

5. 提言

以上に上げた問題点の多くは、複雑で広範にわたり、単純な問題解決にはつながらないものである。様々なレベルで作用する広範な政策や事業が必要である。しかし、この調査の結果からいくつかの提言が引き出せる。これらの提言は、案件の形成とデザインにおける具体的な問題に向けられており、各種の援助プロジェクトに適用できるものである。

5. 1 主要な地域テーマと特別な問題点

南部スマトラ地域が共通して抱えるいくつかの主要な開発テーマを以下に示す。続いて、地域全体の特別な社会問題を示す。

5. 1. 1 主要な地域テーマ

- 1) 社会文化的要素が、地域の開発パターンを形作るのに大きな影響を与えている。
- 2) 地域の原住民族と外部からの移民それぞれが種々の文化形態、様々なadat形態及び社会組織形態を持っている。
- 3) これらのパターンが、村落行政の計画と運営、土地利用、コミュニティレベルでの環境管理、そして労働力組織など多くのことに影響を与えている。
- 4) 人口の急増と変化する生産形態が、資源利用の強度化に大きく影響を与えてきた。
- 5) その結果、農村は急速に変化しつつあり、その住民にはプラスとマイナス両方の影響を与えている。

5. 1. 2 特別な問題点

- 1) この地域の多くの村は、決め事、紛争解決、共同作業にadat組織を使っているが、これらの組織はめったに開発過程に関与するべく求められていない。
- 2) 多くの村では、LKMDとLMDは比較的弱い。
- 3) 従来のコミュニティレベルの環境管理機構は弱体化し、またはなくなっている。
- 4) 土地を持たない、技能のない農民が都市や環境的に脆弱な土地に流入するのを防ぐため、移動を少なくするための小農保護策が必要である。
- 5) 資源利用の強化は、小農や伝統的な森林利用民を含む多くの農民にマイナスの影響を与えている。

- 6) 貧農家族が都市に移住し、都市貧民やインフォーマルセクターが増えている。彼らを受け入れるべく都市計画とサービス供給に特別な措置が必要である。
- 7) 地域内でも多くの若者が高等学校を卒業するが、その多くは仕事がない。

5. 2 開発についての提言

計画の3大原則を以下に示す。そのあとに個別問題点に関する詳しい提言を示す。

5. 2. 1 計画の原則

- 1) 南部スマトラでの開発プロジェクトの詳細な計画と設計には、文化および人口の形態を考慮しなければならない。
- 2) 計画づくりにおいてコミュニティに諮ることは、開発への人々の参加や貢献の意欲と能力を高め、また開発による恩恵を受ける能力を高める。これで彼らは開発の「対象」ではなくて「主体」となるのである。
- 3) 住民の生活に直接影響するフィージビリティ及び設計調査には社会分析が必要である。失職や移転を伴うようなプロジェクトについては、特にこれが必要である。このような事態が予測できる場合は、影響を最小限にとどめるために、社会分析がフィージビリティ調査とデザインの一部として必要である。

5. 2. 2 村レベルで動くプロジェクトやプログラムに対する提言

- 1) 多くのプロジェクトやプログラムは、村レベルでまたは村の組織を通して動いたり、村民との共同作業を含んだりするものである。このようなプロジェクトについては、住民を動員するための特別なデザインおよび実施方法を導入することを勧める。多くの場合、村の計画能力、増収および管理能力を強化するための方策を、プロジェクトデザインの中に組み込むべきで、村落開発に経験が豊富なLSMやLP SMとの協同が一法である。
- 2) これらのプロジェクトにおいて、adatに基づく決め事、計画、共同作業の仕組みを検討することを勧める。それは、できればこれらの仕組みをプロジェクトデザインのなかに

取り入れて、コミュニティレベルでの管理能力を高め強化するためである。adatの形態は村ごとに違うことが多い。従って、上記はそれらの形態に従いつつ非公式リーダーを介して動くことを意味する。

- 3) 村には、財務計画や予算作りにおける柔軟性をさらに与えるよう勧める。例えばインプレス資金が見返り資金としてプロジェクトに与えられる場合、その資金の全てまたは一部を、一定の計画づくりを通して、その村が独自に決める開発活動に向けることができるようにする。

5. 2. 3 土地利用と環境に関する提言

- 1) 小農の農業パターンは、この地域への自発的移住により強度と複雑さを増した。世界銀行はこの新しい現実を考慮して州の資源利用計画管理能力を向上させるための勧告をしているが、我々もそれを支持する。これは特に持続性を高めるための環境監視と管理、及び小農の土地登記手続の改善とにあてはまるものである。
- 2) 様々なadatの文化的伝統が、地元集団の組織や土地その他の資源の利用に影響を与えている。これらの形態やその派生形態を考慮して、村レベルで動くプロジェクト、特に土地利用、環境に影響するプロジェクト、または地元民の共同を要するようなプロジェクトの計画と実施をするよう勧告する。
- 3) ジャワの移民は、地元の原住農民を追い出さずに既存の農業システムの中で棲み家を見出すことができれば、この地域内ではうまく受け入れられる。しかし、その際重要なことは、彼らの受入れが徐々になされること、そしてその数が比較的低レベル、おおむね村の人口の25%以下にとどまることである。これはトランス・バンデップ・プロジェクト（既存集落育成事業）に対するヒントである。
- 4) 小農の生産性向上を目指す農業及び農村開発プロジェクトは望ましいものであるが、農業の集約化と面積拡大を、現在のadatと調和を保ちながら環境上の安全限度内で行なうという条件付きである。これで、小面積の保有地では生計を維持できなくなった技能のない農民たちが都会や環境的に脆弱な地域に流れていくのを最小限にとどめることとなる。

- 5) 村レベルで環境上の知識、意識そして安全な土地利用の慣行を向上させることを目的とするプロジェクトを奨励すべきである。このようなプロジェクトは、地元の課題や特性を確実に取り組むためにプロジェクトデザインの要として詳細な社会環境アセスメントをする必要がある。
- 6) マルガ廃止に伴って、政府全レベル及びコミュニティレベルで作用する環境管理システムが必要となった。事業の中から選んで、村に一定の資源に対する責任と統制権を分与し、環境管理に利害関係をもたせることが望ましい。それにより、彼らは自身と将来の子孫のために環境を保護しようとするより強い動機をもつのである。
- 7) 世界銀行は、地方住民の土地保有権を確かなものにするために、小農に関する土地登記手続を簡素化し、低料金で誰にも申込めるものとするを勧めている。これが実現すれば土地の取り上げが減り、農村での土地売買も容易になるであろう。一族の土地についての正式な所有権の問題を解決するには、特別な注意が必要である。adatの権利のもとで所有されていた土地に対するものも含め、補償金が妥当なレベルになれば、土地を手放した小農が新しい生活を始める際の足しになる。
- 8) P I R小農農園における契約農地の割当てにおいては、特に土地を大農園に明け渡した住民に対して、不公平が生じないように、州政府およびカブパテン政府が注意深く監視するよう勧告する。土地の割当てに当っては地元住民が優先されなければならない。
- 9) クブ族については、農業普及、信用供与、農業投入財援助、保健及び教育などの特別事業を含め、基本的社会サービスを改善することで、彼らが定着農業へ難しい移行をする際の支えとなるであろう。彼らには土地保有の確実性を与えるよう勧告する。彼らの土地はそこそこの自給自足農業が保てる程度に広くなければならない。ムシ・ラワスのクブ族が適応した経験からの教訓は、森林減少を受け入れるべく努力しているジャンビのクブ族の場合にも適用できる。ジャンビにおける緩衝地帯の保護森林を維持して、そのクブ族が彼らなりに現代経済に適応していくゆとりを与えるよう勧告する。

5. 2. 4 人的資源開発のための提言

- 1) プロジェクトのフィージビリティ調査とデザインのために、カブパテン及びコタマジャレベルでの情報データベースを改善するような特別な注意を払うよう勧告する。

- 2) プログラム及びプロジェクトの実施を通じて、開発の計画、管理および監視の基礎としてのデータ収集と分析をカブパテンレベルで向上させるべく資源を配分するよう勧告する。統計に見られる傾向の原因を探るなど具体的な問題を掘り下げるためのケーススタディにも予算をつけるべきである。
- 3) 人的資源開発は、例えば保健、教育、販売、村落開発などの分野において、なかんずく農村での注意を要する。湿地帯では（例えば、ムシ・バニユアシンとオガン・コメリン・イリール）社会サービスへのアクセスが難しく、さらに公平なサービスの配分が望まれる。
- 4) 都市部では、インフォーマルセクターを援助する方策が必要である。それは技能訓練、信用供与、小規模工業の振興、収用対象者向けの再訓練、資金貸出事業などである。
- 5) 都市貧困地区向けには、環境衛生を改善するための都市サービスを勧める。これには低コストの適切な上下水・排水設備、ゴミ収集、環境衛生事業が含まれる。これらの事業についてはコミュニティと相談の上計画・設計し、できれば、完成後は彼らが管理するようにすると良い。これは、プロジェクトに地元の公式および非公式のコミュニティ組織が事業実施できるよう訓練・強化する方策も含まれるべきであるということである。
- 6) 都市計画戦略は、インフォーマルセクターで働く人々の仕事や生活のパターンに配慮し、彼らが都市計画のために不利益を受けないようにしなければならない。インフォーマルセクターの活動は公式記録にのらないヤミ経済の一部であるので、そこでの労働および生活パターンを知るには特別の調査が必要である。こうして得られたデータに照らせばインフォーマルセクターのニーズを入れ、彼らが開発から利益を受けられるような具体的な計画を作ることができる。都市計画プロセスの重要な一環として、インフォーマルセクター従事者との協議機関を作ることを勧める。
- 7) 農村では生産的な雇用創出の特別な努力が必要である。また、教育サービスを継続し、農村労働力の基礎教育と技能レベルを向上させることについても同様である。さらにまた、農園やプランテーションにおける未熟練日雇い労働者の賃金レベルを妥当なものにする努力を勧める。このセクターでの賃金レベルは、プロジェクト・プログラムのデザインで左右させやすい。

- 8) 高校卒業生の間の高い失業率を解決するべく特別な努力を払うよう勧める。熟練労働力と低・中レベル管理職に焦点を当てた雇用創出戦略が編み出されなければならない。職業訓練と技能開発を強調するプログラムを作るよう勧める。

6. 調査テーマと参加者

社会文化制度調査の参加者は以下のとおりである。

6. 1 ジャンビ大学研究所所長：Ir. Rosyid

1) 農村開発支援における社会制度の役割

フィールド研究者：Armen Mara、Yanuar Fitri、M. Rachmad、Charles、I
Made Sukada、Mahdi Tgaib

2) ジャンビ農村における労働市場パターンの変化に影響する要素

フィールド研究者：Arnoldy Arby、Jamaluddin、Saidin Nainggolan

6. 2 スリビジャヤ大学（UNSR1）研究センター所長：

Dr. Siti Zainab Bakir

1) 南スマトラの3地域（Babat Toman、Semendo、Martapura）における自発的移住が農村の労働力供給と土地利用に与える影響

フィールド研究者：Aisiyah AR、Yusnaini、Tina

2) ムシ・ラウスにおけるクブ族の環境条件と再定住後の適応

フィールド研究者：Achmad Romsan、Usmawadi、Tri Agys Susanto、Didi
Tahyuddin、Joni Emirzon

3) パレンバン都市部スラム街における季節移民の適応に関する社会経済的研究：3地区のケーススタディ

フィールド研究者：Didi Tahyuddin、Ansori Amin、Astina Syarkowi、Hayatuddin

4) 南スマトラ全カブパテンの社会的および経済的福祉指標の比較研究

フィールド研究者：Jousairi H.

5) adat、土地利用および環境に関する村落法変更の評価

フィールド研究者：Hayatuddin、Simon Simonse

6. 3 ベンクル大学研究所事務長：Dr. Dwinardi Apriyanto

1) ベンクル農村地域における大規模プランテーション導入に伴う慣習的地価の変化

フィールド研究者：Mirza Yasben、Rezi Erdiansyah

2) 村落レベルでの社会的団結が村の開発に与える貢献：南ベンクルのケーススタディ

フィールド研究者：Sudarwan

6. 4 ランボン大学研究所所長：Dr. Muhajir Utomo

1) ランボン州における農村開発の問題点：村落組織の役割分析

フィールド研究者：Bambang Sumitro、Sudjarwo、Budiono、Buchori Asyik、Kadir

補章2 マクロ経済フレームワーク資料

表1 GDP (1983-1989年)

(1983 constant prices)

Province	GDP (Rp billion)									Annual Growth Rate (%)												Percentage Share (%)			
	1983	1984	1985	1986	1987	1988	1989	83-84	84-85	85-86	86-87	87-88	88-89	89-89	1983	1984	1985	1986	1987	1988	1989				
Jawa	Agriculture	202	213	219	229	247	263	274	3.3	2.7	4.8	8.0	6.4	4.1	5.2	42.5	42.5	40.8	40.1	41.3	39.3	38.7			
	Mining	2	2	2	2	2	2	2	-3.4	-11.2	-3.8	-16.2	-4.9	3.0	-6.3	0.5	0.5	0.4	0.4	0.3	0.2	0.2			
	Manufacturing	41	50	69	73	80	98	111	23.1	37.8	5.9	10.1	22.0	13.5	18.3	8.5	10.0	12.9	12.0	13.4	14.5	15.7			
	Services	229	235	246	257	270	307	320	2.5	4.5	8.8	1.0	13.8	4.2	5.7	48.3	47.0	45.9	45.8	45.0	45.8	45.3			
GDP	475	500	535	572	599	670	707	5.4	7.0	6.8	4.9	11.8	5.5	6.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
South Sumatra	Agriculture	674	718	752	786	810	842	885	6.5	4.7	4.4	3.1	3.9	5.1	4.6	26.4	27.2	27.3	25.7	25.0	24.8	24.1			
	Mining	188	168	163	177	202	229	284	-10.8	-2.9	8.6	14.1	13.3	24.4	7.1	7.4	6.4	5.9	6.0	6.4	6.7	7.7			
	Manufacturing	443	442	462	511	569	643	706	-0.2	4.5	10.7	11.4	12.9	9.2	8.1	17.3	16.7	16.7	17.4	18.1	18.9	19.2			
	Services	1,250	1,315	1,383	1,468	1,560	1,695	1,803	5.2	5.2	6.1	6.3	8.0	7.0	6.3	48.9	49.8	50.1	49.9	49.7	49.6	49.0			
GDP	2,535	2,643	2,760	2,942	3,141	3,398	3,678	3.4	4.4	5.6	6.8	8.2	9.2	6.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
Bengkulu	Agriculture	123	129	131	151	164	166	170	4.6	1.6	15.2	8.3	1.7	2.4	5.5	47.3	46.4	43.7	45.5	45.8	42.3	40.4			
	Mining	2	2	2	5	11	19	25	4.5	21.1	172.9	100.0	70.2	35.8	58.9	0.6	0.6	0.7	1.5	3.0	4.7	6.0			
	Manufacturing	4	5	6	8	9	11	12	14.2	28.1	26.2	13.2	14.9	15.0	18.5	1.7	1.8	2.2	2.5	2.6	2.7	2.9			
	Services	131	145	160	167	174	198	214	8.5	12.3	4.4	3.8	14.0	8.3	8.5	50.4	51.2	53.4	50.4	48.6	50.3	50.8			
GDP	251	278	300	332	357	393	422	6.7	7.7	10.7	7.6	10.1	7.3	8.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
Lampung	Agriculture	476	543	573	629	709	754	796	14.2	5.4	9.9	12.6	6.4	5.6	9.0	44.7	45.6	45.1	45.5	46.4	45.5	44.8			
	Mining	3	3	3	3	4	3	3	5.7	1.8	2.7	2.1	3.5	-7.2	1.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2			
	Manufacturing	94	109	130	140	152	185	198	15.6	19.3	7.6	9.1	21.2	7.3	13.2	6.8	9.1	10.2	10.1	10.0	11.2	11.2			
	Services	482	537	564	610	663	714	778	9.1	5.1	8.2	8.7	7.6	9.2	8.0	46.2	45.0	44.4	44.1	43.4	43.1	43.8			
GDP	1,065	1,192	1,270	1,383	1,528	1,656	1,777	11.9	6.5	8.9	10.5	8.4	7.3	8.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
Region	Agriculture	1,475	1,603	1,674	1,795	1,929	2,025	2,125	8.7	4.4	7.2	7.5	5.0	4.9	6.3	32.9	34.8	34.4	34.3	34.3	32.1	32.3			
	Mining	195	175	170	198	218	252	315	-10.3	-2.7	10.2	16.0	15.8	24.8	8.3	4.5	3.8	3.5	3.6	3.9	4.1	4.8			
	Manufacturing	582	606	667	732	811	936	1,027	4.1	10.1	9.7	10.8	15.4	5.7	9.9	13.4	13.1	13.7	14.0	14.4	15.3	15.6			
	Services	2,103	2,230	2,353	2,513	2,667	2,904	3,116	6.0	5.6	6.8	6.1	8.9	7.3	6.8	48.3	48.3	48.4	48.1	47.4	47.5	47.3			
GDP	4,355	4,614	4,865	5,228	5,626	6,117	6,584	5.9	5.5	7.5	7.6	8.7	7.6	7.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
Nation	Agriculture	17,596	18,513	19,300	19,789	20,274	21,214	21,996	4.6	4.3	2.6	2.1	4.9	3.7	3.7	29.3	29.2	28.9	27.9	26.9	25.3	25.1			
	Mining	1,004	933	968	1,072	1,146	1,201	1,427	-7.1	3.7	10.7	7.0	4.8	18.8	6.0	1.7	1.5	1.4	1.5	1.5	1.5	1.6			
	Manufacturing	7,866	8,663	9,745	10,828	12,064	13,607	15,181	13.0	12.5	11.1	11.4	12.8	11.6	12.1	12.7	13.7	14.6	15.3	16.1	16.9	17.4			
	Services	33,976	35,326	36,871	39,295	41,694	44,693	48,873	4.0	4.4	6.6	6.1	7.2	9.4	6.2	56.3	55.7	55.1	55.3	55.4	55.4	55.9			
GDP	60,343	63,435	66,884	70,994	75,128	80,714	87,477	5.1	5.4	6.1	5.8	7.4	8.4	6.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

Source : BPS, Provincial Income of each Province 1983-1989
 : BPS, National Income of Indonesia 1983-1988
 : BPS, National Income of Indonesia 1984-1989

Remarks :
 (1) Services sector includes all sectors other than Agriculture, Mining and Manufacturing sectors.

(8) DILI/RAS GDP

(1983 constant prices)

Province	Sector	GDP (Rp billion)												Annual Growth Rate (%)												Percentage Share (%)											
		1983	1984	1985	1986	1987	1988	1989	83-84	84-85	85-86	86-87	87-88	88-89	89-89	1983	1984	1985	1986	1987	1988	1989															
Jambi	Agriculture	202	213	219	229	247	263	274	5.3	2.7	4.8	8.9	6.4	4.1	5.2	38.1	38.0	36.4	35.9	34.5	31.2	30.9															
	Mining	59	62	67	69	105	174	182	5.4	8.0	4.1	57.1	59.5	4.5	29.8	11.0	11.0	11.1	10.9	15.2	20.6	20.5															
	Manufacturing	41	50	69	73	80	98	111	23.1	37.8	5.9	10.1	22.0	13.5	13.3	7.7	8.9	11.5	11.4	11.2	11.6	12.5															
	Services	229	235	246	267	280	307	320	2.5	4.5	8.8	4.7	9.8	4.2	5.7	43.2	42.0	40.9	41.8	39.1	36.5	36.1															
	GDP	531	560	606	629	717	843	888	5.5	7.2	6.5	12.2	17.6	5.3	8.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0															
South Sumatra	Agriculture	674	718	732	786	810	842	835	6.5	4.7	4.4	3.1	3.9	5.1	4.5	19.6	18.6	18.6	18.5	19.1	18.7	18.3															
	Mining	829	1,067	1,119	1,147	994	1,006	1,098	28.8	4.9	2.5	-13.3	1.2	9.2	4.8	24.1	27.7	27.6	27.0	23.4	22.3	22.7															
	Manufacturing	685	756	796	848	883	977	1,047	10.4	5.2	6.6	4.1	10.6	7.2	7.3	19.9	19.6	19.6	20.0	20.8	21.7	21.7															
	Services	1,250	1,315	1,383	1,468	1,560	1,685	1,803	5.2	5.2	6.1	6.3	8.6	7.0	6.3	36.4	34.1	34.1	34.5	36.7	37.4	37.3															
	GDP	3,432	3,857	4,051	4,245	4,248	4,510	4,833	12.2	5.0	4.9	0.0	6.2	7.2	5.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0															
Bangkulu	Agriculture	123	129	131	151	164	166	170	4.6	1.6	15.2	8.3	1.7	2.4	5.5	47.3	46.4	43.7	45.5	45.8	42.3	40.4															
	Mining	2	2	2	5	11	19	25	4.5	21.1	172.9	100.0	70.2	36.8	58.9	0.6	0.6	0.7	1.6	3.0	4.7	6.0															
	Manufacturing	4	5	6	8	9	11	12	14.2	26.1	26.2	13.2	14.9	15.0	18.5	1.7	1.8	2.2	2.5	2.6	2.7	2.9															
	Services	131	143	150	167	174	193	214	8.5	12.3	4.4	3.8	14.0	6.5	8.5	50.4	51.2	53.4	50.4	48.6	50.3	50.8															
	GDP	261	278	300	332	357	393	422	6.7	7.7	10.7	7.6	19.1	7.3	8.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0															
Lampung	Agriculture	476	543	575	629	709	754	796	14.2	5.4	9.9	12.6	6.4	5.6	9.0	44.7	45.6	45.1	45.5	46.4	45.5	44.8															
	Mining	3	3	3	3	3	4	3	5.7	1.8	2.7	2.1	3.5	-7.2	1.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2															
	Manufacturing	94	109	130	140	152	185	198	15.6	19.3	7.6	9.1	21.2	7.3	13.2	8.8	9.1	10.2	10.1	10.0	11.2	11.2															
	Services	492	537	564	610	653	714	779	9.1	5.1	8.2	8.7	7.6	9.2	8.0	46.2	45.0	44.4	44.1	43.4	43.1	43.8															
	GDP	1,065	1,192	1,270	1,363	1,528	1,656	1,777	11.9	6.5	8.9	16.5	8.4	7.3	8.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0															
Region	Agriculture	1,475	1,503	1,674	1,795	1,929	2,025	2,125	8.7	4.4	7.2	7.5	5.0	4.9	6.3	27.9	27.2	26.9	27.2	28.2	27.4	26.8															
	Mining	872	1,134	1,191	1,226	1,118	1,202	1,309	27.1	5.1	2.9	-8.8	7.5	8.9	6.6	16.8	19.3	19.2	18.6	16.3	16.2	16.5															
	Manufacturing	824	920	1,001	1,069	1,125	1,271	1,369	11.7	8.8	6.8	5.3	12.9	7.8	8.8	15.6	15.6	16.1	16.2	16.4	17.2	17.3															
	Services	2,103	2,250	2,353	2,513	2,677	2,904	3,116	6.0	5.6	6.8	6.5	8.5	7.3	6.8	39.7	37.9	37.8	38.1	39.1	39.2	39.3															
	GDP	5,294	5,887	6,221	6,603	6,850	7,401	7,920	11.2	5.7	6.1	3.7	8.1	7.0	6.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0															
Nation	Agriculture	17,695	18,513	19,300	19,799	20,224	21,214	21,996	4.6	4.3	2.6	2.1	4.9	3.7	3.7	22.8	22.3	22.7	22.0	21.4	21.2	20.5															
	Mining	16,107	17,120	15,480	16,309	16,366	15,893	16,818	6.3	-9.6	5.3	0.3	-2.9	5.8	0.7	29.7	29.5	18.2	16.1	17.3	15.9	15.6															
	Manufacturing	9,896	12,079	13,431	14,678	16,225	18,182	19,836	22.1	11.2	9.3	10.6	12.0	9.1	12.3	12.7	14.5	15.8	16.3	17.2	18.2	18.4															
	Services	32,976	35,326	36,871	39,295	41,654	44,553	48,873	4.0	4.4	6.6	6.1	7.2	5.4	6.2	42.7	42.5	43.3	43.6	44.1	44.7	45.5															
	GDP	77,676	83,957	85,082	90,081	94,519	99,581	107,523	6.9	2.5	5.9	5.8	7.5	5.5	5.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0															

Source : BPS, Provincial Income of each Province 1983-1989

: BPS, National Income of Indonesia 1983-1988

: BPS, National Income of Indonesia 1984-1989

Remarks :

(1) Services sector includes all sectors other than Agriculture, Mining and Manufacturing sectors.

表2 カブパテン別人口、人口増加率及び人口密度

Province No.	Kabupaten	Population ('000)				Annual Growth Rate (%)				Percentage Share (%)				Population Density (Pop./sq. km)			
		1951	1971	1980	1990	1961-	1971-	1980-	1990-	1961	1971	1980	1990	1961	1971	1980	1990
														(sq. km)			
	Jambi	156	187	241	280	1.82	2.59	1.52	20.9	18.6	15.7	13.9	4,200	37	44	57	67
1	Krinci	112	143	217	250	2.53	4.25	4.88	15.0	14.3	15.0	17.3	14,200	8	10	15	25
2	S.Banko	134	160	217	326	1.79	3.07	4.15	18.0	15.9	15.0	16.1	11,130	12	14	19	29
3	B.Hari	117	215	302	362	6.25	3.45	1.83	15.7	21.4	20.9	18.0	10,200	12	21	30	36
4	I.Jabung	113	142	237	360	2.27	5.27	4.27	15.2	14.1	16.4	17.9	13,500	8	11	18	27
5	B.Teho	115	158	230	340	3.43	3.80	3.98	15.2	15.7	15.9	15.8	206	549	769	1,117	1,649
6	Kogye Jambi	746	1,006	1,444	2,018	3.04	3.69	3.40	100.0	100.0	100.0	100.0	53,435	14	19	27	38
	Total	382	539	751	964	3.51	3.38	2.55	13.8	15.7	16.2	15.4	10,408	37	52	72	93
	South Sumatra	378	446	564	771	1.66	2.38	3.13	13.6	13.0	12.2	12.3	21,638	17	21	26	36
7	O.K.Ulu	332	364	431	586	0.90	1.71	3.13	12.0	10.5	9.3	9.3	5,575	35	38	45	61
8	O.K.Iilir	319	373	485	599	1.85	2.66	2.14	11.2	10.8	10.5	9.5	4,034	77	92	120	149
9	M.Enda	186	252	366	512	3.12	3.79	3.41	6.7	7.3	7.9	8.2	21,513	9	12	17	24
10	Lahat	296	375	591	884	2.38	4.65	4.10	10.7	10.5	12.8	14.1	25,664	12	15	23	34
11	M.Rawas	252	304	400	514	1.90	2.79	2.54	9.1	8.8	8.6	8.2	11,614	22	26	34	44
12	M.Banyuwasin	102	129	164	193	2.31	2.43	1.66	3.7	3.7	3.5	3.1	4,532	23	28	36	43
13	Bangka	475	583	787	1,140	2.06	3.05	3.78	17.1	16.9	17.0	18.2	224	2,120	2,601	3,512	5,089
14	Belitung	60	75	96	113	2.17	1.88	2.31	2.2	2.2	1.9	1.8	52	1,884	2,335	2,815	3,536
15	Kodya Palembang	2,775	3,438	4,528	6,275	2.17	3.02	3.05	100.0	100.0	100.0	100.0	109,254	25	31	42	57
16	Kodya P.Pinang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	-	237	298	368	-	-	2.33	-	-	-	30.8	5,949	-	-	-	-
	Bengkulu	-	288	368	343	-	-	2.47	-	-	-	37.5	4,110	-	-	-	-
17	B.Selatan	-	178	343	343	-	-	6.75	-	-	-	23.2	9,585	-	-	-	-
18	R.Lehong	-	65	170	170	-	-	10.15	-	-	-	8.4	145	-	-	-	-
19	B.Utara	-	768	1,179	1,179	-	-	4.33	-	-	-	100.0	19,789	-	-	-	-
20	Kodya Bengkulu	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	-	1,115	1,582	1,824	-	-	3.57	-	-	-	40.2	5,649	-	-	-	-
	Lampung	-	997	1,691	1,902	-	-	5.42	-	-	-	35.9	9,190	-	-	-	-
21	L.Selatan	-	465	822	1,346	-	-	6.82	-	-	-	16.7	14,418	-	-	-	-
22	L.Tengah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	L.Utara	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	L.Barat	-	199	469	637	-	-	8.94	-	-	-	7.2	10.6	-	-	-	-
25	Kodya B.Lampung	-	2,776	4,525	6,015	-	-	5.24	-	-	-	100.0	35,377	-	-	-	-
	Total	-	11,465	15,491	15,491	-	-	3.06	-	-	-	100.0	217,856	-	-	-	-
	South Sumatra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Source : BPS, Population Census of each Province 1990
 Remarks : Including persons with no residence in Lampung and not including persons with no residence in both Jambi and Bengkulu because of data availability.

