 6: \$1 513 7: \$2 006 8: \$2 413 9: \$2 650 10: \$2 772 11: \$2 817 12: \$2 825 13: \$2 880 14: \$2 906 15: \$2 909 16: \$2 886 17: \$2 841 18: 19: 20:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Bukit Peninjau Road Based Improvement Scheme	

DEBIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: 348 farmers benefited	
	EMPLOYMENT:	
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O) Refer Bukit Peninjau Road Based Improvement Scheme	
	YEARLY PRODUCTION: Oil palm peak production in year 1987 (31 000 tons of ffb) Rubber peak production in year 1992 (1 000 tons of drc) Rice peak production in year 1983 (390 tons of padi)	
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES NO: 9 NAME: Bhsabang Rural Development NO: 18 NAME: Bukit Peninjau RID Rural Development NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:	
FINANCING	POSSIBILITIES OF FINANCING: 1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS	
	REFERENCES: 1: Supporting Report 2, Part II 2: 3: 4: 5:	

MAIN EFFECTS ON THE ENVIRONMENT: 162 farms and 50 farmers (RD) benefited.

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1978					10			10
1979					12			12
1980					12			12

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 6	NAME: Galash Rural Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORY BODIES	<input type="checkbox"/>
5: PUBLIC FUNDS	<input checked="" type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

1: Supporting Report 2, Part III

2:

3:

4:

5:

PLANNING

CONSTRUCTION

DERIVED OF
EFFECTS OF
FINANCING
THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 206 SECTOR: AGRICULTURE

PLANNING: AGRICULTURE
IMPLEMENTATION: AGRICULTURE
BUDGET: AGRICULTURE

NAME OF PROJECT: Management AXI - Galash (RD and Public)

DESCRIPTION: AXI management (RD and Public)

Quarters by 1980:
4 Class A
6 Class C
5 Class D

TOTAL INVESTMENT COSTS: \$266 000 INVESTMENT PERIOD: 1976 to 1979

INVESTMENT YEAR BY YEAR: \$'000

1: \$253	2: \$13	3:	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1: \$56	2: \$67	3: \$58	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT: 265 farms and 64 farmers benefited

YEAR	CONSTRUCTION			OPERATION			
	PROFESSIO- NALS	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1976				18			18
1979				22			22
1980				22			22

DERIVED OF
FROM
IMPLEMENTING
THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 7	NAME: Sabnash Rural Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>
2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>
4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input checked="" type="checkbox"/>
6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>
8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- 1: Supporting Report 2, Part III
- 2:
- 3:
- 4:
- 5:

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 209 SECTOR: AGRICULTURE

PLANNING: AGRICULTURE
IMPLEMENTATION: AGRICULTURE
BUDGET: AGRICULTURE

NAME OF PROJECT: Management ADU - Sabnash (Public and RB)

DESCRIPTION: ADU management (Public and RB)

- Quarters by 1980s
- 2 Class B
- 3 Class C
- 9 Class D

CONTENTS

TOTAL INVESTMENT COSTS: \$457 000 INVESTMENT PERIOD: 1976 to 1979

INVESTMENT YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT: 200 farmers will be benefited by 1982

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1976			Field workers 150			
1979			210			
1980			300			
1981			500			

DERIVED
EFFECTS
IMPLEMENTING
THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

Refer Bukit Peninjau Road Based Improvement Scheme

YEARLY PRODUCTION: Rubber peak production in year 1995 (1 540 tons of arc)
Cocon peak production in year 1987 (150 tons of abc)
Rice peak production in year 1986 (330 tons of paid)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 17	NAME: Tubau RD Rural Development
NO: 1	NAME:
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>

REFERENCES:

- Supporting Report 2, Part II
-
-
-
-

PROJECT NUMBER: 211

SECTOR: AGRICULTURE

PLANNING: AID
IMPLEMENTATION: PRIVATE
BUDGET: PRIVATE

NAME OF PROJECT: Clearing, planting and operating - Tubau Road Based Improvement Scheme

DESCRIPTION: Clearing, planting and operating of 3 270 acres
(Planting commences in 1979 and finishes in 1986)
Rubber - 2 270 acres
Cocon - 270 acres
Rice - 720 acres
Other crops - 460 acres
200 farmers

TOTAL INVESTMENT COSTS: \$2 817 000 INVESTMENT PERIOD: 1976 to 1986
(1976 to 1980 - \$ 962 000)

INVESTMENT YEAR BY YEAR: \$'000

1: \$96	2: \$170	3: \$416	4: \$515	5: \$526
6: \$291	7: \$215	8: \$116	9: \$92	10: \$54
11: \$16				

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:	
\$118	\$164	\$154	\$214	\$106	\$553	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675

REVENUES YEAR BY YEAR: \$'000

1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:	
\$167	\$250	\$316	\$316	\$79	\$654	\$116	\$1217	\$217	\$217	\$217	\$217	\$217	\$217	\$217	\$217	\$217	\$217	\$217	\$217	\$217

COSTS AND
REVENUES
(1973 PRICES)

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bukit Peninjau Road Based Improvement Scheme

LINKS

FINANCING

REFERENCES

IDENTIFICATION	PROJECT NUMBER: 212		SECTOR: AGRICULTURE																																																																																																											
	PLANNING: IMPLEMENTATION: } PRIVATE																																																																																																													
	NAME OF PROJECT: Clearing, planting and operating - Sungai Klad Area																																																																																																													
CONTENTS	<p>DESCRIPTION: Lamir-Sabis SDA Private Investor Clearing, planting and operating of 12 000 acres (Planting commences in 1979 and finishes in 1982)</p> <p>Oil palm - 8 500 acres Rubber - 2 500 acres Coconut - 500 acres Rice - 400 acres</p>																																																																																																													
	<p>TOTAL INVESTMENT COSTS: \$11 361 000 INVESTMENT PERIOD: 1976 to 1986 (1976 to 1980 - \$4 120 000)</p> <p>INVESTMENT YEAR BY YEAR: \$'000</p> <table border="1"> <tr><td>1:</td><td>\$306</td><td>2:</td><td>\$1 654</td><td>3:</td><td>\$2 160</td><td>4:</td><td>\$2 668</td><td>5:</td><td>\$2 372</td></tr> <tr><td>6:</td><td>\$1 082</td><td>7:</td><td>\$663</td><td>8:</td><td>\$232</td><td>9:</td><td>\$163</td><td>10:</td><td>\$104</td></tr> <tr><td>11:</td><td>\$17</td><td colspan="8"></td></tr> </table> <p>OPERATING COSTS YEAR BY YEAR: \$'000</p> <table border="1"> <tr><td>1:</td><td>2:</td><td>3:</td><td>\$13</td><td>4:</td><td>\$128</td><td>5:</td><td>\$1 080</td></tr> <tr><td>6:</td><td>\$1 761</td><td>7:</td><td>\$2 373</td><td>8:</td><td>\$2 704</td><td>9:</td><td>\$2 824</td><td>10:</td><td>\$2 914</td></tr> <tr><td>11:</td><td>\$3 062</td><td>12:</td><td>\$3 087</td><td>13:</td><td>\$3 087</td><td>14:</td><td>\$3 087</td><td>15:</td><td>\$3 087</td></tr> <tr><td>16:</td><td>\$3 087</td><td>17:</td><td>\$3 087</td><td>18:</td><td>\$3 087</td><td>19:</td><td>\$3 087</td><td>20:</td><td>\$3 087</td></tr> </table> <p>REVENUES YEAR BY YEAR: \$'000</p> <table border="1"> <tr><td>1:</td><td>2:</td><td>3:</td><td>\$27</td><td>4:</td><td>\$112</td><td>5:</td><td>\$800</td></tr> <tr><td>6:</td><td>\$1 889</td><td>7:</td><td>\$3 220</td><td>8:</td><td>\$4 702</td><td>9:</td><td>\$5 756</td><td>10:</td><td>\$6 378</td></tr> <tr><td>11:</td><td>\$6 723</td><td>12:</td><td>\$6 846</td><td>13:</td><td>\$6 846</td><td>14:</td><td>\$6 846</td><td>15:</td><td>\$6 846</td></tr> <tr><td>16:</td><td>\$6 846</td><td>17:</td><td>\$6 846</td><td>18:</td><td>\$6 846</td><td>19:</td><td>\$6 846</td><td>20:</td><td>\$6 846</td></tr> </table> <p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p>				1:	\$306	2:	\$1 654	3:	\$2 160	4:	\$2 668	5:	\$2 372	6:	\$1 082	7:	\$663	8:	\$232	9:	\$163	10:	\$104	11:	\$17									1:	2:	3:	\$13	4:	\$128	5:	\$1 080	6:	\$1 761	7:	\$2 373	8:	\$2 704	9:	\$2 824	10:	\$2 914	11:	\$3 062	12:	\$3 087	13:	\$3 087	14:	\$3 087	15:	\$3 087	16:	\$3 087	17:	\$3 087	18:	\$3 087	19:	\$3 087	20:	\$3 087	1:	2:	3:	\$27	4:	\$112	5:	\$800	6:	\$1 889	7:	\$3 220	8:	\$4 702	9:	\$5 756	10:	\$6 378	11:	\$6 723	12:	\$6 846	13:	\$6 846	14:	\$6 846	15:	\$6 846	16:	\$6 846	17:	\$6 846	18:	\$6 846	19:	\$6 846	20:	\$6 846
1:	\$306	2:	\$1 654	3:	\$2 160	4:	\$2 668	5:	\$2 372																																																																																																					
6:	\$1 082	7:	\$663	8:	\$232	9:	\$163	10:	\$104																																																																																																					
11:	\$17																																																																																																													
1:	2:	3:	\$13	4:	\$128	5:	\$1 080																																																																																																							
6:	\$1 761	7:	\$2 373	8:	\$2 704	9:	\$2 824	10:	\$2 914																																																																																																					
11:	\$3 062	12:	\$3 087	13:	\$3 087	14:	\$3 087	15:	\$3 087																																																																																																					
16:	\$3 087	17:	\$3 087	18:	\$3 087	19:	\$3 087	20:	\$3 087																																																																																																					
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6:	\$1 889	7:	\$3 220	8:	\$4 702	9:	\$5 756	10:	\$6 378																																																																																																					
11:	\$6 723	12:	\$6 846	13:	\$6 846	14:	\$6 846	15:	\$6 846																																																																																																					
16:	\$6 846	17:	\$6 846	18:	\$6 846	19:	\$6 846	20:	\$6 846																																																																																																					
	<p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Bukit Pesta Jua Road Based Improvement Scheme</p>																																																																																																													

IDENTIFICATION	PROJECT NUMBER: 212		SECTOR: AGRICULTURE																					
	PLANNING: IMPLEMENTATION: } PRIVATE																							
	NAME OF PROJECT: Clearing, planting and operating - Sungai Klad Area																							
CONTENTS	<p>DESCRIPTION: Lamir-Sabis SDA Private Investor Clearing, planting and operating of 12 000 acres (Planting commences in 1979 and finishes in 1982)</p> <p>Oil palm - 8 500 acres Rubber - 2 500 acres Coconut - 500 acres Rice - 400 acres</p>																							
DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	<p>INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)</p> <p>Refer Bukit Pesta Jua Road Based Improvement Scheme</p> <p>YEARLY PRODUCTION: Oil palm peak production in year 1990 (79 200 tons of ffd) Rubber peak production in year 1995 (2 000 tons of dry) Coconut peak production in year 1987 (550 tons of dry) Rice peak production in year 1986 (540 tons of paddy)</p> <p>NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:</p> <table border="1"> <tr><td>1:</td><td>2:</td><td>3:</td><td>4:</td><td>5:</td></tr> <tr><td>6:</td><td>7:</td><td>8:</td><td>9:</td><td>10:</td></tr> <tr><td>11:</td><td>12:</td><td>13:</td><td>14:</td><td>15:</td></tr> <tr><td>16:</td><td>17:</td><td>18:</td><td>19:</td><td>20:</td></tr> </table>				1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:
1:	2:	3:	4:	5:																				
6:	7:	8:	9:	10:																				
11:	12:	13:	14:	15:																				
16:	17:	18:	19:	20:																				
LINKS	<p>LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES</p> <p>307: 16 NAME: Sungai Klad</p> <p>308: NAME:</p> <p>309: NAME:</p> <p>310: NAME:</p> <p>311: NAME:</p> <p>312: NAME:</p>																							
FINANCING	<p>POSSIBILITIES OF FINANCING:</p> <p>15: FEDERAL GOVERNMENT</p> <p>35: LOCAL GOVERNMENT</p> <p>51: PUBLIC FUNDS</p> <p>71: PRIVATE FOREIGN LOANS</p> <p>21: STATE GOVERNMENT</p> <p>51: STATUTORY BODIES</p> <p>61: PRIVATE DOMESTIC SAVINGS</p> <p>81: PUBLIC FOREIGN LOANS</p>																							
REFERENCES	<p>REFERENCES:</p> <p>1: Supporting Report 2, Part II</p> <p>2:</p> <p>3:</p> <p>4:</p> <p>5:</p>																							

PROJECT NUMBER: 217 SECTOR: FORESTRY

DEPARTMENT: PLANNING: ID: PRIVATE

IMPLEMENTATION: PRIVATE

BUDGET: PRIVATE

NAME OF PROJECT: Fisal Logging - Telabit

DESCRIPTION: Salvage felling of forest land for agricultural cultivation where ordinary logging has taken place previous to the agricultural development.

