

4. ECONOMIC FEASIBILITY STUDY

For establishing "Medium Term Development Program" economic feasibility study shall be made in general on the basis of capacity of the investment for the development. Development packages will be identified in the area, for instance, Package A in Banten area, Package B along the coast, Package C in the area of Rangka Lake, and so on. In accordance with the identification and those capacities, out-line economic feasibility shall be checked.

5. PHYSICAL PLANNING STUDY

In parallel with the marketing and economic study linked with regional development, physical planning study shall be carried out.

For the long term development programme, out-line of physical development scheme is required but attractive physical image shall be rendered for medium term development programme with recommendation of zoning, land use and transportation.

Further more, plans for short term development shall be established which includes land use plans, zoning code, infrastructure network, road and street lay-out, programming of facilities such as hotels, bungalows, information centre, development authorities office, park and gardens, sport facilities and so on to be drawn up 1 : 5,000 scale map or appropriate scale sketch drawings.

The plans shall show models of development packages and these shall be physical guidelines of future actual development of package areas and facilities.

Particularly an insentive larger scale development shall be illustrated for immediate action of the development and the plans shall be accompanied by technical feasibility study including construction cost estimates.

6. FINANCIAL FEASIBILITY STUDY

In a limitation of short term development program, financial feasibility study shall be carried out for typical development packages and more forcus shall be made to a insentive larger scale development package.

Needles to say but the required financial feasibility study shall be conducted integrally with physical planning study. It is hoped that the study also indicate some possible financial sources as alternatives with description of opportunities and constrains.

7. INSTITUTIONAL AND ORGANIZATIONAL STUDY

The development shall be implemented by a executing authority (s) and/or agency (s). The study needs consideration of legal and administrative aspects of the government of both national and local.

In accordance with character and magnitude of development packages, it may be said that particular package especially an insentive larger scale development needs an establishment government corporation similar to BTDC in Bali and other packages in general needs direct participation of national and/or local government authorities and agencies for controlling the developments.

The most applicable organization of executing agencies shall be studied and recommended.

8. IMPLEMENTATION PROGRAMME

All the studies shall be formulated in implementation programme of each long, medium and short term development scheme and each scheme shall refer to integral parts of regions' comprehensive development.

Implementation programme for short term development shall be in detail accompanied by financial and technical feasibility study and necessary physical plans.

Note : Short Term programme : 3 ~ 7 years
Medium Term programme: 7 ~ 15 years
Long Term programme : 15 ~ 25 years

IV. WORK PROGRAMME

1. STAGE OF THE WORK

Total period of study is sub-divided into 3 stages.

- 1) Stage 1 (3 months) Survey and Assessment
- 2) Stage 2 (3 months) Analysis and Synthesis
- 3) Stage 3 (4 months) Conclusion of Short Term Development

1) STAGE 1

In accordance with detailed work schedule to be made in the very initial stage, survey and investigation as well as the first intensive coordination with the government shall be made in Jakarta, Bandung and the project area. Result of survey and information and data will be analysed in Japan and tourist assets shall be identified and assessed.

Out-line of Long Term development scheme shall be drafted in this stage together with review and study of comprehensive regional development programme.

2) STAGE 2

On the basis identified tourist assets with their surrounding condition analysis made in Stage 1, development packages shall be figured out in connection with regional development scheme. Medium term development plans shall be rendered accompanied by economic feasibility study for each development packages.

3) STAGE 3

In accordance with the study of Stage-1 and Stage-2, further detailed study shall be carried out to select incentive development programme on both larger scale one (s) and typical or standard development to be realized within short term programme.

Particularly, selected and justified an incentive larger scale development programme shall be together with necessary plans of appropriate scale, financial feasibility study and detailed implementation programme.

2. SUBMISSION OF REPORT

- 1) INCEPTION REPORT is to be submitted 3 weeks after the commencement date. The report shall elaborate
 - a. General work programme of all study period.
 - b. Detailed work programme of Stage 1 which includes (1) survey items, (2) data required, (3) coordination meetings with both national and local government agencies, (4) site survey schedule, and (5) work programme in Japan.

- 2) PROGRESS REPORT-1 is to be submitted at the beginning of the 4th months. The report shall consists of :
 - a. Survey and analysis on every aspect
 - b. General findings
 - c. Assessment of every tourist asset
 - d. Out-line of long term development programme
 - e. Detailed work programme of Stage 2.

- 3) PROGRESS REPORT-2 is to be submitted at the beginning of the 7th Month. The report shall consists of :
 - a. Identification and formulation of development packages
 - b. Out-line of economic feasibility study
 - c. Linkage to the regional development
 - d. Physical models of development packages
 - e. Detailed work programme of Stage 3.

- 4) SUMMARY OF DRAFT FINAL REPORT is to be submitted at the end of 8th Month. The report shall elaborate :
 - a. Improved long term development programme
 - b. Improved medium term development plans
 - c. Out-line of short term development implementation scheme

- d. Out-line of physical models of typical or standard development package
 - e. Out-line of an incentive larger scale development plans, programmes and implementation programme together with financial feasibility study.
 - f. Contents of Final Report and particulars.
- 5) FINAL REPORT is to be submitted immediately after the end of 10th Month. The report shall compile all results of the study and details of Summary of Draft Final Report.

3. TEAM ORGANIZATION

1) STEERING COMMITTEE

There will be two steering committees. One is foreign government steering committee and the other is Indonesian government steering committee headed by Directorate general of Tourism, the Ministry of Tourism, Posts and Telecommunication. The steering committee involves various government agencies from the Ministry of Tourism, Posts and Telecommunication, the Ministry of Home affairs, the Ministry of Public Works, the Ministry of Communications, the Ministry of Environment, the Ministry of Education and Culture, the Ministry of Industry and West Java Provincial Government.