表3 非石油・ガスGDP

(A) Framework 1 : 34 National Growth

Province	Sector	GDP (Rp billion)										Average Growth Rate (%)										Percentage Share (%)										
		1990		1995		2000		2005		2010		1990-1995		1995-2000		2000-2005		2005-2010		1990-2010		1990		1995		2000		2005		2010		
Jambi	Agriculture	288	364	456	565	695	836	1,028	1,228	1,428	1,628	1,828	2,028	2,228	2,428	2,628	2,828	3,028	3,228	3,428	3,628	3,828	4,028	4,228	4,428	4,628	4,828	5,028	5,228	5,428	5,628	
	Mining	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	Manufacturing	128	203	320	502	772	1,106	1,540	2,074	2,708	3,342	3,976	4,610	5,244	5,878	6,512	7,146	7,780	8,414	9,048	9,682	10,316	10,950	11,584	12,218	12,852	13,486	14,120	14,754	15,388		
	Services	538	516	779	1,156	1,706	2,256	2,806	3,356	3,906	4,456	5,006	5,556	6,106	6,656	7,206	7,756	8,306	8,856	9,406	9,956	10,506	11,056	11,606	12,156	12,706	13,256	13,806	14,356	14,906	15,456	
	GDP	756	1,086	1,558	2,226	3,177	4,128	5,079	6,030	6,981	7,932	8,883	9,834	10,785	11,736	12,687	13,638	14,589	15,540	16,491	17,442	18,393	19,344	20,295	21,246	22,197	23,148	24,099	25,050	26,001		
South Sumatra	Agriculture	918	1,128	1,372	1,646	1,936	2,236	2,536	2,836	3,136	3,436	3,736	4,036	4,336	4,636	4,936	5,236	5,536	5,836	6,136	6,436	6,736	7,036	7,336	7,636	7,936	8,236	8,536	8,836	9,136	9,436	
	Mining	302	391	487	593	711	829	947	1,065	1,183	1,301	1,419	1,537	1,655	1,773	1,891	2,009	2,127	2,245	2,363	2,481	2,599	2,717	2,835	2,953	3,071	3,189	3,307	3,425	3,543	3,661	
	Manufacturing	878	1,209	1,735	2,445	3,365	4,285	5,205	6,125	7,045	7,965	8,885	9,805	10,725	11,645	12,565	13,485	14,405	15,325	16,245	17,165	18,085	19,005	19,925	20,845	21,765	22,685	23,605	24,525	25,445	26,365	27,285
	Services	1,946	2,678	3,687	5,027	6,856	8,685	10,514	12,343	14,172	16,001	17,830	19,659	21,488	23,317	25,146	26,975	28,804	30,633	32,462	34,291	36,120	37,949	39,778	41,607	43,436	45,265	47,094	48,923	50,752	52,581	
	GDP	4,004	5,406	7,281	9,711	12,868	16,025	19,182	22,339	25,496	28,653	31,810	34,967	38,124	41,281	44,438	47,595	50,752	53,909	57,066	60,223	63,380	66,537	69,694	72,851	76,008	79,165	82,322	85,479	88,636		
Bengkulu	Agriculture	180	231	293	370	463	563	673	793	933	1,093	1,273	1,473	1,693	1,933	2,193	2,473	2,773	3,093	3,433	3,793	4,173	4,573	4,993	5,433	5,893	6,373	6,873	7,393	7,933	8,493	
	Mining	28	44	64	88	118	158	208	268	338	418	508	608	718	838	968	1,108	1,258	1,418	1,588	1,768	1,958	2,158	2,368	2,588	2,818	3,058	3,308	3,568	3,838	4,118	
	Manufacturing	14	24	40	66	106	156	216	286	366	456	556	666	786	916	1,056	1,206	1,366	1,536	1,716	1,906	2,106	2,316	2,536	2,766	3,006	3,256	3,516	3,786	4,066	4,356	
	Services	232	354	518	748	1,038	1,388	1,808	2,298	2,858	3,478	4,158	4,898	5,698	6,558	7,478	8,458	9,498	10,598	11,758	12,978	14,258	15,598	16,998	18,458	19,978	21,558	23,198	24,898	26,658	28,478	
	GDP	454	653	916	1,271	1,775	2,335	2,953	3,631	4,369	5,167	6,025	6,953	7,951	9,029	10,187	11,425	12,743	14,151	15,649	17,237	18,915	20,683	22,541	24,489	26,527	28,655	30,873	33,181	35,579		
Lampung	Agriculture	658	1,124	1,448	1,856	2,352	2,936	3,608	4,368	5,216	6,152	7,176	8,296	9,516	1,0836	1,2256	1,3836	1,5476	1,7176	1,8976	2,0836	2,2756	2,4736	2,6776	2,8876	3,1036	3,3256	3,5536	3,7876	4,0276	4,2736	
	Mining	4	5	6	7	9	11	14	18	23	29	36	44	53	63	74	86	99	113	128	144	161	179	198	218	239	261	284	308	333	359	
	Manufacturing	218	376	650	1,081	1,594	2,194	2,884	3,664	4,534	5,494	6,544	7,684	8,914	1,0234	1,1654	1,3174	1,4794	1,6514	1,8334	2,0254	2,2274	2,4404	2,6644	2,8984	3,1524	3,4164	3,6904	3,9744	4,2684	4,5724	
	Services	849	1,354	2,132	3,226	4,555	6,144	7,988	10,096	12,472	15,116	17,936	20,940	24,128	27,500	31,056	34,784	38,684	42,756	46,992	51,392	55,952	60,672	65,552	70,584	75,768	81,104	86,592	92,136	97,836	103,584	
	GDP	1,938	2,858	4,236	6,279	9,050	12,148	16,168	20,212	24,284	28,384	32,512	36,656	40,816	45,000	49,208	53,440	57,696	61,976	66,280	70,608	74,960	79,336	83,736	88,160	92,608	97,080	101,576	106,096	110,632		
Region	Agriculture	2,254	2,846	3,569	4,447	5,487	6,687	8,047	9,567	11,247	13,087	15,087	17,247	19,567	21,967	24,487	27,127	29,887	32,767	35,767	38,887	42,127	45,487	48,967	53,467	58,087	62,827	67,687	72,667	77,767	82,987	
	Mining	225	441	559	690	840	1,000	1,170	1,350	1,540	1,740	1,950	2,170	2,400	2,640	2,890	3,150	3,420	3,690	3,970	4,260	4,560	4,870	5,190	5,520	5,860	6,210	6,570	6,940	7,320	7,710	
	Manufacturing	1,198	1,812	2,746	4,054	5,938	8,298	11,148	14,488	18,318	22,638	27,458	32,778	38,598	44,918	51,738	59,058	66,878	75,198	84,018	93,338	103,158	113,478	124,298	135,618	147,438	159,758	172,278	185,198	198,518	212,238	
	Services	3,355	4,903	7,117	10,257	14,605	20,253	27,201	35,551	44,801	54,951	65,901	77,651	90,201	103,651	117,901	132,951	148,801	165,451	182,901	201,251	220,501	240,651	261,701	283,651	306,501	330,251	354,901	380,451	406,901	434,251	
	GDP	7,153	10,003	13,991	19,488	26,870	35,936	46,146	57,696	69,684	82,936	98,464	116,296	136,424	158,952	183,784	210,924	240,676	273,128	309,380	349,632	393,884	442,136	494,388	550,640	610,892	675,144	743,396	815,648	891,900		
Nation	Agriculture	22,605	26,205	30,526	35,217	40,628	46,788	53,719	61,430	70,031	79,612	90,173	101,814	114,535	128,446	143,547	159,948	177,749	196,950	217,551	239,552	263,053	288,054	314,555	342,556	372,057	403,058	435,559	469,560	505,061	542,062	
	Mining	1,564	1,804	2,092	2,425	2,811	3,249	3,742	4,291	4,894	5,552	6,266	7,036	7,862	8,744	9,682	10,676	11,726	12,832	13,994	15,212	16,486	17,816	19,202	20,644	22,142	23,694	25,300	26,960	28,674	30,442	
	Manufacturing	17,150	24,053	33,422	45,657	64,830	90,831	123,662	164,413	214,184	273,955	343,726	424,497	517,268	623,039	739,810	868,581	1,012,352	1,173,123	1,351,894	1,549,665	1,767,436	2,005,207	2,261,978	2,538,749	2,836,520	3,145,291	3,495,062	3,885,833	4,317,604	4,781,375	
	Services	53,028	68,326	87,619	111,827	142,044	178,261	220,478	269,695	336,912	413,129	500,346	599,563	711,780	838,997	982,214	1,147,431	1,335,648	1,553,865	1,809,082	2,095,299	2,413,516	2,765,733	3,247,950	3,861,167	4,558,384	5,341,601	6,214,818	7,181,035	8,243,252	9,394,469	
	GDP	94,345	120,388	153,659	196,125	250,313	316,136	395,968	491,797	607,626	745,455	907,284	1,097,113	1,316,942	1,567,771	1,859,600	2,193,429	2,570,258	3,001,087	3,490,916	4,051,745	4,697,574	5,430,403	6,255,232	7,179,061	8,202,890	9,331,719	10,561,548	11,891,377	13,321,206		

Remarks : Services sector includes all sectors other than agriculture, Mining and Manufacturing sectors.

(B) Framework 2 : \$ National Growth

(1983 constant prices)

Province	Sector	GDP (Rp billion)										Average Growth Rate (%)										Percentage Share (%)					
		1990		1995		2000		2005		2010		1990-1995		1995-2000		2000-2005		2005-2010		1990-1995		1995-2000		2000-2005		2005-2010	
Jambi	Agriculture	238	386	514	688	920	6.0	5.9	6.0	6.0	6.0	5.9	6.0	6.0	6.0	5.9	6.0	6.0	38.1	32.5	26.3	21.0	16.5				
	Mining	2	2	3	3	4	4.0	4.5	5.0	5.5	4.7	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1			
	Manufacturing	128	232	439	826	1,570	12.6	13.6	13.5	13.7	13.3	16.9	19.5	22.4	25.2	28.1			16.9	19.5	22.4	25.2	28.1				
	Services	330	568	1,001	1,756	3,094	10.9	12.0	11.9	12.0	11.7	44.7	47.8	51.2	53.6	55.4			44.7	47.8	51.2	53.6	55.4				
	GDP	736	1,187	1,956	3,272	5,588	9.4	10.5	10.8	11.3	10.5	100.0	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0				
South Sumatra	Agriculture	918	1,172	1,517	1,933	2,453	5.0	5.3	5.5	5.0	5.4	22.9	19.7	16.5	14.0	11.8											
	Mining	302	425	605	869	1,253	7.1	7.3	7.5	7.6	7.4	7.5	7.1	6.6	6.1	5.5											
	Manufacturing	838	1,337	2,274	3,831	6,603	9.8	11.2	11.0	11.5	10.9	20.9	22.5	24.8	27.1	29.3											
	Services	1,946	3,021	4,778	7,453	12,003	9.2	9.6	9.3	10.0	9.5	48.6	50.7	52.1	52.7	53.3											
	GDP	4,004	5,956	9,174	14,136	22,513	8.3	9.0	9.0	9.8	9.0	100.0	100.0	100.0	100.0	100.0											
Bengkulu	Agriculture	180	250	349	464	676	6.8	6.9	6.8	6.9	6.8	39.6	34.7	30.3	26.1	21.7											
	Mining	28	45	73	119	196	10.0	10.2	10.3	10.5	10.2	6.1	6.2	6.3	6.4	6.3											
	Manufacturing	14	26	49	92	176	13.2	13.3	13.5	14.0	13.5	3.1	3.5	4.2	4.9	5.7											
	Services	232	399	681	1,158	2,069	11.4	11.3	11.2	12.3	11.5	51.2	55.4	59.2	62.5	66.4											
	GDP	454	720	1,151	1,853	3,117	9.6	9.9	10.0	11.0	10.1	100.0	100.0	100.0	100.0	100.0											
Lampung	Agriculture	663	1,195	1,652	2,296	3,190	6.6	6.7	6.8	6.8	6.7	44.8	38.0	31.1	25.1	20.1											
	Mining	4	5	6	8	11	4.5	5.0	6.0	7.0	5.6	0.2	0.2	0.1	0.1	0.1											
	Manufacturing	218	438	913	1,893	3,924	15.0	15.8	15.7	15.7	15.5	11.2	13.9	17.2	20.7	24.8											
	Services	649	1,509	2,743	4,944	8,712	12.2	12.7	12.5	12.0	12.3	43.8	47.9	51.6	54.1	55.0											
	GDP	1,538	3,147	5,315	9,149	15,838	10.2	11.1	11.5	11.6	11.1	100.0	100.0	100.0	100.0	100.0											
Region	Agriculture	2,254	3,002	4,032	5,451	7,440	5.9	6.1	6.2	6.4	6.2	21.5	27.3	22.9	19.2	15.8											
	Mining	335	477	687	999	1,465	7.3	7.6	7.8	8.0	7.7	4.7	4.3	3.9	3.5	3.1											
	Manufacturing	1,198	2,034	3,574	5,642	12,273	11.2	12.6	12.6	13.1	12.3	16.7	18.5	20.9	23.4	26.1											
	Services	3,265	5,457	9,203	15,310	25,878	10.3	10.9	10.7	11.1	10.7	47.0	49.9	52.3	53.9	55.0											
	GDP	7,153	11,010	17,596	28,402	47,056	9.0	9.8	10.1	10.6	9.9	100.0	100.0	100.0	100.0	100.0											
Nation	Agriculture	22,695	28,169	35,272	44,167	55,334	4.5	4.6	4.6	4.8	4.6	24.0	21.3	18.3	15.4	12.7											
	Mining	1,564	1,996	2,572	3,330	4,352	5.0	5.2	5.3	5.5	5.2	1.7	1.5	1.3	1.2	1.0											
	Manufacturing	17,150	28,253	47,394	78,788	134,567	10.5	10.9	10.7	11.3	10.8	18.2	21.3	24.6	27.5	30.6											
	Services	53,028	74,028	107,768	159,818	244,774	6.9	7.8	8.2	8.9	7.9	56.2	55.9	55.8	55.9	55.7											
	GDP	94,346	132,447	193,006	286,103	439,527	7.0	7.8	8.2	9.0	8.0	100.0	100.0	100.0	100.0	100.0											

Remarks : Services sector includes all sectors other than agriculture, Mining and Manufacturing sectors.

(C) Framework 3 : 63 National Growth

(1983 constant prices)

Province	Sector	GDP (Rp billion)										Annual Growth Rate (%)										Percentage Share (%)				
		1990		1995		2000		2005		2010		1990-1995		1995-2000		2000-2005		2005-2010		1990	1995	2000	2005	2010		
		1990	1995	2000	2005	2010	1990-1995	1995-2000	2000-2005	2005-2010	1990-1995	1995-2000	2000-2005	2005-2010	1990	1995	2000	2005	2010							
Jambi	Agriculture	288	379	495	644	833	5.6	5.5	5.4	5.3	5.4	38.1	33.7	29.6	25.7	21.9										
	Mining	2	2	2	3	3	2.5	3.0	3.5	3.5	3.1	0.2	0.2	0.1	0.1	0.1										
	Manufacturing	128	209	340	560	922	10.3	10.2	10.5	10.5	10.4	16.9	12.5	20.3	22.3	24.2										
	Services	338	533	835	1,302	2,050	9.5	9.4	9.3	9.5	9.4	44.7	47.5	49.9	51.9	53.8										
	GDP	756	1,122	1,672	2,598	3,809	8.2	8.3	8.5	8.7	8.4	100.0	100.0	100.0	100.0	100.0										
South Sumatra	Agriculture	918	1,172	1,481	1,864	2,323	5.0	4.8	4.7	4.5	4.7	22.9	21.0	19.0	17.0	15.0										
	Mining	302	397	518	665	840	5.6	5.5	5.1	4.8	5.2	7.5	7.1	6.6	6.1	5.4										
	Manufacturing	838	1,237	1,834	2,733	4,090	8.1	8.2	8.3	8.4	8.2	20.9	22.2	23.5	24.5	25.4										
	Services	1,946	2,767	3,973	5,704	8,265	7.3	7.5	7.5	7.7	7.5	48.6	49.7	50.9	52.0	53.3										
	GDP	4,004	5,573	7,807	10,965	15,518	6.8	7.0	7.0	7.2	7.0	100.0	100.0	100.0	100.0	100.0										
Bengkulu	Agriculture	180	239	316	415	542	5.9	5.7	5.6	5.5	5.7	39.6	35.5	32.2	29.0	25.4										
	Mining	28	45	69	103	148	10.2	8.8	8.4	7.5	8.7	6.1	6.7	7.0	7.2	6.9										
	Manufacturing	14	25	43	70	115	12.5	11.0	10.6	10.3	11.1	3.1	3.7	4.3	4.9	5.4										
	Services	232	364	553	843	1,333	9.4	8.7	8.8	9.6	9.1	51.2	54.0	56.4	58.9	62.3										
	GDP	454	674	980	1,431	2,138	8.2	7.8	7.9	8.4	8.1	100.0	100.0	100.0	100.0	100.0										
Lampung	Agriculture	668	1,151	1,518	1,984	2,569	5.8	5.7	5.5	5.3	5.6	44.8	39.1	32.4	28.1	23.5										
	Mining	4	5	6	8	11	4.5	5.0	6.0	7.0	5.6	0.2	0.2	0.1	0.1	0.1										
	Manufacturing	218	389	702	1,207	2,208	12.3	12.5	12.2	12.1	12.3	11.2	13.2	15.5	17.7	20.2										
	Services	849	1,398	2,314	3,811	6,138	10.5	10.6	10.5	10.0	10.4	42.8	47.5	51.0	54.1	56.2										
	GDP	1,938	2,943	4,539	7,051	10,927	8.7	9.1	9.2	9.2	9.0	100.0	100.0	100.0	100.0	100.0										
Region	Agriculture	2,254	2,946	3,810	4,906	6,257	5.5	5.3	5.2	5.0	5.2	31.5	28.5	25.4	22.3	19.3										
	Mining	335	448	596	779	1,093	6.0	5.8	5.5	5.2	5.6	4.7	4.3	4.0	3.5	3.1										
	Manufacturing	1,198	1,851	2,918	4,610	7,336	9.2	9.4	9.6	9.7	9.5	16.7	18.0	19.5	21.0	22.6										
	Services	3,265	5,052	7,574	11,660	17,796	8.5	8.7	8.7	8.8	8.7	47.0	49.1	51.2	53.1	54.9										
	GDP	7,153	10,312	14,998	21,956	32,352	7.6	7.8	7.9	8.1	7.8	100.0	100.0	100.0	100.0	100.0										
Nation	Agriculture	22,605	26,450	31,124	36,767	43,692	3.2	3.3	3.4	3.5	3.3	24.0	21.4	18.9	16.6	14.4										
	Mining	1,564	1,903	2,206	2,496	2,824	4.0	3.0	2.5	2.5	3.0	1.7	1.5	1.3	1.1	0.9										
	Manufacturing	17,130	25,906	38,775	56,710	82,556	8.6	8.4	7.9	7.8	8.2	18.2	20.9	23.6	25.6	27.2										
	Services	52,028	69,635	92,311	125,292	174,092	5.6	5.8	6.3	6.8	6.1	56.2	56.2	56.1	56.6	57.4										
	GDP	94,346	123,904	164,416	221,284	303,164	5.6	5.8	6.1	6.5	6.0	100.0	100.0	100.0	100.0	100.0										

Remarks : Services sector includes all sectors other than the agriculture, mining and manufacturing sectors.

表4 石油・ガスGDP

(A) Framework 1 : 5% National Growth

(1983 constant prices)

Province	Sector	GDP (Rp billion)										Annual Growth Rate (%)										Percentage Share (%)						
		1990		1995		2000		2005		2010		1990-1995		1995-2000		2000-2005		2005-2010		1990-1995		1995-2000		2000-2005		2005-2010		
Jambi	Agriculture	289	364	456	565	695	4.8	4.6	4.4	4.2	4.5	30.6	28.0	25.2	22.5	19.2												
	Mining	187	217	252	292	339	3.0	3.0	3.0	3.0	3.0	19.9	16.7	13.9	11.6	9.6												
	Manufacturing	128	203	320	502	772	9.7	9.5	9.4	9.0	8.4	13.6	15.6	17.7	20.0	22.0												
	Services	339	516	779	1,156	1,706	8.8	8.6	8.2	8.1	8.4	35.9	39.7	43.1	45.9	48.6												
	GDP	942	1,301	1,808	2,516	3,513	6.7	6.8	6.8	6.8	6.8	100.0	100.0	100.0	100.0	100.0												
South Sumatra	Agriculture	918	1,728	1,372	1,646	1,956	4.2	4.0	3.7	3.3	3.8	17.9	16.7	15.4	14.1	12.7												
	Mining	1,120	1,339	1,586	1,867	2,188	3.6	3.4	3.3	3.2	3.4	21.8	19.8	17.8	16.0	14.4												
	Manufacturing	1,158	1,617	2,256	3,110	4,214	5.9	6.3	6.6	6.3	6.7	22.5	23.9	25.3	26.7	27.7												
	Services	1,946	2,678	3,687	5,027	6,856	6.6	6.6	6.4	6.4	6.5	37.8	39.6	41.4	43.2	45.1												
	GDP	5,141	6,762	8,901	11,550	15,193	5.6	5.7	5.5	5.5	5.6	100.0	100.0	100.0	100.0	100.0												
Bengkulu	Agriculture	180	231	293	370	463	5.1	4.9	4.8	4.6	4.8	39.6	35.3	32.0	29.1	26.1												
	Mining	28	44	64	88	118	9.4	8.0	6.5	6.0	7.5	6.1	6.7	7.0	6.9	6.6												
	Manufacturing	14	24	40	66	105	11.8	10.6	10.2	10.0	10.6	3.1	3.7	4.4	5.2	6.0												
	Services	232	354	518	748	1,088	8.8	7.9	7.6	7.8	8.0	51.2	54.3	56.6	58.8	61.3												
	GDP	454	653	916	1,271	1,775	7.5	7.0	6.8	6.9	7.1	100.0	100.0	100.0	100.0	100.0												
Lampung	Agriculture	868	1,124	1,448	1,856	2,352	5.3	5.2	5.2	5.1	5.2	44.8	39.3	34.2	29.7	26.5												
	Mining	4	5	6	7	9	3.5	4.0	4.5	4.5	4.1	0.2	0.2	0.1	0.1	0.1												
	Manufacturing	218	376	650	1,081	1,694	11.5	11.6	10.7	9.4	10.8	11.2	13.1	15.4	17.2	18.7												
	Services	849	1,354	2,132	3,326	4,955	9.8	9.5	9.3	8.3	9.2	43.8	47.4	50.3	53.0	54.8												
	GDP	1,939	2,858	4,236	6,279	9,050	8.1	8.2	8.2	7.6	8.0	100.0	100.0	100.0	100.0	100.0												
Region	Agriculture	2,254	2,846	3,569	4,447	5,487	4.8	4.6	4.5	4.3	4.5	26.6	24.6	22.5	20.5	18.6												
	Mining	1,339	1,605	1,968	2,254	2,653	3.7	3.5	3.4	3.3	3.5	15.8	13.9	12.0	10.4	9.0												
	Manufacturing	1,518	2,220	3,267	4,759	6,786	7.9	8.0	7.8	7.4	7.8	17.9	19.2	20.6	21.9	23.0												
	Services	3,365	4,903	7,117	10,257	14,605	7.8	7.7	7.6	7.3	7.6	39.7	42.4	44.9	47.2	49.5												
	GDP	8,476	11,574	15,861	21,716	29,531	6.4	6.5	6.5	6.3	6.4	100.0	100.0	100.0	100.0	100.0												
Nation	Agriculture	22,685	26,205	30,526	35,217	40,628	3.0	3.1	2.9	2.9	3.0	19.6	18.0	16.6	15.2	13.9												
	Mining	17,538	20,322	23,559	27,311	31,661	3.0	3.0	3.0	3.0	3.0	15.2	14.0	12.8	11.8	10.8												
	Manufacturing	22,277	30,557	41,773	57,516	78,433	5.6	6.4	6.5	6.5	6.5	19.3	21.0	22.8	24.7	26.8												
	Services	57,028	82,326	111,827	142,044	182,044	5.2	5.1	5.0	4.9	5.0	45.9	47.0	47.8	48.3	48.5												
	GDP	115,447	145,450	182,478	231,671	292,767	4.7	4.8	4.8	4.8	4.8	100.0	100.0	100.0	100.0	100.0												

Remarks : Services sector includes all sectors other than Agriculture, Mining and Manufacturing sectors.