- felling, skidding and loading

CONTENTS

TOTAL INVESTMENT COSTS: OPERATION PERIOD: 1978 to 1979

INVESTMENT YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: \$'000

- 1: \$1 090 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR: \$'000

- 1: \$1 660 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT:

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIONALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIONALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						2
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

4 tractors, saws, 1 loader

YEARLY PRODUCTION: 21 000 tons

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

- NO: 10 NAME: Telabit Rural Development
- NO: NAME:

FINANCING

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES

REFERENCES:

- 1: Supporting Report 3, Part I
- 2:
- 3:
- 4:
- 5:

IDENTIFICATION	PROJECT NUMBER: 218	SECTOR: HOUSING
	DEPARTMENT: PLANNING: IMPLEMENTATION: BUDGET: PRIVATE	
CONTENTS	NAME OF PROJECT: Housing in Tuban	
	DESCRIPTION: Number of houses = 20	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$417 000 INVESTMENT PERIOD: 1976 to 1980	
	INVESTMENT YEAR BY YEAR: \$'000	
	1: \$49	2: \$47
	3: \$49	4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:
	OPERATING COSTS YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	
	11 units \$ 5 000	
	6 units \$ 13 000	

DETAILED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT:							
	EMPLOYMENT:							
YEAR	CONSTRUCTION			OPERATION				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)							
	YEARLY PRODUCTION:							
	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:							
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:							
LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES							
	NO: 11	NAME: Tuban Town Development						
FINANCING	POSSIBILITIES OF FINANCING:							
	1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT						
REFERENCES	REFERENCES:							
	1: Supporting Report 6, Part V							

MAIN EFFECTS ON THE ENVIRONMENT: Links Tolabit with the whole road network system

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFES- SIONALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFES- SIONALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						1

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 10 NAME: Tolabit Rural Development

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 7
- 2: Supporting Report 6, Part II

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 219 A SECTOR: TRANSPORT

DEPARTMENT: PLANNING: IMPLEMENTATION: } PWD
BUDGET:

NAME OF PROJECT: Tolabit road

DESCRIPTION: Improved feeder road standard
Total length - 2 miles
Width of formation - 30 feet
Pavement - 18 feet
Surface - gravel

TOTAL INVESTMENT COSTS: \$300 000 INVESTMENT PERIOD: 1979

INVESTMENT YEAR BY YEAR: 1978

1: \$300 000	2:	3:	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: 1979

1: \$10 000	2: \$10 000	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

1 mile - \$150 000

MAIN EFFECTS ON THE ENVIRONMENT: Opens up Sungai Klid area for agricultural development

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

- NO: 16 NAME: Sungai Klid Rural Development
- NO: NAME:
- NO: NAME:
- NO: NAME:
- NO: NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 7
- 2: Supporting Report 6, Part II
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 219 B SECTOR: TRANSPORT

PLANNING: }
 INVESTIGATION: } PWD
 BUDGET: }

NAME OF PROJECT: Access road - Sungai Klid Area

DESCRIPTION: Feeder road standard
 Total length - 27 miles
 Width of formation - 26 feet
 Pavement - 11 feet
 Surface - gravel

TOTAL INVESTMENT COSTS: \$24 000 INVESTMENT PERIOD: 1978

INVESTMENT YEAR BY YEAR: 1978

- 1: \$24 000 2: 3: 4: 5:
- 6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: 1979

- 1: \$13 500 2: \$13 500 3: \$13 500 4: \$12 000 5: \$13 500
- 6: \$13 500 7: \$13 500 8: \$12 000 9: etc 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:
 1 mile - \$120 000

PROJECT NUMBER: 221 SECTOR: TRANSPORT

PLANNING: IMPLEMENTATION: } FWD
 BUDGET:

NAME OF PROJECT: Improvement of Miri Port

DESCRIPTION: Deepening the entrance channel by constructing a training wall
 Provisional estimate of costs and investment period

TOTAL INVESTMENT COSTS: \$4,000,000 INVESTMENT PERIOD: 1978 to 1979

INVESTMENT YEAR BY YEAR: \$'000

1: \$2,000	2: \$2,000	3:	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

IDENTIFICATION

CONTENTS

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

MAIN EFFECTS ON THE ENVIRONMENT: Improving the port facilities in Miri

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1	NAME: Miri Town Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORY BODIES	<input type="checkbox"/>
5: PUBLIC FUNDS	<input type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>

REFERENCES:

1: Deep Water Port Study
2:
3:
4:
5:

MAIN EFFECTS ON THE ENVIRONMENT: Serves a population threshold of more than 5 000

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						5
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO:	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 6, Part I
- 2:
- 3:
- 4:
- 5:

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 222 SECTOR: PUBLIC SERVICES

PLANNING: DC
IMPLEMENTATION: PRO
BUDGET: DC

NAME OF PROJECT: Sub district fire brigade

DESCRIPTION: Building and parking for engines
Car park and roads
Fire engine
Quarters
Electricity and water
Fencing
Ancillary equipment
Land requirements - 0,8 acre

TOTAL INVESTMENT COSTS: \$151 000 INVESTMENT PERIOD: 1 year

INVESTMENT YEAR BY YEAR:

- 1: \$151 000 2: 3: 4: 5:
- 6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR:

- 1: \$16 000 2: \$16 000 3: \$16 000 4: \$16 000 5: \$16 000
- 6: \$16 000 7: \$16 000 8: \$16 000 9: \$16 000 10: \$16 000
- 11: \$16 000 12: \$16 000 13: \$16 000 14: \$16 000 15: \$16 000
- 16: \$16 000 17: \$16 000 18: \$16 000 19: \$16 000 20: \$16 000

REVENUES YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Building	25 000
Road	1 000
Car park	1 500
Fire engine	26 000
Quarters	5 800
Water supply	1 000
Electricity	1 000
Ancillary equipment	1 000

COSTS AND REVENUES (1973 PRICES)

MAIN EFFECTS ON THE ENVIRONMENT: Improve public health services in Bintulu District

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 2	NAME: Bintulu Teen Development
NO: 1	NAME:
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:
NO: 6	NAME:
NO: 7	NAME:
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>
2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input checked="" type="checkbox"/>
4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>
6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>
8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- 1: Supporting Report 5
- 2:
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 223 SECTOR: PUBLIC SERVICES

PLANNING: M.D.11
IMPLEMENTATION: PWD
BUDGET: M

NAME OF PROJECT: General Hospital - Bintulu

DESCRIPTION: New General, possibly later Regional University Hospital located in the Bintulu - Tanjong Klingong area (close to the University)
Investment costs estimated at \$6 million of which \$5 million in the Action Programme period.
Provision estimate of costs, employment and investment period.

TOTAL INVESTMENT COSTS: \$6 000 000 INVESTMENT PERIOD: 1976 to 1981

INVESTMENT YEAR BY YEAR: \$'000

1:	\$2 000	2:	\$2 000	3:	\$2 000	4:	\$2 000	5:	
6:		7:		8:		9:		10:	

OPERATING COSTS YEAR BY YEAR:

1:		2:	3:	4:	5:
6:		7:	8:	9:	10:
11:		12:	13:	14:	15:
16:		17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:		2:	3:	4:	5:
6:		7:	8:	9:	10:
11:		12:	13:	14:	15:
16:		17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of 900 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 9	NAME: Sebauh Town Development
NO: 10	NAME:
NO: 11	NAME:
NO: 12	NAME:
NO: 13	NAME:
NO: 14	NAME:
NO: 15	NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT
3: LOCAL GOVERNMENT	4: STATUTORY BODIES
5: PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS	8: PUBLIC FOREIGN LOANS

REFERENCES:

- Supporting Report 5
- Supporting Report 6, Part III
-
-
-

DERIVED OF EFFECTS IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 224 SECTOR: PUBLIC UTILITIES

PLANNING: DEPARTMENT } TELECOMS
IMPLEMENTATION: }
BUDGET: }

NAME OF PROJECT: Telecommunications - Sebauh

DESCRIPTION: Between 25-50 lines
The project is only specified for the Action Programme period.
1 building for station and office
Exchange equipment
Transport and maintenance equipment
TWP
1 Class IV quarters

TOTAL INVESTMENT COSTS: \$12 000 INVESTMENT PERIOD: 1976 to 1980

INVESTMENT YEAR BY YEAR:

1: \$11 000	2:	3: \$1 000	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: 1978

1: \$19 000	2: \$19 000	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Building	\$ 30 000
Exchange equipment	50 000
External lines	4 000
Transport and maintenance equipment	40 000
1 Class IV quarters	20 000

COSTS AND REVENUES (1973 PRICES)

MAIN EFFECTS ON THE ENVIRONMENT:									
EMPLOYMENT:									
YEAR	CONSTRUCTION			OPERATION			TOTAL	UNSKILLED	TOTAL
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED			
1									
2									
3									
4									
5									3
6									3
7									3
8									
9									
10									

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 2	NAME: Lambir-Sabis North Rural Development
NO: 1	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT
2:	STATE GOVERNMENT
3:	LOCAL GOVERNMENT
4:	STATUTORY BODIES
5:	PUBLIC FUNDS
6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS
8:	PUBLIC FOREIGN LOANS

REFERENCES:

1:	Supporting Report 5
2:	Supporting Report 6, Part III
3:	
4:	
5:	

PROJECT NUMBER: 225		SECTOR: PUBLIC UTILITIES	
DEPARTMENT		TELECOMS	
PLANNING: IMPLEMENTATION: BUDGET:		TELECOMS	
NAME OF PROJECT: Telecommunications - Lambir-Sabis North			
<p>DERIVED FROM THE PROJECTS REPRESENTING THE PROJECT</p> <p>DESCRIPTION: 99 lines for the SMP village, Bukit Pesisiran and Ladang Rapat. The project is only specified for the Action Programme period. 3 buildings for station and offices. Exchange equipment. Transport and maintenance equipment. 3 YIP. 3 Class IV quarters.</p>			
TOTAL INVESTMENT COSTS: \$454 000		INVESTMENT PERIOD: 1976 to 1980	
INVESTMENT YEAR BY YEAR: 1976			
1: \$288 000	2:	3: \$166 000	4: 5:
6:	7:	8:	9: 10:
OPERATING COSTS YEAR BY YEAR: 1976			
1: \$38 000	2: \$38 000	3: \$38 000	4: 5:
6:	7:	8:	9: 10:
11:	12:	13:	14: 15:
16:	17:	18:	19: 20:
REVENUES YEAR BY YEAR:			
1:	2:	3:	4: 5:
6:	7:	8:	9: 10:
11:	12:	13:	14: 15:
16:	17:	18:	19: 20:
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS			
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:		\$	
Building lines per village	30 000	Exchange equipment	6 000
Other equipment	40 000	Transport and maintenance equipment	40 000
Quarters	20 000		20 000

IDENTIFICATION	PROJECT NUMBER: 226	SECTOR: PUBLIC UTILITIES
	PLANNING: IMPLEMENTATION: } BUDGET: TELCOMS	
	NAME OF PROJECT: Telecommunications - Beluru	
CONTENTS	DESCRIPTION: Between 25 to 50 lines The project is only specified for the Action Programme period. 1 building for station and office Exchange equipment Transport and maintenance equipment 1 Class IV quarters	
	TOTAL INVESTMENT COSTS: \$142 000	INVESTMENT PERIOD: 1978 to 1980
	INVESTMENT YEAR BY YEAR: 1: \$41 000 2: 3: \$1 000 4: 5: 6: 7: 8: 9: 10:	OPERATING COSTS YEAR BY YEAR: 1978 1: \$19 000 2: \$19 000 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	
	Building 30 000	
	External lines 4 000	
	Exchange equipment 20 000	
	Transport and maintenance equipment 40 000	
	VHF 20 000	
	1 Class IV quarters	

MAIN EFFECTS ON THE ENVIRONMENT: Serves a total population of 1 000

YEAR	CONSTRUCTION			OPERATION			
	PROFESSIO- NALS	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1							
2							
3							
4							2
5							2
6							2
7							
8							
9							
10							

