

**1.4.1 DEVELOPMENT GUIDELINE FOR
PHUKET CLUSTER**

1. POTENTIAL AND CONSTRAINTS

1.1 POTENTIAL AREA IN PHUKET

Phuket Island is the largest island in Thailand, and has the status of a province. From north to south, 50 km in length, runs a spine of wooded hills, some over a thousand feet high (Highest point 527 m). The width of the island varies, due to the many deep and beautiful bays. The total area of land on the island is 550 sq. kms, when the surrounding off-shore islands that technically belong to Phuket are added, the total land area is about 600 sq. km.

TABLE 1-39 PHUKET'S SIZE IN RELATION TO OTHER ISLAND OF THE WORLD

Manhattan (U.S.A.)	52 sq. km
Hong Kong Island	94 sq. km
■ Ko Samui (Thailand)	250 sq. km
Perang (Malaysia)	266 sq. km
Isle of Wight (U.K.)	382 sq. km
Barbados (W. Indies)	432 sq. km
■ Phuket	550 sq. km
Corfu (Mediterranean)	595 sq. km
Singapore	621 sq. km
Tahiti	1,045 sq. km
Oahu (Hawaii)	1,542 sq. km
Bali (Indonesia)	5,582 sq. km

Phuket at a glance

Size: 550 sq. km plus another 49 sq. km including surrounding islands. Highest point 529 m.

Location: Off the west coast of the Kra Isthmus of Thailand lying between 7° 30' and 8° 10' latitude north and 98° 15' and 98° 30' longitude east.

Population: Approximately 168,000 (1987 estimate) of which 50-60,000 live in Phuket town.
 -60% Thai, Thai-Chinese Buddhists
 -5% Moken (Sea Gypsies)

Per capita income: Approximately US\$3,000 per annum (Second highest in Thailand).
 Phuket harbors approximately 350 industrially-equipped fishing boats which employ around 10,000 people full time in either processing or fishing.

Phuket island is highly ranked in regards to the natural beauty of the sea, the beaches, islets, coral reefs and underwater resources. Approximately half of Phuket is mountainous. These mountains are the continuation of a granitic intrusion along the Burmese border. There are many peaks in Phuket island having elevations higher than 500 m above mean sea level. The highest peak with a height of 529 m is the Khao Mai Tao Sip Song located near the Patong beach.

Sandy beaches are found in the lee of prominent headlands and offshore islands on the Andaman sea coast. As a result of submergence and the presence of extensive hills in close proximity to the present shoreline, only narrow strips of marine and river terrace formations are found on the west coast of Phuket.

The major land use is agricultural which includes rubber plantations, coconut plantations, rice fields and orchards. Along the estuary areas, mostly on the east coast of Phuket facing the Phang Nga bay, are extensive mangrove forests. Mountain forests or tropical evergreen forests are scattered on the mountain areas. Villages, urban areas and tin mines are interspersed over the island.

Tin mining operations occupy much of the remaining surface area.

TABLE 1-40 LAND USE

Rubber	15,000 ha	27.0% of area
Coconut	5,000 ha	9.0% of area
Forest	4,400 ha	7.2% of area
Orchard	3,000 ha	5.0% of area
Rice paddy	2,200 ha	3.7% of area
Pineapple	800 ha	
Durian	500 ha	
Cacao	90 ha	
Palm Oil	70 ha	

1.2 OTHER POTENTIAL AREAS IN THE VICINITY OF PHUKET

1) KO PHI PHI

This island in Krabi Province is over 35 km from Phuket and unless high speed transport is introduced, the distance will be a great hindrance to any effective development of the island. There are two beautiful beaches on the main island, the northern one being so well sheltered that it serviceable in all weather conditions. The hinterland is not particularly large in capacity but small scale development is possible. The southern small island with the large cave, an enclosed lagoon, and a rocky cliff suitable for rock climbing, of the island as part of an itinerary for exclusive class of tourist. Some small scale accommodation facilities exist to cater to the special interests in ocean-activities.

2) PHANG NGA BAY AND THE ISLANDS

Phang Nga Bay with the uniquely shaped islands and the limestone caves both on land and on some of the islands provide a most exotic view to the tourists from a cruise boat. This should definitely be promoted as a one-day sight-seeing trip destination for tourists in Phuket. However, the delicate natural scenery should be carefully protected and it is not desirable to carry out any work to alter the existing beauty. The pier facility for boarding and unboarding of passengers may be improved and the catering facility at Ko Panyee may be strengthened for the convenience of tourists. Otherwise the whole bay should be basically left untouched.