(B) Framework 2 : 88 National Growth

(1993 constant prices)

Province	Sector	GDP (Rp billion)										Annual Growth Rate (%)										Percentage Share (%)				
		1990		1995		2000		2005		2010		1990-1995		1995-2000		2000-2005		2005-2010		1990	1995	2000	2005	2010		
Jambi	Agriculture	288	386	514	688	920	6.0	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	30.6	27.5	22.3	19.3	15.5			
	Mining	187	217	252	293	340	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	19.9	15.5	11.4	8.2	5.7			
	Manufacturing	128	132	439	825	1,570	12.6	13.6	13.5	13.7	13.3	13.6	13.5	13.7	13.3	13.6	13.5	19.9	16.5	19.9	23.2	26.5				
	Services	338	568	1,091	1,756	3,094	10.9	12.0	11.9	12.0	11.7	11.9	12.0	11.7	11.7	11.9	12.0	40.5	45.4	49.3	52.2					
	GP	942	1,403	2,205	3,562	5,924	8.3	9.5	10.1	10.7	9.6	10.0	10.0	10.0	10.0	10.0	10.0	10.0	100.0	100.0	100.0	100.0	100.0			
South Sumatra	Agriculture	918	1,172	1,517	1,983	2,653	5.0	5.3	5.5	6.0	5.4	5.4	5.5	6.0	5.4	5.4	5.4	17.9	16.0	14.1	12.3	10.7				
	Mining	1,120	1,374	1,704	2,143	2,730	4.2	4.4	4.7	5.0	4.6	4.6	4.7	5.0	4.6	4.6	4.6	21.8	18.8	15.8	13.3	11.0				
	Manufacturing	1,158	1,745	2,795	4,456	7,451	8.6	9.9	10.0	10.6	9.8	9.8	10.0	10.6	9.8	9.8	10.6	23.9	25.9	28.0	30.0					
	Services	1,946	3,021	4,778	7,453	12,003	9.2	9.5	9.3	10.0	9.5	9.5	9.3	10.0	9.5	9.5	10.0	37.8	41.3	44.3	46.4	48.3				
	GP	5,141	7,332	10,794	16,075	24,838	7.3	8.1	8.3	9.1	8.2	8.1	8.3	9.1	8.2	8.2	9.1	100.0	100.0	100.0	100.0	100.0				
Bengkulu	Agriculture	180	250	349	484	676	6.8	6.9	6.8	6.9	6.8	6.8	6.9	6.8	6.8	6.8	6.8	39.6	34.7	30.3	26.1	21.7				
	Mining	28	45	73	119	196	10.0	10.2	10.3	10.5	10.2	10.2	10.3	10.5	10.2	10.2	10.2	6.1	6.2	6.3	6.4	6.3				
	Manufacturing	14	26	49	92	176	13.2	13.3	13.5	14.0	13.5	13.5	14.0	13.5	13.5	13.5	3.1	3.6	4.2	4.9	5.7					
	Services	732	399	681	1,158	2,069	11.4	11.3	11.2	12.3	11.5	11.4	11.2	12.3	11.5	11.5	12.3	51.2	55.4	59.2	62.5	66.4				
	GP	454	720	1,151	1,833	3,117	9.6	9.9	10.0	11.0	10.1	10.1	10.0	11.0	10.1	10.1	10.1	100.0	100.0	100.0	100.0	100.0				
Lampung	Agriculture	868	1,195	1,632	2,296	3,190	6.6	6.7	6.8	6.8	6.7	6.7	6.8	6.8	6.7	6.7	6.7	44.8	38.0	31.1	25.1	20.1				
	Mining	4	5	8	11	11	4.5	5.0	6.0	7.0	5.6	5.6	6.0	7.0	5.6	5.6	0.2	0.2	0.1	0.1	0.1					
	Manufacturing	218	438	913	1,893	3,924	15.0	15.8	15.7	15.7	15.5	15.5	15.7	15.5	15.5	15.5	11.2	13.9	17.2	20.7	24.8					
	Services	849	1,509	2,743	4,944	8,712	12.2	12.7	12.5	12.0	12.3	12.2	12.5	12.0	12.3	12.3	43.8	47.9	51.6	54.1	58.0					
	GP	1,938	3,147	5,315	9,140	15,838	10.2	11.1	11.1	11.6	11.1	11.1	11.5	11.6	11.1	11.1	100.0	100.0	100.0	100.0	100.0					
Region	Agriculture	2,254	3,002	4,032	5,451	7,440	5.9	6.1	6.2	6.4	6.2	6.2	6.4	6.2	6.2	6.2	6.2	26.6	23.9	20.7	17.8	15.0				
	Mining	1,339	1,641	2,036	2,553	3,278	4.1	4.4	4.7	5.0	4.6	4.6	4.7	5.0	4.6	4.6	15.8	13.0	10.5	8.4	6.6					
	Manufacturing	1,518	2,442	4,195	7,307	13,122	10.0	11.4	11.7	12.4	11.4	11.4	11.7	12.4	11.4	11.4	37.9	39.4	41.5	43.9	46.4					
	Services	3,365	5,497	9,203	15,516	25,878	10.3	10.9	10.7	11.1	10.7	10.7	10.9	10.7	11.1	10.7	29.7	33.7	37.3	41.3	45.0					
	GP	8,476	12,581	19,455	30,531	49,718	8.2	8.1	8.1	8.5	8.2	8.2	8.1	8.5	8.2	8.2	100.0	100.0	100.0	100.0	100.0					
Nation	Agriculture	22,605	28,169	35,272	44,167	55,234	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	19.6	17.9	15.8	13.7	11.6				
	Mining	17,538	20,514	24,039	28,215	33,262	3.2	3.2	3.3	3.3	3.2	3.2	3.3	3.3	3.2	3.2	15.2	13.9	10.8	8.8	6.9					
	Manufacturing	22,277	34,797	55,745	89,447	148,170	9.3	9.9	9.9	10.6	9.9	9.9	10.6	9.9	9.9	10.6	22.1	25.0	27.8	30.7						
	Services	53,028	74,828	107,768	159,318	244,774	6.9	7.8	8.2	8.9	7.9	7.9	8.2	8.9	7.9	8.2	45.9	47.0	48.4	49.7	50.8					
	GP	115,447	157,508	222,825	321,648	481,980	6.4	7.2	7.6	8.4	7.4	7.4	7.6	8.4	7.4	7.6	100.0	100.0	100.0	100.0	100.0					

Remarks : Services sector includes all sectors other than Agriculture, Mining and Manufacturing sectors.

(C) Framework 3 : 68 National Growth

(1993 constant prices)

Province	Sector	GDP (Rs billion)										Annual Growth Rate (%)										Percentage Share (%)									
		1990-1995		2000-2005		2010-2015		1990-1995		2000-2005		2010-2015		1990-1995		2000-2005		2010-2015		1990-1995		2000-2005		2010-2015							
		1990	1995	2000	2005	2010	2015	1990	1995	2000	2005	2010	2015	1990	1995	2000	2005	2010	2015	1990	1995	2000	2005	2010	2015						
Jambi	Agriculture	288	379	495	644	833	5.6	5.5	5.4	5.3	5.4	5.3	5.4	30.6	28.3	25.7	23.0	20.1													
	Mining	187	217	252	292	339	3.0	3.0	3.0	3.0	3.0	3.0	19.9	16.2	13.1	10.4	8.2														
	Manufacturing	128	289	340	580	922	10.3	10.2	10.5	10.5	10.4	10.5	13.6	15.6	17.7	20.0	22.3														
	Services	338	533	835	1,302	2,050	9.5	9.4	9.3	9.5	9.4	9.5	9.4	35.9	39.8	43.5	46.6	49.5													
	GDP	942	1,338	1,921	2,758	4,145	7.3	7.5	7.8	8.2	7.7	8.2	7.7	100.0	100.0	100.0	100.0	100.0													
South Sumatra	Agriculture	918	1,172	1,481	1,854	2,323	5.0	4.8	4.7	4.5	4.7	4.5	4.7	17.9	15.9	15.7	14.4	13.0													
	Mining	1,120	1,345	1,617	1,939	2,317	3.7	3.8	3.7	3.6	3.7	3.6	3.7	21.8	19.4	17.2	15.0	13.0													
	Manufacturing	1,158	1,645	2,355	3,358	4,959	7.3	7.4	7.6	7.8	7.5	7.8	7.5	22.5	23.7	25.0	26.3	27.7													
	Services	1,946	2,767	3,973	5,704	8,265	7.3	7.5	7.5	7.7	7.5	7.7	7.5	37.8	35.9	42.1	44.2	46.3													
	GDP	5,141	6,925	9,427	12,904	17,844	6.1	6.4	6.5	6.7	6.4	6.7	6.4	100.0	100.0	100.0	100.0	100.0													
Bangshulu	Agriculture	180	239	316	415	542	5.9	5.7	5.6	5.5	5.7	5.5	5.7	39.6	35.5	32.2	29.0	25.4													
	Mining	28	45	69	103	148	10.2	8.8	8.4	7.5	8.7	7.0	6.7	6.1	6.7	7.0	7.2	6.9													
	Manufacturing	14	25	43	70	115	12.5	11.0	10.5	10.3	11.1	3.1	3.7	4.3	4.3	4.5	5.4														
	Services	232	364	553	843	1,333	9.4	8.7	8.8	9.6	9.1	9.6	9.1	51.2	54.0	56.4	58.9	62.3													
	GDP	434	674	980	1,431	2,138	9.2	7.8	7.9	8.4	8.1	8.4	8.1	100.0	100.0	100.0	100.0	100.0													
Langrang	Agriculture	368	1,151	1,518	1,934	2,569	5.8	5.7	5.5	5.3	5.6	5.3	5.6	44.8	39.1	33.4	28.1	23.5													
	Mining	4	5	6	8	11	4.5	5.0	6.0	7.0	5.6	0.2	0.2	0.1	0.1	0.1	0.1														
	Manufacturing	218	389	702	1,247	2,208	12.3	12.5	12.2	12.1	12.3	11.2	12.3	11.2	13.2	15.5	17.7	20.2													
	Services	849	1,398	2,314	3,811	6,138	10.5	10.6	10.5	10.5	10.4	10.4	10.4	43.8	47.5	51.0	54.1	56.2													
	GDP	1,538	2,943	4,539	7,051	10,927	8.7	9.1	9.2	9.2	9.2	9.2	9.0	100.0	100.0	100.0	100.0	100.0													
Region	Agriculture	2,254	2,940	3,810	4,905	6,267	5.5	5.3	5.2	5.0	5.2	5.0	5.2	26.6	24.7	22.6	20.3	17.9													
	Mining	1,339	1,612	1,944	2,342	2,816	3.8	3.8	3.8	3.8	3.8	3.8	3.8	15.8	13.6	11.5	9.7	8.0													
	Manufacturing	1,518	2,269	3,435	5,275	8,184	8.4	8.7	8.9	9.2	8.8	8.9	8.8	17.9	19.1	20.4	21.8	23.3													
	Services	3,465	5,062	7,674	11,660	17,785	9.5	8.7	8.7	8.8	8.7	8.8	8.7	39.7	42.6	45.5	48.2	50.7													
	GDP	8,476	11,884	16,868	24,184	35,053	7.0	7.3	7.5	7.7	7.4	7.7	7.4	100.0	100.0	100.0	100.0	100.0													
Nation	Agriculture	22,605	26,456	31,124	36,787	43,592	3.2	3.2	3.4	3.5	3.3	3.4	3.3	15.6	17.8	16.0	14.3	12.5													
	Mining	17,538	20,421	23,673	27,362	31,674	3.1	3.0	3.0	3.0	3.0	3.0	3.0	15.2	13.7	12.2	10.7	9.2													
	Manufacturing	22,277	30,450	47,126	67,368	96,160	7.8	7.7	7.4	7.4	7.6	7.4	7.6	19.3	21.8	24.3	26.2	27.8													
	Services	53,028	69,635	92,311	125,292	174,092	5.6	5.8	6.3	6.8	6.1	6.3	6.1	45.9	46.7	47.5	48.8	50.4													
	GDP	115,447	148,966	194,235	256,630	345,617	5.2	5.5	5.7	6.1	5.6	6.1	5.6	100.0	100.0	100.0	100.0	100.0													

Remarks : Services sector includes all sectors other than the Agriculture, Mining and Manufacturing sectors.

表5 州別・産業別雇用数

Province	Sector	Employment (1,000)										Annual Growth Rate (%)										Percentage Share (%)								
		1990		1995		2000		2005		2010		1990-1995		2000-2005		2005-2010		1990-2010		1995-2000		2000-2005		2005-2010		1990	2000	2005	2010	
Jambi	Agriculture	584	714	857	1,008	1,157	4.1	3.7	3.3	2.8	3.5	3.5	3.3	2.7	2.3	2.9	2.9	66.0	62.7	60.4	58.4	73.4	71.4	70.4	69.2					
	Mining	6	6	7	8	10	2.3	2.5	2.8	3.0	2.6	2.6	2.6	2.8	3.0	2.6	2.6	0.7	0.7	0.6	0.5	0.6	0.5	0.5	0.6					
	Manufacturing	27	38	51	70	94	6.7	6.5	6.3	6.1	6.4	6.4	6.3	6.1	5.4	6.0	5.3	5.3	5.0	6.7	7.4	8.2	8.2	4.9	5.6					
	Services	158	215	284	346	412	6.4	5.7	4.0	3.5	4.9	4.0	3.5	4.0	3.5	3.2	3.9	20.3	22.1	22.7	24.2	24.2	24.2	24.6						
	Total	775	974	1,200	1,432	1,673	4.7	4.3	3.5	3.2	3.9	3.5	3.2	3.4	3.0	3.8	3.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0					
South Sumatra	Agriculture	1,559	1,852	2,179	2,489	2,789	3.5	3.3	2.7	2.3	2.9	2.9	2.7	2.3	2.3	2.9	2.9	66.0	62.7	60.4	58.4	73.4	71.4	70.4	69.2					
	Mining	79	94	110	125	139	3.5	3.1	2.6	2.2	2.9	2.9	2.6	2.2	2.2	2.9	2.9	3.3	3.2	3.0	2.9	3.2	3.0	2.9	2.8					
	Manufacturing	126	176	242	314	405	7.0	6.5	5.4	5.2	6.0	6.0	5.4	5.2	5.4	6.0	5.3	5.0	6.7	7.4	8.2	8.2	4.9	5.6						
	Services	599	832	1,077	1,335	1,610	6.8	5.3	4.4	3.8	5.1	5.1	4.4	3.8	3.8	5.1	25.4	28.2	29.9	31.3	32.6	32.6	32.6	24.6						
	Total	2,364	2,954	3,606	4,263	4,942	4.6	4.1	3.4	3.0	3.8	3.8	3.4	3.0	3.0	3.8	3.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0					
Bengkulu	Agriculture	353	442	527	617	712	4.6	3.6	3.2	2.9	3.6	3.6	3.2	2.9	2.9	3.6	3.6	78.3	76.4	74.6	73.2	73.2	73.2	73.2	72.6					
	Mining	1	1	2	2	3	3.5	4.2	4.5	4.7	4.2	4.2	4.5	4.7	4.2	4.2	4.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3					
	Manufacturing	9	13	18	24	31	7.5	6.5	6.0	5.4	6.3	6.3	6.0	5.4	5.2	6.0	5.3	2.0	2.2	2.5	2.8	2.5	2.8	2.8	3.2					
	Services	88	122	160	200	235	6.8	5.6	4.5	3.3	5.0	5.0	4.5	3.3	3.3	5.0	19.6	21.1	22.7	23.7	24.0	24.0	24.0	24.0						
	Total	450	578	707	843	981	5.1	4.1	3.5	3.1	4.0	4.0	3.5	3.1	3.1	4.0	100.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0					
Lampung	Agriculture	1,798	2,068	2,294	2,577	2,913	2.8	2.1	2.4	2.5	2.4	2.4	2.5	2.4	2.5	2.4	2.4	77.9	73.9	69.2	66.0	64.7	64.7	64.7	64.7					
	Mining	8	9	11	14	17	2.2	4.5	4.4	3.4	3.6	3.6	4.4	3.4	3.4	3.6	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4						
	Manufacturing	73	113	176	252	321	9.2	9.1	7.5	4.9	7.7	7.7	7.5	4.9	4.9	7.7	3.2	4.1	5.3	6.5	7.1	7.1	7.1	7.1						
	Services	433	607	834	1,061	1,252	7.0	6.6	4.9	3.4	5.5	5.5	4.9	3.4	3.4	5.5	18.7	21.7	25.2	27.2	27.8	27.8	27.8	27.8						
	Total	2,312	2,798	3,315	3,905	4,502	3.9	3.4	3.4	2.9	3.4	3.4	3.3	2.9	2.9	3.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0					
Region	Agriculture	4,295	5,076	5,656	6,691	7,570	3.4	2.9	2.7	2.5	2.9	2.9	2.7	2.5	2.5	2.9	2.9	72.8	69.5	66.3	64.1	62.6	62.6	62.6	62.6					
	Mining	94	111	130	149	168	3.4	3.2	2.8	2.4	2.9	2.9	2.8	2.4	2.4	2.9	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.4						
	Manufacturing	255	340	486	660	851	7.7	7.4	6.3	5.2	6.6	6.6	6.3	5.2	5.2	6.6	4.0	4.7	5.5	6.3	7.0	7.0	7.0	7.0						
	Services	1,278	1,777	2,356	2,942	3,509	6.8	5.8	4.5	3.6	5.2	5.2	4.5	3.6	3.6	5.2	21.7	24.3	26.7	28.2	29.0	29.0	29.0	29.0						
	Total	5,901	7,305	8,828	10,442	12,098	4.4	3.9	3.4	3.0	3.7	3.7	3.4	3.0	3.0	3.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0					
Nation	Agriculture	41,284	45,872	50,152	53,948	56,841	2.1	1.8	1.5	1.1	1.6	1.6	1.5	1.1	1.1	1.6	1.6	56.5	54.4	52.2	50.1	48.0	48.0	48.0	48.0					
	Mining	435	447	464	489	515	0.5	0.8	1.0	1.1	0.8	0.8	1.0	1.1	0.8	0.8	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4						
	Manufacturing	7,014	8,331	9,752	11,388	13,010	3.5	3.2	3.2	2.7	3.1	3.1	3.2	2.7	2.7	3.1	9.6	9.9	10.1	10.6	11.0	11.0	11.0	11.0						
	Services	24,347	29,702	35,721	41,782	47,975	4.1	3.8	3.2	2.8	3.4	3.4	3.2	2.8	2.8	3.4	33.3	35.2	37.2	38.8	40.5	40.5	40.5	40.5						
	Total	73,081	84,351	96,069	107,607	118,342	2.9	2.6	2.3	1.9	2.4	2.4	2.3	1.9	1.9	2.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0					

Note: Excludes employment by oil/gas related industries (mining, manufacturing).

表6 産業別労働生産性

(1983 constant prices)

Province	Sector	Labor Productivity (Rp. million)					Annual Growth Rate (%)				
		1990	1995	2000	2005	2010	1990- 1995	1995- 2000	2000- 2005	2005- 2010	1990- 2010
Jambi	Agriculture	0.49	0.53	0.58	0.64	0.72	1.4	1.7	2.0	2.4	1.9
	Mining	0.29	0.29	0.30	0.31	0.32	0.2	0.5	0.7	0.5	0.5
	Manufacturing	4.72	5.57	6.60	8.02	9.82	3.4	3.5	4.0	4.1	3.7
	Services	2.15	2.47	2.94	3.77	4.98	2.9	3.5	5.1	5.7	4.3
	Total	0.98	1.15	1.39	1.75	2.28	3.4	3.9	4.7	5.4	4.3
South Sumatra	Agriculture	0.59	0.63	0.68	0.75	0.83	1.4	1.5	1.9	2.2	1.7
	Mining	3.83	4.22	4.73	5.34	6.05	1.9	2.3	2.4	2.5	2.3
	Manufacturing	6.67	7.02	7.59	8.70	10.10	1.0	1.6	2.8	3.0	2.1
	Services	3.25	3.33	3.69	4.27	5.13	0.5	2.1	3.0	3.7	2.3
	Total	1.69	1.89	2.16	2.57	3.14	2.2	2.8	3.5	4.1	3.1
Bengkulu	Agriculture	0.51	0.54	0.60	0.67	0.76	1.2	2.0	2.3	2.5	2.0
	Mining	24.89	34.06	42.27	50.77	57.93	6.5	4.4	3.7	2.7	4.3
	Manufacturing	1.55	1.94	2.39	2.95	3.71	4.7	4.2	4.3	4.6	4.5
	Services	2.64	2.98	3.45	4.21	5.66	2.5	3.0	4.1	6.1	3.9
	Total	1.01	1.17	1.39	1.70	2.18	2.9	3.5	4.1	5.1	3.9
Lampung	Agriculture	0.48	0.56	0.66	0.77	0.88	2.9	3.5	3.1	2.8	3.1
	Mining	0.47	0.52	0.53	0.57	0.68	2.2	0.5	1.5	3.5	1.9
	Manufacturing	2.99	3.43	4.00	4.95	6.88	2.8	3.1	4.4	6.8	4.3
	Services	1.96	2.30	2.77	3.59	4.90	3.3	3.8	5.3	6.4	4.7
	Total	0.84	1.05	1.37	1.81	2.43	4.6	5.4	5.7	6.1	5.5
Region	Agriculture	0.52	0.58	0.65	0.73	0.83	2.0	2.4	2.4	2.5	2.3
	Mining	3.57	4.04	4.58	5.22	5.97	2.5	2.6	2.6	2.7	2.6
	Manufacturing	5.10	5.47	6.00	6.98	8.62	1.4	1.9	3.1	4.3	2.7
	Services	2.63	2.85	3.26	3.96	5.07	1.6	2.7	4.0	5.0	3.3
	Total	1.21	1.41	1.70	2.10	2.68	3.1	3.8	4.4	5.0	4.0
Nation	Agriculture	0.55	0.58	0.62	0.68	0.77	1.0	1.5	1.9	2.4	1.7
	Mining	3.59	4.26	4.75	5.11	5.48	3.5	2.2	1.4	1.4	2.1
	Manufacturing	2.44	3.11	3.98	4.98	6.35	4.9	5.0	4.6	5.0	4.9
	Services	2.18	2.34	2.58	3.00	3.63	1.5	2.0	3.0	3.9	2.6
	Total	1.29	1.47	1.71	2.06	2.56	2.6	3.1	3.7	4.5	3.5

Remarks : Sectoral labor productivity is calculated by dividing non-oil/gas GDP by sectoral employment.

表7 カブパタン別人口、人口増加率及び人口密度

Province No.	Kabupaten	Population (1990)						Annual Growth Rate (%)						Percentage Share (%)						Population Density (Pop./km ²)																				
		1990		2000		2005		2010		1990-1995		2000-2005		2005-2010		1990-2010		1990		2000		2005		2010		1990		2000		2005		2010								
		1990	2000	2005	2010	1990	1995	2000	2005	2010	1990	1995	2000	2005	2010	1990	1995	2000	2005	2010	Area (km ²)	1990	1995	2000	2005	2010	1990	1995	2000	2005	2010									
Jambi		279	301	323	347	373	399	425	451	477	503	529	555	581	607	633	659	685	711	1,50	1.47	1.44	1.42	1.46	13.8	12.7	11.9	11.3	10.9	4,200	4,200	4,200	4,200	4,200	66	72	77	83	89	
1	Kirinci	279	301	323	347	373	399	425	451	477	503	529	555	581	607	633	659	685	711	1,50	1.47	1.44	1.42	1.46	13.8	12.7	11.9	11.3	10.9	4,200	4,200	4,200	4,200	4,200	66	72	77	83	89	
2	S.Senko	350	427	505	582	658	735	812	889	966	1,043	1,120	1,197	1,274	1,351	1,428	1,505	1,582	1,659	1,736	3.40	2.87	2.48	2.15	3.20	17.4	18.0	18.5	18.9	19.2	14,200	14,200	14,200	14,200	14,200	25	30	36	41	46
3	B.Hari	324	390	455	520	585	650	715	780	845	910	975	1,040	1,105	1,170	1,235	1,300	1,365	1,430	1,495	3.76	3.17	2.64	2.15	2.93	16.1	16.4	16.7	16.9	16.8	11,130	11,130	11,130	11,130	11,130	29	35	41	47	52
4	T.Jabung	361	395	430	468	509	548	589	629	669	709	749	789	829	869	909	949	989	1,029	1,069	1.78	1.73	1.70	1.68	1.72	17.9	16.7	15.8	15.2	14.8	10,200	10,200	10,200	10,200	10,200	35	39	42	46	50
5	S.Tebo	351	430	497	563	632	701	770	839	908	977	1,046	1,115	1,184	1,253	1,322	1,391	1,460	1,529	1,598	3.54	2.94	2.54	2.34	2.84	17.9	18.1	18.2	18.3	18.4	13,500	13,500	13,500	13,500	13,500	27	32	37	42	47
6	Kodya Jambi	340	427	516	599	685	771	858	944	1,030	1,116	1,202	1,288	1,374	1,460	1,546	1,632	1,718	1,804	1,890	4.65	3.85	3.06	2.73	3.57	16.9	18.0	18.9	19.5	20.0	206	206	206	206	206	1,651	2,072	2,502	2,910	3,330
	Total	2,016	2,359	2,721	3,079	3,435	3,793	4,151	4,509	4,867	5,225	5,583	5,941	6,299	6,657	7,015	7,373	7,731	8,089	8,447	3.26	2.95	2.46	2.21	2.70	100.0	100.0	100.0	100.0	100.0	53,436	53,436	53,436	53,436	53,436	38	44	51	58	64
South Sumatra		964	1,053	1,203	1,321	1,437	1,553	1,669	1,785	1,901	2,017	2,133	2,249	2,365	2,481	2,597	2,713	2,829	2,945	3,061	2.35	2.12	1.89	1.70	2.01	15.4	14.9	14.5	14.2	14.0	10,408	10,408	10,408	10,408	10,408	93	104	116	127	138
7	O.K.Ulu	964	1,053	1,203	1,321	1,437	1,553	1,669	1,785	1,901	2,017	2,133	2,249	2,365	2,481	2,597	2,713	2,829	2,945	3,061	2.35	2.12	1.89	1.70	2.01	15.4	14.9	14.5	14.2	14.0	10,408	10,408	10,408	10,408	10,408	93	104	116	127	138
8	O.K.Iilir	771	878	990	1,104	1,218	1,332	1,446	1,560	1,674	1,788	1,902	2,016	2,130	2,244	2,358	2,472	2,586	2,700	2,814	2.62	2.43	2.21	1.98	2.31	12.3	12.0	11.9	11.9	11.9	21,638	21,638	21,638	21,638	21,638	36	41	46	51	56
9	M.Finia	582	666	752	842	933	1,023	1,113	1,203	1,293	1,383	1,473	1,563	1,653	1,743	1,833	1,923	2,013	2,103	2,193	2.71	2.48	2.27	2.08	2.38	9.3	9.1	9.1	9.1	9.1	9,575	9,575	9,575	9,575	9,575	61	70	79	88	97
10	Lahat	602	678	757	840	926	1,012	1,098	1,184	1,270	1,356	1,442	1,528	1,614	1,700	1,786	1,872	1,958	2,044	2,130	2.41	2.24	2.09	1.97	2.18	9.6	9.3	9.1	9.0	9.0	4,034	4,034	4,034	4,034	4,034	149	168	188	208	230
11	M.Rawas	512	590	672	755	841	928	1,015	1,102	1,189	1,276	1,363	1,450	1,537	1,624	1,711	1,798	1,885	1,972	2,059	3.24	2.87	2.56	2.34	2.75	8.2	8.2	8.3	8.5	8.6	21,513	21,513	21,513	21,513	21,513	24	28	32	36	41
12	M.Banyuwatin	384	469	557	648	742	838	934	1,030	1,126	1,222	1,318	1,414	1,510	1,606	1,702	1,798	1,894	1,990	2,086	3.88	3.30	2.83	2.41	3.10	14.1	14.7	15.1	15.6	15.9	23,664	23,664	23,664	23,664	23,664	34	42	49	56	63
13	Bangka	514	579	644	707	770	833	896	959	1,022	1,085	1,148	1,211	1,274	1,337	1,400	1,463	1,526	1,589	1,652	2.41	2.15	1.90	1.71	2.04	8.2	7.9	7.7	7.6	7.5	11,614	11,614	11,614	11,614	11,614	44	50	55	61	66
14	Selitang	193	212	232	253	274	295	316	337	358	379	400	421	442	463	484	505	526	547	568	1.92	1.82	1.73	1.64	1.78	3.1	2.9	2.8	2.7	2.7	4,552	4,552	4,552	4,552	4,552	43	47	51	56	61
15	Kodya Palembang	1,141	1,401	1,637	1,829	2,009	2,189	2,369	2,549	2,729	2,909	3,089	3,269	3,449	3,629	3,809	3,989	4,169	4,349	4,529	4.19	3.17	2.24	1.90	2.87	18.2	19.2	19.7	19.7	19.6	224	224	224	224	224	5,094	6,233	7,310	8,165	8,970
16	Kodya P.Patang	113	122	144	160	176	192	208	224	240	256	272	288	304	320	336	352	368	384	400	1.8	2.34	2.14	1.94	2.24	1.8	1.8	1.7	1.7	1.7	32	32	32	32	32	3,536	4,009	4,500	5,003	5,507
	Total	6,377	7,294	8,309	9,257	10,254	11,251	12,248	13,245	14,242	15,239	16,236	17,233	18,230	19,227	20,224	21,221	22,218	23,215	24,212	3.05	2.64	2.25	2.00	2.49	100.0	100.0	100.0	100.0	100.0	109,234	109,234	109,234	109,234	109,234	57	67	76	85	94
Bengkulu		298	334	372	416	457	497	537	577	617	657	697	737	777	817	857	897	937	977	1,017	2.27	2.25	2.22	1.87	2.15	25.3	22.7	23.0	22.9	22.6	5,949	5,949	5,949	5,949	5,949	50	56	63	70	77
17	S.Selatan	298	334	372	416	457	497	537	577	617	657	697	737	777	817	857	897	937	977	1,017	2.27	2.25	2.22	1.87	2.15	25.3	22.7	23.0	22.9	22.6	5,949	5,949	5,949	5,949	5,949	50	56	63	70	77
18	R.Lebong	368	415	466	521	573	624	675	726	777	828	879	930	981	1,032	1,083	1,134	1,185	1,236	1,287	2.41	2.35	2.27	1.94	2.24	31.2	29.4	28.8	28.7	28.4	4,110	4,110	4,110	4,110	4,110	90	101	113	127	140
19	B.Utara	343	429	502	566	634	702	770	838	906	974	1,042	1,110	1,178	1,246	1,314	1,382	1,450	1,518	1,586	4.61	3.20	2.42	2.30	3.13	29.1	30.4	31.1	31.2	31.4	9,585	9,585	9,585	9,585	9,585	36	45	52	59	66
20	Kodya Bengkulu	170	233	277	314	354	394	434	474	514	554	594	634	674	714	754	794	834	874	914	6.49	3.50	2.53	2.42	3.72	14.4	16.5	17.1	17.3	17.5	145	145	145	145	145	1,175	1,609	1,911	2,165	2,440
	Total	1,179	1,411	1,618	1,817	2,018	2,219	2,420	2,621	2,822	3,023	3,224	3,425	3,626	3,827	4,028	4,229	4,430	4,631	4,832	3.65	2.78	2.35	2.12	2.72	100.0	100.0	100.0	100.0	100.0	19,789	19,789	19,789	19,789	19,789	60	71	82	92	102
Lampung		1,625	1,972	2,126	2,288	2,470	2,661	2,852	3,043	3,234	3,425	3,616	3,807	3,998	4,189	4,380	4,571	4,762	4,953	5,144	1.56	1.52	1.48	1.54	1.52	30.4	28.9	27.9	27.2	26.7	6,649	6,649	6,649	6,649	6,649	274	297	320	344	372
21	L.Selatan	1,625	1,972	2,126	2,288	2,470	2,661	2,852	3,043	3,234	3,425	3,616	3,807	3,998	4,189	4,380	4,571	4,762	4,953	5,144	1.56	1.52	1.48	1.54	1.52	30.4	28.9	27.9	27.2	26.7	6,649	6,649	6,649	6,649	6,649	274	297	320	344	372
22	L.Tengah	1,901	2,034	2,166	2,297	2,																																		