Meetings of the steering committee will be held in principle immediately after submission of every report of the study and also some meetings will be held time to time and discuss and decide basic policy matters.

2) COORDINATION

Under the initiative of the Directorate general of Tourism, several government agencies, Kanwil West Java, Dinas Pariwisata, Bapparda and West Java Bappeda will coordinate with expert team.

3) FOREIGN EXPERT TEAM

Under management and guidance, foreign expert team shall render the required study. Foreign expert team may consists of 4 groups such as :

- a. Management core group
 - Tourism Planner
 - Physical Planner
 - Regional Planner

- b. Science research group
 - Ecologist/nature preservation
 - Marine Ecologist
 - Geologist
 - Sociologist
 - Archaeological
 - Environment Assessment Expert

- c. Economic study group
 - Regional Economist
 - Market Analyst
 - Development Economist
 - Financial Economist
 - Institutional Planner

- d. Physical planning group
 - Physical Planner
 - Transportation Planner
 - Civil Engineer
 - Architect
 - Landscape Architect
 - Utility Engineer

4) INDONESIAN COUNTERPARTS TEAM

Indonesian Counterparts team will work together with foreign expert team mostly in Indonesia. Some important joint work will be done in Japan to maintain continuity of the study.

The team is conformed by Indonesian government officials, experts of government institutions and local consultants.

4. STAFFING SCHEDULE

In accordance with sequence of required study work, each expert shall be assigned to render his work.

- See Staffing Schedule Chart of the following pages.

FOREIGN EXPERT TEAM

STAFFING SCHEDULE

Assignment	Month	1	2	3	4	5	6	7	8	9	10	M/M	Work in Indonesia
1. Tourism Planner (Proj. Mgr.)												10	(6)
2. Regional Planner (Coordinator)												6	(4)
3. Ecologist (Nature Preservé)												2	(1)
4. Marine Ecologist												2	(1)
5. Geologist												2	(1)
6. Sociologist												2	(1)
7. Archaeologist												2	(1)
8. Environment Assessment												2	(1)
9. Regional Economist												6	(3)
10. Market Analyst												6	(3)
11. Development Economist												7	(3)
12. Financial Economist												7	(3)
13. Institutional Planner												7	(3)
14. Physical Planner (DPM)												9	(4)
15. Transportation Planner												5	(2)
16. Civil Engineer												7	(3)
17. Architect												7	(3)
18. Landscape Architect												7	(3)
19. Utility Engineer												4	(2)
												100	(45)

Work in Japan Work in Indonesia

INDONESIAN COUNTERPART TEAM

STAFFING SCHEDULE (Indonesian Counterparts)

Assignment	Month	1	2	3	4	5	6	7	8	9	10	M/M	Work in Indonesia
1. Regional Planner												8.0	2.0
2. Market Analyst												5.0	1.0
3. Financial Economist												4.0	1.0
4. Legal Matter Spec.												4.0	1.0
5. Institution Specialist												5.0	2.0
6. Ecologist												1.0	-
7. Marine Ecologist												1.0	-
8. Geologist												1.0	-
9. Sociologist												1.0	-
10. Socio-Cultural Spec.												1.0	-
11. Archaeologist												1.0	-
12. Physical Planner												6.0	2.0
13. Transportation Planner												5.0	1.0
14. Road Engineer												3.0	-
15. Architect												3.0	-
16. Landscape Architect												3.0	-
17. Botanist												3.0	-
18. Utility Engineer												3.0	-
19. Electrical Engineer												3.0	-
												61.00	10.00

Work in Japan  Work in Indonesia

V. COST ESTIMATES

1. FOREIGN EXPERT TEAM, FOREIGN CURRENCY

a. Experts 100 M/M x USS 3,000 =	US \$ 300,000.--
b. Duty Place Allowance and Hotel Accommodation 45 M/M x USS 2,400 =	US \$ 108,000.--
c. Airfare - International air-fare including relevant expenditure 31 return trips x USS 1,800 =	US \$ 55,800.--
d. Report Preparation Cost	US \$ 50,000.--
e. Training(Fellowship) 10 M/M Hotel Accommodation USS 2,250 x 10 M/M =	US \$ 22,500.--
International Air-fare USS 1,800 x 7 trips =	US \$ 12,600.--
Text Book - etc. =	US \$ 1,100.--
f. Equipment	US \$ 260,000.--
g. Contingency	US \$ 90,000.--
<hr/>	
TOTAL	US \$ 1,400,000.--

Fee and Cost for Counterparts.

a. Experts 61 M/M x Rp. 2,000,000 =	Rp. 122,000,000.--
b. Hotel Accommodation and Allowance on the Project sites Rp.50,000 x4.75 x 30 days =	7,125,000.--
c. Transportation for Survey 10 vehicles x 10 days x Rp.100,000.- =	10,000,000.--
d. Helicopter Charter 10 hours x Rp.300,000.- =	3,000,000.--
e. Transportation for Office operation by Foreign Experts 20 vehicle-month x Rp. 850,000 =	17,000,000.--
f. Office Supporting Staff	20,000,000.--
g. Office Space and Running Cost	45,000,000.--
h. Equipment	40,000,000.--
i. Contingencies	35,875,000.--
<hr/>	
Total	Rp.300,000,000.--