DERIVED OF EFFECTS IMPLEMENTING THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 6 NAME: Beluru Town Development

NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
2: STATE GOVERNMENT
3: LOCAL GOVERNMENT
4: STATUTORY BODIES
5: PUBLIC FUNDS
6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS
8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 5
2: Supporting Report 6, Part III
3:
4:
5:

MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of 1 000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 7	NAME: Bekani Town Development
NO: 1	NAME:
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:
NO: 6	NAME:
NO: 7	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>
2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>
4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>
6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>
8:	PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED
EFFECTS OF
IMPLEMENTING
THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 227 SECTOR: PUBLIC UTILITIES

DEPARTMENT: TELECOMS
PLANNING: IMPLEMENTATION: BUDGET:

NAME OF PROJECT: Telecommunications - Bekani

DESCRIPTION: Between 25 to 50 lines
The project is only specified for the Action Programme period.
1. building for station and office
2. maintenance equipment
3. Class IV quarters
4. Exchange equipment
VIB

TOTAL INVESTMENT COSTS: \$112 000 INVESTMENT PERIOD: 1978 to 1980

INVESTMENT YEAR BY YEAR:

1:	\$11 000	2:	\$1 000	3:	\$1 000	4:	5:
6:	7:	8:	9:	10:	11:	12:	13:

OPERATING COSTS YEAR BY YEAR:

1:	\$19 000	2:	\$19 000	3:	4:	5:
6:	7:	8:	9:	10:	11:	12:
13:	14:	15:	16:	17:	18:	19:
20:	21:	22:	23:	24:	25:	26:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Building	30 000
External lines	4 000
Transport and maintenance equipment	20 000
Exchange equipment	50 000
Class IV quarters	20 000

COSTS AND
REVENUES
(1973 PRICES)

IDENTIFICATION	PROJECT NUMBER: 228	SECTOR: PUBLIC UTILITIES																																																					
	DEPARTMENT	PLANNING: } IMPLEMENTATION: } BUDGET: } SSSD																																																					
	NAME OF PROJECT: Electricity - Sebua																																																						
CONTENTS	DESCRIPTION: Plant of 60 MW The project is only specified for the Action Programs period.																																																						
	<p>TOTAL INVESTMENT COSTS: \$120 000 INVESTMENT PERIOD: 1976</p> <p>INVESTMENT YEAR BY YEAR:</p> <table border="0"> <tr><td>1: \$120 000</td><td>2:</td><td>3:</td><td>4:</td><td>5:</td></tr> <tr><td>6:</td><td>7:</td><td>8:</td><td>9:</td><td>10:</td></tr> </table> <p>OPERATING COSTS YEAR BY YEAR: 1979</p> <table border="0"> <tr><td>1: \$15 000</td><td>2: \$16 000</td><td>3:</td><td>4:</td><td>5:</td></tr> <tr><td>6:</td><td>7:</td><td>8:</td><td>9:</td><td>10:</td></tr> <tr><td>11:</td><td>12:</td><td>13:</td><td>14:</td><td>15:</td></tr> <tr><td>16:</td><td>17:</td><td>18:</td><td>19:</td><td>20:</td></tr> </table> <p>REVENUES YEAR BY YEAR:</p> <table border="0"> <tr><td>1:</td><td>2:</td><td>3:</td><td>4:</td><td>5:</td></tr> <tr><td>6:</td><td>7:</td><td>8:</td><td>9:</td><td>10:</td></tr> <tr><td>11:</td><td>12:</td><td>13:</td><td>14:</td><td>15:</td></tr> <tr><td>16:</td><td>17:</td><td>18:</td><td>19:</td><td>20:</td></tr> </table> <p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p> <p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:</p> <table border="0"> <tr><td>60 MW set</td><td>\$ 41 000</td></tr> <tr><td>Distribution, etc</td><td>36 000</td></tr> </table>		1: \$120 000	2:	3:	4:	5:	6:	7:	8:	9:	10:	1: \$15 000	2: \$16 000	3:	4:	5:	6:	7:	8:	9:	10:	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:	1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:	60 MW set	\$ 41 000	Distribution, etc
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Distribution, etc	36 000																																																						

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	<p>EMPLOYMENT: 1979</p> <table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> <th rowspan="2">TOTAL</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>										YEAR	CONSTRUCTION			OPERATION			TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	1								2								3								4								5							2	6							2	7								8								9								10							
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LINKS	<p>INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)</p> <p>YEARLY PRODUCTION:</p> <p>NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:</p> <table border="0"> <tr><td>1:</td><td>2:</td><td>3:</td><td>4:</td><td>5:</td></tr> <tr><td>6:</td><td>7:</td><td>8:</td><td>9:</td><td>10:</td></tr> <tr><td>11:</td><td>12:</td><td>13:</td><td>14:</td><td>15:</td></tr> <tr><td>16:</td><td>17:</td><td>18:</td><td>19:</td><td>20:</td></tr> </table> <p>LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES</p> <table border="0"> <tr><td>NO: 9</td><td>NAME: Sebua Town Development</td></tr> <tr><td>NO:</td><td>NAME:</td></tr> <tr><td>NO:</td><td>NAME:</td></tr> <tr><td>NO:</td><td>NAME:</td></tr> <tr><td>NO:</td><td>NAME:</td></tr> <tr><td>NO:</td><td>NAME:</td></tr> </table>										1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:	NO: 9	NAME: Sebua Town Development	NO:	NAME:																																																																						
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FINANCING	<p>POSSIBILITIES OF FINANCING:</p> <table border="0"> <tr><td>1: FEDERAL GOVERNMENT</td><td>2: STATE GOVERNMENT</td></tr> <tr><td>3: LOCAL GOVERNMENT</td><td>4: STATUTORY BODIES</td></tr> <tr><td>5: PUBLIC FUNDS</td><td>6: PRIVATE DOMESTIC SAVINGS</td></tr> <tr><td>7: PRIVATE FOREIGN LOANS</td><td>8: PUBLIC FOREIGN LOANS</td></tr> </table>										1: FEDERAL GOVERNMENT	2: STATE GOVERNMENT	3: LOCAL GOVERNMENT	4: STATUTORY BODIES	5: PUBLIC FUNDS	6: PRIVATE DOMESTIC SAVINGS	7: PRIVATE FOREIGN LOANS	8: PUBLIC FOREIGN LOANS																																																																																						
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5:																																																																																																								

MAIN EFFECTS ON THE ENVIRONMENT: Serves the Mera-a population of 1,300 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED
1						
2						
3						
4						
5						1
6						1
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (c), OPERATION (c)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 3	NAME: Mera-a Rural Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input checked="" type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

RECEIVED
OFFICE OF
IMPLEMENTING
THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 229 SECTOR: PUBLIC UTILITIES

PLANNING: }
DEPARTMENT }
BUDGET: } SECO

NAME OF PROJECT: Electricity - Mera-a

DESCRIPTION: Medium output power to be 60 MW
The project is only specified for the Action Programme period.
1 Generator
1 Distribution system

TOTAL INVESTMENT COSTS: \$120 000 INVESTMENT PERIOD: 1976 to 1980

INVESTMENT YEAR BY YEAR: 1976

1: \$60 000	2:	3: \$60 000	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: 1979

1: \$6 000	2: \$11 000	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of 1 000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

DERIVED OF
EFFECTS OF
IMPLEMENTING
THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 6	NAME: Beluru Town Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>
2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>
4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>
6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>
8:	PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

PROJECT NUMBER: 230 A SECTOR: PUBLIC UTILITIES

DEPARTMENT: PLANNING: IMPLEMENTATION: } SSSCO
BUDGET:

NAME OF PROJECT: Electricity - Beluru

DESCRIPTION: Plant of 60 MW
The project is only specified for the Action Programme period.

CONTENTS

TOTAL INVESTMENT COSTS: \$120 000 INVESTMENT PERIOD: 1976

INVESTMENT YEAR BY YEAR:

1:	\$120 000	2:	3:	4:	5:
6:		7:	8:	9:	10:
					10:

OPERATING COSTS YEAR BY YEAR: 1979

1:	\$15 000	2:	\$16 000	3:	4:	5:
6:		7:		8:	9:	10:
11:		12:	13:	14:	15:	15:
16:		17:	18:	19:	20:	20:

REVENUES YEAR BY YEAR:

1:		2:	3:	4:	5:
6:		7:	8:	9:	10:
11:		12:	13:	14:	15:
16:		17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

60 MW set \$ 41 000
Distribution, etc. 36 000

LINKS

FINANCING

REFERENCES

MAIN EFFECTS ON THE ENVIRONMENT: Serious Bakenu and surroundings

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						2
6						
7						2
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION: From 110 Mwh per year in 1975 to 460 Mwh per year in 1990

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO: 7	Bakenu Town Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT
3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES
5:	PUBLIC FUNDS	6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED OF EFFECTS IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 230 B

SECTOR: PUBLIC UTILITIES

PLANNING: }
IMPLEMENTATION: }
BUDGET: } SESCO

NAME OF PROJECT: Electricity - Bakenu

DESCRIPTION: Total capacity to be 220 MW by 1980
The project is only specified for the Action Programme period.
1 set of 60 MW (existing)
1 set of 100 MW (new)
1 set of 60 MW (new)

TOTAL INVESTMENT COSTS: \$15 000

INVESTMENT PERIOD: 1978

INVESTMENT YEAR BY YEAR:

1:	\$15 000	2:		3:		4:		5:	
6:		7:		8:		9:		10:	

OPERATING COSTS YEAR BY YEAR: 1979

1:	\$32 000	2:	\$41 000	3:		4:		5:	
6:		7:		8:		9:		10:	
11:		12:		13:		14:		15:	
16:		17:		18:		19:		20:	

REVENUES YEAR BY YEAR:

1:		2:		3:		4:		5:	
6:		7:		8:		9:		10:	
11:		12:		13:		14:		15:	
16:		17:		18:		19:		20:	

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

1 set 60 MW - \$41 000
1 set 100 MW - \$65 000
Rate of operation per kWh - \$0.14
Rate of supply per kWh - \$0.28

IDENTIFICATION	PROJECT NUMBER: Z31	SECTOR: PUBLIC UTILITIES
	DEPARTMENT: PLANNING: } Implementation: } PWD	
CONTENTS	NAME OF PROJECT: Sewerage - Schaub	
	DESCRIPTION: Small community system and septic tanks The project is only specified for the Action Programme period.	
COSTS AND REVENUES (1973 PRICES)	INVESTMENT PERIOD: 1976 to 1980	
	TOTAL INVESTMENT COSTS: \$114 000	
REFERENCES	INVESTMENT YEAR BY YEAR:	
	1: \$21 000 2: \$46 000 3: \$47 000 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
REFERENCES	OPERATING COSTS YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
REFERENCES	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
REFERENCES	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Septic tanks per head \$ 210 Community system per head 250	

MAIN EFFECTS ON THE ENVIRONMENT: Serve a population of Schaub (1 000 by 1980)

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIONALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIONALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

DEPRIVED EFFECTS OF IMPLEMENTING THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
 6: 7: 8: 9: 10:
 11: 12: 13: 14: 15:
 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 9 NAME: Schaub Town Development
 NO: NAME:
 NO: NAME:
 NO: NAME:
 NO: NAME:
 NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
 2: STATE GOVERNMENT
 3: LOCAL GOVERNMENT
 4: STATUTORY BODIES
 5: PUBLIC FUNDS
 6: PRIVATE DOMESTIC SAVINGS
 7: PRIVATE FOREIGN LOANS
 8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 5
 2: Supporting Report 6, Part III
 3:
 4:
 5:

PROJECT NUMBER: 232 SECTOR: PUBLIC UTILITIES

DEPARTMENT: PLANNING: IMPLEMENTATION: } PND
BUDGET:

NAME OF PROJECT: Sewerage - Sebana

DESCRIPTION: Latrines for the population and septic tanks for the shops and school.
The project is only specified for the Action Programme period.

IDENTIFICATION

CONTENTS

TOTAL INVESTMENT COSTS: \$43,000 INVESTMENT PERIOD: 1978 to 1979

INVESTMENT YEAR BY YEAR: 1978

1: \$15,000 2: \$29,000 3: 4: 5:
6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: 1979

1: \$1,100 2: \$1,100 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Latrines at \$16 per head
Septic tanks at \$210 per head

MAIN EFFECTS ON THE ENVIRONMENT: Serves the population of Sebana (1,500 by 1980)

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 7 NAME: Sebana, Rural Development
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
2: STATE GOVERNMENT
3: LOCAL GOVERNMENT
4: STATUTORY BODIES
5: PUBLIC FUNDS
6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS
8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 5
2: Supporting Report 6, Part III
3:
4:
5:

MAIN EFFECTS ON THE ENVIRONMENT: Serves the village of Lanus (population 1 900 by 1960)

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 8	NAME: Lanus Rural Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>
2:	STATE GOVERNMENT	<input checked="" type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>
4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>
6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>
8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

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- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 233 SECTOR: PUBLIC UTILITIES

DEPARTMENT: PLANNING: IMPLEMENTATION: } PND
BUDGET:

NAME OF PROJECT: Sewerage - Lanus

DESCRIPTION: Latrines for the population and septic tanks for the shops and school
The project is only specified for the action programme period.