表8 カブパテン別非石油・ガスGDP

Province No.	Kabupaten	Non-Oil/Gas GDP (Rp. billion)										Annual Growth Rate (%)										Percentage Share (%)										Per Capita GDP (Rp. million)																																																																																																																																																																																													
		1990		1995		2000		2005		2010		1990-1995		1995-2000		2000-2005		2005-2010		1990		1995		2000		2005		1990		1995		2000		2005		2010																																																																																																																																																																																									
Jambi		61	78	102	137	192	5.0	5.5	6.1	6.9	5.9	8.1	7.0	6.1	5.5	5.0	0.22	0.25	0.32	0.40	0.51	119	165	230	327	484	6.7	6.9	7.3	8.2	7.3	15.7	14.7	13.7	13.0	12.7	0.34	0.38	0.45	0.56	0.71	133	197	294	440	656	8.2	8.4	8.3	8.3	8.3	17.5	17.5	17.6	17.6	17.2	0.41	0.50	0.65	0.85	1.11	128	188	279	416	612	8.0	8.2	8.3	8.0	8.1	17.0	16.8	16.7	16.6	16.1	0.35	0.48	0.65	0.89	1.22	114	154	214	306	448	6.2	6.8	7.4	7.9	7.1	15.1	13.7	12.8	12.2	11.8	0.52	0.56	0.63	0.74	0.88	201	340	552	881	1,417	11.1	10.1	9.8	10.0	10.3	26.6	30.3	33.0	35.1	37.2	0.59	0.80	1.07	1.47	2.28	756	1,122	1,672	2,508	3,809	8.2	8.3	8.5	8.7	8.4	100.0	100.0	100.0	100.0	100.0	0.38	0.47	0.61	0.81	1.11																																																																																
South Sumatra		324	408	526	687	924	4.7	5.2	5.5	6.1	5.4	8.1	7.3	6.7	6.3	6.0	0.34	0.38	0.44	0.52	0.64	276	348	452	597	813	4.7	5.4	5.7	6.4	5.5	6.9	6.2	5.8	5.4	5.2	0.36	0.40	0.46	0.54	0.62	244	309	404	535	723	4.9	5.5	5.8	6.2	5.6	6.1	5.5	5.2	4.9	4.7	0.42	0.46	0.54	0.64	0.75	248	321	420	554	738	5.3	5.5	5.7	5.9	5.6	6.2	5.8	5.4	5.1	4.8	0.41	0.47	0.55	0.66	0.80	216	295	406	564	791	6.4	6.6	6.8	7.0	6.7	5.4	5.3	5.2	5.1	5.1	0.42	0.49	0.59	0.72	0.90	729	1,032	1,457	2,097	3,024	7.2	7.3	7.4	7.6	7.4	18.2	18.5	18.8	19.1	19.5	0.82	0.97	1.17	1.45	1.87	428	526	665	861	1,131	4.2	4.8	5.3	5.6	5.0	10.7	9.4	8.5	7.9	7.3	0.83	0.91	1.03	1.22	1.47	124	154	195	253	342	4.4	4.8	5.4	6.2	5.2	3.1	2.8	2.5	2.3	2.2	0.64	0.73	0.84	1.00	1.24	1,345	2,002	3,154	4,621	6,760	9.1	8.5	8.1	7.9	8.4	33.6	37.4	40.1	42.1	43.6	1.16	1.49	1.91	2.53	3.60	98	98	139	196	272	7.6	7.2	7.1	6.8	7.2	1.7	1.8	1.8	1.8	1.8	0.60	0.77	0.97	1.22	1.52	4,004	5,573	7,807	10,955	15,518	6.8	7.0	7.0	7.2	7.0	100.0	100.0	100.0	100.0	100.0	0.64	0.76	0.94	1.18	1.51
Bengkulu		102	148	219	326	490	7.7	8.1	8.3	8.5	8.1	22.5	22.0	22.3	22.7	22.9	0.34	0.44	0.59	0.78	1.07	152	218	316	461	674	7.5	7.7	7.8	7.9	7.7	33.5	32.4	32.3	32.2	31.5	0.41	0.53	0.68	0.92	1.18	109	149	207	295	426	6.5	6.8	7.3	7.6	7.0	24.0	22.1	21.2	20.6	19.9	0.32	0.35	0.41	0.52	0.67	91	158	238	350	549	11.8	8.5	8.0	9.4	9.4	20.0	23.5	24.3	24.5	25.7	0.53	0.68	0.86	1.12	1.55	454	674	980	1,431	2,138	8.2	7.8	7.9	8.4	8.1	100.0	100.0	100.0	100.0	100.0	0.39	0.48	0.61	0.79	1.06																																																																																																																								
Lampung		514	762	1,161	1,612	2,339	8.2	8.8	9.3	9.4	8.9	26.5	25.9	25.6	25.7	26.0	0.26	0.39	0.55	0.79	1.15	591	861	1,318	1,982	2,967	8.3	8.4	8.5	8.4	8.4	30.5	29.9	29.0	28.1	27.2	0.31	0.43	0.61	0.86	1.21	359	565	809	1,186	1,705	9.5	9.5	9.3	8.4	9.2	18.5	19.2	19.6	19.7	19.0	0.27	0.33	0.43	0.57	0.75	68	86	114	157	225	4.9	5.8	6.6	7.4	6.2	3.5	2.9	2.5	2.2	2.1	0.22	0.25	0.31	0.38	0.50	407	649	1,057	1,714	2,621	9.8	10.2	10.2	10.5	10.2	21.0	22.1	23.3	24.3	25.8	0.54	0.87	1.23	1.75	2.54	1,938	2,943	4,579	7,051	10,927	8.7	9.1	9.2	9.2	9.0	100.0	100.0	100.0	100.0	100.0	0.32	0.43	0.60	0.84	1.18																																																																																																				
Southern Sumatra		7,153	10,312	14,598	21,956	32,392	7.6	7.8	7.9	8.1	7.8	27.6	27.9	28.1	28.1	28.1	0.46	0.58	0.74	0.97	1.30																																																																																																																																																																																																								

補章3 カブパテン/コタマジャ別主要指標

表1 カブパテン/コタマジャ別主要指標 (面積/人口)

Sheet 1

Kabupaten/Kotamadya (Kodya=Kotamadya)	Land Area		Population		Population		Population	
	(sq. km)	(%)	1971	(%)	1980	(%)	1990	(%)
			BPS data		BPS data		BPS data	
/1/	/2/	/3/	/4/	/5/	/6/	/7/	/8/	/9/
1 Kerinci	4,200	7.9			241,081	16.7	279,146	13.8
2 Sarolangun Bangko	14,200	26.6			217,653	15.1	350,284	17.4
3 Batang Hari	11,130	20.8			216,897	15.0	324,017	16.1
4 Tanjung Jabung	10,200	19.1			302,386	20.9	361,403	17.9
5 Bungo Tebo	13,500	25.3			237,604	16.4	361,243	17.9
6 Kodya Jambi	206	0.4			230,373	15.9	340,066	16.9
Jambi	53,436	100.0	1,006,084	100.0	1,445,994	100.0	2,016,159	100.0
7 Ogan Komering Ulu	10,408	9.5			750,799	16.2	964,460	15.4
8 Ogan Komering Ilir	21,658	19.8			564,080	12.2	771,463	12.3
9 Muara Enim	9,575	8.8			430,834	9.3	582,396	9.3
10 Lahat	4,034	3.7			484,893	10.5	601,843	9.6
11 Musi Rawas	21,513	19.7			367,037	7.9	511,949	8.2
12 Musi Banyuasin	25,664	23.5			591,074	12.8	883,719	14.1
13 Bangka	11,614	10.6			399,986	8.6	513,946	8.2
14 Belitung	4,532	4.1			163,815	3.5	192,972	3.1
15 Kodya Palembang	224	0.2			787,187	17.0	1,141,036	18.2
16 Kodya Pangkal Pinang	32	0.0			90,096	1.9	113,163	1.8
South Sumatra	109,254	100.0	3,440,573	100.0	4,629,801	100.0	6,276,947	100.0
17 Bengkulu Selatan	5,949	30.1			236,775	30.8	298,214	25.3
18 Rejang Lebong	4,110	20.8			288,256	37.5	367,980	31.2
19 Bengkulu Utara	9,585	48.4			178,250	23.2	342,601	29.1
20 Kodya Bengkulu	145	0.7			64,783	8.4	170,327	14.4
Bengkulu	19,789	100.0	519,316	100.0	768,064	100.0	1,179,122	100.0
21 Lampung Selatan	6,649	18.8			1,767,084	38.2	1,825,040	30.4
22 Lampung Tengah	9,190	26.0			1,690,947	36.6	1,900,648	31.6
23 Lampung Utara	14,418	40.8			882,479	19.1	1,335,435	22.2
24 Lampung Barat	4,951	14.0					308,050	5.1
25 Kodya Bandar Lampung	169	0.5			284,275	6.1	636,706	10.6
Lampung	35,377	100.0	2,777,008	100.0	4,624,785	100.0	6,005,879	100.0
Southern Sumatra	217,856	11.4	7,742,981	6.5	11,468,644	7.8	15,478,107	8.6
Northern Sumatra	263,929	13.8	13,065,167	11.0	16,547,516	11.2	20,977,237	11.7
Sumatra	481,785	25.1	20,808,148	17.5	28,016,160	19.0	36,455,344	20.3
Java	132,186	6.9	76,086,327	63.8	91,269,528	61.9	107,573,749	60.0
INDONESIA	1,919,317	100.0	119,208,229	100.0	147,490,298	100.0	179,321,641	100.0

Sources:

/2/ Dalam Angka 1989 of each province; BPS, Statistik Indonesia 1991, Table 1.1.

/4/ BPS, Statistik Indonesia 1982, Table II.1.2.

/6/ BPS, Penduduk Indonesia: Hasil Sensus Penduduk 1990 (January 1991), Table 2.4.

/8/ BPS, Penduduk Indonesia: Hasil Sensus Penduduk 1990 (January 1991), Table 2.4.

Note: 1990 Population of Lampung Barat is taken from /14/.

Kabupaten/Kotamadya (Kodya=Kotamadya)	Population Density 1980 BPS data /10/	Population Density 1990 BPS data /11/	Population Growth Rate 1971-1980 BPS data /12/	Population Growth Rate 1980-1990 BPS data /13/
1 Kerinci	57	66	2.85	1.48
2 Sarolangun Bangko	15	25	4.70	4.87
3 Batang Hari	19	29	3.39	4.10
4 Tanjung Jabung	30	35	3.79	1.80
5 Bungo Tebo	18	27	5.82	4.28
6 Kodya Jambi	1,118	1,651	4.19	3.97
Jambi	27	38	4.07	3.38
7 Ogan Komering Ulu	72	93	3.72	2.54
8 Ogan Komering Ilir	26	36	2.62	3.18
9 Muara Enim	45	61	1.88	3.06
10 Lahat	120	149	2.93	2.18
11 Musi Rawas	17	24	4.20	3.38
12 Musi Banyuasin	23	34	5.07	4.10
13 Bangka	34	44	3.07	2.54
14 Belitung	36	43	2.66	1.65
15 Kodya Palembang	3,514	5,094	3.36	3.78
16 Kodya Pangkal Pinang	2,816	3,536	2.08	2.31
South Sumatra	42	57	3.32	3.09
17 Bengkulu Selatan	40	50	3.09	2.33
18 Rejang Lebong	70	90	3.81	2.47
19 Bengkulu Utara	19	36	6.23	6.75
20 Kodya Bengkulu	447	1,175	8.11	10.15
Bengkulu	39	60	4.39	4.38
21 Lampung Selatan	266	274	5.19	1.43*
22 Lampung Tengah	184	207	5.96	1.18
23 Lampung Utara	46	93	7.30	6.42
24 Lampung Barat		62		
25 Kodya Bandar Lampung	1,682	3,767	4.00	3.11*
Lampung	131	170	5.77	2.65
Southern Sumatra	53	71	4.46	3.04
Northern Sumatra	63	79	2.66	2.40
Sumatra	58	76	3.32	2.67
Java	690	814	2.02	1.66
INDONESIA	77	93	2.32	1.97

Sources:

/12/ BPS, Penduduk Indonesia: Hasil Sensus Penduduk 1990 (January 1991), Table 2.5.

/13/ BPS, Penduduk Indonesia: Hasil Sensus Penduduk 1990 (January 1991), Table 2.5.

Note: Adjusted reflecting the 1982 annexation.

Kabupaten/Kotamadya (Kodya=Kotamadya)	Population 1990		Population Density 1990	Population Growth Rate 1980-1990
	Provincial data		Provincial data	Provincial data
	/1/	/14/	/15/	/16/
1 Kerinci	280,012	13.9	67	1.51
2 Sarolangun Bangko	350,095	17.3	25	4.87
3 Batang Hari	325,783	16.1	29	4.15
4 Tanjung Jabung	362,380	18.0	36	1.83
5 Bungo Tebo	360,402	17.9	27	4.25
6 Kodya Jambi	339,786	16.8	1,649	3.96
Jambi	2,018,458	100.0	38	3.39
7 Ogan Komering Ulu	963,765	15.4	93	2.53
8 Ogan Komering Ilir	771,269	12.3	36	3.18
9 Muara Enim	585,776	9.3	61	3.12
10 Lahat	599,327	9.6	149	2.14
11 Musi Rawas	511,907	8.2	24	3.38
12 Musi Banyuasin	883,719	14.1	34	4.10
13 Bangka	513,826	8.2	44	2.54
14 Belitung	192,927	3.1	43	1.65
15 Kodya Palembang	1,139,694	18.2	5,088	3.77
16 Kodya Pangkal Pinang	113,129	1.8	3,535	2.30
South Sumatra	6,275,339	100.0	57	3.09
17 Bengkulu Selatan	298,202	25.3	50	2.33
18 Rejang Lebong	367,965	31.2	90	2.47
19 Bengkulu Utara	342,601	29.1	36	6.75
20 Kodya Bengkulu	170,183	14.4	1,174	10.14
Bengkulu	1,178,951	100.0	60	4.38
21 Lampung Selatan	1,833,987	30.4	276	0.37
22 Lampung Tengah	1,900,380	31.5	207	1.17
23 Lampung Utara	1,345,968	22.3	93	6.48
24 Lampung Barat	308,050	5.1	62	
25 Kodya Bandar Lampung	636,418	10.6	3,766	8.39
Lampung	6,024,803	100.0	170	2.68
Southern Sumatra	15,497,551		71	3.06
Northern Sumatra				
Sumatra				
Java				
INDONESIA				

Sources:

/14/ Kantor Statistik, Penduduk Propinsi 1990 of each province

表2 カブパテン/コタマジャ別主要指標 (農業)

Kabupaten/Kotamadya (Kodya=Kotamadya)	Wetland (1,000ha, 1989)	Ratio of Irrigated Area (%, 1989)	Area Harvested in Wetland (1,000ha, 1989)	Wetland Paddy Cropping Intensity (%, 1989)	Wetland Paddy Yield (ton/ha, 1989)
/1/	/2/	/3/	/4/	/5/	/6/
1 Kerinci	16.1	71.3	19.9	123.2	3.59
2 Sarolangun Bangko	22.4	41.9	8.9	39.9	3.18
3 Batang Hari	24.5	6.0	18.1	73.7	2.74
4 Tanjung Jabung	109.9	11.8	77.3	70.4	3.30
5 Bungo Tebo	39.8	13.7	12.0	30.3	2.93
6 Kodya Jambi	**	**	**	**	**
Jambi	212.8	19.2	136.2	64.0	3.29
7 Ogan Komerling Ulu	69.0	31.4	59.5	86.3	3.81
8 Ogan Komerling Ilir	101.3	3.2	96.6	95.4	3.14
9 Muara Enim	24.6	23.8	22.4	91.2	3.17
10 Lahat	31.0	67.5	24.5	78.8	4.24
11 Musi Rawas	25.7	25.4	24.5	95.1	3.63
12 Musi Banyuasin	203.6	0.2	113.9	56.0	3.11
13 Bangka	2.3	16.7	0.2	7.6	2.65
14 Belitung	0.3	24.0	0.1	42.0	2.14
15 Kodya Palembang	**	**	**	**	**
16 Kodya Pangkal Pinang	**	**	**	**	**
South Sumatra	457.9	12.9	341.8	74.6	3.35
17 Bengkulu Selatan	29.1	51.4	31.8	109.1	3.61
18 Rejang Lebong	21.1	90.2	19.8	93.9	3.37
19 Bengkulu Utara	21.2	48.4	16.4	77.4	3.27
20 Kodya Bengkulu	**	**	**	**	**
Bengkulu	71.5	62.0	68.1	95.2	3.46
21 Lampung Selatan	68.6	39.2	89.3	130.2	4.38
22 Lampung Tengah	109.1	76.2	114.6	105.1	4.06
23 Lampung Utara	38.0	48.1	44.3	116.6	4.00
24 Lampung Barat	n.a.	n.a.	n.a.	n.a.	n.a.
25 Kodya Bandar Lampung	**	**	**	**	**
Lampung	215.7	59.5	248.3	115.1	4.16
Southern Sumatra	957.8	28.5	794.3	82.9	
Northern Sumatra	1,299.5	46.0	1,329.7	102.3	
Sumatra	2,257.4	38.6	2,124.0	94.1	
Java	3,445.6	73.6	5,098.9	148.0	
INDONESIA					

Source: BPS

Notes: (1) Kotamadya is included in surrounding kabupaten. Jambi in Batang Hari; Palembang in Musi Banyuasin; Pangkal Pinang in Bangka; Bengkulu in Rejang Lebong; Bandar Lampung in Lampung Selatan.

(2) Lampung Utara includes Lampung Barat.

表3 カブパテン/コタマジャ別主要指標 (水産業)

Kabupaten/Kotamadya (Kodya=Kotamadya)	Marine Fishery Production (ton, 1989)	Inland Fishery Production (ton, 1989)	Aquaculture Production (ton, 1989)	Total /2/+/3/+/4/
/1/	/2/	/3/	/4/	/5/
1 Kerinci	--	361	250	611
2 Sarolangun Bangko	--	548	135	683
3 Batang Hari	--	2,188	103	2,291
4 Tanjung Jabung	16,235	544	19	16,798
5 Bungo Tebo	--	495	45	540
6 Kodya Jambi	--	371	90	461
Jambi	16,235	4,508	642	21,385
7 Ogan Komering Ulu	--	3,857	1,169	5,026
8 Ogan Komering Ilir	3,746	15,748	30	19,524
9 Muara Enim	--	6,132	222	6,354
10 Lahat	--	--	1,140	1,140
11 Musi Rawas	--	526	561	1,087
12 Musi Banyuasin	22,676	11,940	11	34,627
13 Bangka	30,438	--	107	30,545
14 Belitung	28,867	--	61	28,928
15 Kodya Palembang	--	458	170	628
16 Kodya Pangkal Pinang	3,045	--	--	3,045
South Sumatra	88,767	38,661	3,470	130,898
17 Bengkulu Selatan	1,261	177	327	1,765
18 Rejang Lebong	--	1,288	1,851	3,139
19 Bengkulu Utara	2,869	139	238	3,246
20 Kodya Bengkulu	6,070	21	--	6,091
Bengkulu	10,200	1,625	2,449	14,274
21 Lampung Selatan	30,935	802	2,880	34,617
22 Lampung Tengah	27,804	3,399	3,642	34,845
23 Lampung Utara	6,065	5,459	1,171	12,695
24 Lampung Barat	n.a.	n.a.	n.a.	n.a.
25 Kodya Bandar Lampung	7,304	--	75	7,379
Lampung	72,108	9,661	7,769	89,538
Southern Sumatra	187,310	54,455	14,330	256,095
Northern Sumatra				
Sumatra				
Java				
INDONESIA				

Source: /2/, /3/, /4/ Dinas Perikanan of each province, Buku Statistik 1990.

Note: Lampung Utara includes Lampung Barat.

表4 カブパテン/コタマジャ別主要指標 (工業)

Sheet 1
(year: 1989)

Kabupaten/Kotamadya (Kodya=Kotamadya)	311-312 Food processing		313 Beverage manufacturing		321 Textile manufacturing		322 Clothes except footwear	
	Establish-ments	Employ-ees	Establish-ments	Employ-ees	Establish-ments	Employ-ees	Establish-ments	Employ-ees
1 Kerinci								
2 Sarolangun Bangko	1	124						
3 Batang Hari	1	20						
4 Tanjung Jabung	7	180	1	21				
5 Bungo Tebo	1	166						
6 Kodya Jambi	2	121						
Jambi	12	611	1	21	0	0	0	0
7 Ogan Komering Ulu								
8 Ogan Komering Ilir	2	1,538						
9 Muara Enim								
10 Lahat								
11 Musi Rawas								
12 Musi Banyuasin	15	2,118	3	103				
13 Bangka	1	29						
14 Belitung								
15 Kodya Palembang	23	2,796	1	20	6	1,779	1	22
16 Kodya Pangkal Pinang			1	41				
South Sumatra	41	6,481	5	164	6	1,779	1	22
17 Bengkulu Selatan	1	41						
18 Rejang Lebong	2	86			1	26		
19 Bengkulu Utara								
20 Kodya Bengkulu	2	45						
Bengkulu	5	172	0	0	1	26	0	0
21 Lampung Selatan	9	497	3	208	2	200		
22 Lampung Tengah	38	11,292						
23 Lampung Utara	3	1,626						
24 Lampung Barat								
25 Kodya Bandar Lampung	41	2,549	1	25			1	10
Lampung	91	15,964	4	233	2	200	1	10
Southern Sumatra	149	23,228	10	418	9	2,005	2	32
Northern Sumatra								
Sumatra								
Java								
INDONESIA								

Source: Statistik Industri Pengolahan, BPS

Note: Lampung Utara includes Lampung Barat.

Kabupaten/Kotamadya (Kodya=Kotamadya)	323 Leather except footwear and clothes		331 Wood and wood products, rattan, bamboo		332 Furniture and fixtures		342 Printing and publishing	
	Establish- ments	Employ- ees	Establish- ments	Employ- ees	Establish- ments	Employ- ees	Establish- ments	Employ- ees
1 Kerinci								
2 Sarolangun Bangko			11	441				
3 Batang Hari			31	6,315				
4 Tanjung Jabung			7	6,514				
5 Bungo Tebo			6	217				
6 Kodya Jambi			16	2,208				
Jambi	0	0	71	15,695	0	0	0	0
7 Ogan Komering Ulu								
8 Ogan Komering Ilir			6	223				
9 Muara Enim								
10 Lahat								
11 Musi Rawas			7	260				
12 Musi Banyuasin			32	9,956	9	966		
13 Bangka			4	128				
14 Belitung								
15 Kodya Palembang			27	4,815	1	25	6	179
16 Kodya Pangkal Pinang			2	73				
South Sumatra	0	0	78	15,455	10	991	6	179
17 Bengkulu Selatan								
18 Rejang Lebong								
19 Bengkulu Utara			1	197				
20 Kodya Bengkulu			3	298				
Bengkulu	0	0	4	495	0	0	0	0
21 Lampung Selatan			6	705	1	21		
22 Lampung Tengah								
23 Lampung Utara			1	21				
24 Lampung Barat								
25 Kodya Bandar Lampung	2	106	6	1,127			1	37
Lampung	2	106	13	1,853	1	21	1	37
Southern Sumatra	2	106	166	33,498	11	1,012	7	216
Northern Sumatra								
Sumatra								
Java								
INDONESIA								

Source: Statistik Industri Pengolahan, BPS

Note: Lampung Utara includes Lampung Barat.

Kabupaten/Kotamadya (Kodya=Kotamadya)	351 Chemicals		352 Other chemical products		353 Petroleum refineries		355 Rubber products	
	Establish- ments	Employ- ees	Establish- ments	Employ- ees	Establish- ments	Employ- ees	Establish- ments	Employ- ees
1 Kerinci								
2 Sarolangun Bangko								
3 Batang Hari								
4 Tanjung Jabung			1	138				
5 Bungo Tebo								
6 Kodya Jambi			1	20			6	1,695
Jambi	0	0	2	158	0	0	6	1,695
7 Ogan Komering Ulu							1	342
8 Ogan Komering Ilir								
9 Muara Enim								
10 Lahat								
11 Musi Rawas								
12 Musi Banyuasin							5	4,050
13 Bangka								
14 Belitung								
15 Kodya Palembang	2	7,224	4	363			10	3,036
16 Kodya Pangkal Pinang	1	30						
South Sumatra	3	7,254	4	363	0	0	16	7,428
17 Bengkulu Selatan								
18 Rejang Lebong								
19 Bengkulu Utara							1	109
20 Kodya Bengkulu							1	92
Bengkulu	0	0	0	0	0	0	2	201
21 Lampung Selatan			1	26			6	4,862
22 Lampung Tengah	1	81						
23 Lampung Utara							4	1,453
24 Lampung Barat								
25 Kodya Bandar Lampung	3	264	5	342			4	4,290
Lampung	4	345	6	368	0	0	14	10,605
Southern Sumatra	7	7,599	12	889	0	0	38	19,929
Northern Sumatra								
Sumatra								
Java								
INDONESIA								

Source: Statistik Industri Pengolahan, BPS

Note: Lampung Utara includes Lampung Barat.

Kabupaten/Kotamadya (Kodya=Kotamadya)	356 Plastic products		361 Pottery, china and clay products		363 Cement, lime and cement products		364 Structural clay products	
	Establish-ments	Employees	Establish-ments	Employees	Establish-ments	Employees	Establish-ments	Employees
1 Kerinci								
2 Sarolangun Bangko								
3 Batang Hari							1	33
4 Tanjung Jabung								
5 Bungo Tebo								
6 Kodya Jambi	1	78						
Jambi	1	78	0	0	0	0	1	33
7 Ogan Komering Ulu					1	938		
8 Ogan Komering Ilir	1	200						
9 Muara Enim								
10 Lahat								
11 Musi Rawas								
12 Musi Banyuasin	5	230			1	22	13	379
13 Bangka							4	167
14 Belitung			1	774			4	729
15 Kodya Palembang	3	158			1	257		
16 Kodya Pangkal Pinang							2	52
South Sumatra	9	588	1	774	3	1,217	23	1,327
17 Bengkulu Selatan								
18 Rejang Lebong								
19 Bengkulu Utara								
20 Kodya Bengkulu					2	76		
Bengkulu	0	0	0	0	2	76	0	0
21 Lampung Selatan	1	196	1	25	3	231	3	90
22 Lampung Tengah								
23 Lampung Utara								
24 Lampung Barat								
25 Kodya Bandar Lampung	2	88			2	404		
Lampung	3	284	1	25	5	635	3	90
Southern Sumatra	13	950	2	799	10	1,928	27	1,450
Northern Sumatra								
Sumatra								
Java								
INDONESIA								

Source: Statistik Industri Pengolahan, BPS

Note: Lampung Utara includes Lampung Barat.