3 収集資料リスト

1. RANCANGAN RENCANA TATA RUANG WILAYAH DAN RENCANA PEMBANGUNAN
PROPINSI DAERAH TINGKAT I JAWA BARAT

KERJA SAMA ANTARA

Sub Direktorat Perencanaan Umum Wilayah

Direktorat Tata Kota Dan Tata Daerah

Direktorat Jenderal Cipta Karya, Departemen Pekerjaan Umum Dengan Badan
Perencanaan Pembangunan Propinsi Daerah Tingkat I Jawa Barat

2. SURVEI UPAH PROPINSI JAWA BARAT 1981

PERWAKILAN BIRO PUSAT STATISTIK KANTOR STATISTIK PROPINSI JAWA BARAT,
BANDUNG MARET 1982

3. PROYEKSI PENDUDUK INDONESIA 1980-2000

BIRO PUSAT STATISTIK JAKARTA INDONESIA

4. PROYEKSI KETENAGAKERJAAN DI JAWA BARAT TAHUN 1981-1990

ANALISISNYA DAN SELAMA REPELITA IV

PROYEK PERENCANAAN TENAGA KERJA DAERAH

5. STATISTIK DISTRIBUSI PROPINSI JAWA BARAT, Desember 1984

KANTOR STATISTIK PROPINSI JAWA BARAT

6. KOLOKIUUM GEOLOGI LINGKUNGAN BANDUNG 29-31, Oktober 1985

DIREKTORAT GEOLOGI TATA LINGKUNGAN

DIREKTORAT JENDERAL GEOLOGI DAN SUMBERDAYA MINERAL

DEPARTEMEN PERTAMBANGAN DAN ENERGI

7. KOLOKIUUM GEOLOGI LINGKUNGAN BANDUNG 29-31, Oktober 1985

DISELENGGARAKAN OLEH DIREKTORAT GEOLOGI TATALINGKUNGAN

DIREKTORAT JENDERAL GEOLOGI DAN SUMBERDAYA MINERAL

DEPARTEMEN PERTAMBANGAN DAN ENERGI

8. RINGKASAN RANCANGAN RENCANA TATA RUANG WILAYAH RENCANA PEMBANGUNAN

PROPINSI DAERAH TINGKAT I JAWA BARAT

KERJA SAMA ANTARA SUB DIREKTORAT PERENCANAAN UMUM WILAYAH

DIREKTORAT TATA KOTA DAN TATA DAERAH, DIT. JEN. CIPTA KARYA, DEP. PEKERJAAN UMUM

DENGAN BADAN PERENCANAAN PEMBANGUNAN DAERAH PROPINSI DAERAH TINGKAT I

JAWA BARAT

9. STATISTIK INDONESIA 1984 (Statistical Year Book of Indonesia)
Biro Pusat Statistik, Jakarta, Indonesia

10. JAWA BARAT DALAM ANGKA 1983
KANTOR STATISTIK PROVINSI JAWA BARAT

11. PRODUK DOMESTIK REGIONAL BRUTO MENURUT WILAYAH PEMBANGUNAN
PROPINSI DT. I JAWA BARAT 1979-83
KANTOR STATISTIK PROPINSI JAWA BARAT BADAN PERENCANAAN PEMBANGUNAN DAERAH
PROPINSI JAWA BARAT

12. Same title as above, 1979-82

13. PENDAPATAN REGIONAL D.K.I. JAKARTA
REGIONAL INCOME OF JKT 1980-83
KANTOR STATISTIK PROPINSI DKI, JAKARTA, JAKARTA STATISTICAL OFFICE

14. PENDADATAN NASIONAL INDONESIA, NATIONAL INCOME OF INDONESIA 1983-84
TABEL POKOK (Main tables) BIRO PUSAT STATISTIK, JAKARTA. INDONESIA

15. INFORMASI DAN IKHTISAR PERMASALAHAN PERHUBUNGAN DI PROPINSI JAWA BARAT
DEPARTEMEN PERHUBUNGAN , BIRO PERENCANAAN, JAKARTA

16. DAERAH TINGKAT I JAWA BARAT

17. KERANGKA RENCANA PELAKSANAAN PERBANGUNAN LIMA
TAHUN KEEMPAT 1984/85-88/89
DIREKTORAT JENDERAL PARIWISATA

18. INSTRUKSI DIREKTUR JENDERAL PARIWISATA NOMOR 01/INST./VIII/82
PEDUMAN PENYUSUNAN KERANGKAN ACUAN TUGAS DALAM PERENCANAAN PENGEMBANGAN
DAERAH TUJUAN WISATA , PROYEK PENGEMBANGAN INDUSTRI PARIWISATA
DIREKTORAT JENDERAL PARIWISATA 83-84

19. PUSAT PENDIDIKAN DAN LATIHAN PARIWISATA, POS DAN TELEKOMUNIKASI
BALAI PENDIDIKAN DAN LATIHAN PARIWISATA BANDUNG,
Exposure BPLP Bandung, JICA TEAM