CONTENTS

TOTAL INVESTMENT COSTS: \$57 000 INVESTMENT PERIOD: 1976 to 1980

INVESTMENT YEAR BY YEAR: 1976

1:	\$12 000	2:	\$12 000	3:	\$13 000	4:	5:
6:	7:	8:	9:	10:	11:	12:	13:

OPERATING COSTS YEAR BY YEAR: 1980

1:	\$1 400	2:	3:	4:	5:
6:	7:	8:	9:	10:	11:
12:	13:	14:	15:	16:	17:
18:	19:	20:	21:	22:	23:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Latrines at \$18 per head
Septic tanks at \$210 per head

MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of 1,000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:
NO: 6	NAME: Boloro Town Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>
2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>
4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>
6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input checked="" type="checkbox"/>
8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 234

SECTOR: PUBLIC UTILITIES

PLANNING: IMPLEMENTATION: } FWD
BUDGET: }

NAME OF PROJECT: Sewerage - Boloro

DESCRIPTION: Small community system and septic tanks
The project is only specified for the Action Programme period.

CONTENTS

TOTAL INVESTMENT COSTS: \$144,000 INVESTMENT PERIOD: 1976 to 1980

INVESTMENT YEAR BY YEAR:

1: \$2,000	2: \$46,000	3: \$47,000	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

OPERATING COSTS YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Septic tanks per head - \$210
Community system per head - \$240

COSTS AND REVENUES (1973 PRICES)

MAIN EFFECTS ON THE ENVIRONMENT: Serve a population of 1 000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES:

NO: 7	NAME: Bekenu Town Development
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:
NO: 11	NAME:
NO: 12	NAME:
NO: 13	NAME:
NO: 14	NAME:
NO: 15	NAME:
NO: 16	NAME:
NO: 17	NAME:
NO: 18	NAME:
NO: 19	NAME:
NO: 20	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED OF
IMPLEMENTING
THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 205 SECTOR: PUBLIC UTILITIES

PLANNING: }
IMPLEMENTATION: } PWD
BUDGET: }

NAME OF PROJECT: Sewerage - Bekenu

DESCRIPTION: Small community system
The project is only specified for the Action Programme period.

TOTAL INVESTMENT COSTS: \$144 000 INVESTMENT PERIOD: 1978 to 1980

INVESTMENT YEAR BY YEAR:

1: \$51 000	2: \$46 000	3: \$47 000	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Community system per head	\$ 240
Septic tanks per head	210

IDENTIFICATION

CONTENTS

COSTS AND
REVENUES
(1973 PRICES)

MAIN EFFECTS ON THE ENVIRONMENT: Serves a total population of 1 000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 6	NAME: Beluru Town Development
NO: 7	NAME:
NO: 8	NAME:
NO: 9	NAME:
NO: 10	NAME:
NO: 11	NAME:
NO: 12	NAME:
NO: 13	NAME:
NO: 14	NAME:
NO: 15	NAME:
NO: 16	NAME:
NO: 17	NAME:
NO: 18	NAME:
NO: 19	NAME:
NO: 20	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 256 SECTOR: PUBLIC UTILITIES

PLANNING: IMPLEMENTATION: DC/SSCO
BUDGET:

NAME OF PROJECT: Cleansing, refuse disposal, street lighting - Beluru

DESCRIPTION: Monsoon drains
Cleansing department
Street lighting
Street drains

TOTAL INVESTMENT COSTS: \$29 000 INVESTMENT PERIOD: 1976 to 1980

INVESTMENT YEAR BY YEAR: 1976

1: \$8 000	2: \$13 000	3: \$8 000	4: 5:
6:	7:	8:	9: 10:

OPERATING COSTS YEAR BY YEAR: 1976

1: \$7 000	2: \$7 000	3: \$7 000	4: 5:
6:	7:	8:	9: 10:
11:	12:	13:	14: 15:
16:	17:	18:	19: 20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4: 5:
6:	7:	8:	9: 10:
11:	12:	13:	14: 15:
16:	17:	18:	19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Monsoon drains at - \$20 per head
Lined roadside drains at - \$60 per head
Trailer - \$5 000

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

MAIN EFFECTS ON THE ENVIRONMENT: Serves a total population of 1 000 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 7	NAME: Bekano Town Development
NO:	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 237 SECTOR: PUBLIC UTILITIES

DEPARTMENT: }
PLANNING: }
IMPLEMENTATION: } DC/SSCO

NAME OF PROJECT: Cleansing, refuse disposal, street lighting - Bekano

DESCRIPTION: Monsoon drains
Cleansing department
Lined roadside drains
Street lighting

The project is only specified for the Action Programme period.

CONTENTS

TOTAL INVESTMENT COSTS: \$29 000 INVESTMENT PERIOD: 1978 to 1980

INVESTMENT YEAR BY YEAR: 1978

1: \$8 000	2: \$13 000	3: \$5 000	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: 1979

1: \$7 000	2: \$7 000	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Monsoon drains at - \$20 per head
Lined roadside drains at - \$50 per head
Trailer - \$5 000

MAIN EFFECTS ON THE ENVIRONMENT: Serious a population of 900 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CERICAL SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 9	NAME: Sebauh Town Development
NO: 10	NAME:
NO: 11	NAME:
NO: 12	NAME:
NO: 13	NAME:
NO: 14	NAME:
NO: 15	NAME:
NO: 16	NAME:
NO: 17	NAME:
NO: 18	NAME:
NO: 19	NAME:
NO: 20	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

IDENTIFICATION

PROJECT NUMBER: 238 SECTOR: PUBLIC UTILITIES

DEPARTMENT: DC
PLANNING: SSKD
IMPLEMENTATION: SSKD
BUDGET:

NAME OF PROJECT: Cleansing, refuse disposal, street lighting - Sebauh

DESCRIPTION: Monsoon drains
Cleansing department
Lined roadside drains
Street lighting

CONTENTS

TOTAL INVESTMENT COSTS: \$29 000 INVESTMENT PERIOD: 1978 to 1980

INVESTMENT YEAR BY YEAR: 1978 +

1:	\$5 000	2:	\$13 000	3:	\$8 000	4:	5:
6:	7:	8:	9:	10:			

OPERATING COSTS YEAR BY YEAR: 1978

1:	\$7 000	2:	\$7 000	3:	\$7 000	4:	5:
6:	7:	8:	9:	10:			
11:	12:	13:	14:	15:			
16:	17:	18:	19:	20:			

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Monsoon drains at - \$20 per head
Lined roadside drains at - \$50 per head

MAIN EFFECTS ON THE ENVIRONMENT: 258 farms benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED
1979			Field workers			Field workers
1980			61			
1981			298			
1982			407			27
1983			279			27
1984			234			87
1985			88			252
1986			47			262
1987			42			225
						267

DERIVED OF EFFECTS OF IMPLEMENTING THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)
Refer Bukit Peninjau Road Based Improvement Scheme

YEARLY PRODUCTION: Oil palm peak production in year 1989 (22,100 tons of fb)
peak production in year 1994 (1,100 tons of drc)
Rubber peak production in year 1986 (110 tons of drc)
Cocoa peak production in year 1985 (225 tons of pdrl)
Rice

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 10	NAME: Teabit Rural Development
NO: 19	NAME: Bukit Peninjau Road Based Improvement Project
NO: 1	NAME:
NO: 2	NAME:
NO: 3	NAME:
NO: 4	NAME:
NO: 5	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>

REFERENCES:

1:	Supporting Report 2, Part II
2:	
3:	
4:	
5:	

PROJECT NUMBER: 239

SECTOR: AGRICULTURE

PLANNING: SUB-IMPLEMENTATION: SUB-
BUDGET: SUB-

NAME OF PROJECT: Clearing, planting and operating of 4,165 acres - small holder scheme

DESCRIPTION: Clearing, planting and operating of 4,165 acres - small holder scheme
Oil palm - 2,455 acres
Rubber - 1,160 acres
Rice - 180 acres

TOTAL INVESTMENT COSTS: \$4,167,000 (1979 to 1980 - \$ 690,000)

INVESTMENT YEAR BY YEAR: \$'000

1:	\$54	2:	\$656	3:	\$1,704	4:	\$775	5:	\$793
6:	\$151	7:	\$127	8:	\$189	9:	\$138	10:	

OPERATING COSTS YEAR BY YEAR: \$'000

1:		2:		3:	\$21	4:	\$21	5:	\$197
6:	\$723	7:	\$727	8:	\$680	9:	\$940	10:	\$1,044
11:	\$1,021	12:	\$1,036	13:	\$1,042	14:	\$1,072	15:	\$1,076
16:	\$1,084	17:		18:		19:		20:	

REVENUES YEAR BY YEAR: \$'000

1:		2:		3:	\$70	4:	\$70	5:	\$201
6:	\$950	7:	\$1,274	8:	\$1,523	9:	\$1,905	10:	\$2,132
11:	\$2,256	12:	\$2,323	13:	\$2,360	14:	\$2,395	15:	\$2,427
16:	\$2,451	17:		18:		19:		20:	

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bukit Peninjau Road Based Improvement Scheme

MAIN EFFECTS ON THE ENVIRONMENT: 268 farms benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1979				1		1
1980				11		11

DERIVED
EFFECTS OF
IMPLEMENTING
THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 10 NAME: Tolabit Rural Development
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
2: STATE GOVERNMENT
3: LOCAL GOVERNMENT
4: STATUTORY BODIES
5: PUBLIC FUNDS
6: PRIVATE DOMESTIC SAVINGS
7: PRIVATE FOREIGN LOANS
8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 2, Part III
2:
3:
4:
5:

PROJECT NUMBER: 240 SECTOR: AGRICULTURE

FLANNING: SLDB
IMPLEMENTATION: SLDB
BUDGET: SLDB

NAME OF PROJECT: Management SLDB - Tolabit Area

DESCRIPTION: SLDB management of 4,165 acres of cropped land

CONTENTS

TOTAL INVESTMENT COSTS: \$82,000 INVESTMENT PERIOD: 1979 to 1980

INVESTMENT YEAR BY YEAR: \$'000

1: \$10 2: \$72 3: 4: 5:
6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: \$'000

1: \$7 2: \$75 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

LINKS

FINANCING

REFERENCE

IDENTIFICATION	PROJECT NUMBER: 241	SECTOR: AGRICULTURE
	PLANNING: AGRICULTURE	
	IMPLEMENTATION: ADU AGRICULTURE	
NAME OF PROJECT: Management ADU - Lamsau (Public and RD)		

DESCRIPTION: ADU management
 Quarters by 1980
 2 Class B
 9 Class C
 9 Class D

TOTAL INVESTMENT COSTS: \$413 000 INVESTMENT PERIOD: 1979 to 1980

INVESTMENT YEAR BY YEAR: \$'000		4:	5:
1: \$403	2: \$10	3:	10:
6:	7:	8:	19:

OPERATING COSTS YEAR BY YEAR: \$'000

1: \$93	2: \$103	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

MAIN EFFECTS ON THE ENVIRONMENT: 32 farmers and 331 farms benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION				
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1979					19			19
1980					20			20

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 6	NAME: Lamsau Rural Development
NO:	NAME:

FINANCING

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT	<input type="checkbox"/>	2: STATE GOVERNMENT	<input type="checkbox"/>
3: LOCAL GOVERNMENT	<input type="checkbox"/>	4: STATUTORY BODIES	<input type="checkbox"/>
5: PUBLIC FUNDS	<input checked="" type="checkbox"/>	6: PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7: PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8: PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES

REFERENCES:

- Supporting Report 2, Part III
-
-
-
-

IDENTIFICATION	PROJECT NUMBER: 212	SECTOR: AGRICULTURE
	DEPARTMENT	PLANNING: AID IMPLEMENTATION: PRIVATE BUDGET: PRIVATE
CONTENTS	NAME OF PROJECT: Clearing, planting and operating - Gaisah Road Based Improvement Scheme	
	DESCRIPTION: Clearing, planting and operating of 1 155 acres (Planting commences in 1980 and finishes in 1982) Oil palm - 395 acres Rubber - 165 acres Coconut - 50 acres Other crops - 115 acres 50 farmers	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$651 000 (1979 to 1980 - \$197 000)	
	INVESTMENT YEAR BY YEAR: \$'000 1: \$32 2: \$165 3: \$190 4: \$222 5: \$101 6: \$53 7: \$39 8: \$28 9: \$16 10: \$5	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: \$'000 1: \$99 2: \$99 3: \$111 4: \$26 5: \$90 6: \$131 7: \$160 8: \$156 9: \$230 10: \$271 11: \$283 12: \$283 13: \$283 14: \$283 15: \$283 16: \$283 17: \$283 18: \$283 19: \$283 20: \$283	
	REVENUES YEAR BY YEAR: \$'000 1: 2: 3: \$11 4: \$26 5: \$90 6: \$154 7: \$216 8: \$333 9: \$410 10: \$465 11: \$491 12: \$491 13: \$491 14: \$491 15: \$491 16: \$491 17: \$491 18: \$491 19: \$491 20: \$491	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Bukit Peninsula Road Based Improvement Scheme		

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: 50 farmers benefited by 1982	
	EMPLOYMENT:	
LINKS	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O) Refer Bukit Peninsula Road Based Improvement Scheme	
	YEARLY PRODUCTION: Oil palm peak production in year 1990 (3 000 tons of ffb) Rubber peak production in year 1995 (320 tons of dry) Coconut peak production in year 1985 (30 tons of dry) Rice peak production in year 1986 (100 tons of paddy)	
FINANCING	NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES NO: 6 NAME: Gaisah Rural Development NO: 19 NAME: Bukit Peninsula Road Based Improvement Project NO: NAME: NO: NAME: NO: NAME: NO: NAME:	
REFERENCES	POSSIBILITIES OF FINANCING: 1: FEDERAL GOVERNMENT 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT 4: STATUTORY BODIES 5: PUBLIC FUNDS 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS 8: PUBLIC FOREIGN LOANS	
	REFERENCES: 1: Supporting Report 2, Part II 2: 3: 4: 5:	

MAIN EFFECTS ON THE ENVIRONMENT: 138 farmers benefited

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED Field workers	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED Field workers
1979			46			
1980			92			
1981			138			
1982			138			
1983			105			33
1984			69			69
1985			33			105
1986			20			116
1987			10			126

DERIVED OF
EFFECTS OF
IMPLEMENTING
THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

Refer Bukit Peninjau Road Based Improvement Scheme

YEARLY PRODUCTION: Oil palm peak production in year 1980 (6 000 tons of oil)
Rubber peak production in year 1980 (180 tons of dry)
Cocoa peak production in year 1987 (50 tons of dry)
Rice peak production in year 1986 (50 tons of paddy)

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 7 NAME: Sebanah Rural Development
NO: 19 NAME: Bukit Peninjau Road Based Improvement Project

NO: NAME:

NO: NAME:

NO: NAME:

NO: NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

1: Supporting Report 2, Part II

2:

3:

4:

5:

PROJECT NUMBER: 244 SECTOR: AGRICULTURE

PLANNING: PRIVATE
IMPLEMENTATION: PRIVATE
BUDGET: PRIVATE

NAME OF PROJECT: Clearing, planting and operating - Sebanah (Private) Area

DESCRIPTION: Klah-Santai and Sebanah RMA Private Investor
Clearing, planting and operating of 1,100 acres
(Planting commenced in 1980 and finished in 1982)

Oil palm - 770 acres
Rubber - 220 acres
Cocoa - 70 acres
Rice - 40 acres

TOTAL INVESTMENT COSTS: \$991 000
(1979 to 1980 - \$528 000)

INVESTMENT YEAR BY YEAR: \$'000

1: \$36	2: \$192	3: \$251	4: \$268	5: \$119
6: \$67	7: \$25	8: \$19	9: \$12	10: \$2

OPERATING COSTS YEAR BY YEAR: \$'000

1:	2:	3: \$2	4: \$50	5: \$126
6: \$203	7: \$228	8: \$239	9: \$249	10: \$207
11: \$270	12: \$270	13: \$270	14: \$270	15: \$270
16: \$270	17: \$270	18: \$270	19: \$270	20: \$270

REVENUES YEAR BY YEAR: \$'000

1:	2:	3: \$3	4: \$17	5: \$23
6: \$216	7: \$362	8: \$474	9: \$543	10: \$593
11: \$598	12: \$598	13: \$598	14: \$598	15: \$598
16: \$598	17: \$598	18: \$598	19: \$598	20: \$598

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Refer Bukit Peninjau Road Based Improvement Scheme

LINKS

FINANCING

REFERENCES

IDENTIFICATION	PROJECT NUMBER: 245	SECTOR: AGRICULTURE
	DEPARTMENT: } PLANNING: } IMPLEMENTATION: } BUDGET: } PRIVATE	
	NAME OF PROJECT: Clearing, planting and operating - Basudhan and Lebas	
CONTENTS	DESCRIPTION: Tabas RMA Clearing, planting and operating of 11,700 acres (Planting commences in 1980 and finishes in 1983) Rubber - 8,255 acres Cocoa - 3,535 acres	
	TOTAL INVESTMENT COSTS: \$1,664,000 (1979 to 1980 - \$1,765,000) INVESTMENT YEAR BY YEAR: \$'000 1: \$287 2: \$1,178 3: \$2,013 4: \$2,604 5: \$2,544 6: \$1,545 7: \$1,296 8: \$762 9: \$535 10: \$313 11: \$57 OPERATING COSTS YEAR BY YEAR: \$'000 1: 2: 3: 4: 5: \$199 6: \$132 7: \$695 8: \$1,359 9: \$1,981 10: \$2,568 11: \$3,126 12: \$3,281 13: \$3,281 14: \$3,281 15: \$3,281 16: \$3,281 17: \$3,281 18: \$3,281 19: \$3,281 20: \$3,281 REVENUES YEAR BY YEAR: \$'000 1: 2: 3: 4: 5: \$200 6: \$594 7: \$1,185 8: \$2,243 9: \$3,402 10: \$4,369 11: \$5,138 12: \$5,440 13: \$5,440 14: \$5,440 15: \$5,440 16: \$5,440 17: \$5,440 18: \$5,240 19: \$5,440 20: \$5,440	
	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer: Bukit Peninjau Road Based Improvement Scheme	

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT	MAIN EFFECTS ON THE ENVIRONMENT: 1,180 farmers benefited																																																															
	EMPLOYMENT:																																																															
	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> </tr> </thead> <tbody> <tr> <td>1979</td> <td></td> <td></td> <td>Field workers 295</td> <td></td> <td></td> <td>Field workers</td> </tr> <tr> <td>1980</td> <td></td> <td></td> <td>500</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1981</td> <td></td> <td></td> <td>865</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1982</td> <td></td> <td></td> <td>1,180</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1983</td> <td></td> <td></td> <td>1,180</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td>1,092</td> <td></td> <td></td> <td>88</td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td>1,004</td> <td></td> <td></td> <td>176</td> </tr> </tbody> </table>	YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	1979			Field workers 295			Field workers	1980			500				1981			865				1982			1,180				1983			1,180				1984			1,092			88	1985			1,004			176	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O) Refer: Bukit Peninjau Road Based Improvement Scheme YEARLY PRODUCTION: Rubber peak production in year 1995 (6,500 tons of dry) Cocoa peak production in year 1986 (2,700 tons of dry)
YEAR	CONSTRUCTION			OPERATION																																																												
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LINKS	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES NO: 17 NAME: Basudhan - Lebas Rural Development NO: 19 NAME: Bukit Peninjau Road Based Improvement Project NO: NAME: NO: NAME: NO: NAME: NO: NAME:																																																															
FINANCING	POSSIBILITIES OF FINANCING: 1: FEDERAL GOVERNMENT 3: LOCAL GOVERNMENT 5: PUBLIC FUNDS 7: PRIVATE FOREIGN LOANS 2: STATE GOVERNMENT 4: STATUTORY BODIES 6: PRIVATE DOMESTIC SAVINGS 8: PUBLIC FOREIGN LOANS																																																															
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IDENTIFICATION	PROJECT NUMBER: 247	SECTOR: TRANSPORT
	PLANNING: IMPLEMENTATION: } PWD BUDGET: }	
	NAME OF PROJECT: Access road - Besechuan Area	
CONTENTS	<p>DESCRIPTION: Improved feeder road standard Total length - 2 miles Width of formation - 30 feet Pavement - 18 feet Surface - gravel</p> <p>TOTAL INVESTMENT COSTS: \$300 000 INVESTMENT PERIOD: 1979</p> <p>INVESTMENT YEAR BY YEAR: 1979</p> <p>1: \$300 000 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:</p> <p>OPERATING COSTS YEAR BY YEAR: 1980</p> <p>1: \$10 000 2: \$10 000 3: \$10 000 4: \$24 000 5: \$10 000 6: \$10 000 7: \$10 000 8: \$24 000 9: etc 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:</p> <p>REVENUES YEAR BY YEAR:</p> <p>1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:</p> <p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p> <p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: 1 mile - \$150 000</p>	
COSTS AND REVENUES (1973 PRICES)	<p>LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES</p> <p>NO: 17 NAME: Besechuan Rural Development</p> <p>NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:</p> <p>POSSIBILITIES OF FINANCING:</p> <p>1: FEDERAL GOVERNMENT <input type="checkbox"/> 2: STATE GOVERNMENT <input type="checkbox"/> 3: LOCAL GOVERNMENT <input type="checkbox"/> 4: STATUTORY BODIES <input type="checkbox"/> 5: PUBLIC FUNDS <input type="checkbox"/> 6: PRIVATE DOMESTIC SAVINGS <input type="checkbox"/> 7: PRIVATE FOREIGN LOANS <input type="checkbox"/> 8: PUBLIC FOREIGN LOANS <input checked="" type="checkbox"/></p> <p>REFERENCES:</p> <p>1: Supporting Report 7 2: Supporting Report 6, Part II 3: 4: 5:</p>	

MAIN EFFECTS ON THE ENVIRONMENT: Links Besechuan with Labang-Tubau road																																																																																				
EMPLOYMENT:	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	1						2	2							3							4							5							6							7							8							9							10						
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DERIVED EFFECTS OF PROJECTS AND DEVELOPMENT PACKAGES CONCERNING THE PROJECT	<p>INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)</p> <p>YEARLY PRODUCTION:</p> <p>NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:</p> <p>1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:</p>																																																																																			
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<p>MAIN EFFECTS ON THE ENVIRONMENT: Links up Lebus with Beaudou</p>		<p>EMPLOYMENT:</p>																																																																																							
<p>DERIVED EFFECTS OF PROJECTS ON THE ENVIRONMENT ARISING FROM THE PROJECT</p>	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td>5</td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>				YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	1						5	2							3							4							5							6							7							8							9							10							<p>INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)</p>	
	YEAR	CONSTRUCTION				OPERATION																																																																																			
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<p>IDENTIFICATION</p>	<p>PROJECT NUMBER: 248</p>	<p>SECTOR: TRANSPORT</p>
	<p>PLANNING: IMPLEMENTATION: } PMD BUDGET:</p>	
<p>CONTENTS</p>	<p>NAME OF PROJECT: Access road - Lebus</p>	
	<p>DESCRIPTION: Feeder road standard Total length - 6.5 miles Width of formation - 28 feet Pavement - 14 feet Surface - gravel</p>	
<p>COSTS AND REVENUES (1977 PRICES)</p>	<p>TOTAL INVESTMENT COSTS: \$780 000</p>	
	<p>INVESTMENT YEAR BY YEAR: 1979</p>	
	1: \$780 000	2: 3: 4: 5: 6: 7: 8: 9: 10:
	<p>OPERATING COSTS YEAR BY YEAR: 1980</p>	
	1: \$33 000	2: \$33 000 3: \$33 000 4: \$78 000 5: \$33 000
	6: \$33 000	7: \$33 000 8: \$78 000 9: etc 10:
	11:	12: 13: 14: 15:
	16:	17: 18: 19: 20:
	<p>REVENUES YEAR BY YEAR:</p>	
	1:	2: 3: 4: 5:
	6:	7: 8: 9: 10:
	11:	12: 13: 14: 15:
	16:	17: 18: 19: 20:
	<p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p>	
	<p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: 1 mile - \$120 000</p>	

MAIN EFFECTS ON THE ENVIRONMENT: Links Paroh with the whole road network

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						6
2						
3						
4						
5						
6						
7						
8						
9						
10						

DERIVED OF
EFFECTS OF
CONSTRUCTION
ON THE PROJECT

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 21 NAME: Miri-Bintulu Road Rural Development and
NO: 22 NAME: Labang Timber Complex