Kabupaten/Kotamadya (Kodya=Kotamadya)	369 Other non- metallic mineral products	381 Fabricated metal products except machinery	382 Machinery except electrical	384 Transport equipment	Establish- ments	Employ- ees	Establish- ments	Employ- ees	Establish- ments	Employ- ees	Establish- ments	Employ- ees
1 Kerinci												
2 Sarolangun Bangko												
3 Batang Hari								3			85	
4 Tanjung Jabung												
5 Bungo Tebo												
6 Kodya Jambi												
Jambi	0	0	0	0	0	0	0	0	0	3	85	
7 Ogan Komering Ulu												
8 Ogan Komering Ilir												
9 Muara Enim												
10 Lahat								1	42			
11 Musi Rawas												
12 Musi Banyuasin			2	166						1	20	
13 Bangka												
14 Belitung	9	1,263										
15 Kodya Palembang			2	150						8	442	
16 Kodya Pangkal Pinang												
South Sumatra	9	1,263	4	316	1	42	9	462				
17 Bengkulu Selatan												
18 Rejang Lebong												
19 Bengkulu Utara												
20 Kodya Bengkulu												
Bengkulu	0	0	0	0	0	0	0	0	0	0	0	
21 Lampung Selatan	1	581	1	39	1	25						
22 Lampung Tengah												
23 Lampung Utara												
24 Lampung Barat												
25 Kodya Bandar Lampung	1	95	3	217						2	82	
Lampung	2	676	4	256	1	25	2	82				
Southern Sumatra	11	1,939	8	572	2	67	14	629				
Northern Sumatra												
Sumatra												
Java												
INDONESIA												

Source: Statistik Industri Pengolahan, BPS

Note: Lampung Utara includes Lampung Barat.

(year: 1989)

Kabupaten/Kotamadya (Kodya=Kotamadya)	390 Other manufacturing industries		Total	
	Establish- ments	Employ- ees	Establish- ments	Employ- ees
1 Kerinci			0	0
2 Sarolangun Bangko			12	565
3 Batang Hari	1	368	37	6,821
4 Tanjung Jabung	1	37	17	6,890
5 Bungo Tebo			7	383
6 Kodya Jambi	2	451	28	4,573
Jambi	4	856	101	19,232
7 Ogan Komering Ulu			2	1,280
8 Ogan Komering Ilir			9	1,961
9 Muara Enim			0	0
10 Lahat			1	42
11 Musi Rawas			7	260
12 Musi Banyuasin			86	18,010
13 Bangka			9	324
14 Belitung			14	2,766
15 Kodya Palembang	1	192	96	21,458
16 Kodya Pangkal Pinang			6	196
South Sumatra	1	192	230	46,297
17 Bengkulu Selatan			1	41
18 Rejang Lebong			3	112
19 Bengkulu Utara			2	306
20 Kodya Bengkulu			8	511
Bengkulu	0	0	14	970
21 Lampung Selatan			39	7,706
22 Lampung Tengah			39	11,373
23 Lampung Utara			8	3,100
24 Lampung Barat			0	0
25 Kodya Bandar Lampung			74	9,636
Lampung	0	0	160	31,815
Southern Sumatra	5	1,048	505	98,314
Northern Sumatra				
Sumatra				
Java				
INDONESIA				

Source: Statistik Industri Pengolahan, BPS

Note: Lampung Utara includes Lampung Barat.

表5 カブパテン/コタマジャ別主要指標 (エネルギー)

Kabupaten/Kotamadya (Kodya=Kotamadya)	Electrification Rate by Village (%, 1990/91)	Electrification Rate by Household (%, 1990/91)	Electricity Sold (million kWh, 1987-89)
/1/	/2/	/3/	/4/
1 Kerinci	n.a.	n.a.	n.a.
2 Sarolangun Bangko	14.4	6.9	3
3 Batang Hari	11.2	6.9	2
4 Tanjung Jabung	18.0	7.1	5
5 Bungo Tebo	6.7	9.0	4
6 Kodya Jambi			75
Jambi	13.2	7.5	89
7 Ogan Komering Ulu	14.0	5.3	4
8 Ogan Komering Ilir	24.2	12.1	0
9 Muara Enim	13.6	19.5	0
10 Lahat	44.4	24.1	0
11 Musi Rawas	15.6	12.2	7
12 Musi Banyuasin	12.5	4.7	1
13 Bangka	10.8	8.3	6
14 Belitung	14.8	17.3	4
15 Kodya Palembang			101
16 Kodya Pangkal Pinang			n.a.
South Sumatra	22.8	11.8	123
17 Bengkulu Selatan	24.3	16.7	0
18 Rejang Lebong	60.0	34.3	1
19 Bengkulu Utara	23.2	15.5	0
20 Kodya Bengkulu	*100.0	*32.8	3
Bengkulu	34.3	22.8	4
21 Lampung Selatan	27.3	8.4	n.a.
22 Lampung Tengah	15.3	3.2	12
23 Lampung Utara	17.2	3.8	9
24 Lampung Barat			
25 Kodya Bandar Lampung			117
Lampung	20.8	5.1	138
Southern Sumatra	20.2	8.3	
Northern Sumatra	28.7	16.3	
Sumatra	26.6	14.3	
Java	52.3	26.7	
INDONESIA	34.5	21.7	

Sources: /2/, /3/ Ministry of Mining and Energy for kabupaten and provincial figures;
PLN for regional and national figures.

/4/ Compiled from Dalam Angka of each province (Jambi 1989, South Sumatra 1988,
Bengkulu 1989, Lampung 1987)

Notes: (1) Lampung Utara includes Lampung Barat.

(2) n.a. denotes not available; 0 negligible; * for reference.

表6 カブパテン/コタマジャ別主要指標 (水資源)

Kabupaten/Kotamadya (Kodya=Kotamadya)	Irrigation Area (ha, 1989) PU Data	Irrigation Area (ha, 1989) BPS Data	Rainfed Area (ha, 1989)	Water Supply Capacity (liter/head/day, 1990)
/1/	/2/	/3/	/4/	/5/
1 Kerinci	9,881	11,493	1,914	10.79
2 Sarolangun Bangko	1,652	9,405	6,035	9.25
3 Batang Hari	105	1,476	5,105	5.97
4 Tanjung Jabung	30	13,003	9,876	11.33
5 Bungo Tebo	2,620	5,469	8,294	9.59
6 Kodya Jambi				78.83
Jambi	14,288	40,846	31,224	21.08
7 Ogan Komering Ulu	23,449	21,651	24,026	8.96
8 Ogan Komering Ilir		3,206	8,706	4.76
9 Muara Enim	704	5,846	2,342	13.27
10 Lahat	10,673	20,964	995	
11 Musi Rawas	12,557	6,524	10,857	13.50
12 Musi Banyuasin		500	1,072	4.89
13 Bangka	330	387	15	10.51
14 Belitung	150	75	39	20.15
15 Kodya Palembang	1,240			117.48
16 Kodya Pangkal Pinang				57.26
South Sumatra	49,103	59,153	48,052	30.00
17 Bengkulu Selatan	17,826	14,987	6,879	11.59
18 Rejang Lebong	18,635	19,030	1,461	22.31
19 Bengkulu Utara	9,856	10,283	4,968	13.87
20 Kodya Bengkulu				50.73
Bengkulu	46,317	44,300	13,308	21.25
21 Lampung Selatan	15,727	26,908	39,256	3.32
22 Lampung Tengah	64,684	83,060	9,988	2.45
23 Lampung Utara	5,842	18,286	12,558	3.13
24 Lampung Barat				
25 Kodya Bandar Lampung				40.71
Lampung	86,253	128,254	61,802	6.95
Southern Sumatra	195,961	272,553	154,386	19.22
Northern Sumatra		597,794	453,351	
Sumatra		870,347	607,737	
Java		2,534,504	888,412	
INDONESIA				

Sources: /2/ Directorate of Irrigation, Ministry of Public Works, Rekapitulasi Inventarisasi Daerah.

/3/, /4/ BPS.

/5/ Directorate General of Human Settlements, Ministry of Public Works.

Notes: (1) Lampung Utara includes Lampung Barat.

(2) In /3/ and /4/, kotamadya is included in surrounding kabupaten: Jambi in Batang Hari; Palembang in Musi Banyuasin; Pangkal Pinang in Bangka; Bengkulu in Rejang Lebong; Bandar Lampung in Lampung Selatan.

表7 カブパテン/コタマジヤ別主要指標 (土地利用)

Kabupaten/Kotamadya (Kodya=Kotamadya)	Land Area		Forest (a)		Agriculture (b)		Estate (c)	
	(sq. km)	(%)	(sq. km)	(%)	(sq. km)	(%)	(sq. km)	(%)
/1/	/2/	/3/	/4/	/5/	/6/	/7/	/8/	/9/
1 Kerinci	4,200	100.0	2,591	61.7	188	4.5	871	20.7
2 Sarolangun Bangko	14,200	100.0	10,958	77.2	298	2.1	2,415	17.0
3 Batang Hari	11,130	100.0	6,634	59.6	230	2.1	2,754	24.7
4 Tanjung Jabung	10,200	100.0	5,646	55.4	1,661	16.3	1,262	12.4
5 Bungo Tebo	13,500	100.0	7,240	53.6	580	4.3	2,880	21.3
6 Kodya Jambi	206	100.0	0	0.0	45	21.8	111	53.9
Jambi	53,436	100.0	33,069	61.9	3,002	5.6	10,293	19.3
7 Ogan Komering Ulu	10,408	100.0	4,724	45.4			972	9.3
8 Ogan Komering Ilir	21,658	100.0	16,880	77.9			913	4.2
9 Muara Enim	9,575	100.0	3,350	35.0			1,797	18.8
10 Lahat	4,034	100.0	2,906	72.0			1,616	40.1
11 Musi Rawas	21,513	100.0	9,350	43.5			1,337	6.2
12 Musi Banyuasin	25,664	100.0	15,064	58.7			1,860	7.2
13 Bangka	11,614	100.0	4,340	37.4			847	7.3
14 Belitung	4,532	100.0	1,780	39.3			145	3.2
15 Kodya Palembang	224	100.0	0	0.0			0	0.0
16 Kodya Pangkal Pinang	32	100.0	0	0.0			0	0.0
South Sumatra	109,254	100.0	58,394	53.4	8,883	8.1	9,487	8.7
17 Bengkulu Selatan	5,949	100.0	5,138	86.4	297	5.0	313	5.3
18 Rejang Lebong	4,110	100.0	3,016	73.4	182	4.4	713	17.3
19 Bengkulu Utara	9,585	100.0	7,405	77.3	281	2.9	1,555	16.2
20 Kodya Bengkulu	145	100.0	44	30.3	18	12.4	8	5.5
Bengkulu	19,789	100.0	15,603	78.8	778	3.9	2,589	13.1
21 Lampung Selatan	6,649	100.0	1,085	16.3	1,257	18.9	2,984	44.9
22 Lampung Tengah	9,190	100.0	466	5.1	3,013	32.8	739	8.0
23 Lampung Utara (d)	19,369	100.0	5,740	29.6	1,040	5.4	2,647	13.7
24 Lampung Barat (d)								
25 Kodya Bandar Lampung	169	100.0	0	0.0	124	73.4	19	11.2
Lampung	35,377	100.0	7,291	20.6	5,434	15.4	6,389	18.1
Southern Sumatra	217,856	100.0	114,357	52.5	18,097	8.3	28,758	13.2
Northern Sumatra	263,929	100.0	145,874	55.3	23,251	8.8	22,566	8.6
Sumatra	481,785	100.0	260,231	54.0	41,348	8.6	51,324	10.7
Java	130,398							
INDONESIA	1,948,732							

Notes: (a) Excludes bush/scrub.

(b) Sum of dryland and wetland.

(c) Includes both large-scale estates and smallholder tree crops.

(d) Lampung Utara includes Lampung Barat.

Sources: Jambi /4/, /6/, /8/ (except for Kodya Jambi) from Jambi Province, Repelita V, Buku III; for Kodya Jambi, Jambi Province, Neraca Kependudukan dan Lingkungan Hidup Daerah Lampiran 1989.

South Sumatra /4/, /8/ from South Sumatra Province, Repelita V: Kehutanan.

Bengkulu /4/, /6/, /8/ from Bengkulu Province, Penggunaan Tanah, 1991.

Lampung /4/, /6/, /8/ from Lampung Province, Repelita V, Buku III.

Northern Sumatra /4/, /6/, /8/ from Ministry of Public Works/JICA, The Study on the Integrated

Regional Development Plan for the Northern Part of Sumatra (LTA-78), Final Report, Vol. III, p. 258.

補章4 IDEP/部門別プロジェクト・マトリクス

	Tanjung Jabung	Palembang	Musi Rawas/Lahat	Bengkulu Selatan
Agriculture	<p>A-13: Development of Smallholder Estate Crops</p> <p>A-17: Large Scale Estate Development</p> <p>A-20: NES-type Beef Cattle Farming Development</p>	<p>A-12: Development of Cold Storage Facilities in Urban Markets</p> <p>A-22: Improvement of Slaughter Facilities and Cold Storage in Urban Centers</p>	<p>A-2: On-Farm Land Development</p> <p>A-3: High Altitude Horticulture Development</p> <p>A-4: Upland Cropping Systems Development in Hilly Areas</p> <p>A-14: Smallholder Tree Crop Marketing Development</p> <p>A-17: Large Scale Estate Development</p> <p>A-21: Development of Commercial Poultry Farms</p>	<p>A-2: On-Farm Land Development</p> <p>A-13: Development of Smallholder Estate Crops</p> <p>A-17: Large Scale Estate Development</p>
Fisheries	<p>B-3/4/5: Coastal Fisheries Management Project</p> <p>B-8: Brackish water Shrimp Culture Industrialization Project</p> <p>B-18: Swamp Fishery Development Project</p>		<p>B-9: Freshwater Giant Prawn Culture Development Project</p>	<p>B-11/12: Fishing Village Community Development Project</p> <p>B-13/16: Offshore Fisheries Development Project in Western Waters</p> <p>B-21/22: Fisheries Education and Training Project</p>
Industry	<p>C-14: Coconut Oil Processing</p> <p>C-20: Mushroom Fed on Saw-Dust</p> <p>C-32: Fiber Board</p> <p>C-33: Particle Board</p> <p>C-34: Furniture or Modules of Furniture</p>	<p>C-4: Development of Industrial Estates</p> <p>C-5: Upgrading of Institutes of R & D in Industry</p> <p>C-6: Improvement of Vocational Training Centers</p> <p>C-10: Investment Promotion</p> <p>C-13: Starch (or Modified Starch) from Cassava</p> <p>C-14: Coconut Oil Processing</p> <p>C-16: Canning of Fruits, Vegetables and Fishes</p> <p>C-17: Dehydration of Vegetables</p> <p>C-18: Frozen Vegetables and Fruits</p> <p>C-19: Instant Coffee/Cocoa</p> <p>C-20: Mushroom Fed on Saw-Dust</p> <p>C-21: Banana Chips</p> <p>C-22: Pickles of Cucumber, Ginger, etc.</p> <p>C-23: Sumatra Tea Bag</p> <p>C-31: Wood Wool Cement Board</p>	<p>C-13: Starch (or Modified Starch) from Cassava</p> <p>C-16: Canning of Fruits, Vegetables and Fishes</p> <p>C-17: Dehydration of Vegetables</p> <p>C-18: Frozen Vegetables and Fruits</p> <p>C-22: Pickles of Cucumber, Ginger, etc.</p> <p>C-31: Wood Wool Cement Board</p> <p>C-32: Fiber Board</p> <p>C-33: Particle Board</p> <p>C-34: Furniture or Modules of Furniture</p> <p>C-36: Rubber Processing</p> <p>C-48: Poultry/Fish Feeds</p>	<p>C-16: Canning of Fruits, Vegetables and Fishes</p> <p>C-17: Dehydration of Vegetables (onion, carrot, ginger, peas, etc.)</p> <p>C-18: Frozen Vegetables and Fruits (ex. "edamame")</p> <p>C-19: Instant Coffee/Cocoa</p> <p>C-24: Iodine from Sea-Weed</p> <p>C-25: Dried Sea-Weed</p>

	Lampung Utara	Bandar Lampung/Lampung Selatan	Prefeasibility Project Outside IDEP
Agriculture	<p>A-4: Upland Cropping Systems Development in Hilly Areas</p> <p>A-13: Development of Smallholder Estate Crops</p> <p>A-17: Large Scale Estate Development</p> <p>A-20: NES-type Beef Cattle Farming Development</p>	<p>A-2: On-Farm Land Development</p> <p>A-4: Upland Cropping Systems Development in Hilly Areas</p> <p>A-12: Development of Cold Storage Facilities in Urban Markets</p> <p>A-22: Improvement of Slaughter Facilities and Cold Storage in Urban Centers</p>	
Fisheries	<p>B-18: Swamp Fishery Development Project</p> <p>B-19/20: Aquaculture Water Supply Stabilization</p>	<p>B-8: Brackishwater Shrimp Culture Industrialization Project</p> <p>B-6/7: KUD-Based Fish Processing and Marketing Promotion Project</p> <p>B-17: Mariculture Development</p> <p>B-21/22: Fisheries Education and Training Project</p>	
Industry	<p>C-12: Meat Processing</p> <p>C-13: Starch (or Modified Starch) from Cassava</p> <p>C-16: Canning of Fruits, Vegetables and Fishes</p>	<p>C-4: Development of Industrial Estates</p> <p>C-5: Upgrading of Institutes of R & D in Industry</p> <p>C-6: Improvement of Vocational Training Centers</p> <p>C-10: Investment Promotion</p> <p>C-12: Meat Processing</p> <p>C-13: Starch (or Modified Starch) from Cassava</p> <p>C-17: Dehydration of Vegetables</p> <p>C-18: Frozen Vegetables and Fruits</p> <p>C-21: Banana Chips</p> <p>C-24: Iodine from Sea-Weed</p> <p>C-36: Rubber Processing</p> <p>C-37: Rubber Processing (Molds, Die-Cuttings, Balls, etc.)</p> <p>C-43: Glutamic Acid/Monosodium Glutamate</p> <p>C-44: Wooven Bags for Sugar, etc.</p>	

	Tanjung Jabung	Palembang	Musi Rawas/Lahat	Bengkulu Selatan
Industry		C-32: Fiber Board C-33: Particle Board C-34: Furniture or Modules of Furniture C-35: Pulp and Paper Manufacturing C-36: Rubber Processing C-37: Rubber Processing (Molds, Die-Cutting, Balls, etc.) C-38: Urea Fertilizer C-39: Purified Telephthalic Acid C-40: Polypropylene C-41: Formaldehyde Resin C-42: Acrilontrile Butadiene Styrene		
Mining/ Energy		D-3: Gas-Fired Thermal Power Plant D-4: City Gas Delivery System D-5: Integrated Energy Center	D-11: Boring Exploration in Musi Rawas Coal Field	D-16: Briquettes Promotion Project D-23: Power System Interconnection
Tourism	E-4: Berbak National Park Tourism Development	E-6: Old Quarter Rehabilitation and Conservation E-7: Sriwijaya Archaeological Park-Museum Development E-11: Sriwijaya Festival Promotion		

	Lampung Utara	Bandar Lampung/Lampung Selatan	Prefeasibility Project Outside IDEP
Industry			
Mining/ Energy	D-22: Coal-Fired Thermal Power Plant	D-19: Geothermal Survey around Kalianda D-20: Geothermal Power Development around Ulubelu D-21: Way Semangka Hydro-Power Development (=F-37) D-23: Power System Interconnection	
Tourism		E-16: Krakatau Tourism Development E-17: Merak Belantung Beach Resort Development E-21: Bandar Lampung Waterfront and Tourism Facility Development E-22: Krakatau Festival Promotion E-23: Tourism/Tourism Related Industry Training Program	E-18: Way Kambas National Park Tourism Development

	Tanjung Jabung	Palembang	Musi Rawas/Lahat	Bengkulu Selatan
Water Resources	<p>F-1: Batang Hari Integrated Basin Development Plan</p> <p>F-5: Tungkal River Irrigation Development Project</p> <p>F-8: Integrated Swamp Development Project</p> <p>F-40: Rural Water Supply for the Eastern Coastal Swamp Area</p>	<p>F-9: Master Plan for Palembang Urban Drainage and Sewerage Treatment System (=I-6)</p> <p>F-10: Feasibility Study for Palembang Water Supply</p> <p>F-18: Feasibility Study for Banyuasin Floodway</p>	<p>F-14: Upper Musi River Basin Water Resources Development Projects</p> <p>F-15: Rehabilitation and Expansion of Irrigation Schemes in Kabupaten Lahat</p> <p>F-16: Feasibility Study for Lematang-4 Hydropower Development Project</p>	<p>F-28: Manna-1 Hydropower Development Project</p> <p>F-29: Peninjauan Swamp Land Development Project</p> <p>F-39: Integrated Small Rivers Development Project</p>
Transportation	<p>G-25: Deep Sea Port Construction (Batang Hari River in Jambi)</p> <p>G-27: Seaport Improvements (Jambi)</p> <p>G-45: Sungai Bengkal-Merlung-Pematang Lumut Road</p> <p>G-46: Tanjung Jabung Kabupaten Local Roads</p> <p>G-47: Swampland Road to Muara Sabak Port Town</p> <p>G-48: Direct Road Jambi City-Muara Sabak Port Town</p>	<p>G-3: Sultan Badarudin II Airport Upgrade</p> <p>G-19: Commuter Docks Improvement</p> <p>G-30: Seaport Improvements (South Sumatra)</p> <p>G-55: Outer Ring Road for Palembang (northern section)</p>	<p>G-6: Lubuklinggau Airfield Improvement</p> <p>G-50: Safety Improvement Program for Mountain and Riverside Routes, Railroad Crossings</p> <p>G-52: Sarolangun-Sekayu-Betung East-West Trunk Road</p> <p>G-53: Mangun Jaya-Muara Beliti Road</p>	<p>G-59: West Coast Road Improvement Program</p> <p>G-63: Local Roads Network Improvement in Pino, Manna and Three Kaur Kecamatan</p> <p>G-64: Cross Mountain Road Tanjung Iman-Muara Saung-Ujan Mas (South Sumatra)</p>

	Lampung Utara	Bandar Lampung/Lampung Selatan	Prefeasibility Project Outside IDEP
Water Resources	<p>F-33: Implementation of Way Rarem Irrigation Project</p> <p>F-34: Tulang Bawang River Basin Irrigation Development Project</p> <p>F-35: Way Mesuji and Way Agung Irrigation Development Project</p>	<p>F-30: Water Allocation Study for Way Sekampung River Basin</p> <p>F-31: Master Plan for Bandar Lampung Sewerage Treatment System</p> <p>F-32: Implementation of Batuteji Multi-Purpose Dam and Reservoir Project</p> <p>F-36: Lampung Selatan Flood Control and Sabo Project</p> <p>F-37: Way Semangka Hydropower Development Project</p> <p>F-41: Institutional Management Study for PDAM in Provincial Capital Cities</p>	<p>F-12: Lower Komering Integrated Agriculture Development</p>
Transportation	<p>G-71: Pakuan Ratu-Sp. Tulang Bawang Road</p> <p>G-72: Pakuan Ratu-Negara Ratu Road</p> <p>G-73: Simpang Sinar Asahan-Rawajitu East-West Swampland Road</p> <p>G-74: Selected Transmigration and Private Roads Improvement Program for Network Development</p> <p>G-75: Rawajitu/Teladas to Sepuhtsurabaya Swampland Road</p>	<p>G-9: Branti Airport Upgrade</p> <p>G-13: Bakauheni Rail Access Line</p> <p>G-14: Bandar Lampung City Rail Bypass Line</p> <p>G-24: Ferry Terminal Expansion (Bakauheni)</p> <p>G-36: Port Improvement (Panjang)</p> <p>G-37: Facilities for Nontraditional Seacraft</p> <p>G-38: Completion of the Eastern Sumatra Highway</p> <p>G-67: Krui-Biha-Bengkunat-Sanggi Road (West Coast Road)</p> <p>G-68: Sanggi-Suwoh-Kotabesi Valley Road</p> <p>G-76: Outer Bypass around Bandar Lampung</p> <p>G-77: Twin Bay Coastal Road Padang Cermin-Kiluan-Putihdoh-Kotaagung</p> <p>G-78: Rajabasa Regional Bus Terminal Expansion(Tanjung Karang)</p>	<p>G-29: Deep Sea Port Construction (South Sumatra)</p>

	Tanjung Jabung	Palembang	Musi Rawas/Lahat	Bengkulu Selatan
Telecommunication	H-8: Rural Telecommunication System	H-1: Expansion of Exchange System H-2: Expansion of Outside Plant H-12: Diffusion of OPMC H-13: Maintenance Center H-15: Software Center Development H-16: CAI System Development H-17: Establishment of Demand Forecast System		H-8: Rural Telecommunication System
Urban and Rural Development	I-4: Secondary Cities Urban Development Project I-25: Rural Development (Support for Trans Bandep)	I-6: Master Plan for Palembang Urban Drainage and Sewerage Treatment (=F-9) I-8: Kampung Development Program	I-11: Integrated Urban Infrastructure Development Program (IUIDP) I-12: Spatial Plan I-13: Secondary Cities Urban Development Project (SCUDP) I-26: Rural Development Project	I-16: Spatial Plan I-17: Secondary Cities Urban Development Project (SCUDP)
Land Use/Forestry/Environment	J-4: Pilot Demonstration on Integrated and Sustainable Mangrove Forest Management		J-7: Industrial Forest Plantation J-23: Integrated Social Forestry for the Production of Fuelwood, Food and Cash Crops J-24: Rehabilitation of Critical Watersheds	J-8: Rehabilitation of Critical Forest Land J-20: Rural Rattan Development for Smallholders J-21: Resin-Based Rural Industries J-23: Integrated Social Forestry for the Production of Fuelwood, Food and Cash Crops J-26: Management of Protection Forests
Institutional Support	K-1: Establishment of IDEP Management Unit (IMU)	K-1: Establishment of IDEP Management Unit (IMU)	K-1: Establishment of IDEP Management Unit (IMU)	K-1: Establishment of IDEP Management Unit (IMU)

	Lampung Utara	Bandar Lampung/Lampung Selatan	Prefeasibility Project Outside IDEP
Telecommunication		H-1: Expansion of Exchange System H-2: Expansion of Outside Plant H-5: Terrestrial Transmission System Extending from Trans-and Cross-Sumatra Transmission Systems H-8: Rural Telecommunication System	H-6: New Backbone Transmission Fiber Optic System
Urban and Rural Development	I-18: Secondary Cities Urban Development Project (SCUDP) I-27: Participatory Rural Development Program	I-19: Master Plan for Bandar Lampung City Development I-20: Water Supply for Bandar Lampung I-21: Master Plan for Bandar Lampung Sewerage Treatment (=F-31) I-22: Kampung Improvement Program (KIP) I-23: Spatial Plan I-24: Integrated Urban Infrastructure Development Program (IUIDP) I-28: Rural Development Program for Conservation and Agricultural Diversification	
Land Use/Forestry/Environment	J-15: Integrated and Sustainable Development of Swamp Areas	J-13: Comprehensive Environmental Management of the Lampung Bay	
Institutional Support	K-1: Establishment of IDEP Management Unit (IMU)	K-1: Establishment of IDEP Management Unit (IMU)	

補章5 スコープ・オブ・ワーク

SCOPE OF WORK
FOR
THE STUDY
ON
THE INTEGRATED REGIONAL DEVELOPMENT PLAN
FOR
THE SOUTHERN PART OF SUMATRA
IN
THE REPUBLIC OF INDONESIA

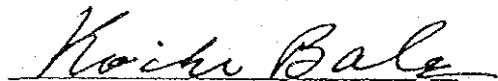
AGREED UPON BETWEEN

THE MINISTRY OF PUBLIC WORKS
AND
THE JAPAN INTERNATIONAL COOPERATION AGENCY

JAKARTA, NOVEMBER 7 , 1990



SALMON KODIJAT
ACTING DIRECTOR GENERAL OF
HUMAN SETTLEMENTS
MINISTRY OF PUBLIC WORKS
THE REPUBLIC OF INDONESIA



PROF. KOICHI BABA
LEADER OF
THE PRELIMINARY STUDY TEAM
THE JAPAN INTERNATIONAL
COOPERATION AGENCY

I. INTRODUCTION

In response to the request of the Government of the Republic of Indonesia (hereinafter referred to as "the Government of Indonesia"), the Government of Japan, in accordance with the relevant laws and regulations in force in Japan, decided to conduct the study on the Integrated Regional Development Plan for the Southern Part of Sumatra in the Republic of Indonesia (hereinafter referred to as "the Study").