20. Buku III: RENCANA PEMBANGUNAN LIMA TAHUN JAWA BARAT 1984/85-88/89
PEMERINTAH PROPINSI DAERAH TINGKAT I JAWA BARAT
21. MAKALAH TEKNIS (Interdepartmental guideline)
TENTANG RENCANA KERANGKA DAERAH KABUPATEN DAERAH TINGKAT II, SERANG
(Technical explanation for the land use of KABUPATEN 85-2005, provided for
local and the central government for implementation in programming activity)
DIRECTORAT JENERAL HUMAN SETTLEMENT, DIRECTORAT CITY & REGIONAL PLANNING
22. JAVA & MADURA TOURISM STUDY (of JAVA AND MADURA) Vol. I, May 1975
Netherland Institute of Tourism Development Consultants,
Investors and Development Consultants LTD.
The Republic of Indonesia, Department of Communications
Directorate General of Tourism
23. Same book as above, Final report Volume 3, May '75 (in English)
24. RENCANA PENGELOLAAN '77-'81
CALON TAMAN NASIONAL UJUNG KULON, United Nations Development Programme
Food and Agriculture Organization of the United Nations, Bogor 1977
DITERBITKAN: DIREKTORAT JENDERAL KEHUTANAN
DIREKTORAT PERLINDUNGAN DAN PENGAWETAN ALAM, 1978
25. DEPARTEMEN PERHUBUNGAN
DIREKTORAT JENDERAL PARIWISATA, PROYEK PENGEMBANGAN PARIWISATA JAWA BARAT
PERENCANAAN FISIK, RENCANA TATA LETAK
OBJEK WISATA DAN FASILITAS REKDEAS BANTEN DAN SEKITARNYA, MARET 1981
HABITAT 76, Architects, Planners, Engineers, Consultants
26. Data dan Informasi, SEKTOR PERHUBUNGAN 1985
DEPARTEMEN PERHUBUNGAN
27. INDONESIA- NATIONAL PARKS & NATURE RESERVES
28. INDONESIA-TRAVEL INFORMATION MANUAL
29. INDONESIA HOTEL DIRECTORY '85/86 - DIRECTORATE GENERAL OF TOURISM
30. INDONESIA- DESTINATION OF ENDLESS DIVERSITY
DIRECTORATE GENERAL OF TOURISM , REPUBLIC OF INDONESIA
31. Convention "INDONESIA", DIRECTORAT GENERAL OF TOURISM
32. INDONESIA (A general guide book for Indonesia)
33. MUSEUM INDONESIA by Museum Indonesia Book Committee
YAYASAN HARAPAN KITA, PANITIA PENYUSUN BUKU
34. DAFTAR DAN PETA, JARINGAN JARAN NASIONAL DAN PROPINSI SELURUH INDONESIA
DALAM PELITA IV, DIREKTORAT JENDERAL BINA MARGA
DIREKTORAT BINA PROGRAM JALAN, DEPARTEMEN PEKERJAAN UMUM
35. PETA INDEKS, KECAMATAN DAN DESA / KELURAHAN DI PROPINSI JAWA BARAT DAN
DKI, JAKARTA HASIL PEMETAAN SENSUS PENDUDUK 1980
BIRO PUSAT STATISTIK, JAKARTA , INDONESIA

- 36 .TOURISM IN INDONESIA 1983
- 37 . 1984
- 38 .HIMPUNAN PERATURAN DALAM BIDANG KEPARIWISATAAN 1984
(LAW & REGULATION)
- 39 .INDONESIA TRAVEL INFORMATION MANUAL 1986
- 40 .INDONESIAN TOUR OPERATOR & TRAVEL AGENT DIRECTORY
- 41 .ANGGARAN PROYEK PEMBANGUNAN DIJEN,PARIWISATA
- 42 .INVENTARISASI PRAMUWISATA UMUM BERLISENSI MENURUT DAERAH TAHUN
1985/1986
- 43 .JUMLAH WISATAWAN YANG DIHANDLE OLEH BIRO PERJALANAN SMESTER I TH
1984
- 44 .KEPUTUSAN MENTERI PARIWISATA, POS DAN TELEKOMUNIKASI
NOMOR: KM. 59/PW 002/MPPT-85
TENTANG PERATURAN USAHA KAWASAN PARIWISATA
MENTERI PAREWISATA, POS DAN TELEKOMUNIKASI

Collected drawings from

DIREKTORAT TATA KOTA DAN TATA DAERAH
DIREKTORAT JENDERAL CIPTA CARYA
DEPARTEMEN PEKERJAAN UMUM

1. KEAIRAN Scale; 1:100,000 at LOKASI area
2. PETA LALU LINTAS HARIAN, RATA-RATA TH. '82-83 (Traffic volume map)
3. Administrative boundary map
4. STRUKTUR TATA RUANG Scale 1:50,000 (Road map)
5. RENCANA KERANGKA DAERAH KABUPATEN SERANG Scale, 1:50,000
This is the land use map whiis used for the inter-departmental discussion

Tourism Maps and pamphlets:

A tourist and road map by Carita Beach Hotel showing Carita Beach Area and Krakatau Volcano etc.

Map of Jakarta, DKI Scala: 1:20,000

Indonesia Tourism Map (Central Java and Yogyakarta area)

Map of Bali, 1:180,000

Ujung Kulon National Park pamphlet

Calander of Events 1986 in Indonesia

Coral Island, Southern Seas

Flora and Fauna/ Sunda Islands

West Java, Banten area

Anyer Beach Hotel and Merak Beach Hotel pamphlets

Booklet: Balai Pendidikan Dan Latihan Pariwisata Bandung
(BPLP Bandung, Trainning Centre in Bandung)

そ の 他

電話回線及び配置図表(現況、将来)、マイクロウェーブ通信網図

水資源容量と排水処理量

水資源図(灌漑計画図)

西ジャワ州人口表(レベリタIV)