3) KRABI PROVINCE

Although some of the unique rock formations and cave paintings of Phang Nga Bay extends down to the coast of Krabi, the distance from Phuket prohibits its inclusion as part of a tourist destination for visitors in Phuket, and the province should be scrutinized separately under a different development project. However, such separate development cannot be recommended on a short term basis since it will only the development and investment effects on Phuket.

2. MAJOR PLANS AND PROJECTS TO BE IMPLEMENTED

2.1 PLANS AND PROJECTS FOR PHUKET CLUSTER IN PHASE-I (1987-1991)

TABLE 1-41 PLANS AND PROJECTS TO BE IMPLEMENTED FOR PHUKET CLUSTER IN PHASE-I (1987-1991)

	TYPE OF PROJECTS	AGENCIES RESPONSIBLE	BRIEF DESCRIPTIONS	BUDGET (mil. baht)	FISCAL YEARS (mil. baht)					REMARKS	SOURCE OF FUND (mil. baht)	IMPLEMENTATION PERIOD			
					1987	1988	1989	1990	1991						
INFRASTRUCTURE	PHUKET	1. Ra Wai Beach-Surin Beach Highway West Coast, Phuket Province	DOH	F4 Standard 43.0 km long	62.00	—	—	30.00	32.00	—		OECF (52.00)	1989-'		
		2. DOH On-going Road Improvement Programs	DOH	Standard km long										1987-'	
		3. Sewage Treatment Plant at Patong Beach, Phuket Province												1987-'	
		Phang Nga												1987-'	
		Krabi												1987-'	
PUBLIC	PHANG NGA	1. Similan Archipelago Marine National Park, Phang Nga Prov.	RFD	Small pier and tourist service	1.29	—	—	—	—	1.29	TAT + RFD	OECF (1.29)	1991-'		
		2. Surin Archipelago Marine National Park, Phang Nga Prov.	RFD	Small pier and tourist service	1.29	—	—	—	—	1.29	TAT + RFD	OECF (1.29)	1991-'		
STUDIES		1. Coastal Resources Management Program for Phuket Island	NEB									USAID	1987-'		
		2. Land Use Survey for Phuket, Krabi and Phang Nga	MOAC	Assessment of Land Use for Agriculture										1988-'	
		3. Landsat Image Analysis for Phuket, Phuket Province		Telephone Expansion from 600 to 1000nos.										1988-'	
		4. Conservation of Historic Building in Phuket Town, Phuket Province	DAC	Preliminary Survey										1987-'	
		5. Historical and Cultural Survey in Phang Nga and Krabi	DAC	Preliminary Survey										1987-'	
HOTEL		1. Expansion & Improvement of Hotels in Phuket Province	Private											Up to 1991	
		2. Expansion & Improvement of Hotels in Phang Nga Province	Private											Up to 1991	
		3. Expansion & Improvement of Hotels in Krabi Province	Private											Up to 1991	
		1. Phuket Water Supply II Phuket Province	PWA		213.9*1)							Foreign Aid	Upper Southern Region Dev't	Rank-1 1990-'93	
		2. Phuket Water Supply III Phuket Province	PWA/RID/		112.5*1)							Foreign Aid	Upper Southern Region Dev't	No-rank 1991-'96	
		3. Krabi Water Supply II Krabi Province	PWA		11.4*1)								Upper Southern Region Dev't	No-rank 1988-'89	
		4. Phang Nga Water Supply I Phang Nga Province	PWA		6.3*1)								Upper Southern Region Dev't	No-rank 1990-'96	
		5. Phang Nga Water Supply I Phang Nga Province	PWA		36.7*1)								Upper Southern Region Dev't	No-rank 1997-'00	
		6. Bangkam Prud Canal Project at Kao Pa-Nom, Krabi Province	PWA		117.5*1)								Upper Southern Region Dev't	No-rank 1988-'89	
			3. Expansion & Improvement of Hotels in Krabi Province	Private											Up to 1991
		RELATED HIGHWAYS & TRANSPORTATION		1. Phuket Water Supply II Phuket Province	PWA		213.9*1)						Foreign Aid	Upper Southern Region Dev't	Rank-1 1990-'96
2. Phuket Water Supply III Phuket Province	PWA/RID/				112.5*1)						Foreign Aid	Upper Southern Region Dev't	No-rank 1991-'96		
3. Krabi Water Supply II Krabi Province	PWA				11.4*1)								Upper Southern Region Dev't	No-rank 1988-'89	
4. Phang Nga Water Supply I Phang Nga Province	PWA				6.3*1)								Upper Southern Region Dev't	No-rank 1990-'96	
5. Phang Nga Water Supply I Phang Nga Province	PWA				36.7*1)								Upper Southern Region Dev't	No-rank 1997-'00	
6. Bangkam Prud Canal Project at Kao Pa-Nom, Krabi Province	PWA				117.5*1)								Upper Southern Region Dev't	No-rank 1988-'89	
7. Highways: Route No. 411, Route 4-Krabi	DOH			Upgrade to SD standard. 4.0 km length	37.1*1)	—	—	—	9.3	27.8			Upper Southern Region Dev't	No-rank 1990-'91	
8. Highways: Route No. 4038 King Las Thap-Kalong Tpa, Krabi	DOH			Construction of paved road to F4 standard 27.0 km length	43.6*1)	—	—	—	15.8	27.8			Upper Southern Region Dev't	No-rank 1990-'91	
9. Highways: Route No. 4203 Sai Thai-Susan Hoi-Ao Phra nang Route No. 4204 Hat Noppharat Thara Krabi	DOH			Construction of paved road to F4 standard to encourage tourism 13.1 km length	14.4*1)	—	14.4	—	—	—			Upper Southern Region Dev't	Up to 1988	
10. Highways: Route No. 4034 Pak Man Krabi-B. Khao Thong, Krabi	DOH			Construction of paved road to F4 standard 25.6 km length	44.5*1)	—	9.8	34.7	—	—			Upper Southern Region Dev't	No-rank 1988-'89	
11. Highways: Route 4042, Rute 4-Ban Bo Muang Krabi	DOH			Construction of paved road to F4 standard 13.0 km length	26.0*1)	—	2.6	23.4	—	—			Upper Southern Region Dev't	No-rank 1988-'89	