Accordingly, the Japan International Cooperation Agency (hereinafter referred to as "JICA"), the official agency responsible for the implementation of the technical cooperation programmes of the Government of Japan, will undertake the Study, in close cooperation with the authorities concerned of the Government of Indonesia.

The Directorate General of Human Settlements (hereinafter referred to as "DGCK"), The Ministry of Public Works shall act as counterpart agency to the Japanese study team. A Steering Committee will be set up consisting of agencies concerned and chaired by the Deputy Chairman for Regional Affairs of BAPPENAS and will act as coordinating body to other governmental and non-governmental organizations concerned for the smooth implementation of the Study.

II. OBJECTIVES OF THE STUDY

The objectives of the study are :

1. to formulate the Integrated Regional Development Plan as a part of National Development Plan for the purpose of achieving harmonious socio-economic and physical development within the study region taking into due consideration the importance of coordination among past and on-going studies.
2. to identify priority projects and areas within the context of the above plan,
3. to strengthen the planning capability of Indonesian counterpart personnel in the course of the Study.

A.B
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III. STUDY AREA

The study area will cover the four provinces that comprises the Southern Sumatra Region, namely Jambi, South Sumatra, Bengkulu and Lampung.

IV. SCOPE OF WORK

1. General,

- (1) The Integrated Regional Development Plan will encompass the time span to 2010.
- (2) The Study aims at formulating concrete and specific long-term development strategies for the region.
- (3) The Study will consider the importance of spatial, and inter-sectoral linkages in the development strategy.
- (4) As main sources of the Study, existing study reports and data will be appropriately utilized.

2. Major Items of the Study.

Step 1. Analysis of the Present Situation for Development.

The present situation of basic natural-physical condition, socio-economic situation and sectoral development will be analyzed.

Past and on-going studies will be reviewed. Then, current obstacles for development will be identified.

Step 2. Identification of Development Potentials.

Development potentials in each sector will be assessed on the basis of the data collected in Step 1 from the viewpoint of utilizing local natural resources by keeping considerations on environmental conditions, and establishing stronger integration and linkages between the economy of the region and that of the rest of the country.

Major obstacles will be examined and specific measures to overcome them will be identified.

R. B.
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Step 3. Establishment of Development Objectives, and Formulation of Overall Development Framework.

Development objectives will be established , keeping their consistency with the national policies, which cover central, provincial and local government policies.

Three basic requirements, namely narrowing of inter and intra provincial disparities in terms of level of welfare, increasing the non-oil production sectors and expansion of the Region's employment opportunity, will be reflected for that framework.

Step 4. Formulation of Regional Development Strategies.

Regional development strategies will be formulated according to the development framework set up in Step 3.

In preparing the strategies, the following items will be taken into consideration as well as the prospects of the international economic environment and national development:

1. the direction for improving the Region's industrial structure,
2. policy alternatives to increase outputs of the production sectors,
3. policy to minimize inter-and intra-regional income disparities,
4. measures to expand the Region's employment opportunity and to alleviate poverty,
5. alternative land use,
6. spspialization and integration among the areas , both urban and rural in the Region,
7. appropriate scales and mix of basic infrastructures such as transportation network to serve development of the production sectors, and
8. environmental aspects.

Step 5. Selection of Priority Area and Priority Projects.

Subject to the Regional Development Strategies prepared in Step 4, priority areas and priority projects in production and infrastructural sectors will be selected.

KB

Step 6. Identification of Priority Projects or Project Package.

In view of the result in Step 5, priority projects or project packages for the selected areas will be carefully identified.

Step 7. Preliminary Study of High-priority Projects.

Preliminary studies of the high-priority projects selected in Step 6 will be conducted and in the conduct of these studies, the nature of obstacles which might affect the feasibility and implementation of the projects will be examined in preliminary level. Financial capabilities, such as arrangements between the public and the private sector should be taken into account.

V. STUDY SCHEDULE.

The Study will be executed in accordance with the attached tentative schedule.

VI. REPORTS.

The JICA shall prepare and submit the following reports in English to the Government of Indonesia.

1. Inception Report
Fifty (50) copies within 2 months from the commencement of the Study.
2. Progress Report (I)
Fifty (50) copies within 7 months from the commencement of the Study.
3. Progress Report (II)
Fifty (50) copies within 12 months from the commencement of the Study.
4. Interim Report
Fifty (50) copies within 15 months from the commencement of the Study.
5. Progress Report (III)
Fifty (50) copies within 20 months from the commencement of the Study.

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6. Draft Final Report

Eighty(80) copies within 23 months from the commencement of the Study.

The Indonesian authorities concerned shall submit their comments within two(2) months after the receipt of the Draft Final Report.

7. Final Report

One hundred and fifty(150) copies within one and a half(1.5) months after receipt of the comments from the authorities concerned on the Draft Final Report.

VII. UNDERTAKING OF THE GOVERNMENT OF INDONESIA.

The Government of Indonesia, in accordance with the relevant laws and regulations in force in Indonesia, shall accord privileges and other benefits to the Japanese study team, and through the authorities concerned, take necessary measures to facilitate the smooth implementation of the Study.

1. The DGCK shall make necessary arrangement with the cooperation of other relevant organizations for the followings:

- (1) to secure the safety of the Japanese study team,
- (2) to permit the member of the Japanese study team enter, leave and sojourn in Indonesia for the duration of their assignment therein, and exempts them from alien registration requirements and consular fees,
- (3) to exempt the members of the Japanese study team from taxes, duties and other charges on equipment, machinery and other materials brought into Indonesia necessary for the implementation of the Study,
- (4) to exempt the members of the Japanese study team from income tax and other charges imposed on, or in connection with, any emoluments or allowances paid to the members of the Japanese study team for their service in connection with the implementation of the Study,
- (5) to provide necessary facilities to the Japanese study team for remittance as well as utilization of funds introduced into Indonesia from Japan in connection with the implementation of the Study,
- (6) to provide medical services as needed. Its expenses will be chargeable on the members of the Japanese study team,



- (7) to secure permission for the Japanese study team to take all data, documents and necessary materials related to the Study out of Indonesia to Japan,
 - (8) to secure permission for The Japanese-study team to enter private properties or public areas, and
 - (9) to facilitate prompt clearance through customs and inland transportation of equipment materials and supplies required for the Study and of the personal effects of members of the Japanese study team.
2. The DGCK shall, at its own expense, provide the Japanese study team with the followings, in cooperation with other relevant organizations:
- (1) available data and information related to the Study.
 - (2) counterpart personnel from central and provincial governments.
 - (3) suitable office space with necessary equipment both in Jakarta and in respective province of the study area.
 - (4) credential or identification cards.
3. The government of Indonesia shall bear claims, if any arises against the member of the Japanese study 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 wilful misconduct on the part of the members of the Japanese study team.

VIII. UNDERTAKING OF THE JICA

For the implementation of the Study, the JICA shall take the following measures:

1. to dispatch at its own expense, study team to Indonesia.
2. to provide equipment necessary for the Japanese study team, and
3. to perform technology transfer to the Indonesian counterpart personnel in the course of the Study.

IX. CONSULTATION.

The JICA and the Steering Committee as well as the DGCK will consult with each other in respect of any matter that is not mentioned in this document, and may arise from, or in connection with the Study.

TENTATIVE SCHEDULE

ITEM	MONTH																												
		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	
1. COLLECTION OF BASIC INFORMATION		=====																											
			=====																										
2. ANALYSIS OF PRESENT SITUATION FOR DEVELOPMENT				=====																									
					=====																								
3. IDENTIFICATION OF DEVELOPMENT POTENTIALS						=====																							
							=====																						
4. ESTABLISHMENT OF OBJECTIVES AND FORMULATION OF FRAMEWORK								=====																					
									=====																				
5. FORMULATION OF REGIONAL DEVELOPMENT STRATEGIES										=====																			
											=====																		
6. SELECTION OF PRIORITY AREAS AND PRIORITY PROJECTS											=====																		
												=====																	
7. IDENTIFICATION OF PRIORITY PROJECTS OR PROJECT PACKAGES & PRELIMINARY STUDY OF HIGH-PRIORITY PROJECTS												=====																	
													=====																
8. DRAFT FINAL REPORT AND FINAL REPORT																													

▲ IC/R ▲ P/R(I) ▲ P/R(II) ▲ IT/R ▲ P/R(III) ▲ DF/R ▲ F/R

A. R.

MINUTES OF MEETING
BETWEEN DGCK AND JICA PRELIMINARY STUDY TEAM
O N
THE SCOPE OF WORK FOR THE STUDY
O N
THE INTEGRATED REGIONAL DEVELOPMENT PLAN
F O R
THE SOUTHERN PART OF SUMATRA

The Japanese Preliminary Study Team for the Integrated Regional Development Plan for the Southern Part of Sumatra (the Team) visited Indonesia with the purpose of working out and concluding the Scope of Work on the Study of the Integrated Regional Development Plan for the Southern Part of Sumatra (the Study).

During their stay in Indonesia the Team had a series of discussions with the Directorate General of Human Settlements (the DGCK) and other relevant authorities as shown in the Attachment.

In the course of discussions, some remarks were made by the Indonesian side with regard to the Scope of Work.

The main points confirmed are summarized as follows :

1. The Steering Committee for the Study, which shall be constituted of representatives of the DGCK, the BAPPENAS and the Ministry of Home Affairs, shall be set up. Under the direction of the Steering Committee, workshops which watch and discuss progress of the Study shall be held at appropriate stages at both national and provincial levels.
The workshops shall be constituted of personnel from agencies concerned.
2. The Integrated Development Program (IDEP), which was developed and elaborated in the Study on the Integrated Regional Development Plan for the Northern Part of Sumatra, will be applied to the Study as development planning approach.

3. The Indonesian side was of the opinion that the Study should include social sector as well as production sector. The Team stated that the Study would emphasize production sector, while social factors would be taken into due consideration. Therefore the final output of the Study would not explicitly cover social sector planning.
4. The transmigration program in Indonesia will be regarded as a given condition in the Study.
5. It is understood that preparing terms of reference for feasibility studies of recommended projects is out of the Scope of Work.
6. In compliance with strong request by the Indonesian side, careful attention will be given to the environmental aspects of development process.
7. In order to facilitate technology transfer of regional planning and other related fields, the following efforts shall be made on both sides : in particular the Indonesian side would provide counterparts who could manage English to work jointly, and the Japanese side together with the counterparts would conduct the Study including the analyses in Indonesia as much as possible.
8. Provision of adequate office space with necessary equipments both in Jakarta and in each province in the study area shall be secured.
9. For smooth implementation of the Study, the DGCK would designate contact-point personnel to respective agencies in the central and provincial governments.
10. The Team is not in a position to meet directly the demand for overseas training as part of the Study. However, the request shall be conveyed to the authorities concerned in Japan.

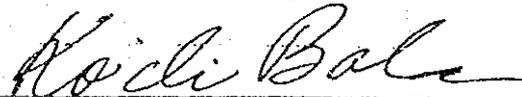
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11. In reference to IV.1. (4) in the Scope of Work, existing study reports and data such as LREP (Land Resources Evaluation and Planning) and RePPPProT (Regional Physical Planning and Programme for Transmigration) will be appropriately utilized in the Study.

Jakarta, November 7 , 1990



SALMON KODIJAT
Acting Director General of
Human Settlements
Ministry of Public Works
The Republic of Indonesia



PROF. KOICHI BABA
L e a d e r of
The Preliminary Study Team
The Japan International
Cooperation Agency

補章6 インドネシア側委員会の担当者

1. STEERING COMMITTEE

Prof. Dr. Sugijanto Soegijoko Ir. Rachmadi Bambang Soemadijo	Deputi V Bidang Regional dan Daerah, Bappenas Direktur Jenderal Cipta Karya, Departemen Pekerjaan Umum
Drs. Parawansa	Direktur Jenderal Pembangunan Daerah, Dept. Dalam Negeri
Ir. Hendropranoto Suselo MPW	Staf Ahli Menteri Pek. Umum Bidang Tata Keterpaduan Kawasan dan Planologi Kota
Dr. Ir. Budhy Tjahjati S.	Kepala Biro Sosial, Ekonomi dan Tata Ruang Bappenas
Dr. Manuwoto Drs. Kunarjo MA	Kepala Biro Regional I Bappenas Kepala Biro Pembiayaan Proyek-proyek Pembangunan Bappenas
Drs. Darsa	Direktur Pembinaan Anggaran Pembangunan Departemen Keuangan
Ir. Tubagus Haedar Ali	Direktur Tata Kota dan Tata Daerah, Direktorat Jenderal Cipta Karya Dep.PU
Drs. S.K. Mangiri	Direktur Bina Program Dit Jend Pembangunan Daerah Dep. Dalam Negeri
Ir. P. Sidabutar	Direktur Bina Program, Ditjend Cipta Karya, Dep. Pekerjaan Umum
Ir. Soenardi Hadisoepadmo	Kepala Biro Perencanaan, Departemen Pekerjaan Umum
Drs. H. Alamsyah Braksan Drs: H.T. Simanjuntak Drs. H. Yahya Kemaja Ir. Bambang Irawan	Ketua Bappeda Tk.I Propinsi Jambi Ketua Bappeda Tk.I Propinsi Sumatera Selatan Ketua Bappeda Tk.I Propinsi Bengkulu Ketua Bappeda Tk.I Propinsi Lampung

2. TECHNICAL COMMITTEE

Ir. Tubagus Haedar Ali	Direktur Tata Kota dan Tata Daerah Dit Jend Cipta Karya
Roslan Zaris SE.MSc	Kepala Sub.Direktorat Perencanaan Umum Wilayah.Dit Tata Kota dan Tata Daerah.
Drs. Herman Siregar MA	Kepala Sub Direktorat Perencanaan Pembangunan Dit Bina Program, Dep. Dalam Negeri
Drs. Putu Yarsa Ir. Herry Darwanto Drs. H. Siagian SH	Staf Biro Regional I, I Deputy V. Bappenas Staf Biro SETR Deputy V. Bappenas Kepala Bidang Fisik dan Prasarana Bappeda Tk.I Jambi
Drs. Abd. Aziz Drs. Machfudz Rahim	Kepala Bidang Penelitian Bappeda Tk.I Jambi Kepala Bidang Fisik dan Prasarana Bappeda Tk.I Sumatera Selatan
Drs. Muchsin A.S	Kepala Bidang Penelitian Bappeda Tk.I Sumatera Selatan
Drs. Musiardanis MSc	Kepala Bidang Fisik dan Prasarana Bappeda Tk.I Bengkulu
Drs. Roeskan E.Oeman	Kepala Bidang Penelitian Bappeda Tk.I Prop. Bengkulu
Drs. Hoeban Namploh	Kepala Bidang Fisik dan Prasarana Bappeda Tk.I Lampung
Ir. Siti Nurbaya Rusli MSc.	Kepala Bidang Penelitian, Bappeda Tk.I Prop. Lampung
Ir. Adi Utomo	Kepala Dinas Pekerjaan Umum Propinsi Jambi

Ir. H. Hasan Nuh

Ir. Moestadjab
Kol. CZI. Karyotomo

Kepala Dinas Pekerjaan Umum Propinsi Sumatera Selatan

Kepala Dinas Pekerjaan Umum Propinsi Bengkulu
Kepala Dinas Pekerjaan Umum Propinsi Lampung

3. COUNTERPART TEAM

Ir. Mauritz Pasaribu MRegSc

Ir. Feryanto Djais

Dra. Dyah Herawaty

Ir. Hamzah

Ir. Budi Situmorang

Ir. Agus Muharram MSP

Drs. Husni Taufik

Melanthon S.BE.

Drs. Bambang Widodo

Ir. Syaiful

M. Yusuf BMuE

Idransono BE

Ir. Heru Prihandono

Kepala Seksi Analisa Wilayah Sub Dit PUW
Dit.TKTD

Kepala Seksi Perencanaan Pengembangan Wilayah
Subdit PUW Dit Tata Kota dan Tata Daerah

Staf Subdit PUW.Dit.Tata Kota dan Tata Daerah

Staf Dit.Binaprogram. Ditjend Bangda Dep.Dalam

Negeri

Pemimpin Proyek P2R Kanwil PU.Prop.Jambi

Pemimpin Proyek P2R Kanwil PU.Prop.Sumatera Selatan

Staf Proyek P2R Kanwil PU.Prop.Bengkulu

Pemimpin Proyek P2R Kanwil PU Prop.Lampung

補章7 ワークショップ議事録

7.1 SUMMARY PROCEEDINGS OF THE FIRST WORKSHOP

1. Invitation Letter



REPUBLIK INDONESIA
BADAN PERENCANAAN PEMBANGUNAN NASIONAL
J A K A R T A

No. : 2447/D.V/6/91
Lamp. : 2 (dua) helai

11 Juni 1991

Kepada Yth.
(Daftar Terlampir)

Perihal : Pembahasan Laporan Pendahuluan Studi Pengembangan Wilayah
Terpadu di Sumatera Bagian Selatan

Saat ini Pemerintah Indonesia bekerjasama dengan Pemerintah Jepang sedang melaksanakan kegiatan Perencanaan Pembangunan Terpadu Wilayah Sumatera Bagian Selatan. Laporan Pendahuluan yang membahas kerangka pelaksanaan studi telah diselesaikan.

Sehubungan dengan itu, kami mengharapkan kehadiran Saudara untuk mengikuti Pembahasan Laporan Pendahuluan tersebut yang akan diselenggarakan pada :

Hari/Tanggal : Jumat, 21 Juni 1991
W a k t u : 09.00 - selesai
T e m p a t : R. Rapat 204 - 206, Lt. II, Bappenas
Jl. Madiun No. 4-6, Jakarta Pusat
A c a r a : Terlampir

Kami sangat mengharapkan masukan dan saran-saran Saudara untuk penyempurnaan konsep kerangka studi tersebut. Terlampir disampaikan daftar acara Lokakarya dan konsep Laporan Pendahuluan.

Atas perhatian Saudara, kami ucapkan terima kasih.


Deputi Bidang Regional dan Daerah
Sugijanto Soegijoko

Tembusan :

1. Yth. Dirjen Cipta Karya, DPU
2. Yth. Dirjen Bangda, DEPDAGRI
3. Yth. Asmen Perencanaan Pembangunan Nasional

2. Agenda

Date : 21 June 1991 (Friday)
Place: Room 204 - 206, BAPPENAS

9:00-9:45	Opening Remark Progress Report Remarks	Deputy V, BAPPENAS Director, DTKTD Chairman, JICA Advisory Committee BAPPENAS
9:45-11:00	Presentation and Discussion - based on the Inception Report	JICA Team/DGCK Team
11:00-12:00	Presentation and Discussion	Chairmen, BAPPEDA
12:00-13:00	Friday Prayer and Lunch	
13:00-14:45	Discussion	
14:45-15:00	Conclusion and Recommendations	

3. Participants

Indonesia (33)

Dr.Sugijanto Soegijoko	Deputy V, BAPPENAS
Dr.Budhy Tjahjati	Head, Bureau of Socio-Economic and Social Planning, BAPPENAS
Dr.Manuwoto	Head, Bureau of Region I, BAPPENAS
Mr.Herry Darwanto	Bureau of Socio-Economic and Social Planning, BAPPENAS
Ms.Rosediana	Bureau of Region I, BAPPENAS
Mr.Haryo Raharjo	"
Mr.Hanan	Bureau of Region II, BAPPENAS
Mr.M.Sayid Subehan	Bureau of Region III, BAPPENAS
Mr.F.Sugiono	"
Mr.T.A.Sam	Bureau of Development Aid to the Regions, BAPPENAS
Mr.Herman S.	BANGDA, Ministry of Home Affairs
Mr.B.Widodo	"
Mr.Roslan Zaris	Head, PUW, Ministry of Public Works

Mr.Maurits Pasaribu	PUW, Ministry of Public Works
Mr.Agus Muharram	"
Mr.Husni Taufik	"
Mr.Hamzah	"
Mr.Budi Situmorang	"
Mr.Arryanto Sagala	Bureau of Planning, Ministry of Industry
Mr.Bangun Harahap	Bureau of Palnning, Ministry of Mining and Energy
Dr.Togar Napitupulu	Bureau of Planning, Ministry of Agriculture
Mr.Imam Hambali	Bureau of Planning, Ministry of Communication
Mr.Krisno Wardoyo	Bureau of Planning, Ministry of Tourism, Post and Telecommunication
Dr.Silver Hutabarat	Bureau of Planning, Ministry of Forestry
Mr.Bambang S.	Ministry of Population and Environment
Mr.S.Riswan	Indonesian Institute of Science (LIPI)
Mr.Suryo Sediono	Indonesian Chamber of Commerce and Industry (KADIN)
Mr.H.Alamsyah Braksan	Chairman, BAPPEDA Jambi
Mr.H.Siagian	BAPPEDA Jambi
Mr.H.T.Simanjuntak	Chairman, BAPPEDA South Sumatra
Mr.Syarifuddin Kholik	BAPPEDA Bengkulu
Mr.Bambang Irawan	Chairman, BAPPEDA Lampung
Ms.Siti Nurbaya	BAPPEDA Lampung

Japan (21)

Prof.Koichi Baba	Chairman, JICA Advisory Committee
Mr.Mitsuhiko Okada	JICA Advisory Committee
Mr.Kazuhiro Asano	"
Mr.Akira Takahashi	Representative, JICA Indonesia
Mr.Noboru Taneda	JICA Indonesia
Mr.Masaru Takimoto	JICA Expert, DGCK

Dr.Kunio Takase	Leader, JICA Team
Dr.Norimichi Toyomane	Deputy Leader, JICA Team
Mr.Masakazu Watanuki	JICA Team
Ms.Hiroko Sato	"
Mr. Yojiro Sekiguchi	"
Mr.Hiroshi Fukao	"
Mr.Masanobu Sakakura	"
Dr.Atsushi Fukushima	"
Mr.Ken Nishino	"
Mr.Manuel Knight	"
Mr.Tomoo Amano	"
Mr.Wataru Kurashima	"
Ms.Tomoko Kobayashi	"
Mr.Hiroshi Hasegawa	"
Mr.Mitsuhiro Hayashi	"

4. Minutes of Discussion

MINUTES OF DISCUSSION
OF THE FIRST WORKSHOP
ON
THE STUDY ON THE INTEGRATED REGIONAL DEVELOPMENT PLAN
FOR THE SOUTHERN PART OF SUMATERA

The JICA Team for the Study on the Integrated Regional Development Plan for the Southern Part of Sumatera (the Study) prepared the Inception Report (the Report) and submitted it to the Directorate General of Human Settlements (DGCK), the Ministry of Public Works, on 4 June 1991.

DGCK distributed copies of the Report to the Steering Committee members (BAPPENAS, Ministry of Home Affairs, and Ministry of Public Works), other ministries and agencies concerned (Ministry of Industry, Ministry of Mining and Energy, Ministry of Tourism, Post and Telecommunications, Ministry of Agriculture, Ministry of Communication, Ministry of Forestry, Ministry of Population and Environment, Indonesian Institute of Science, Investment Coordinating Board, Indonesian Chamber of Commerce and Industry) and BAPPEDA of the four provinces concerned. BAPPENAS subsequently convened the first Workshop, in cooperation with DGCK and JICA, on 21 June 1991 at BAPPENAS in Jakarta.

During the course of discussion at the Workshop, several remarks were made by Indonesian and Japanese participants on the implementation of the Study as well as on the content of the Report. Main points are summarized as follows :

1. Professor Baba, Chairman of the JICA Advisory Committee, appreciated DGCK's effort to fulfil most of the 11 points agreed on between DGCK and the JICA Preliminary Study Team on 7 November 1990. He expressed hope that the remaining two points listed below be implemented as soon as possible to expedite the Study work :
 - i. The JICA team's office space in Jakarta; and
 - ii. Designation of contact-point personnel in respective sectoral agencies of the central and provincial governments.

2. The JICA Team proposed the following overall approach to the Study in addition to those which are already indicated in the Report :
 - i. "Local Development Initiatives" should be respected in consonant with "National Development Initiatives" based on the "National Development Trilogy";
 - ii. While the "IDEP approach" is maintained, sub-programs with appropriate and manageable package may be suggested for easier implementation;
 - iii. More attention should be given to encourage private participation with due consideration of equity ("growth-cum-equity" approach);
 - iv. "Environment and Development" are not trade-offs, but are compatible and mutually supportive.
 - v. Closer cooperation among the JICA Team, the Counterpart Team and the contact-point personnel from local government and sectoral agencies is essential both in the central government and in the four provinces;
 - vi. The Study should be of international standard and exchange of information (including the Study report) with donors should be encouraged.

3. BAPPEDA Chairman of the four provinces unanimously expressed welcome and strong support of the Study. They suggested that their provinces' development strategy should be taken by the JICA Team as a basic input to the Study. They also expressed their eagerness to have stronger involvement of provincial staff in the course of the Study. The JICA Team appreciated this willingness and whenever relevant will invite their participation.

4. Most participants agreed that the Study should also consider the following aspects in formulating the development strategy for the southern part of Sumatera :
 - i. Sumatera as a whole and its linkage to Java and other parts of Indonesia;
 - ii. Global economic conditions;
 - iii. Rapidly changing land use pattern particularly in Lampung;
 - iv. Existing and latent development constraints;

- v. The role and utilization of local experts and universities; and
- vi. To take into consideration (as inputs) the sectoral departments' plans which locates in the region under study.

5. The Indonesian participants pointed out the particular importance of the following aspects in formulating the regional development plan :
- i. Agro-industry to provide employment opportunities especially to rural labor force;
 - ii. Roles of traditional social institutions in the development of local economies;
 - iii. Human resources development, particularly education, as a precondition for the long-term development of the Region.

The JICA Team agreed with this.

6. The Indonesian participants suggested that the past and on-going studies and plans should be fully utilized in the Study. They also expected that the Study outcome should be able to provide inputs to the 2nd Long-Term National Development Plan and be compatible with and facilitate the preparation of the Provincial Spatial Structural Development Plan (RSTRP), by explicitly formulating development strategy for such components as (a) urban system, (b) transportation system and (c) priority areas.

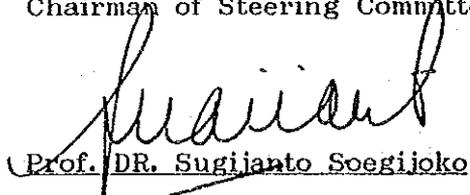
The JICA Team also agreed with this.

7. Based on analysis completed, the JICA Team will provide inputs to the provincial governments for the mid-term review of their respective Provincial Repelita V.
8. As much as possible, the JICA Team will provide inputs and suggestions for the preparation of the upcoming annual development projects of the provinces under study.

9. In order to increase private participation, the Indonesian participants suggested that the JICA Team should have close consultation with KADINDA (Provincial Chamber of Commerce and Industry) as well as KADIN (Indonesian Chamber of Commerce and Industry).
10. The Workshop agreed on holding the second Workshop, tentatively, on 22 August 1991 in Jakarta. The draft Progress Report I will be distributed to all participants in advance of the Workshop.

Jakarta, 21 June 1991

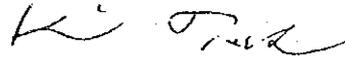
Chairman of Steering Committee,



Prof. DR. Sugijanto Soegijoko

Deputy Chairman
for Regional Development
BAPPENAS

Team Leader,



DR. Kunio Takase

JICA Study Team
for the Integrated Regional Development
Plan for the Southern Part of Sumatera.

7.2 SUMMARY PROCEEDINGS OF THE SECOND WORKSHOP

1. Invitation Letter



**DEPARTEMEN PEKERJAAN UMUM
DIREKTORAT JENDERAL CIPTA KARYA**

Jl. R. Patah I No. 1 Tlp. 717240-7397727-7397767-7397789 Telex : 47330 DJCK. IA P.O. Box No. 413 KBY, Jakarta 12110

Nomor : UM. 02 05-Dc/1091' Jakarta, 10-Agustus-1991
Lampiran :

Kepada Yth:
(Daftar Terlampir)
di
Jakarta.