西ジャワ州道路等級図

工業地域とレクリエーション地域の境界地についてのコメント

4 面会者リスト

(1) コンタクトミッション

① インドネシア側

観光郵政通信省(本省) (DPPS)	計 画 局 課 長	Soetomo
" 観光総局 (DJP)	総 局 長	Joop Ave
	次 長	Andi Mappi Saming
	計 画 課 長	W. V. Pranoto
	計 画 課	George Oemint
	"	Wardiatmo
	"	Tantie Koestantia I. A. I.
	"	Guntur Siregar
	"	Nina
	"	Faried
	"	Romli
	地 域 開 発 課	Nazaruddin
	ホテル観光統計室	Syahrul Gani
西ジャワ州地域局	局 長	H. M. Hanafi
	次 長	Acep Hidayat
		Sambadjo Parikesit
		Haryanto Ba
		Bardjeh
		H. A. Supriyad
	バンドン観光教育 訓練センター	Nico K. Legoh
開発計画庁 本省 (BAPPENAS)	運輸通信観光局	Widjojo, MSc
地域局(西ジャワ) (BAPPEDA)		Pardiono
中央統計局(BPS)		Ibu Siti Nuraini Herdiman
公共事業省 本省(PU)	計 画 局	Kemas Mohamad Nur Asikin
	"	Susilo Sutrisno Dipl HE
住宅総局 (Cipta Karya)	都 市 地 域 課	Eko Y. Suprpto IAP
	"	Nanang Abdullah S.
	"	Mirna Amin

	都市地域課	Nellie M. T. Kusuma
	計画課	Yenni Siti Rostiani
道路総局 (Bina Marga)	計画課	Pardat
水資源総局 (Pengairan)		CH. Nasri
		Beddi J.
		Rubini
		Tarya
地域局(西ジャワ)		Aca Sugandi
人口環境大臣付スタッフ (K L H)	次 長	Isa Karmisa
		N. Heryana
地域局(西ジャワ)		Koesbini L.
運輸省	計画局	Sakri Widhianto
工業省	計画局	Widartanto
	"	Jamil Musanif
農業省	計画局	Ratman
	地域局(西ジャワ州)	Suparno
林業省	"	Axel
* チャリタ クラタカウ ビーチホテル	支配人	

② 日本側

在インドネシア日本大使館	大使	武藤利昭
	一等書記官	宿利正史
JICAインドネシア事務所	次 長	榎本正義
		西尾久光

(2) S/Wミッション

① インドネシア側

観光総局

次 長
計 画 課 長

Andy Mappi Sammeng

W. J. Pranoto

Georgo Oemint

Wardiyanto

Gaiatna Siregar

Tantie Koestantia

Nina

観光郵政通信省

計 画 局

Soetomo

公共事業省住宅総局

計 画 課 長

Joeliarto Irawan

運輸省陸運総局

計 画 課

Rais Bakar

人口環境庁

Arif Suwknr

② 日本側

日本大使館

一 等 書 記 官

宿 利 正 史

〃

宇 塚 公 一

JICA事務所

所 長

遠 藤 英 夫

次 長

榎 本 正 義

青 木 澄 夫

5 提出した質問書

QUESTIONNAIRE

Feb. 1986

Japanese Preliminary Survey Team
on
The Regional Development Project in The Western JAVA
Japan International Cooperation Agency

I. General

1. What is the progress made so far of the Fourth Five Year Plan of Indonesia ?
2. Could you tell us about the relationship between the national and regional development policy, especially the Fourth Five Year Development Plan and the regional development in West JAVA ?
3. Does the Fourth Five Year Development Plan include the development of the Western JAVA area ?
4. What are the objectives of the regional development in this Study and tell us about the Study area ?
5. Did you have any regional development projects for Agriculture, Industry, tourism or Infrastructure etc. ?

II. Carrying out the Study

1. Tell us about the counterparts who assist and cooperate for this Study.
2. We would like to know and confirm whether you have these data shown in the Appendix 1.
3. We would like to ask the cooperation from your side described in the Appendix 2.
4. Tell us about the availability of using computer, if any, the types and usage cost of the machines ?
5. What would you request for the contents of this Study ?

Consideration Items for this Study

1. Objectives :
 - What would be the major objectives and the priority of the regional development ?
2. Maturity of the Study :
 - Do you have any master plans for the regional development for the Western JAVA ?
 - What is the appropriate scale for the master plan and the land use plan ?
 - If you have any development projects, what would be the contents and the development schedule ?
 - Would you tell us about the management, implementation function of tourism authorities such as BTDC ?
3. The range and the study area for the development :
 - Tell us about the range for the regional and tourism development area, and the reasons for the development in connection with the development assets ?
 - How do you determine the development terms such as a short, a medium and a long term etc. ?
 - What would be the industry or the projects to be developed and selection of the development sites ?

Also, reasons for the development ?

4. Others :

- What would be the outline of the New Jakarta-Merak Highway Corridor ?
- What would be the present and future condition of each industry ?
- Do you have any planning criteria for the development such as recreational and educational facilities ?

Concerned Authorities

- BAPPENAS and BAPPEDA
 Biro Pusat Statistik
 Departemen Pariwisata, Pos and Telekomunikasi
 Departemen Industri
 Departemen Pekerjaan Umum
 Departemen Perhubungan
 Departemen Tenaga Kerja
 Direktorat J. Pariwisata
 Direktorat Jenderal Cipta Karya
 and others

LIST OF NECESSARY DATA

(1)

I T E M	SCALE, AREA or RANGE	TIME REQUIRED	AVAILABILITY		AUTHORITY	POSSIBLE SUBMIT TIME	TITLE OF DATA	LANGUAGE
			YES/NO	PLACE OF DATA				
I. NATURAL CONDITION								
Topography	Topographic map (include coastal sea area)	1:250,000 and 1:50,000 (West JAVA)	⊙					
	Chart of sea area	"						
	Geographic map (include sea bottom)	" (Study area)						
	Vegetation map Aerial photos	" (Study area)						
Land use	Land use map	1:50,000 (Study area)	⊙					
	Town planning map	"	⊙					
	Law, regulation and guide line of land use and development (include land zoning map)	whole country and Study area						
Climate	Record of disaster (earthquake, tsunami, landslide and so on)	Study area						
	Meteorological statistics (temperature, wind, rainfall, fog)	long term as possible (Study area)						
Oceanography	Record of strong wind and rainfall	"						
	Tidal current map and tide level wave statistics Record of high wave	Study area " "						