LINKS

NO:	NAME:
NO:	NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 7
- 2: Supporting Report 6, Part II
- 3:
- 4:
- 5:

PROJECT NUMBER: 219

SECTOR: TRANSPORT

PLANNING: IMPLEMENTATION: } PWD
BUDGET:

NAME OF PROJECT: Miri-Bintulu road - Paroh road

DESCRIPTION: Improved feeder road standard
Total length - 10 miles
Width of formation - 30 feet
Pavement - Asphalt
Surface - gravel

TOTAL INVESTMENT COSTS: \$1,500,000 INVESTMENT PERIOD: 1979 to 1980

INVESTMENT YEAR BY YEAR: 1979

1:	4:	5:
2:	8:	10:
3:	9:	

OPERATING COSTS YEAR BY YEAR: 1981

1:	4:	5:
2:	8:	10:
3:	9:	etc
6:	13:	15:
11:	14:	20:
12:	17:	
13:	18:	
14:	19:	
15:	20:	

REVENUES YEAR BY YEAR:

1:	4:	5:
2:	8:	10:
3:	9:	15:
6:	13:	20:
11:	14:	
12:	17:	
13:	18:	
14:	19:	
15:	20:	

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:
1 mile - \$150,000

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1977 PRICES)

<p>MAIN EFFECTS ON THE ENVIRONMENT: Links up Timong with Nyalan and the whole road network system</p>		<p>EMPLOYMENT:</p> <table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="2">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		YEAR	CONSTRUCTION			OPERATION		PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	1						2						3						4						5						6						7						8						9						10					
YEAR	CONSTRUCTION				OPERATION																																																																					
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED																																																																					
1																																																																										
2																																																																										
3																																																																										
4																																																																										
5																																																																										
6																																																																										
7																																																																										
8																																																																										
9																																																																										
10																																																																										
<p>DERIVED EFFECTS OF INVESTMENT ON THE PROJECT</p>		<p>INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)</p>																																																																								
<p>YEARLY PRODUCTION:</p>		<p>NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:</p>																																																																								
<p>LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES</p>		<p>POSSIBILITIES OF FINANCING:</p>																																																																								
<p>REFERENCES:</p>		<p>REFERENCES:</p>																																																																								

<p>PROJECT NUMBER: 250</p> <p>DEPARTMENT: } PLANNING: } IMPLEMENTATION: } PWD</p> <p>NAME OF PROJECT: Timong-Nyalan road</p>	<p>SECTOR: TRANSPORT</p>
<p>DESCRIPTION: Improved feeder road standard Total length - 14.4 mile Width of formation - 30 feet Subgrade - 10 feet Surface - gravel</p>	<p>TOTAL INVESTMENT COSTS: \$ 160 000 INVESTMENT PERIOD: 1979 to 1980</p> <p>INVESTMENT YEAR BY YEAR: 1979</p> <p>1: \$50 000 2: \$120 000 3: 4: 5: 6: 7: 8: 9: 10:</p> <p>OPERATING COSTS YEAR BY YEAR: 1980</p> <p>1: \$72 000 2: \$72 000 3: \$72 000 4: \$173 000 5: \$72 000 6: \$72 000 7: \$72 000 8: \$173 000 9: etc 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:</p> <p>REVENUES YEAR BY YEAR:</p> <p>1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:</p> <p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p> <p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: 1 mile - \$150 000</p>
<p>IDENTIFICATION</p>	<p>COSTS AND REVENUES (1973 PRICES)</p>

MAIN EFFECTS ON THE ENVIRONMENT: Lake Sigrak and Takau and the surrounding agricultural areas

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						3
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	21:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 27

NO:	NAME:
NO:	NAME: Bintulu Timber Complex
NO:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>	2:	STATE GOVERNMENT	<input checked="" type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>	9:	STATUTORY BODIES	<input checked="" type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>	6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>	8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- 1: Supporting Report 7
- 2: Supporting Report 6, Part II
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPROVING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 251

SECTOR: TRANSPORT

DEPARTMENT: }
PLANNING: }
IMPLEMENTATION: }
BUDGET: } PWD

NAME OF PROJECT: Sigrak-Takau road

DESCRIPTION: Improved feeder road
Total length - 4 miles
Width of formation - 30 feet
Pavement - 10 feet
Surface - gravel

TOTAL INVESTMENT COSTS: \$600 000 INVESTMENT PERIOD: 1979

INVESTMENT YEAR BY YEAR: 1979

4:	\$600 000	3:	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR: 1980

1:	\$20 000	2:	\$20 000	3:	\$20 000	4:	\$45 000	5:	\$20 000
6:	\$20 000	7:	\$20 000	8:	\$45 000	9:	etc	10:	
11:	12:	13:	14:	15:		16:	17:	18:	19:
20:									

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:
1 mile - \$150 000

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

MAIN EFFECTS ON THE ENVIRONMENT:									
EMPLOYMENT:									
YEAR	CONSTRUCTION			OPERATION			TOTAL	TOTAL	TOTAL
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED			
1									5
2									
3									
4									
5									
6									
7									
8									
9									
10									

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1: 2: 3: 4: 5:
6: 7: 8: 9: 10:
11: 12: 13: 14: 15:
16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 1 NAME: Mirl Town Development
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:
NO: NAME:

POSSIBILITIES OF FINANCING:

1: FEDERAL GOVERNMENT
2: LOCAL GOVERNMENT
3: PUBLIC FUNDS
4: STATE GOVERNMENT
5: PRIVATE FOREIGN LOANS
6: STATUTORY BODIES
7: PRIVATE DOMESTIC SAVINGS
8: PUBLIC FOREIGN LOANS

REFERENCES:

1:
2:
3:
4:
5:

PROJECT NUMBER: 252		SECTOR: PUBLIC SERVICES	
DEPARTMENT		SPU	
PLANNING: IMPLEMENTATION: FMD		SPU	
BUDGET: SPU			
NAME OF PROJECT: Mosques - Mirl			
DESCRIPTION: Provisional estimate of costs, employment and investment period.			
TOTAL INVESTMENT COSTS: \$1 000 000		INVESTMENT PERIOD: 1979 to 1980	
INVESTMENT YEAR BY YEAR:			
1: \$500 000	2: \$500 000	3: 4: 5:	6: 7: 8: 9: 10:
OPERATING COSTS YEAR BY YEAR:			
1: 2: 3: 4: 5:	6: 7: 8: 9: 10:	11: 12: 13: 14: 15:	16: 17: 18: 19: 20:
REVENUES YEAR BY YEAR:			
1: 2: 3: 4: 5:	6: 7: 8: 9: 10:	11: 12: 13: 14: 15:	16: 17: 18: 19: 20:
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS			
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:			
REFERENCES:			
1: 2: 3: 4: 5:			

IDENTIFICATION	PROJECT NUMBER: 253	SECTOR: PUBLIC SERVICES
	DEPARTMENT: EDUCATION	PLANNING: EDUCATION
CONTENTS	IMPLEMENTATION: PMD	BUDGET: EDUCATION
	NAME OF PROJECT: Vocational School - Bintulu	
DESCRIPTION: Vocational School for 300 students covering subjects like mechanical, electrical installation, automotive engineering, welding and commerce.		
TOTAL INVESTMENT COSTS: \$1 527 000 INVESTMENT PERIOD: 1979 to 1980		
INVESTMENT YEAR BY YEAR: 1: \$750 000 2: \$777 000 3: 4: 5: 6: 7: 8: 9: 10:		
OPERATING COSTS YEAR BY YEAR: 1981 + 1: \$150 000 2: etc 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:		
REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:		
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Refer Supporting Report 5		

IDENTIFICATION	MAIN EFFECTS ON THE ENVIRONMENT:	
	EMPLOYMENT: 1981	
CONTENTS	DERIVED EFFECTS OF INVESTMENT AND OPERATING THE PROJECT	
	INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)	
YEARLY PRODUCTION: NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:		
LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES NO: 2 NAME: Bintulu Town Development NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:		
POSSIBILITIES OF FINANCING: 1: FEDERAL GOVERNMENT <input checked="" type="checkbox"/> 2: STATE GOVERNMENT 3: LOCAL GOVERNMENT <input type="checkbox"/> 4: STATUTORY BODIES 5: PUBLIC FUNDS <input type="checkbox"/> 6: PRIVATE DOMESTIC SAVINGS 7: PRIVATE FOREIGN LOANS <input type="checkbox"/> 8: PUBLIC FOREIGN LOANS		
REFERENCES: 1: Supporting Report 5 2: 3: 4: 5:		

MAIN EFFECTS ON THE ENVIRONMENT: Secures a total population of 1 900 by 1980 for the village of Enshang

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO. 9	NAME: Enshang Rural Development
NO: 9	NAME:
NO: 10	NAME:
NO: 11	NAME:
NO: 12	NAME:
NO: 13	NAME:
NO: 14	NAME:
NO: 15	NAME:
NO: 16	NAME:
NO: 17	NAME:
NO: 18	NAME:
NO: 19	NAME:
NO: 20	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>
2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>
4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>
6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>
8:	PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 254

SECTOR: PUBLIC UTILITIES

PLANNING: }
IMPLEMENTATION: } PWD
BUDGET: }

NAME OF PROJECT: Sewerage - Enshang

DESCRIPTION: Latrines for the general population and septic tanks for the shops and school. The project is only specified for the Action Programme period.

CONTENTS

TOTAL INVESTMENT COSTS: \$57 000

INVESTMENT PERIOD: 1979 to 1980

INVESTMENT YEAR BY YEAR: 1979

1:	\$20 000	2:	\$37 000	3:		4:		5:	
6:		7:		8:		9:		10:	

OPERATING COSTS YEAR BY YEAR: 1980

1:	\$1 400	2:		3:		4:		5:	
6:		7:		8:		9:		10:	
11:	12:	13:	14:	15:	16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:		2:		3:		4:		5:	
6:		7:		8:		9:		10:	
11:		12:		13:		14:		15:	
16:		17:		18:		19:		20:	

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Latrines at - \$ 18 per head
Septic tanks at - \$210 per head

IDENTIFICATION	PROJECT NUMBER: 258	SECTOR: TRANSPORT
	DEPARTMENT: PLANNING; IMPLEMENTATION: FMD; BUDGET: FMD	
CONTENTS	NAME OF PROJECT: Enshang-Sibu Kiah Road	
	DESCRIPTION: Improved feeder road standard Total length - 4 miles Width of formation - 30 feet Pavement - 18 feet Surface - gravel	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$600,000 INVESTMENT PERIOD: 1980	
	INVESTMENT YEAR BY YEAR: 1980	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: 1980	
	REVENUES YEAR BY YEAR:	
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: 1 mile - \$150,000	

EMPLOYMENT:	MAIN EFFECTS ON THE ENVIRONMENT: Links up Enshang with Sibu Kiah							
	OPERATION							
YEAR	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED	TOTAL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)								
YEARLY PRODUCTION:								
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:								
1:	2:	3:	4:	5:	6:	7:	8:	9:
11:	12:	13:	14:	15:	16:	17:	18:	20:
LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES								
NO: 9	NAME: Enshang Rural Development							
NO: 5	NAME: Sibu Kiah Town Development							
NO: 1	NAME:							
NO: 1	NAME:							
NO: 1	NAME:							
NO: 1	NAME:							
POSSIBILITIES OF FINANCING:								
1:	FEDERAL GOVERNMENT				2:	STATE GOVERNMENT		
3:	LOCAL GOVERNMENT				4:	STATUTORY BODIES		
5:	PUBLIC FUNDS				6:	PRIVATE DOMESTIC SAVINGS		
7:	PRIVATE FOREIGN LOANS				8:	PUBLIC FOREIGN LOANS		
REFERENCES:								
1:	Supporting Report 7							
2:	Supporting Report 6, Part II							
3:								
4:								
5:								

MAIN EFFECTS ON THE ENVIRONMENT: Opens up the Kawang area

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO: 2:	NAME: Labang Timber Complex
NO: 1:	NAME:
NO: 2:	NAME:
NO: 3:	NAME:
NO: 4:	NAME:
NO: 5:	NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>
2:	STATE GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>
4:	STATUTORY BODIES	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>
6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>
8:	PUBLIC FOREIGN LOANS	<input checked="" type="checkbox"/>

REFERENCES:

- 1: Supporting Report 7
- 2: Supporting Report 6, Part II
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 259 SECTOR: TRANSPORT

PLANNING: IMPLEMENTATION: } FMD
BUDGET:

NAME OF PROJECT: Kawang Road

DESCRIPTION: Feeder road standard
Total length - 2 miles
Width of formation - 26 feet
Pavement - 14 feet
Surface - gravel