Perihal : Pembahasan Laporan Kemajuan I Studi Perencanaan
Pengembangan Wilayah Terpadu di Sumatera Bagian
Selatan (LTA-129)

Studi Perencanaan Pengembangan Terpadu di Sumatera Bagian Selatan (LTA-129) yang merupakan kegiatan kerjasama Pemerintah Indonesia dengan Pemerintah Jepang (JICA) saat ini telah menyelesaikan Laporan Kemajuan I

Sehubungan dengan hal tersebut diatas dengan hormat kami mohon kehadiran saudara untuk mengikuti pembahasan Laporan Kemajuan I yang akan diselenggarakan pada :

Hari : Jum'at
Tanggal : 23 Agustus 1991
Jam : 09.00 -s/d Selesai

Tempat : Ruang Rapat A dan B Bappenas
Jl. Taman Surapati no 2 A
Jakarta.

Acara : Terlampir

Masukan dan saran saudara sangat diharapkan bagi penyempurnaan hasil maupun penyiapan langkah berikutnya. Diharapkan juga agar masukan dan saran dapat dibuatkan secara tertulis.

Terlampir disampaikan daftar acara pembahasan dan Konsep Laporan Kemajuan I

Atas perhatian saudara diucapkan terima kasih.

DIREKTUR JENDERAL CIPTA KARYA
Selaku Wakil Ketua Tim Pengarah
Proyek Studi Perencanaan Pengembangan Wilayah
Terpadu di Sumatera Bagian Selatan (LTA-129)



R. A. CH M A D I. B. S
NIP. 110008693

2. Agenda

Date :	23 August 1991 (Friday)	
Place :	Meeting Room A and B, BAPPENAS	
9:00 - 9:30	Opening Remark	Director, DTKTD
9:30 - 10:30	Presentation - based on the Progress Team Report I	JICA Team/DGCK
10:30 - 12:00	Discussion	

3. Participants

Indonesia (47)

Mr. Rachmadi BS	Director General of Human Settlements, Ministry of Public Works
Mr. Hendropranoto Suselo	Assistant to Minister, Ministry of Public Works
Mr. Haedar Ali	Director of City and Regional Planning, Ministry of Public Works
Mr. Renyansih	Ministry of Public Works
Mr. N. Kusumaatmadja	Ministry of Public Works
Mr. Banul Edison	Ministry of Public Works
Mr. Mustawan	Ministry of Public Works
Mr. Kris Sobian	Ministry of Public Works
Dr. Manuwoto	Head, Bureau of Region I, BAPPENAS
Mr. Adhi Putra	Bureau IV, BAPPENAS
Mr. Oktorialdi	Bureau of Region I, BAPPENAS
Mr. Rosianur Anwar	Bureau of Planning, Ministry of Industry
Ms. Widartanti	Ministry of Industry
Ms. Yohana Musu	Ministry of Industry
Ms. Suharty	Ministry of Agriculture
Mr. Putu B. Arsana	Ministry of Agriculture
Mr. Hardi Daryanto	Ministry of Forestry
Mr. Eko Wardojo	Ministry of Forestry
Mr. Kasman Hutabarat	Ministry of Mining and Energy
Mr. Lunuk Sumiarso	Ministry of Mining and Energy
Mr. Heru Wahyudi	Ministry of Mining and Energy
Mr. Baksi Sitepu	Ministry of Communication
Mr. Haryadi S.	Ministry of Communication
Mr. Yulvi Arwin	Ministry of Communication
Ms. Koesmarihati S.	Ministry of Tourism, Post and Telecommunication
Mr. Siarifuddin A.	Ministry of Tourism, Post and Telecommunication
Mr. Sambudjo	Ministry of Tourism, Post and Telecommunication
Mr. Risaldi Kasri	National Investment Coordination Board (BKPM)
Mr. Bambang S.	Ministry of Population and Environment
Mr. Arie DJ. Djoekardi	Ministry of Population and Environment

Mr. Suryo Sediono	Indonesian Chamber of Commerce and Industry (KADIN)
Mr. Laurence A. Manullang	Indonesian Chamber of Commerce and Industry (KADIN)
Mr. M.T. Gultom	Indonesian Chamber of Commerce and Industry (KADIN)
Mr. Adit Karim	Indonesian Chamber of Commerce and Industry (KADIN)
Mr. Maurits	PUW, Ministry of Public Works
Mr. Agus Muharram	PUW, Ministry of Public Works
Mr. Husni Taufik	PUW, Ministry of Public Works
Mr. Hamzah	PUW, Ministry of Public Works
Mr. Budi S.	PUW, Ministry of Public Works
Mr. Satnadi	PUW, Ministry of Public Works
Mr. Melanthon S.	PUW, Ministry of Public Works
Mr. H. Siagian	BAPPEDA Jambi
Mr. H.T. Simanjuntak	Chairman, BAPPEDA South Sumatra
Mr. Mahfudz Rahmi	BAPPEDA South Sumatra
Mr. Muchsin A.S	BAPPEDA South Sumatra
Ms. Siti Nurbaya Rusli	BAPPEDA Lampung
Mr. Agus Sudjito	BAPPEDA Lampung

Japan (18)

Mr. Masaru TAKIMOTO	JICA Expert, DGCK
Dr. Kunio TAKASE	JICA Team Leader
Dr. Norimichi TOYOMANE	JICA Deputy Team Leader
Mr. Masakazu WATANUKI	JICA Team
Ms. Hiroko SATO	JICA Team
Mr. Yojiro SEKIGUCHI	JICA Team
Mr. Hiroshi FUKAO	JICA Team
Mr. Masanobu SAKAKURA	JICA Team
Dr. Atsushi FUKUSHIMA	JICA Team
Mr. Jun TANIMIZU	JICA Team
Mr. Ken NISHINO	JICA Team
Mr. Manuel KNIGHT	JICA Team
Ms. Tomoo AMANO	JICA Team
Mr. Wataru KURASHIMA	JICA Team
Ms. Tomoko KOBAYASHI	JICA Team
Mr. Hiroshi HASEGAWA	JICA Team
Mr. Mitsuhiro HAYASHI	JICA Team
Ms. Susanna PRICE	JICA Team

4. Minutes of Discussion

MINUTES OF DISCUSSION
OF THE SECOND WORKSHOP
ON
THE STUDY ON THE INTEGRATED REGIONAL DEVELOPMENT PLAN
FOR THE SOUTHERN PART OF SUMATRA

The JICA Team for the Study on the Integrated Regional Development Plan for the Southern Part of Sumatra (the Study) prepared draft Progress Report I (the Report) and submitted it to the Directorate General of Human Settlements (DGCK), the Ministry of Public Works, on 12 August 1991.

DGCK distributed copies of the Report to the Steering Committee members (BAPPENAS, Ministry of Home Affairs and Ministry of Public Works), other ministries and agencies concerned (Ministry of Industry, Ministry of Mining and Energy, Ministry of Tourism, Post and Telecommunications, Ministry of Agriculture, Ministry of Communication, Ministry of Forestry, Ministry of Population and Environment, Investment Coordinating Board, Indonesian Chamber of Commerce and Industry) and BAPPEDA of the four provinces concerned. DGCK subsequently convened the second Workshop, in cooperation with BAPPENAS and JICA, on 23 August 1991 at BAPPENAS in Jakarta.

During the course of discussion at the Workshop, several remarks were made by Indonesian and Japanese participants and JICA Team members on the implementation of the Study as well as on the content of the Report. Main points are summarized as follows :

1. The Workshop confirmed that most items included in the Minutes of Discussion of the First Workshop were duly carried out by both sides.
2. The Steering Committee at the Workshop formally requested the ministries and agencies concerned to designate a contact person in order to facilitate the systematic implementation of the

Study. DGCK provided a list of prospective contact persons, whom DGCK had informally requested to act as a contact person, and with whom the JICA Team already had intensive discussions.

3. To strengthen the involvement of sectoral ministries and agencies concerned in the study process, Indonesian participants suggested that a sectoral workshop separate from the national workshop should be held in each ministry/agency concerned. The JICA Team agreed, in principle, with this suggestion.
4. Indonesian participants suggested that the JICA Team should prepare a separate report before the Final Report on the appropriate institutional and administrative setup to further implement the projects identified in the Study. The JICA Team agreed to consider this possibility, subject to positive cooperation from the Indonesian side.
5. In order to avoid duplication and to coordinate efforts among donors, it was recognized desirable to send a copy of the Report (after finalization) to at least major donor agencies, such as the World Bank, ADB, OECF and UNDP, and to exchange views from time to time on the substance of the Report.
6. Indonesian participants provided a number of written comments on the Report. The JICA Team would utilize the comments appropriately to finalize the Report.
7. Responding to the JICA Team's request, Indonesian participants suggested several viewpoints to be considered in strategy formulation in stages 3 and 4 :
 - (i) During the coming 20 years, Sumatra and Java must greatly contribute to the national development by utilizing their resources optimally and channeling the benefit into the eastern part of Indonesia.

- (ii) One could view not only Lampung and Jakarta, but also Sumatra and Java will form an integrated economy as one island. Strong linkage and influence between the Region and Java, Northern Sumatra as well as the "growth triangle", south-east and east Asia including Japan should underlie the strategy, based on market economy and with more incentives given to private sectors.
- (iii) Within the Region, the east-west perspective should be properly addressed in the strategy.
- (iv) Human resources development is a key instrument of any long-term development programs particularly to encourage entrepreneurship.
- (v) An integrated view of the Region is highly needed to develop its natural and human resources as well as to tackle interprovincial problems such as conservation of Bukit Barisan.

8. Indonesian participants pointed out that in the Report, the provinces and the sectors were dealt with rather separately even though their integration into one planning framework was the ultimate goal. The JICA Team responded that it was so because the stage 2 was mainly fact-finding, but agreed to pursue the integration in the coming stages.
9. The JICA Team disclosed that social-cultural issues be studied in contract with a university in each province from November 1991 to May 1992, the result of which may be used for the IDEP formulation in stage 5.
10. The JICA Team indicated that Progress Report II, containing the tentative macroeconomic and spatial framework, will be circulated to participants in December 1991 for their information.

11. The Workshop agreed on holding the third Workshop, tentatively, on 27 January 1992 in Jakarta. The draft Interim Report will be distributed to all participants in advance of the Workshop.

Jakarta, 23 August 1991

Vice Chairman of Steering Committee

Team Leader



Rachmadi B. S.



Dr. Kunio Takase

Director General
of Human Settlements
Ministry of Public Works

JICA Study Team
for the Integrated Regional
Development Plan for the
Southern Part of Sumatra

7.3 SUMMARY PROCEEDINGS OF THE THIRD WORKSHOP

I. Invitation Letter



REPUBLIK INDONESIA
BADAN PERENCANAAN PEMBANGUNAN NASIONAL
JALAN TAMAN SUROPATI 2, JAKARTA 10310
TELEPON : 336207

No. : 288 /D.V/1/1992
Lamp. : 3 (tiga) helai
Hal : Pembahasan Laporan Interim
LTA-129

Jakarta, 22 Januari 1992

Kepada Yth.
(daftar terlampir)

Studi Perencanaan Pengembangan Wilayah Terpadu di Sumatera Bagian Selatan (LTA-129) yang merupakan kegiatan kerjasama Pemerintah Indonesia dengan Pemerintah Jepang (JICA) saat ini telah menyelesaikan Laporan Interim. Laporan ini memuat konsepsi dan arah pengembangan wilayah Sumatera Bagian Selatan.

Sehubungan dengan hal tersebut di atas, dengan hormat kami mohon kehadiran Saudara untuk mengikuti Pembahasan Laporan Interim yang akan diselenggarakan pada :

Hari : Senin
Tanggal : 27 Januari 1992
Waktu : Pukul 09.00
Tempat : Ball Room Hotel Sahid Jaya
Jalan Jenderal Sudirman
Jakarta
Pimpinan : Kepala Biro Regional I - Bappenas

Masukan dan saran Saudara sangat diharapkan bagi penyempurnaan hasil maupun penyiapan langkah berikutnya.

Diharapkan pula agar masukan dan saran dapat dibuatkan secara tertulis.

Terlampir disampaikan daftar acara pembahasan.

Atas perhatian dan kerjasamanya, kami ucapkan terima kasih.

Deputi Bidang Regional dan Daerah Bappenas
Selaku Ketua Tim Pengarah Studi Perencanaan
Pengembangan Wilayah Terpadu di Sumatera
Bagian Selatan (LTA-129)



Sudi Janto Soegijoko

DAFTAR UNDANGAN

BAPPENAS

1. Asisten Menteri Negara PPN Bidang Prasarana
2. Deputi Bidang Ekonomi
3. Deputi Bidang Regional dan Daerah
4. Kepala Biro Pertanian dan Pengairan
5. Kepala Biro Perhubungan dan Pariwisata
6. Kepala Biro Perdagangan dan Industri
7. Kepala Biro Kerjasama Ekonomi Luar Negeri
8. Kepala Biro Regional I
9. Kepala Biro Sosial Ekonomi dan Tata Ruang
10. Kepala Biro Bantuan Pembangunan Daerah

DEPARTEMEN DALAM NEGERI

11. Direktur Jenderal Pembangunan Daerah
12. Direktur Bina Program, Ditjen. Bangda
13. Direktur Pembinaan Pengembangan Wilayah, Ditjen. Bangda
14. Direktur Pengembangan Desa, Ditjen. Bangdes

DEPARTEMEN PEKERJAAN UMUM

15. Staf Ahli Menteri Bidang Pengembangan Tata Keterpaduan Kawasan dan Planologi Kota
16. Direktur Jenderal Cipta Karya
17. Kepala Biro Perencanaan
18. Direktur Tata Kota dan Tata Daerah, Dirjen. Cipta Karya
19. Direktur Bina Program Pengairan, Ditjen. Pengairan
20. Direktur Bina Program Jalan, Ditjen. Bina Marga
21. Direktur Bina Program Cipta Karya, Ditjen. Cipta Karya
22. Kasubdit. PUW DTKTD
23. Kasubdit. Tata Daerah DTKTD
24. Kasubdit. Perencanaan Kota I DTKTD
25. Kasubdit. Perencanaan Kota II DTKTD
26. Kasubdit. Turbin DTKTD
27. Pemimpin Proyek Penataan Ruang Wilayah Nasional dan Daerah

DEPARTEMEN PERHUBUNGAN

28. Kepala Biro Perencanaan
29. Kepala Bagian Perencanaan Ditjen. Perhubungan Darat
30. Kepala Bagian Perencanaan Ditjen. Perhubungan Laut
31. Kepala Bagian Perencanaan Ditjen. Perhubungan Udara.

DEPARTEMEN PERINDUSTRIAN

32. Kepala Biro Perencanaan
33. Direktur Bina Program, Ditjen. Aneka Industri
34. Direktur Bina Program, Ditjen. Industri Kimia Dasar
35. Direktur Bina Program, Ditjen. Industri Kecil
36. Direktur Bina Program, Ditjen. Industri Mesin, Logam Dasar dan Elektronika

DEPARTEMEN PERTAMBANGAN DAN ENERGI

37. Kepala Biro Perencanaan
38. Direktur Pembinaan Program Kelistrikan, Ditjen Listrik dan Energi Baru
39. Direktur Geologi Tata Lingkungan, Ditjen. Geologi dan Sumber Daya Mineral

DEPARTEMEN PARIWISATA POS DAN TELEKOMUNIKASI

40. Kepala Biro Perencanaan

DEPARTEMEN PERTANIAN

41. Kepala Biro Perencanaan
42. Direktur Bina Program, Ditjen Peternakan
43. Direktur Bina Program, Ditjen. Perkebunan
44. Kepala Bagian Perencanaan, Ditjen Perikanan

DEPARTEMEN KEHUTANAN

45. Kepala Biro Perencanaan
46. Sekretaris Ditjen Reboisasi dan Rehabilitasi Lahan
47. Direktur Rencana Pengusahaan Hutan, Ditjen. Pengusahaan Hutan
48. Sekretaris Ditjen Perlindungan Hutan dan Pelestarian Alam

KEPENDUDUKAN DAN LINGKUNGAN HIDUP

49. Asisten II Bidang Sumber Alam

BADAN KOORDINASI PENANAMAN MODAL (BKPM)

50. Deputi Bidang Perencanaan dan Promosi
51. Kepala Biro Perencanaan Investasi Non Industri

KAMAR DAGANG DAN INDUSTRI

52. Ketua Kamar Dagang dan Industri

KEPALA DINAS PEKERJAAN UMUM

53. Kepala Dinas PU Propinsi Sumatera Selatan
54. Kepala Dinas PU Propinsi Jambi
55. Kepala Dinas PU Propinsi Bengkulu
56. Kepala Dinas PU Propinsi Lampung

BAPPEDA

57. Ketua Bappeda Propinsi Sumatera Selatan
58. Ketua Bappeda Propinsi Jambi
59. Ketua Bappeda Propinsi Bengkulu
60. Ketua Bappeda Propinsi Lampung

61. OECF Jakarta Office, Mr. Shunto Kageyama, Chief Representative
62. UNDP Jakarta Office, Ms. Akiko Yuge, Deputy Representative
63. Team JICA
64. Perwakilan JICA Indonesia
65. Mr. Takimoto, JICA Expert
66. Japanese Embassy, Mr. Yutaka Ishikawa
67. Mr. Ali Sabeti, Chief of Operations The World Bank
68. Mr. Eiji Kobayashi, Chief Indonesia Resident Office, ADB

2. Agenda

Date : 27 January 1992 (Monday)
Time : 9:00 - 17:00
Place : Sahid Jaya Hotel

Agenda :	9:00 - 9:35	Opening Remarks - BAPPENAS - JICA Advisory Committee
	9:35 - 9:50	Coffee Break
	9:50 - 10:10	Introductory Note and Progress Report - DGCK Team
	10:10 - 11:00	Presentation I : Overall Framework and Strategy - JICA Team
	11:00 - 12:00	Presentation II : Major Sectors' Concept, Strategy, and Project Ideas - JICA Team
	12:00 - 12:40	Discussion
	12:40 - 13:30	Lunch
	13:30 - 15:10	Discussion
	15:10 - 15:30	Presentation III : IDEP Site Proposal - JICA Team
	15:30 - 16:40	Discussion
	16:40 - 17:00	Conclusion

3. Participants

Indonesia (49)

Manuwoto	Head, Bureau of Region I, BAPPENAS
Hariri Hady	Assistant to Minister, BAPPENAS
Putu Riasa	Bureau of Region I, BAPPENAS
Anwar Wardha	BAPPENAS
Herry Darwanto	BAPPENAS
M. Heri Santoso	BAPPENAS
Rusdy J. O.	Bangda, Ministry of Home Affairs
SK Mangiri	Bangda, Ministry of Home Affairs
Eddy Anwar	Bangda, Ministry of Home Affairs
Didi Rasidi	Bina Marga, Ministry of Public Works
Risyanu	Bina Program, Cipta Karya Ministry of Public Works
Azis Budiman	Bina Program, Ministry of Public Works
Harjono Soediarso	DTKTD, Ministry of Public Works
Satnadi	DTKTD, Ministry of Public Works
Herry A.	DTKTD, Ministry of Public Works
Nugraha Sudjan	DTKTD, Ministry of Public Works
Sjarifuddin	DTKTD, Ministry of Public Works
Warihsunu	DTKTD, Ministry of Public Works
Roslan Zaris	Head, PUW, Ministry of Public Works
Maurits Pasaribu	PUW, Ministry of Public Works
Agus Muharram	PUW, Ministry of Public Works
Husni Taufik	PUW, Ministry of Public Works
Hamzah	PUW, Ministry of Public Works
Budi Situmorang	PUW, Ministry of Public Works
Melanthon S.	PUW, Ministry of Public Works
Gayarri K. Rana	Ministry of Communication

Yohana Musu
Krisno W.

Hariyati D.
Maradoli
Nogoseno
Sentot Subagyo
Widarya N.
Gusozar
Risaldi Kasri

Adang Z.

Suryo Sediono

Sudajah

Bob Widyakarta

Adi Utomo
Iskandar M.
Yusril Zubir
H. Siagian
Muchsini
Roeskan Oesman
Siti Nurbaya
Agus S.
Rosianur Anwar
Suharto

Ministry of Industry
Ministry of Tourism, Post and
Telecommunication
Ministry of Agriculture
Ministry of Agriculture
Ministry of Forestry
Ministry of Forestry
Ministry of Forestry
Ministry of Forestry
National Investment Coordination Board
(BKPM)
National Investment Coordination Board
(BKPM)
Indonesian Chamber of Commerce and
Industry (KADIN)
Indonesian Chamber of Commerce and
Industry (KADIN)
Indonesian Chamber of Commerce and
Industry (KADIN)
Dinas PU, Jambi
Dinas PU, South Sumatra
Dinas PU, Bengkulu
BAPPEDA, Jambi
BAPPEDA, South Sumatra
BAPPEDA, Bengkulu
BAPPEDA, Lampung
BAPPEDA, Lampung

Japan (12)

Koichi BABA
Teruaki OSHIMA
Kazuo KURIHARA
Saiichi OI
Masaru TAKIMOTO
Kunio TAKASE
Norimichi TOYOMANE
Masakazu WATANUKI
Hiroko SATO
Masanobu SAKAKURA
Ken NISHINO
Manuel KNIGHT

Chairman, JICA Advisory Committee
JICA Advisory Committee
JICA Advisory Committee
JICA Expert, Ministry of Transmigration
JICA Expert, DGCK
JICA Team Leader
JICA Deputy Team Leader
JICA Team
JICA Team
JICA Team
JICA Team
JICA Team

Donor Agencies (3)

Akiko NAITO - YUGE
Kazuto TSUJI
Wiranto S.

Deputy Resident Representative, UNDP
Senior Representative, OECF
World Bank

4. Minutes of Discussion

MINUTES OF DISCUSSION OF THE THIRD WORKSHOP ON THE STUDY ON THE INTEGRATED REGIONAL DEVELOPMENT PLAN FOR THE SOUTHERN PART OF SUMATRA

The JICA Team for the Study on the Integrated Regional Development Plan for the Southern Part of Sumatra (the Study) prepared Progress Report II and submitted it to the Directorate General of Human Settlements (DGCK), the Ministry of Public Works, on 11 December 1991. No Workshop, however, was held to discuss this Progress Report II.

Subsequently, the JICA Team prepared the draft Interim Report (the Report) containing the revised contents of Progress Report II and submitted it to DGCK on 14 January 1992.

DGCK distributed copies of the Report to the Steering Committee members (BAPPENAS, Ministry of Home Affairs and Ministry of Public Works), other ministries and agencies concerned (Ministry of Industry, Ministry of Mining and Energy, Ministry of Tourism, Post and Telecommunications, Ministry of Agriculture, Ministry of Communications, Ministry of Forestry, Ministry of Population and Environment, Indonesian Institute of Science, Investment Coordinating Board, Indonesian Chambers of Commerce and Industry), BAPPEDA of the four provinces concerned and four major donor agencies (the World Bank, Asian Development Bank, OECF and UNDP).

DGCK subsequently convened the Third Workshop, in cooperation with BAPPENAS and JICA, on 27 January 1992 at Hotel Sahid Jaya in Jakarta.

During the course of discussion at the Workshop, several remarks were made by Indonesian and Japanese participants and JICA Team members on the implementation of the Study as well

as on the content of the Report. Main points are summarized as follows :

1. Prof. Baba, Chairman of the JICA Advisory Committee, highly appreciated the good progress made accordingly to the schedule, but recognized some aspects which could not be achieved satisfactorily due partly to the limited budget. He desired that the following points need to be improved in forthcoming Stages 5 and 6 in order to achieve the best results of the Study :
 - (i) intensifying counterpart staff's participation in the field;
 - (ii) distributing the reports as soon and timely as possible to the agencies concerned to facilitate the Study's implementation; and
 - (iii) improving the working conditions of the JICA Team's office.

2. The JICA Team emphasized that the macroeconomic and spatial framework had been drawn based not only on broader economic linkages with Java, Northern Sumatra, Riau - Singapore - Johor growth triangle and other countries, as requested at the Second Workshop, but also on recent drastic changes at the global political situations.

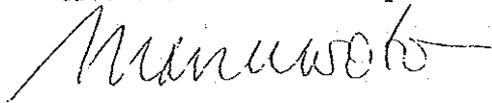
3. The Workshop generally endorsed the following points as proposed in the Report, subject to appropriate modifications based on the comments summarized in the paras which will follow this para :
 - (i) "Macro" structure of the plan - roles, goals, objectives, targets, future direction, strategies, frameworks and the development concepts;
 - (ii) Selection of the IDEP sites;
 - (iii) Major sectors' development concept and strategies;
 - (iv) General idea of the project long lists; and

- (v) Discussions on sustainable development (7.1 and 7.2), Some Remarks on Financing Regional Development (7.4.2), and Strengthening Regional Finance (7.4.3).
4. Regarding the IDEP site selection, Indonesian participants requested to explain more clearly the criteria used for the assessment of kabupaten priority. The JICA Team agreed to do so.
 5. Related to Objective 4 and environmental concern, Indonesian participants suggested that the JICA Team should refer to Kepres (President's Decree) no. 32 on land protection and that IDEP/ project formulation should be done cautiously in upstream areas not to disturb the watershed environment. The JICA Team agreed.
 6. Regarding transportation development, Indonesian participants urged not to neglect the importance of the east-west transportation in the Region and to provide a concrete proposal on the deepwater port in cooperation with the Ministry of Communications. The JICA Team agreed on the first point and indicated their intension to propose an objective study on the seaport location after closer coordination with several on-going studies assisted by other donors and based on realistic assumptions on agricultural, mining and industrial production, population distribution and marketing aspects in and outside the Region. In the meantime, the JICA Team will also suggest the improvement of existing ports.
 7. Indonesian participants requested to deal more with human resources development, in the industrial sector and in the local governments, particularly. It was generally agreed that in order to realize this it was important to utilize the result of the existing research and development (R&D) institutions in Java and to promote more specific, need-oriented vocational training.

8. Indonesian participants requested to integrate more explicitly the results of the Northern Sumatra Study, which was completed in 1990, and those of the Southern Sumatra Study.
9. One particular concern expressed at the Workshop was with the implementation of IDEPs. Some Indonesian participants raised questions of how to finance the IDEPs, how to strengthen the capability of the local governments involved and how to proceed toward the implementation of the IDEPs. The JICA Team as well as the Steering Committee in response recognized those questions and stressed that it would be the Government's responsibility through regular channel to promote the IDEPs and individual programs/projects for implementation.
10. It was also noted that several IDEPs which had been selected in the Northern Sumatra Study were already under implementation. It was agreed that in the Study further improvements would be devised breaking the IDEP into smaller sub-programs to facilitate donors' consideration.
11. The Workshop advised the JICA Team to start Stage 5 of the Study around 20 June 1992 to avoid the busiest period of the Indonesian General Election scheduled on 9 June 1992.

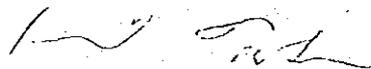
Jakarta, 27 January 1992

Chairman
of the Third Workshop



Dr. Manuwoto
Head of Bureau Regional I
BAPPENAS

Team Leader



Dr. Kunio Takase
JICA Study Team
for the Integrated Regional
Development Plan for the
Southern Part of Sumatra

7.4 SUMMARY PROCEEDINGS OF THE FORTH WORKSHOP

1. Invitation Letter



REPUBLIC OF INDONESIA
NATIONAL DEVELOPMENT PLANNING AGENCY
JAKARTA, INDONESIA

No. : 3616 /D.V/8/1992

24 Agustus 1992

Kepada Yth.

(Lihat daftar terlampir)

Perihal : Sidang Pembahasan (Workshop) Laporan Kemajuan III
"Studi Perencanaan Pengembangan Wilayah Terpadu di
Sumatera Bagian Selatan LTA-129".

Studi Perencanaan Pengembangan Wilayah Terpadu di Sumatera Bagian Selatan (LTA-129), yang merupakan kegiatan kerjasama Pemerintah Indonesia dengan Pemerintah Jepang (JICA), saat ini telah menyelesaikan Laporan Kemajuan III. Laporan ini memuat antara lain mengenai perumusan 'Integrated Development Programs (IDEPs)' dan studi pendahuluannya serta usulan identifikasi proyek-proyek dengan prioritas tinggi di Sumatera Bagian Selatan.