Remarks: We wish to take back ⊙ marked data this time

LIST OF NECESSARY DATA

(2)

I T E M	SCALE, AREA or RANGE	TIME REQUIRED	AVAILABILITY		AUTHORITY	POSSIBLE SUBMIT TIME	TITLE OF DATA	LANGUAGE
			YES/NO	PLACE OF DATA				
I. NATURAL CONDITION (continued)								
Oceanography	Retoral drift Water quality in coastal area	Study area "						
Natural resource	Water resource (map, volume of water supply) Mineral resource (distribution map)	Study area "						
II. SOCIO-ECONOMIC CONDITION [Statistics : 1970 ~ 1984, Projection : 1985 ~ 2000]								
Administration	Administrative boundary map Organization chart (national and local government)	West JAVA concerning Study area	⊙ ⊙					
Population	Population, land area and population density Population by age and by sex Inter-regional migration/emigration Number of household Number of workers by industrial group Birth and death rates Population and land area in Densely Inhabited District	whole country, Jakarta and each city, town and village in West JAVA " " " " " "	⊙ ⊙					

LIST OF NECESSARY DATA

(3)

I T E M	SCALE, AREA or RANGE	TIME REQUIRED	AVAILABILITY		AUTHORITY	POSSIBLE SUBMIT TIME	TITLE OF DATA	LANGUAGE
			YES/NO	PLACE OF DATA				
II. SOCIO-ECONOMIC CONDITION (continued)								
Economy	Gross domestic product (at current prices and constant prices)	whole country, Jakarta and each city, town and village	⊙					
	Gross product by industrial group	"						
	Average family income and expenditure	"						
	Distribution of families by income class	"						
	Wholesale price index and consumer price index	"						
Transportation	Network map of railway, road, air and water	whole country and Study area ; present and future plan	⊙					
	Time-table of railway, air, water and bus service (include sightseeing) Facility and operational conditions of • railway (single track or double) • road (number of lanes, traffic volume) • port (location, each layout, traffic volume) • airport (location, length of runway)	"						

LIST OF NECESSARY DATA

(4)

I T E M	SCALE, AREA OF RANGE	TIME REQUIRED	AVAILABILITY		AUTHORITY	POSSIBLE SUBMIT TIME	TITLE OF DATA	LANGUAGE
			YES/NO	PLACE OF DATA				
III. REGIONAL DEVELOPMENT								
Present situation	Average area and number of persons in a family	Jakarta and Study area						
	Telecommunication network (number of lines and number of calls)	"						
	Energy supply (electricity, gas and others)	"						
	Water supply	"						
	Sewerage and Waste disposal	"						
	Existing building condition (educational, recreational, town centre facilities and so on)	"						
	Park and green zone (occupancy rate)	"						
	Car ownership rate	"						
	Public nuisance (air pollution, noise, water pollution and so on)	"						
Law, regulation and guide line of regional development and environment	"				⊙			
Future plan	Future development project of	Jakarta and Study area						
	• transportation facilities • telecommunications • energy supply • water supply					⊙		

LIST OF NECESSARY DATA

(5)

I T E M	SCALE , AREA or RANGE	TIME REQUIRED	AVAILABILITY		AUTHORITY	POSSIBLE SUBMIT TIME	TITLE OF DATA	LANGUAGE
			YES/NO	PLACE OF DATA				
III. REGIONAL DEVELOPMENT (continued)								
Future plan	<ul style="list-style-type: none"> • sewerage and waste disposal • park and green zone • environmental protection And planning criteria of above items							
Construction and operation cost	Publication of material price at present Publication of construction equipment price at present Publication of minimum wage at present	Study area " "						
IV. TOURISM CONDITION								
Resource	Distribution map of tourism resources and facilities (beach, lake, historic interest and so on) Feature of housing structure, life-style, eating habit and clothes History and legend Festivals and other events Local industry (especially for tourist) Fishing area	whole country and Study area (details) whole country and Study area Study area " " "	◎ ◎ ◎ ◎ ◎ ◎					

LIST OF NECESSARY DATA

(6)

I T E M	SCALE, AREA or RANGE	TIME REQUIRED	AVAILABILITY		AUTHORITY	POSSIBLE SUBMIT TIME	TITLE OF DATA	LANGUAGE
			YES/NO	PLACE OF DATA				
IV. TOURISM CONDITION (continued)								
Tourist industry	List of hotels, lodges and so on (name, address, capacity of accommodation, vacancy rate) Number of tourist interpreter (by language) List of major travel agencies (name, address, number of offices, turnover) List of major transport service agencies : bus, ship, air, rent-a-car and so on (name, address, sort of service, turnover)	Study area " whole country "	⊙ ⊙ ⊙ ⊙					
Statistics (1970~1984)	Number of visitors (foreign and domestic) and future projection Travel frequency of domestic tourist Duration of staying at the major resort and recreational area Tourism income from tourist per capita (foreign and domestic)	whole country (total) and Study area (by facility) whole country whole country whole country and Study area	⊙					

LIST OF NECESSARY DATA

(7)