TOTAL INVESTMENT COSTS: \$240 000 INVESTMENT PERIOD: 1960

INVESTMENT YEAR BY YEAR: 1960

1:	\$240 000	2:	3:	4:	5:
6:	7:	8:	9:	10:	10:

OPERATING COSTS YEAR BY YEAR: 1961

1:	\$10 000	2:	\$10 000	3:	\$10 000	4:	\$24 000	5:	\$10 000
6:	\$10 000	7:	\$10 000	8:	\$24 000	9:	etc	10:	
11:	12:	13:	14:	15:	16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

1 mile - \$120 000

IDENTIFICATION

CONTENTS

COSTS AND REVENUES (1973 PRICES)

MAIN EFFECTS ON THE ENVIRONMENT: Links up Azang village with the main road network system

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

- NO: 26 NAME: Bistulu Timber Complex
- NO: NAME:
- NO: NAME:
- NO: NAME:
- NO: NAME:

POSSIBILITIES OF FINANCING:

- 1: FEDERAL GOVERNMENT
- 2: STATE GOVERNMENT
- 3: LOCAL GOVERNMENT
- 4: STATUTORY BODIES
- 5: PUBLIC FUNDS
- 6: PRIVATE DOMESTIC SAVINGS
- 7: PRIVATE FOREIGN LOANS
- 8: PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 7
- 2: Supporting Report 6, Part II
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 260 SECTOR: TRANSPORT

DEPARTMENT: PLANNING: IMPLEMENTATION: } PD
BUDGET: }

NAME OF PROJECT: Azang village road

DESCRIPTION: Feeder road standard
Total length - 2.1 miles
Width of formation - 28 feet
Sub-grade - 14 feet
Surface - gravel

TOTAL INVESTMENT COSTS: \$52 000 INVESTMENT PERIOD: 1980

INVESTMENT YEAR BY YEAR: 1980

- 1: \$52 000 2: 3: 4: 5:
- 6: 7: 8: 9: 10:

OPERATING COSTS YEAR BY YEAR: 1981

- 1: \$11 000 2: \$11 000 3: \$11 000 4: \$25 000 5: \$11 000
- 6: \$11 000 7: \$11 000 8: \$25 000 9: etc 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

REVENUES YEAR BY YEAR:

- 1: 2: 3: 4: 5:
- 6: 7: 8: 9: 10:
- 11: 12: 13: 14: 15:
- 16: 17: 18: 19: 20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

1 mile - \$120 000

MAIN EFFECTS ON THE ENVIRONMENT: Serves the Mera-a population of 1 300 by 1960

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	NAME:	NAME:
NO: 3	NAME: Mera-a Rural Development	
NO:	NAME:	

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	<input type="checkbox"/>
3:	LOCAL GOVERNMENT	<input type="checkbox"/>
5:	PUBLIC FUNDS	<input type="checkbox"/>
7:	PRIVATE FOREIGN LOANS	<input type="checkbox"/>
2:	STATE GOVERNMENT	<input checked="" type="checkbox"/>
4:	STATUTORY BODIES	<input type="checkbox"/>
6:	PRIVATE DOMESTIC SAVINGS	<input type="checkbox"/>
8:	PUBLIC FOREIGN LOANS	<input type="checkbox"/>

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 261 SECTOR: PUBLIC UTILITIES

DEPARTMENT: PLANNING: IMPLEMENTATION: TELECOMS
BUDGET:

NAME OF PROJECT: Mera-a Telecoms System

DESCRIPTION: Supplied at the rate of 10 lines per thousand population. The project is only specified for the Action Programme period.

- 1 building
- 1 exchange equipment
- VIP
- 1 Class IV quarter

CONTENTS

TOTAL INVESTMENT COSTS: \$144 000 INVESTMENT PERIOD: 1960

INVESTMENT YEAR BY YEAR: 1960

1:	\$144 000	2:	3:	4:	5:
6:	7:	8:	9:	10:	10:

OPERATING COSTS YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

Building	30 000
Exchange equipment	30 000
External lines	4 000
Transport and maintenance equipment	20 000
1 Class IV quarter	20 000
VIP	40 000

COSTS AND REVENUES (1977 PRICES)

IDENTIFICATION	PROJECT NUMBER: 262	SECTOR: PUBLIC UTILITIES
	DEPARTMENT: PLANNING: IMPLEMENTATION: } PWD BUDGET:	
CONTENTS	NAME OF PROJECT: Sewerage - Lebong	
	DESCRIPTION: Small community system and septic tanks The project is only specified for the Action Programme period.	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$51,000 INVESTMENT PERIOD: 1980	
	INVESTMENT YEAR BY YEAR: 1980 + 1: \$51,000 2: \$46,000 3: \$17,000 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR: 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES: Septic tanks per head 210 Community system per head 210		

IDENTIFICATION	MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of 600																																																																																			
	EMPLOYMENT:																																																																																			
CONTENTS	DERIVED EFFECTS OF IMPLEMENTING THE PROJECT																																																																																			
	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL SKILLED</th> <th>UNSKILLED TOTAL</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL	1							2							3							4							5							6							7							8							9							10					
YEAR	CONSTRUCTION			OPERATION																																																																																
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	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES NO: 10 NAME: Lebong Town Development NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:																																																																																			
COSTS AND REVENUES (1973 PRICES)	FINANCING																																																																																			
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COSTS AND REVENUES (1973 PRICES)	REFERENCES: 1: Supporting Report 5 2: Supporting Report 6, Part III 3: 4: 5:																																																																																			

IDENTIFICATION	PROJECT NUMBER: 263	SECTOR: TRANSPORT
	DEPARTMENT: PLANNING: IMPLEMENTATION: } FMD BUDGET: }	
CONTENTS	NAME OF PROJECT: Lambir-Subis roads	
	DESCRIPTION: Access roads to the oil palm schemes in Lambir-Subis, total length - 7.75 miles of feeder roads	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$775 000	
	INVESTMENT PERIOD: 1975	
COSTS AND REVENUES (1973 PRICES)	INVESTMENT YEAR BY YEAR:	
	1: \$775 000	2: 3: 4: 5: 6: 7: 8: 9: 10:
COSTS AND REVENUES (1973 PRICES)	OPERATING COSTS YEAR BY YEAR: 1976	
	1: \$12 000	2: \$12 000 3: \$12 000 4: \$172 000 5: \$12 000 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:
COSTS AND REVENUES (1973 PRICES)	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
COSTS AND REVENUES (1973 PRICES)	SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS	
	UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:	

MAIN EFFECTS ON THE ENVIRONMENT: Access to new oil palm schemes	EMPLOYMENT: 1976																																																																																			
	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	1						1	2							3							4							5							6							7							8							9							10					
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	NO: 2 NAME: Lambir-Subis North Rural Development NO: 1 NAME: Lambir-Subis South Rural Development NO: NAME: NO: NAME: NO: NAME: NO: NAME:																																																																																			
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IDENTIFICATION	PROJECT NUMBER: 264	SECTOR: PUBLIC UTILITIES
	DEPARTMENT	PLANNING: IMPLEMENTATION: } SERCO
CONTENTS	NAME OF PROJECT: Electricity - Labang	
	DESCRIPTION: Plant of 60 MW The project is only specified for the Action Programme period.	
COSTS AND REVENUES (1973 PRICES)	TOTAL INVESTMENT COSTS: \$120 000 INVESTMENT PERIOD: 1980	
	INVESTMENT YEAR BY YEAR: 1: \$120 000 2: 3: 4: 5: 6: 7: 8: 9: 10:	
	OPERATING COSTS YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
	REVENUES YEAR BY YEAR:	
	1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20:	
SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS		
UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:		
60 MW set \$ 41 000 Distribution, etc. 36 000		

MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of 600 EMPLOYMENT: 1979	<table border="1"> <thead> <tr> <th rowspan="2">YEAR</th> <th colspan="3">CONSTRUCTION</th> <th colspan="3">OPERATION</th> </tr> <tr> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> <th>PROFESSIO- NALS</th> <th>CLERICAL AND SKILLED</th> <th>UNSKILLED TOTAL</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>						YEAR	CONSTRUCTION			OPERATION			PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	1							2							3							4							5							6							7							8							9							10						
	YEAR	CONSTRUCTION			OPERATION																																																																																				
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FINANCING	LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES																																																																																								
	NO: 10 NAME: Labang Town Development NO: NAME: NO: NAME: NO: NAME: NO: NAME: NO: NAME:																																																																																								
REFERENCES	POSSIBILITIES OF FINANCING:																																																																																								
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REFERENCES: 1: Supporting Report 5 2: Supporting Report 6, Part III 3: 4: 5:																																																																																									

MAIN EFFECTS ON THE ENVIRONMENT: Serves a population of 500 by 1980

EMPLOYMENT:

YEAR	CONSTRUCTION			OPERATION		
	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL	PROFESSIO- NALS	CLERICAL AND SKILLED	UNSKILLED TOTAL
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)

YEARLY PRODUCTION:

NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES

NO:	LINK	NAME:
NO: 11		Tubau Town Development
NO:		NAME:

POSSIBILITIES OF FINANCING:

1:	FEDERAL GOVERNMENT	2:	STATE GOVERNMENT
3:	LOCAL GOVERNMENT	4:	STATUTORY BODIES
5:	PUBLIC FUNDS	6:	PRIVATE DOMESTIC SAVINGS
7:	PRIVATE FOREIGN LOANS	8:	PUBLIC FOREIGN LOANS

REFERENCES:

- 1: Supporting Report 5
- 2: Supporting Report 6, Part III
- 3:
- 4:
- 5:

DERIVED EFFECTS OF IMPLEMENTING THE PROJECT

LINKS

FINANCING

REFERENCES

PROJECT NUMBER: 205 SECTOR: PUBLIC UTILITIES

PLANNING: }
 DEPARTMENT IMPLEMENTATION: } SSSD
 BUDGET: }

NAME OF PROJECT: Electricity - Tubau

DESCRIPTION: Plant of 60 MW
 The project is only specified for the Action Programme period.

CONTENTS

TOTAL INVESTMENT COSTS: \$120 000 INVESTMENT PERIOD: 1980

INVESTMENT YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:

OPERATING COSTS YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

REVENUES YEAR BY YEAR:

1:	2:	3:	4:	5:
6:	7:	8:	9:	10:
11:	12:	13:	14:	15:
16:	17:	18:	19:	20:

SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS

UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:

60 MW set \$ 41 000
 Distributions, etc. 36 000

IDENTIFICATION	PROJECT NUMBER: 266	SECTOR: PRIVATE SERVICES
	DEPARTMENT	PLANNING: IMPLEMENTATION: PRIVATE
	NAME OF PROJECT: Cinema - Long	
CONTENTS	DESCRIPTION: 1 unit cinema	
	<p>TOTAL INVESTMENT COSTS: \$300 000 INVESTMENT PERIOD:</p> <p>INVESTMENT YEAR BY YEAR:</p> <p>1: \$300 000 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p> <p>OPERATING COSTS YEAR BY YEAR:</p> <p>1: \$150 000 2: \$150 000 3: \$150 000 4: 5:</p> <p>6: 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p> <p>REVENUES YEAR BY YEAR:</p> <p>1: 2: 3: 4: 5:</p> <p>6: 7: 8: 9: 10:</p> <p>11: 12: 13: 14: 15:</p> <p>16: 17: 18: 19: 20:</p> <p>SHORT DESCRIPTION OF POSSIBLE ECONOMIES OF SCALE CONCERNING INVESTMENT AND OPERATION COSTS</p> <p>UNIT (OR ITEM) COSTS AND UNIT (OR ITEM) REVENUES:</p> <p>Assume 20 seats in the theatre</p>	

MAIN EFFECTS ON THE ENVIRONMENT:	EMPLOYMENT:									
	CONSTRUCTION		OPERATION		CONSTRUCTION		OPERATION		TOTAL	
DERIVED EFFECTS OF INVESTING IN THE PROJECT.	YEAR	PROFESSIO- NALS	CLERICAL AND UN- SKILLED	TOTAL						
	1									7
	2									
	3									
	4									
	5									
	6									
	7									
	8									
	9									
10										
INPUT OTHER THAN LABOUR: CONSTRUCTION (C), OPERATION (O)										
YEARLY PRODUCTION:										
NET REQUIREMENTS OF FOREIGN EXCHANGE YEAR BY YEAR:										
1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:
12:	13:	14:	15:	16:	17:	18:	19:	20:		
LINKS TO OTHER PROJECTS AND DEVELOPMENT PACKAGES										
NO: 5	NAME: Long Estate Rural Development									
NO: 6	NAME:									
NO: 7	NAME:									
NO: 8	NAME:									
NO: 9	NAME:									
NO: 10	NAME:									
POSSIBILITIES OF FINANCING:										
1:	FEDERAL GOVERNMENT		2:		STATE GOVERNMENT		3:		STATUTORY BODIES	
4:	LOCAL GOVERNMENT		5:		PUBLIC FUNDS		6:		PRIVATE DOMESTIC SAVINGS	
7:	PRIVATE FOREIGN LOANS		8:		PRIVATE FOREIGN LOANS		9:		PUBLIC FOREIGN LOANS	
REFERENCES:										
1:										
2:										
3:										
4:										