Sehubungan dengan hal tersebut, dengan ini kami mohon kehadiran Saudara untuk mengikuti Sidang Pembahasan ('Workshop') Laporan Kemajuan III yang akan diselenggarakan pada:

Hari : Senin
Tanggal : 7 September 1992
Waktu : Pukul 09.00
Tempat : Ruang ABCD, Gedung Bappenas Lantai 2
Jalan Taman Suropati No. 2A
Jakarta 10310
Pimpinan : Deputi Bidang Regional dan Daerah

Masukan dan saran Saudara, bila memungkinkan disiapkan secara tertulis, sangat diharapkan bagi penyempurnaan hasil studi maupun penyiapan langkah berikutnya.

Terlampir disampaikan daftar acara pembahasan.

Atas perhatian dan kerjasama yang baik, kami ucapkan terima kasih.

Deputi Ketua Bappenas Bidang Regional dan Daerah
Selaku Ketua Tim Pengarah Studi Perencanaan
Pengembangan Wilayah Terpadu di Sumatera
Bagian Selatan (LTA-129)

Sugijanto Soegijoko

2. Agenda

Date:	7 September 1992 (Monday)
Place:	Meeting Room ABCD, BAPPENAS
9:30 - 9.45	Opening Remarks Chairman, Steering Committee Chairman, Advisory Committee
9:45 - 10:00	Progress Report Director, DTKTD
10:00 - 11:20	Presentation I: IDEPs JICA Team
11:20 - 13:00	Discussion I
13:00 - 14:00	Lunch
14:00 - 16:00	Presentation II: Prefeasibility Studies JICA Team
16:00 - 17:15	Discussion II
17:15 - 17:30	Conclusion

3. Participatns

Indonesia (90)

Sugijanto Soegijoko	Deputy V, BAPPENAS
Manuwoto	Head, Bureau of Region I, BAPPENAS
Adhi Putra	Bureau IV, BAPPENAS
Sarwohadi	Staf Dep V BAPPENAS
Deddy Supriady	Biro KSPR BAPPENAS
Heri S	BAPPENAS
Pohan Max	BAPPENAS
Herry Darwanto	BAPPENAS
Muljadi Widodo	Ministry of Home Affairs
Dodo Perdata	Ministry of Home Affairs
Johan Susion	Ministry of Home Affairs
Joko	Ministry of Home Affairs
B. Widodo	Ministry of Home Affairs
Eddy F	Ministry of Home Affairs
Hendropranoto Susilo	Assistant to Minister, Ministry of Public Works
Nelson Siregar	PUW, Ministry of Public Works
Feryanto Djais	PUW, Ministry of Public Works
Amwazi	PUW, Ministry of Public Works
Agus Muharram	PUW, Ministry of Public Works
Rido M Ichwan	Bureau of Planning, Ministry of Public Works
Melanthon S	PUW, Ministry of Public Works
Maman Djumantri	PUW, Ministry of Public Works
M. Tabimot	PUW, Ministry of Public Works
Azwir Maladin	The Planning of Regional, Ministry of Public Works
Sri Utami	Directorate General of High Way, Ministry of Public Works
Didi Ranidi	Directorate General of High Way, Ministry of Public Works
Chairul Kalam	Directorate General of High Way, Ministry of Public Works
Ismanto	Ministry of Public Works
D. Nuranto	Ministry of Public Works
Harjono Soediarso	Ministry of Public Works
Ibrahim MS	Ministry of Public Works
M. Yusuf	Ministry of Public Works
Husni Taufik	Ministry of Public Works
Hamzah	Ministry of Public Works

Firman M H	Ministry of Public Works
Yunianto S	Ministry of Public Works
Totok. PR. I	Ministry of Public Works
Albert Samboh	Ministry of Communication
T. Sibarani	Directorate General of Ministry Communication
Djoko Sasono	Bureau of Planning, Ministry of Communication
Rosianur Anwar	Bureau of Planning, Ministry of Industry
Niscwan .Z	Ministry of Industry
Eko Wandojo	Ministry of Industry
Yohana Musu	Ministry of Industry
H. Mangundjaya	Directorate of General IMLDE, Ministry of Industry
Santosa Sastrodihardjo	Directorate General of Aneka Industry, Ministry of Industry
Nadia	Industry
Sukiman Kamal	Aneka Industri DEPPERINA, Ministry of Industry
Santono	Ministry of Mining and Energy
Togar Napitupulu	Ministry of Mining and Energy
A. Hanif	Ministry of Mining and Energy
Sumarna Harmidi	Directorate General of Vulcanology, Ministry of Mining and Technology
M. Wahib	Directorate General of Geology Bandung, Ministry of Mining and Technology
Much. H. Panggabean	Directorate General of MIGAS DPE, Ministry of Mining and Technology
Taufik Hasan	Ministry of Tourism, Post and Telecommunication
Koesmanhati S	Ministry of Tourism, Post and Telecommunication
St. Mardisanjah	Ministry of Tourism, Post and Telecommunication
Maradoli Hutasuhut	Directorate General of Live Stock, Ministry of Agriculture
Didy. W	Ministry of Forestry
H. Marwoto	Ministry of Forestry
Sant Hutagalung	Ministry of Fishery
Sentot.S	Directorate General of RRL, Ministry of Forestry
Djumilan	Directorate General of PHPA
Ruchyat. K	Directorate General of Water Resource
Soediono Basuki	National Investment Coordination Board (BKPM)
E.S. Heriranlam	National Investment Coordination Board (BKPM)
Karsono S	Directorate General of Tax, Ministry of Finance
Suryo Soediono	Indonesian Chamber of Commerce and Industry (KADIN)
Adi Utomo	Public Works Regional Office of Jambi
Aminah	Public Works Regional Office of Bengkulu
Ibrahim B.S	Public Works Regional Office of Lampung
H. Siagian	BAPPEDA Jambi
MH.T. Simanjuntak	Chairman, BAPPEDA South Sumatra
H.T Sujantoh	BAPPEDA South Sumatra
Muchsın A S	BAPPEDA South Sumatra
Jahmin	BAPPEDA South Sumatra
Jopie. J	BAPPEDA South Sumatra
Johannes H T	BAPPEDA South Sumatra
Imron Rosadi	BAPPEDA Bengkulu
Siti Nurbaya Rusli	BAPPEDA Lampung
Dasril	BAPPEDA Lampung
Azwani	The Central of Stage and Electricity Company
S. Aritonang	The Central of Stage and Electricity Company
Endro Supriyanto	The Central of Stage and Electricity Company
Ahmad Hamid	LIPI
Widjojo Adi	LIPI

Hadi Nursarya
Risfan Munir
Harry Djauhari
Sujanto

PPTM - DPE
Indocement
TPK II
Vol

Japan (20)

Koichi BABA
Norimichi TOYOMANE
Masakazu WATANUKI
Hiroko SATO
Yojiro SEKIGUCHI
Hiroshi FUKAO
Masanobu SAKAKURA
Atsushi FUKUSHIMA
Jun TANIMIZU
Ken NISHINO
Manuel KNIGHT
Tomoo AMANO
Wataru KURASHIMA
Tomoko KOBAYASHI
Hiroshi HASEGAWA
Mitsuhiro HAYASHI
Susanna PRICE
Noboru TANEDA
Masaru TAKIMOTO
Hisao YURI

Chairman, JICA Advisory Committee
JICA Deputy Team Leader
JICA Team
JICA Jakarta Office
JICA Expert, DGCK, Ministry of Public Works
JICA Expert, Ministry of Home Affairs

Donor Agencies (4)

D. Hawes
Wiranto Soehendro
M.R Malhotra
Kazuto Tsuji

World Bank
World Bank - RSI
UNDP
OECD, Jakarta Office

4. Minutes of Discussion

MINUTES OF DISCUSSION
OF THE FOURTH WORKSHOP
ON
THE STUDY ON THE INTEGRATED REGIONAL DEVELOPMENT PLAN
FOR THE SOUTHERN PART OF SUMATRA

The JICA Team for the Study on the Integrated Regional Development Plan for the Southern Part of Sumatra (the Study) prepared Progress Report III (the Report) and submitted it to the Directorate General of Human Settlements (DGCK), the Ministry of Public Works, on 31 August 1992.

DGCK distributed copies of the Report to the Steering Committee members (BAPPENAS, Ministry of Home Affairs and Ministry of Public Works), other ministries and agencies concerned (Ministry of Industry, Ministry of Mining and Energy, Ministry of Tourism, Post and Telecommunications, Ministry of Agriculture, Ministry of Communications, Ministry of Forestry, Ministry of Manpower, Ministry of Transmigration, Ministry of Finance, Ministry of Population and Environment, National Electricity Company, Indonesia Institute of Science, Investment Coordinating Board, Indonesian Chambers of Commerce and Industry), BAPPEDA of the four provinces concerned and four major donor agencies (World Bank, Asian Development Bank, OECF and UNDP).

DGCK subsequently convened the Fourth Workshop, in cooperation with BAPPENAS and JICA, on 7 September 1992 at BAPPENAS in Jakarta. During the course of discussion at the Workshop, several remarks were made by Indonesian participants and JICA Team members on the implementation of the Study as well as on the content of the Report. Main points are summarized as follows :

1. Prof. Dr. Sugijanto Soegijoko, Chairman of the Steering Committee, appreciated the Southern Sumatra Study (LTA-129) as well as the Northern Sumatra Study (LTA-78), both funded by JICA. particularly because of the IDEP

approach adopted in those studies. He reported to the Workshop as a good progress that the Kuwait Funds had decided to finance the West Coast Tapanuli IDEP formulated in the Northern Sumatra Study and that Indonesian Forum would hold a conference on the development of Tapanuli in mid-September.

2. Prof. Baba, Chairman of the JICA Advisory Committee, highly appreciated the Study's good progress. He also noted that the three points listed in the minutes of the Third Workshop (item 1) had been satisfactorily achieved.
3. The Workshop generally accepted the six IDEPs, subject to appropriate modifications based on the comments given at the Workshop.
4. With regard to IDEP formulation and presentation, Indonesian participants requested the Team to :
 - i) iterate the Region's Development Strategy in each IDEP to clarify its strategic significance;
 - ii) improve on the subprograms to make them more coherent;
 - iii) present the component projects in a matrix form (11 sectors x 6 IDEPs); and
 - iv) suggest appropriate locations for the next IDEP formulation which will be done in the future by the Indonesian government.

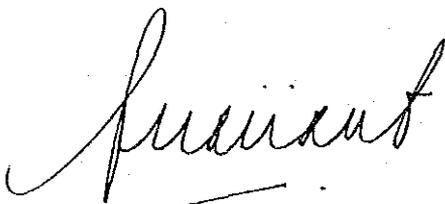
The JICA Team agreed to work on those items.

5. The Workshop basically agreed with the projects long-listed in the Report. Nonetheless, a number of comments were given to the JICA Team as inputs for report finalization and the JICA Team appreciated them.
6. The Workshop appreciated the JICA Team's efforts to conduct 22 prefeasibility studies. Indonesian participants, however, pointed out that some studies needed elaboration or clarification and requested the JICA Team to incorporate their comments. The JICA Team agreed.

7. The Workshop did not reach a consensus on the seaport construction project at Tanjung Api-Api, South Sumatra. Indonesian participants and the JICA Team agreed, however, to continue discussion on how the project would be treated in the Final Report.
8. The Workshop generally appreciated the JICA Team's proposal on the institutional arrangement for IDEP implementation. As pointed out, however, remaining questions are how to avoid possible conflict with current government regulations and how to secure funds for the proposed IDEP Management Unit. Both sides agreed to cooperate further to cope with those problems.
9. The Workshop agreed to hold the Fifth Workshop in mid-December 1992 in Jakarta.

Jakarta, 7 September 1992

Chairman
of the Steering Committee



Prof. Dr. Sugijanto Soegijoko

Deputy V, BAPPENAS

Deputy Team Leader



Dr. Norimichi Toyomane

JICA Study Team
for the Integrated Regional
Development Plan for the
Southern Part of Sumatra

7.5 SUMMARY PROCEEDINGS OF THE FIFTH WORKSHOP

1. Invitation Letter



REPUBLIK INDONESIA
BADAN PERENCANAAN PEMBANGUNAN NASIONAL
JALAN TAMAN SUROPATI 7, JAKARTA 10310
TELEPON : 336207

No. : 5388 /D.V/12/1992
Lamp. :
Hal : Undangan Sidang Pembahasan
(Workshop) Draft Laporan
Akhir Studi LTA-129

7 Desember 1992

Kepada Yth.
(Lihat Daftar Terlampir)

Studi Perencanaan Pengembangan Wilayah Terpadu di Sumatera Bagian Selatan (LTA-129), yang merupakan kegiatan kerjasama Pemerintah Indonesia dengan Pemerintah Jepang (JICA), saat ini telah menyelesaikan Draft Laporan Akhir. Laporan ini memuat antara lain mengenai hasil-hasil perumusan "Integrated Development Programs (IDEPs)" dan studi pendahulunya serta usulan proyek-proyek prioritas di Sumatera Bagian Selatan.

Sehubungan dengan hal tersebut, kami mengharapkan kedatangan Saudara pada Sidang Pembahasan (Workshop) Draft Laporan Akhir Studi Perencanaan Pengembangan Wilayah Terpadu di Sumatera Bagian Selatan (LTA-129) yang akan diadakan pada:

Hari : Kamis
Tanggal : 17 Desember 1992
Waktu : Pukul 09.00
Tempat : Ruang Rapat 204-206, Gedung Bappenas Lt. 2
Jalan Madiun No. 4-6
Jakarta Pusat
Pimpinan : Deputi Bidang Regional dan Daerah, BAPPENAS

Masukan dan saran Saudara, bila memungkinkan disiapkan secara tertulis, sangat diharapkan bagi penyempurnaan hasil studi maupun penyiapan langkah berikutnya.

Terlampir disampaikan daftar acara pembahasan.

Atas perhatian Saudara, kami ucapkan terima kasih.

Deputi Bidang Regional dan Daerah
Selaku Ketua Tim Pengarah Studi Perencanaan
Pengembangan Wilayah Terpadu
di Sumatera Bagian Selatan (LTA-129)



Janto Soegijoko

DAFTAR UNDANGAN *)

BAPPENAS

1. Asisten Menteri Negara PPN Bidang Prasarana
2. Deputi Bidang Ekonomi
3. Deputi Bidang Regional dan Daerah
4. Kepala Biro Pertanian dan Pengairan
5. Kepala Biro Perhubungan dan Pariwisata
6. Kepala Biro Perdagangan dan Industri
7. Kepala Biro Kerjasama Ekonomi Luar Negeri
8. Kepala Biro Regional I
9. Kepala Biro Regional II
10. Kepala Biro Regional III
11. Kepala Biro Sosial Ekonomi dan Tata Ruang
12. Kepala Biro Bantuan Pembangunan Daerah

DEPARTEMEN DALAM NEGERI

13. Direktur Jenderal Pembangunan Daerah
14. Direktur Bina Program, Ditjen. Bangda
15. Direktur Pembinaan Pengembangan Wilayah, Ditjen Bangda
16. Direktur Pengembangan Desa, Ditjen Bangdes

DEPARTEMEN PEKERJAAN UMUM

17. Direktur Jenderal Cipta Karya
18. Staf Ahli Menteri Bidang Pengembangan Tata Keterpaduan Kawasan dan Planologi Kota
19. Kepala Biro Perencanaan
20. Direktur Tata Kota dan Tata Daerah, Ditjen Cipta Karya
21. Direktur Bina Program Pengairan, Ditjen Pengairan
22. Direktur Bina Program Jalan, Ditjen Bina Marga
23. Direktur Bina Program Cipta Karya, Ditjen Cipta Karya
24. Kepala PUSTRA
25. Kasubdit PUW DTKTD
26. Kasubdit Tata Daerah DTKTD
27. Kasubdit Perencanaan Kota I DTKTD
28. Kasubdit Perencanaan Kota II DTKTD
29. Kasubdit Turbin
30. Pemimpin Proyek Penataan Ruang Wilayah

DEPARTEMEN PERHUBUNGAN

31. Kepala Biro Perencanaan
32. Kepala Bagian Perencanaan Ditjen Perhubungan Darat
33. Kepala Bagian Perencanaan Ditjen Perhubungan Laut
34. Kepala Bagian Perencanaan Ditjen Perhubungan Udara

DEPARTEMEN PERINDUSTRIAN

35. Kepala Biro Perencanaan
36. Direktur Bina Program, Ditjen Aneka Industri
37. Direktur Bina Program, Ditjen Industri Kimia Dasar

38. Direktur Bina Program, Ditjen Industri Kecil
39. Direktur Bina Program, Ditjen Industri Mesin, Logam Dasar dan Elektronika

DEPARTEMEN PERTAMBANGAN DAN ENERGI

40. Kepala Biro Perencanaan
41. Direktur Pembinaan Program Kelistrikan, Ditjen Listrik dan Energi Baru
42. Direktur Geologi Tata Lingkungan, Ditjen Geologi dan Sumber Daya Mineral
43. Direktur Direktorat Vulkanologi, Ditjen Geologi dan sumber Daya Mineral
44. Direktur Direktorat Batubara, Ditjen Pertambangan Umum
45. Kepala Pusat Pengembangan Teknologi Mineral

DEPARTEMEN PARIWISATA, POS DAN TELEKOMUNIKASI

46. Kepala Biro Perencanaan

DEPARTEMEN PERTANIAN

47. Kepala Biro Perencanaan
48. Direktur Bina Program, Ditjen Peternakan
49. Direktur Bina Program, Ditjen Perkebunan
50. Kepala Bagian Perencanaan, Ditjen Perikanan

DEPARTEMEN KEHUTANAN

51. Kepala Biro Perencanaan
52. Sekretaris Ditjen Reboisasi dan Rehabilitasi Lahan
53. Direktur Rencana Pengusahaan Hutan, Ditjen Pengusahaan Hutan
54. Sekretaris Ditjen Perlindungan Hutan dan Pelestarian Alam

KEPENDUDUKAN DAN LINGKUNGAN HIDUP

55. Asisten II Bidang Sumber Alam

BADAN KOORDINASI PENANAMAN MODAL (BKPM)

56. Deputi Bidang Perencanaan dan Promosi
57. Kepala Biro Perencanaan Investasi Non Industri

KAMAR DAGANG DAN INDUSTRI

58. Ketua Kamar Dagang dan Industri

KEPALA KANWIL/DINAS PEKERJAAN UMUM

59. Kepala Kanwil PU Propinsi Sumatera Selatan
60. Kepala Dinas PU Propinsi Sumatera Selatan

61. Kepala Kanwil PU Propinsi Jambi
62. Kepala Dinas PU Propinsi Jambi
63. Kepala Kanwil PU Propinsi Bengkulu
64. Kepala Dinas PU Propinsi Bengkulu
65. Kepala Kanwil PU Propinsi Lampung
66. Kepala Dinas PU Propinsi Lampung

BAPPEDA

67. Ketua Bappeda Propinsi Sumatera Selatan
68. Ketua Bappeda Propinsi Jambi
69. Ketua Bappeda Propinsi Bengkulu
70. Ketua Bappeda Propinsi Lampung

71. OECF Jakarta Office, Mr. Shunro Kageyama, Chief Representative
72. UNDP Jakarta Office, Ms. Akiko Yuge, Deputy Representative
73. Team JICA
74. Perwakilan JICA Indonesia
75. Mr. Takimoto, JICA Expert
76. Japanese Embassy, Mr. Yutaka Ishikawa
77. Mr. Ali Sabeti, Chief Operations of The World Bank
78. Mr. Eiji Kobayashi, Chief Indonesia Resident Office, ADB

2. Agenda

Date: 17 December 1992 (Thursday)
Place: Meeting Room 204-206, BAPPENAS

9:00 - 9:15	Opening Remarks	Chairperson, Steering Committee Chairman, Advisory Committee
9:15 - 9:25	Progress Report	Director, DTKTD
9:25 - 9:35	Break	
9:35 - 10:50	Presentation	JICA Team
10:50 - 13:00	Discussion	
13:00 - 13:20	Conclusion	

3. Participants

Indonesia (54)

Budhy Tjahyati	Head, Bureau of Socio-Economic and Special Planning, BAPPENAS
Manuwoto	Head, Bureau of Region I, BAPPENAS
Bambang B Sodjito	BAPPENAS
Herry Darwanto	BAPPENAS
Haryo Raharjo	BAPPENAS
Gunsairi	BAPPENAS
Muljadi Widodo	Ministry of Home Affairs
Sudarsono	Ministry of Home Affairs
Dodo Perdata	Ministry of Home Affairs
Tubagus Haedar Ali	Director of City and Regional Planning, Ministry of Public Works
Maurits Pasaribu	Puw, Ministry of Public Works
Amwazi Idrus	Puw, Ministry of Public Works
Agus Muharram	Puw, Ministry of Public Works
Husni Taufik	Puw, Ministry of Public Works
Hamzah	Puw, Ministry of Public Works
Budi Situmorang	Puw, Ministry of Public Works
Melanthon. S	Dit. Tata Kota dan Tata Daerah
Adhi Sadewo	Puw, Ministry of Public Works
Sigit Purnomo	Puw, Ministry of Public Works
Ruhyat. K	Directorate General of Water Resources Development, Ministry of Public Works
Ibrahim	Directorate General of Water Resources Development, Ministry of Public Works
Atang Rivai	Directorate General of High Way, Ministry of Public Works
Muchsini	Directorate General of High Way, Ministry of Public Works
Kusmulyati	Ministry of Public Works
Michwan Zainuri	Ministry of Public Works
As'ad	Ministry of Communication
Hendy Mustafa	Ministry of Industry
Pariang. S	Ministry of Industry
Rosianur Anwar	Ministry of Industry
Eddy Sukarna	Ministry of Mining and Energy
W. Subroto Modjo	Ministry of Mining and Energy
Tjetje Apandi	Ministry of Mining and Energy
ST. Simanjutak	Ministry of Tourism, Post and Telecommunication

Budisantoso	Ministry of Tourism, Post and Telecommunication
T. Sibarani	Ministry of Agriculture
Darman	Ministry of Agriculture
Sentot Subagjo	Ministry of Forestry
Sofyan S	National Investment Coordination Board (BKPM)
Endang S. Henranlam	National Investment Coordination Board (BKPM)
Alamsyah Biaksu	Chairman BAPPEDA, Jambi
A. Siagian	BAPPEDA Jambi
Manaf Zakaria	Kanwil Public Works, Jambi
Adiutomo	Dinas Public Works, Jambi
H. T. Simanjutak	Chairman, BAPPEDA, South Sumatra
Muchsini AS	BAPPEDA, South Sumatra
Mustafa Kamal	BAPPEDA, South Sumatra
Yohannes H. Toruan	BAPPEDA, South Sumatra
Komar Iskak	Kanwil Public Works, South Sumatra
M. Yusuf	Dinas Public Works, South Sumatra
Imron Rosadi	BAPPEDA Bengkulu
Amin Adi	Dinas Public Works, Bengkulu
Siti Nurbaya	BAPPEDA Lampung
Syafri HB	Kanwil Public Works, Lampung
Ibrahim RS	Dinas Public Works, Lampung

Japan (9)

Koichi Baba	Chairman, JICA Advisory Committee
Makoto Yamaguchi	JICA Advisory Committee
Kunio Takase	JICA Team Leader
Norimichi Toyomane	JICA Team
Masakazu Watanuki	JICA Team
Mitsuhiro Hayashi	JICA Team
Atsushi Hanatani	JICA Headquarters
Masaru Takimoto	JICA Expert, DGCK, Ministry of Public Works
Tsunenobu Miki	JICA Expert, BKPM

Donor Agencies (3)

Peter Migdley	World Bank
Ben Fisher	World Bank
R.D. Torres	Asian Development Bank

4. Minutes of Discussion

MINUTES OF DISCUSSION
OF THE FIFTH WORKSHOP
ON
THE STUDY ON THE INTEGRATED REGIONAL DEVELOPMENT PLAN
FOR THE SOUTHERN PART OF SUMATRA

The JICA Team for the Study on the Integrated Regional Development Plan for the Southern Part of Sumatra (the Study) prepared the Draft Final Report (the Report) and submitted it to the Directorate General of Human Settlements (DGCK), the Ministry of Public Works on 4 December 1992.

DGCK distributed copies of the Report to the Steering Committee members (BAPPENAS, Ministry of Home Affairs and Ministry of Public Works), other ministries and agencies concerned (Ministry of Industry, Ministry of Mining and Energy, Ministry of Tourism, Post and Telecommunications, Ministry of Agriculture, Ministry of Communications, Ministry of Forestry, Ministry of Population and Environment, Investment Coordinating Board, Indonesian Chambers of Commerce and Industry), BAPPEDA of the four provinces concerned and four major donor agencies (World Bank, Asian Development Bank, OECF and UNDP). BAPPENAS subsequently convened the Fifth Workshop, in cooperation with DGCK and JICA, on 17 December 1992 at BAPPENAS in Jakarta.

Throughout the course of discussion at the Workshop, a constructive exchange of views prevailed not only about the content of the Report but also concerning the next steps to be taken after the Study's completion. The discussion resulted in several important agreements between the Indonesian participants and the JICA Team which are summarized below :

1. The participants appreciated the result of the Study, particularly its Integrated Development Program (IDEP) approach as an appropriate framework for the development of the southern part of Sumatra, and agreed on the goals, targets and strategy identified in the Study. It was noted that the international economic climate was favorable to the Region to achieve its goal "growth with equity."
2. The Indonesian participants understood that the result of the Study was not an official plan and that the Final Report would not imply any official commitment to the result. They, however, will fully utilize the result as a guideline for provincial planning and budgeting particularly in the course of preparing Repelita VI. It was agreed that this Report should be more effectively utilized by integrating it with the previous JICA study on Northern Sumatra, so that the island can be a part of the Pacific rim economic axis running from Java through Sumatra to Singapore, Malaysia and further to Thailand, which is closely linked to the global economy.
3. The participants agreed that projects listed in the Report were not intended to be exhaustive or definitive ; they could and should be reviewed and modified continuously by the Indonesian government to accommodate social and economic development progress. The Team also made it clear that those areas which were not selected as IDEP sites should not be dismissed or excluded from the development effort.
4. The Team presented the revised study on the new deepwater port on the east coast and stressed the need for a survey on natural conditions particularly for Tanjung Apiapi, South Sumatra. The participants agreed that a more comprehensive analysis was necessary dealing with benefits as well as costs associated with the port development.

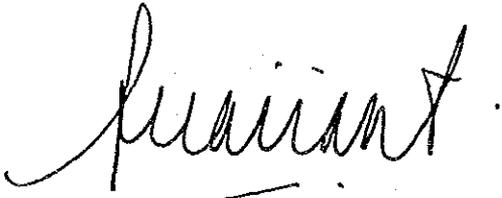
5. There was a unanimous view at the Workshop on the need for the Indonesian government, particularly the provincial governments, to act towards the materialization of the result. Funds for this should be actively sought from international donors, private investments as well as government budgets. It is understood that such actions would follow the normal government procedures led by BAPPENAS. With this respect, the participants agreed that good cooperation among BAPPENAS, BAPPEDA and sectoral ministries concerned on the one hand and the provincial government's initiatives on the other were essential for the successful implementation of the result of the Study.
6. The participants generally accepted the revised proposal by the Team on the institutional arrangements to implement the IDEPs.
7. The Indonesian participants observed that human resource development through technical cooperation had been less than satisfactory in this project. However, the Team expressed that it would be a long-term process, that all efforts had been devoted, and that some positive achievements had been made during the period.
8. The participants shared an understanding that every project listed in the Report must always be mindful of four issues (environment, human resource development including women in development, poverty, private participation) and try to tackle those problems simultaneously.
9. The Indonesian participants agreed to send further comments on the Report, if any, in writing. They should reach Dr. Kunio Takase at IDCJ in Japan no later than 4 February 1993. The Chairperson asked the Indonesian

participants to submit the comments to Deputy V, BAPPENAS, by 31 January 1993.

10. The participants unanimously complimented the JICA and DGCK Teams on the successful accomplishment of their mission.

Jakarta, 18 December 1992

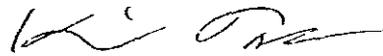
Chairman
of the Steering Committee



Prof. Dr. Sugijanto Soegijoko

Deputy V, BAPPENAS

Team Leader



Dr. Kunio Takase

JICA Team
for the Integrated
Regional Development Plan
for the Southern Part of
Sumatra

wkv/17/12/92