I T E M	SCALE, AREA or RANGE	TIME REQUIRED	AVAILABILITY		AUTHORITY	POSSIBLE SUBMIT TIME	TITLE OF DATA	LANGUAGE
			YES/NO	PLACE OF DATA				
IV. TOURISM CONDITION (continued)								
Development	Tourism authorities (ex. BTCD) (list, organization chart)	"	⊙					
	Law, regulation and guide line of tourist industry	"	⊙					
	List of enterprises of tourism development : present and on-going (name, address, number of employees and number of specialist)	Study area	⊙					
	Future development project concerning tourism (location, scale)	"	⊙					
	Government policy of tourism (administration, budget, subsidy and so on)	whole country and West JAVA	⊙					
	List of major constructors (name, address, capital)	whole country	⊙					
	List of major consultants for regional development and tourism (name, address and number of specialists)	"	⊙					

UNDERTAKING OF THE GOVERNMENT OF INDONESIA

1. To facilitate the smooth implementation of the Study, the Government of the Republic of Indonesia shall take necessary measures :
 - (a) To secure the safety of a Japanese Study Team
 - (b) To permit the members of the Team to enter, leave and sojourn in Indonesia for the duration of their assignment therein, and exempt them from alien registration requirements.
 - (c) To exempt the members of the Team from taxes, duties and other charges on equipment, machinery and other materials brought into and out of Indonesia for the implementation of the Study.
 - (d) To exempt the members of the Team from income taxes and other charges of any kind imposed on in connection with the implementation of the Study.
 - (e) To provide the necessary facilities to the Team for the remittance as well as utilities of fund introduced in Indonesia from Japan in connection with the implementation of the Study.
 - (f) To provide medical services as needed and its expenses will be chargeable on the members of the Team.
 - (g) To secure permission for entry into private properties or restricted areas for the conduct of the Study.
 - (h) To secure permission to take all data and documents related to the Study out of Indonesia to Japan by the Team.
2. The Government of the Republic of Indonesia shall bear claims, if any arises against the members of the Team resulting from, occurring in the course of, or otherwise connected with the discharge of their duties in the implementation of the Study, except when such claims arise from gross negligence or willful misconduct on the part of the Japanese members of the Team.
 3. (NAME OF COUNTERPART AGENCIES) shall act as counterpart agency to the Team and also as coordinating body in relation with other governmental and non-governmental organizations concerned for the smooth implementation of the Study.
 4. (NAME OF COUNTERPART AGENCIES) shall, at its own expense, provide the Team with the following, in cooperation with other relevant organizations :
 - (a) Available data and information related to the Study
 - (b) Counterpart personnel
 - (c) Suitable office space with necessary equipment
 - (d) Identification cards
 - (e) To arrange the vehicles necessary to the implementation of the Study

6 調査対象地域の写真



プラウ・ドゥア (バード・サンクチュアリ)