12. Highways: Route 4, Khok Khini Takna Thung Phangnga	DOH	Rehabilitation of existing highway to P2 standard 20.0 km length	32.4*1)	-	22.7	9.7	-	-	-	Upper Southern Region Dev't	No-rank 1988-'89
13. Highways: Route 402, Sarasin Bridop-Khok Khini, Phangnga	DOH	Rehabilitation of existing highway to S1 standard 8.5 km length	23.9*1)	-	12.6	-	-	-	-	Upper Southern Region Dev't	Up to 1988
14. Highways: Route 4, Khura Buri-Takua Pa, Phangnga	DOH	Rehabilitation of existing highway to P3 standard 49.3 km length	68.7*1)	-	10.2	58.5	-	-	-	Upper Southern Region Dev't	No-rank 1988-'89
15. Highways: Route 4, Tha U-Phuket and New Phuket Bridge, Phangnga	DOH	New construction to P2 Standard Bridge and approach roads, 16.0 km length	55.7*1)	-	-	-	-	9.3	-	Upper Southern Region Dev't	No-rank 1991-'96
16. Highways: Route 4020, Phuket-Pa Tong, Phuket	DOH	Rehabilitation of existing highway to F2 Standard to support accelerated economic development, 6.5 km length	14.8*1)	-	14.8	-	-	-	-	Upper Southern Region Dev't	Up to 1988
17. Highways: Route 4020, Phuket-Pa Ha Yak Chalong-Rawai, Phuket	DOH	Rehabilitation of existing highway to F4 standard to support accelerated economic development, 5.5 km length	9.3*1)	-	9.3	-	-	-	-	Upper Southern Region Dev't	Up to 1988
18. Highways: Route 4021, Phuket-Nabon, Puket	DOH	Rehabilitation of existing highway to F2 standard 13.6 km length	31.6*1)	-	-	9.3	22.3	-	-	Upper Southern Region Dev't	No-rank 1988-'89
19. Highways: Route 4022, Teen Khao-Ra Ngeng, Puket	DOH	Rehabilitation of existing highway to F4 standard 4.0 km length	7.4*1)	-	-	-	7.4	-	-	Upper Southern Region Dev't	No-rank 1988-'89
20. Highways: Phuket Ring Road	DOH	New construction to F4 standard 29.0 km length	85.4*1)	-	18.6	27.8	39.0	-	-	Upper Southern Region Dev't	1989