IDEA PROJECTS

PROJECT NUMBER	PROJECT NAME	SECTOR	DEPARTMENTS			REFERENCES
			PLANNING	IMPLEMENTING	BUDGET	
1	Investigation of Loagan Bunut	Agriculture	D I D	D I D	D I D	SR 2/Ⅴ
2	Sea Fisheries Investigation	Agriculture	DA	DA	DA	SR 2/Ⅴ
3	Niah National Park	Forestry	FD	FD	FD	SR 3
4	Similajou National Park	Forestry	FD	FD	FD	SR 3
5	Loagan Bunut National Park	Forestry	FD	FD	FD	SR 3
6	Lambir National Park	Forestry	FD	FD	FD	SR 3
7	Sungai Dalam National Park	Forestry	FD	FD	FD	SR 3
8	Conservation Area, Tanjung Lobang	Forestry	FD	FD	FD	SR 3
9	Conservation Area, Bukit Dulit	Forestry	FD	FD	FD	SR 3
10	Conservation Area, Lobang - Salai Limestone Out Crop	Forestry	FD	FD	FD	SR 3
11	Eucalyptus Trials	Forestry	FD	FD	FD	SR 3
12	Sarawak Manpower Board	Miscellaneous				SR 5
13	Consumer Price Index	Miscellaneous				SR 9
14	Construction Price Index					SR 9
15	Co-operation among Shipyards	Industries				SR 8
16	Bakong Road Study	Transport	P W D	P W D	P W D	SR 7
17	Sarawak Savings and Development Fund	Miscellaneous				SR 9
18	Premium Bonds	Miscellaneous				SR 9
19	Land Rent	Miscellaneous				SR 9

INDIVIDUAL PROJECTS

PROJECT NUMBER	PROJECT NAME	SECTOR	DEPARTMENTS		SPECIFICATIONS	IMPLEMENTATION										INVESTMENT COSTS THOUSAND DOLLARS											
			PLANNING	IMPLEMENTING		BUDGET	1974	1975	1976	1977	1978	1979	1980	1975	1976	1977	1978	1979	1980	TOTAL							
							TOTAL INVESTMENT COSTS										14400	13360	1415	10660	1000	75 065					
112	Pre-fab Houses Plant	Industries	PRIVATE	PRIVATE	PRIVATE													500							500		
113	Timber Impregnate Plant	Industries	PRIVATE	PRIVATE	PRIVATE													300								300	
2	Boundary Survey and Demarcation 1975-1980 Residual	Agriculture	L & S D/FD	L & S D/FD	L & S D/FD													4000	4000	6000	7000	9000	10000			41 000	
115	Industries 1975 - 1980, Residual	Industries	SEDC/PRIVATE	SEDC/PRIVATE	SEDC/PRIVATE													8600								8 600	
27	Sawmill, Timber Complex, Exploitation, Long Lama Timber Area	Forestry	FD/PRIVATE	PRIVATE	PRIVATE													1000	100							1 100	
114	Moulding Factory	Industries	PRIVATE	PRIVATE	PRIVATE																					200	
149	Bridges Lutong - Kuala Baram Road	Transport	P W D	P W D	P W D													200	1000	1000	160					2 160	
151	Improvements Beluru Road	Transport	P W D	P W D	P W D																					245	
167	Furniture Manufacturing	Industries	PRIVATE	PRIVATE	PRIVATE																						5 600
169	Plywood Factory	Industries	STDC/PRIVATE	STDC/PRIVATE	STDC/PRIVATE																						1 800
166	Iron Factory	Industries	PRIVATE	PRIVATE	PRIVATE																						3 600
1	Semi - Detailed Soil Survey 1976 - 1980 Residual	Agriculture	D A	D A	D A																						1 800
168	Parquet Factory	Industries	STDC/PRIVATE	STDC/PRIVATE	STDC/PRIVATE																						2 500
187	Extension of Kuala Baram Wharf	Transport	P W D	P W D	P W D																						50
205	Particle Board Manufacturing	Industries	STDC/PRIVATE	STDC/PRIVATE	STDC/PRIVATE																						6 000
220	Kuala Baram - Brunel Road Surfacing	Transport	P W D	P W D	P W D																						3 000
						TOTAL INVESTMENT COSTS										14400	13360	1415	10660	1000	75 065						

RURAL DEVELOPMENT PACKAGE NUMBER : I : LAMBIR-SUBIS SOUTH

PROJECT NUMBER	PROJECT NAME	SECTOR	DEPARTMENT		SPECIFICATIONS	IMPLEMENTATION										INVESTMENT COSTS THOUSAND DOLLARS				
			PLANNING	IMPLEMENTING		1974	1975	1976	1977	1978	1979	1980	1981	1976	1977	1978	1979	1980	TOTAL	
																				BUDGET
67	Airphoto/ Mapping, Subis I And II Villages Housing Sungal Tangit Village Housing Ladang Tiga Village	Public Services Housing Housing	L B S D S L D B S L D B	L B S D S L D B																
3	Community Hall Sungal Tangit	Public Services	S L D B	S L D B																
4	Clearing, Planting, Operating Lambir Subis South Management SLDB, Lambir Subis South	Agriculture Agriculture	S L D B S L D B	S L D B S L D B	23760 acres gross, 2585 acres net											6084	5630	5256	16970	
																596	658		1254	
68	Detailed Planning Of Subis I And II Village Areas	Public Services	L B S D	L B S D																
37	Destumping Of Subis I And II Village Areas Internal Roads/ Drainage, Subis I And II And Ladang Tiga Village	Public Services Transport	S L D B S L D B	S L D B S L D B	6.3 miles local tertiary road															
28	Housing, Subis I Village	Housing	S L D B	H D C	292 houses											1460			1460	
28	Housing, Subis II Village	Housing	S L D B	H D C	292 houses											1460			1460	
	Primary School, Sungal Tangit	Public Services	E D	P W D	1 stream, semi-permanent															
106	Parks And Playgrounds, Sungal Tangit Community Hall, Ladang Tiga Shops And Coffee Houses, Sungal Tangit	Public Services Private Services	S L D B / E D S L D B Private/SEDC	P W D S L D B Private/SEDC	2 acres 6 service units											360			360	
64	Postal Agent, Sungal Tangit	Public Services	P S D	P S D																
54	Primary School, Ladang Tiga	Public Services	E D	P W D	1 stream semi-permanent											288			288	
56	Parks And Playgrounds, Ladang Tiga	Public Services	S L D B / E D	P W D	2 and 1 acres											4		2	6	
73	Water Supply, Lambir Subis South	Public Utilities	P W D	P W D	Headworks, pipelines distribution											2223	940	140	280	201
74	Sewerage, Lambir Subis South	Public Utilities	P W D	P W D												64	101	214	73	56
89	Cleansing, Refuse Disposal, Street Lighting Ladang Tiga	Public Utilities	D C / S E S C O	D C / S E S C O												8	13	8	9	10
																				58

RURAL DEVELOPMENT PACKAGE NUMBER : 2 : LAMBIR - SUBIS NORTH

PROJECT NUMBER	PROJECT NAME	SECTOR	DEPARTMENT			SPECIFICATIONS	IMPLEMENTATION							INVESTMENT THOUSAND DOLLARS				TOTAL								
			PLANNING	IMPLEMENTING	BUDGET		1974	1975	1976	1977	1978	1979	1980	1976	1977	1978	1979		1980							
																				1974	1975	1976	1977	1978	1979	1980
5	Clearing, Planting, Operating, Lambir - Subis North	Agriculture	S L D B	S L D B	S L D B												1863	949	1533						4345	
6	Management S L D B, Lambir-Subis North	Agriculture	S L D B	S L D B	S L D B													87	192							279
67	Airphoto / Mapping, Ladang Empat Village	Public Services	L B S D	L B S D	L B S D																					
54	Primary School, Bukit Peninjau	Public Services	E D	P W D	E D													288								288
54	Primary School, SOP Village	Public Services	E D	P W D	E D													288								288
56	Parks And Playgrounds, Bukit Peninjau	Public Services	D C	P W D	D C													2								2
64	Postal Agent, Bukit Peninjau	Public Services	P S D	P S D	P S D													0								0
64	Postal Agent, SOP Village	Public Services	P S D	P S D	P S D													0								0
60	Religious Building, Bukit Peninjau	Public Services	S P U	P W D	S P U													50								50
60	Religious Building, SOP Village	Public Services	S P U	P W D	S P U													50								50
96	Electricity, Lambir-Subis North	Public Utilities	S E S C O	S E S C O	S E S C O													120								120
68	Detailed Planning, Ladang Empat Village	Public Services	L B S D	L B S D	L B S D																					120
59	Destumping, Ladang Empat Village	Public Services	S L D B	S L D B	S L D B													25								25
37	Internal Roads / Drainage, Ladang Empat Village	Transport	L B S D	S L D B	S L D B													40								40
28	Housing, Ladang Empat Village	Housing	S L D B	S L D B	S L D B													461	923							1385
55	Lower Secondary School, Bukit Peninjau	Public Services	E D	P W D	E D													400	376							776
158	Sewerage, Lambir-Subis North	Public Utilities	P W D	P W D	P W D														21	65						86
56	Parks And Playgrounds, Ladang Empat	Public Services	D C	P W D	D C														2							2
58	Community Hall, Ladang Empat	Public Services	D C	P W D	D C														30							30
152	Village Police Post, Ladang Empat	Public Services	R M P	P W D	R M P														15							15
106	Shops And Coffee Houses, Ladang Empat	Private Services	Private/SEDC	Private/SEDC	Private/SEDC														420							420
64	Postal Agent, Ladang Empat	Public Services	P S D	P S D	P S D														0							0
60	Religious Building, Ladang Empat	Public Services	S P U	P W D	S P U														50							50
225	Telecommunication, Lambir-Subis North	Public Utilities	TELECOMS	TELECOMS	TELECOMS															288						166
																		3675	2928	1768	518	60	396	9345		9345

RURAL DEVELOPMENT PACKAGE NUMBER : 24: MIRI-BINTULU ROAD - LABANG ROAD & LABANG TIMBER COMPLEX & LABANG

PROJECT NUMBER	PROJECT NAME	SECTOR	DEPARTMENT		SPECIFICATIONS	IMPLEMENTATION										INVESTMENT COSTS THOUSAND DOLLARS				TOTAL								
			PLANNING	IMPLEMENTING		BUDGET	1974	1975	1976	1977	1978	1979	1980	1975	1976	1977	1978	1979	1980									
43	Labang Road	Transport	P W D	P W D	P W D													1600	700							2300		
40	Access Road Labang Timber Complex And Timong Village	Transport	P W D	P W D	P W D													1040									1040	
25	Sawmill/Timber Complex/Exploitation Labang Timber Area	Forestry	FD/Private	FD/Private	FD/Private													4300	4300								8600	
69	Clearing Of Town Site, Timong Village	Public Services	P W D	P W D	P W D													17									17	
67	Airphoto Mapping, Timong Village	Public Services	L B S D	L B S D	L B S D																							
1	Semi-Detailed Soil Survey, Labang RBD Area	Agriculture	L B S D	L B S D	L B S D																							
68	Detailed Plan Of Village Area, Timong Village	Public Services	L B S D	L B S D	L B S D																							
59	Destumping, Timong Village Area	Public Services	P W D	P W D	P W D																							25
37	Internal Roads / Drainage, Timong Village	Transport	L B S D	P W D	P W D																							8
28	Housing, Timong Village	Housing	HDC/Private	HDC/Private	HDC/Private																							800
2008	Sewerage, Timong	Public Utilities	P W D	P W D	P W D																							28
181	Management ADU Labang RBD Area	Agriculture	D A	A D U	D A																							333
178	Clearing, Planting, Operating Labang RBD Area	Agriculture	A D U	Private	Private																							464
183	Housing Labang RBD Area	Housing	Private	Private	Private																							171
249	Miri-Bintulu Road - Paroh Road	Transport	P W D	P W D	P W D																							500
250	Timong-Nyal Road	Transport	P W D	P W D	P W D																							2160
259	Kawang road	Transport	P W D	P W D	P W D																							240
						TOTAL INVESTMENT COSTS										6957	5433	711	570	2679	2336	18686						