バンテン周辺



オランダ 砦 跡



スルタン王宮跡

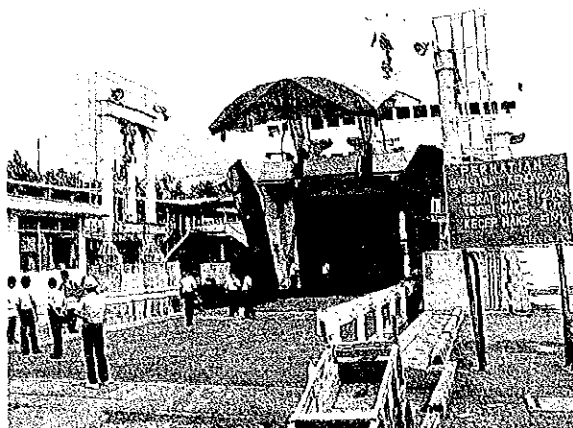


中国寺院



歴史博物館

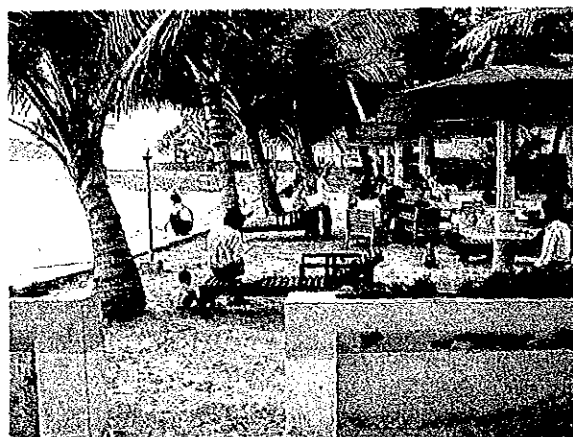
メ ラ ク
ア ニ エ ル



メラク港 フェリーターミナル



メラク・ビーチ



メラク・ビーチ



アニエル・ビーチ

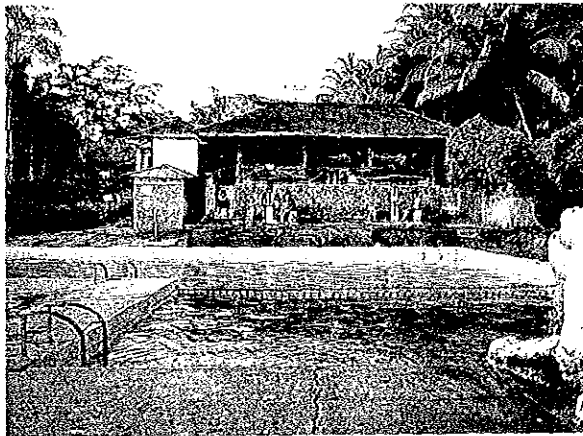


アニエル・ビーチ・ホテル

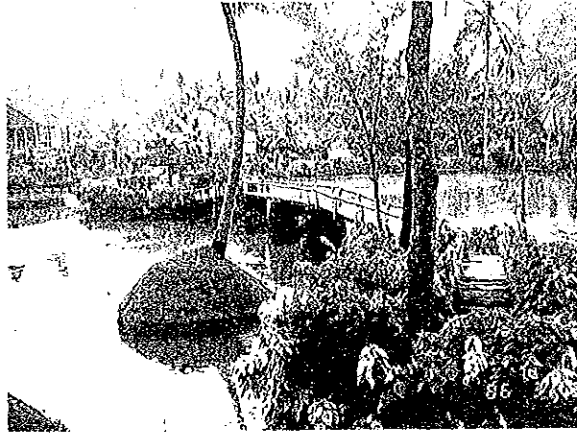


チクダル湖

内 陸 の 湖 ・
温 泉



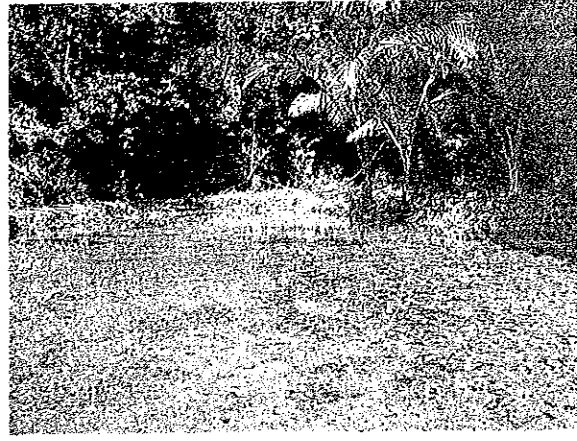
バトゥクウン温泉



バトゥクウン温泉



チパナス付近の温泉



チパナス付近の温泉

カランボロン

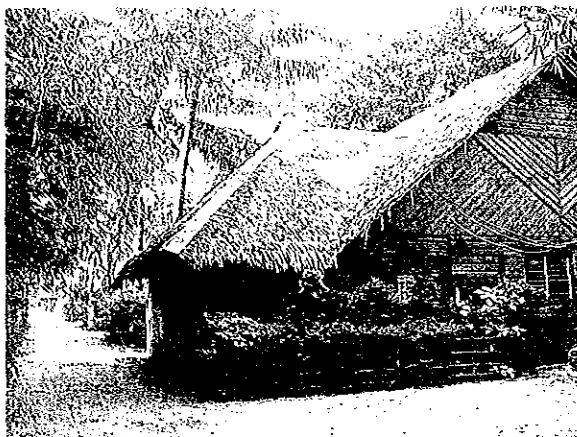
チャリタ・ビーチ



カランボロン



チャリタ・ビーチ



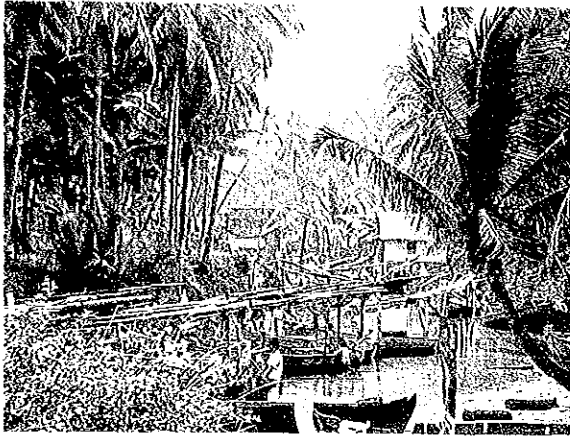
チャリタ・クラカタウ・ビーチ・ホテル



チャリタ・ビーチ遠望



チャリタ付近の海岸の夕景



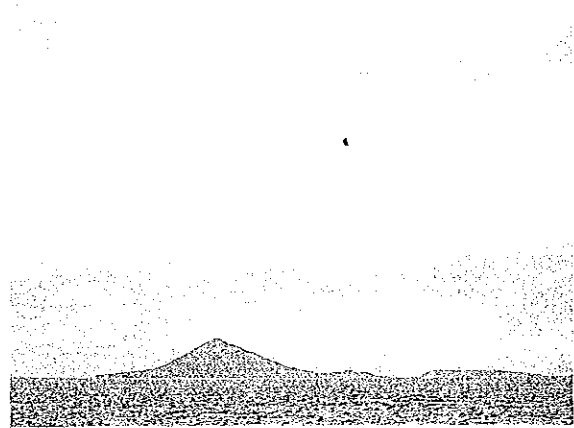
ラプアンの漁港

ラプアン・

クラカタウ火山島



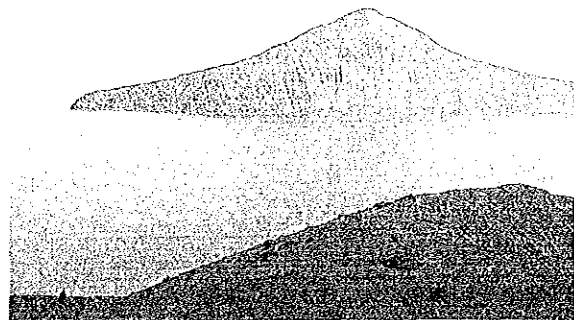
ラプアンの魚市場



クラカタウ諸島遠望



クラカタウ・アナック（活火山）



ラカタ島（クラカタウの最高峰）

ウジュンクロン・

プチャン島

野生動物の展望台



野生動物のエサ場



プチャン島のビーチ



プチャン島の栈橋



プチャン島の野生のサル

JICA

1