2. Phuket Water Supply Further Expansion, Phuket Province	PWA/RID/Private		947.0*1)						Foreign Aid	Upper Southern Region Dev't	Rank-2 1990-'00
3. DOH Road Programs Phuket Province	DOH		340.7*1)							Upper Southern Region Dev't	Rank-6 1987-'91
4. Industrial Complex for Small and Midium Scale Factories, Phuket	IEAT/Local Government		n.a.							Upper Southern Region Dev't	Rank-8 1991-'93
5. Phuket Investment Promotion Zone Phuket Province	BOI/Local Government		n.a.							Upper Southern Region Dev't	Rank-9 1990
6. Phuket Deep Sea Port Supporting Area, Phuket Province	HD/Private L. Government		n.a.							Upper Southern Region Dev't	Rank-12 1990-'91
7. Phuket Tourism Development Zone Phuket Province	Private/Local Government		n.a.							Upper Southern Region Dev't	Rank-15 1989-'91
8. Phuket Airport Industrial Estate and EPZ	IEAT		454.0*1)							Upper Southern Region Dev't	Rank-16 1990-'91
9. Phuket Slum Upgrading Phuket Province	Local Government		n.a.							Upper Southern Region Dev't	Rank-19 1990-'94
10. Solid Waste Collection and Treatment System, Phuket Province	Private/Local Government		n.a.							Upper Southern Region Dev't	Rank-25 1990-'91
11. Phuket Goods Distribution Center Phuket Province	Private/Local Government		n.a.							Upper Southern Region Dev't	Rank-22 1991-'92
12. Phuket Secondary Roads Phuket Province	Local Government		n.a.							Upper Southern Region Dev't	Rank-24 1990-'95
13. Phuket Central Area Environmental Improvement	Local Government		n.a.							Upper Southern Region Dev't	Rank-21 1989-'92
14. Phuket Deep Sea Port II Phuket Province	HD	2 more berths for ocean going vessels, 2 for coastal shipping and 1 for ferry boat	670.0*1)						Foreign Aid	Upper Southern Region Dev't	Rank-30 1992-'96
15. Phuket Deep Sea Port I Phuket Province	HD	2 berths of 360 m, 10 m depth, 120 m wide channel of 9 m depth and 360 m turning circle.	730.0*1)						Foreign Aid	Under-construction	Up to 1988
16. Kantang Port	HD	Improvement to allow vessels of 600 DWT to negotiate the channel to the municipal pier at any time and vessels of 3,000 DWT at high tide. Involves cutting of new 9 km channel, new navigation aids and repair of the municipal pier whould act as feeder port to Phuket	89.0*1)	-	-	30.0	30.0	29.0	Foreign Aid	Upper Southern Region Dev't	No-Rank 1989-'91
17. Phuket Fishing Port	HD	Expansion of existing wharf facilities by about 100 m	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
18. Kantang Fishing Port	HD	Construction of port and supporting fish processing and industrial area	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
19. Krabi-Phuket Ferry Link	LG/Priv. Sector	Development of a passenger and cargo ferry link	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank

20. Phuket Airport	DOA	Extension of the runway from 45x2500 m to 45x3000 m with a design load of 325 metric tons. Improvement and installation of new navigational aids. Construction of new terminal which will allow airport to handle one B 747 one A 300 and two B 737s at the same time.	297.8*1)	-	185.1	112.7	-	-		Upper Southern Region Dev't	No-Rank 1988-'89
21. Krabi Airport	DOA	To enlarge the runway to 300x1500m, provide an 80x80m Apron, a 43x125m taxiway and an access road which will enable Krabi to handle 30 seater planes service. 3 year construction period.	36.8*1)	-	-	-	-	-		Upper Southern Region Dev't	No-Rank -
22. Krabi Oil Refinery and Pipeline	PTT	JICA Study proposal. 3 elements i) crude procurement facility (sea berth); ii) oil refinery with hydrocracker and capacity to produce 67,000 barrels per stream day; iii) distribution component including a pipeline from Krabi to Khanom	3,040.0*1)	-	-	304	304	304		Upper Southern Region Dev't	No-Rank 1989-2000
23. Krabi Industrial Promotion Zone	BOI	Tax and other financial incentives, plus infrastructure. Team proposal	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
24. Deep Sea Port Supporting Area Phase 1	HD	JICA Study proposal. 100 hectares of warehousing and distribution facilities to the NE of the new deep sea port.	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
25. Deep Sea Port Supporting Area Phase 2		ongoing development	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
26. Industrial promotion Zone Infrastructure Development Phase 1	INFRA. AGENCIES/ ROT/MOT	JICA Study proposal. Infrastructure development and presumably similar incentive to Surt Thani industrial promoting zones. for about 70 hectares including the Khloga Tachin Port Supporting Area.	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
27. Industrial promotion Zone Infrastructure Development Phase 2		JICA Study proposal. An area of around 120 ha	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
28. Industrial promotion Zone Infrastructure Development Phase 3		ongoing program	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
29. Industrial Complex for Small/Medium Scale Factories	IEAT	JICA Study proposal. 15 hectares site to help small industries to become more efficient. To north of Phuket town.	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
30. Goods Distribution Centre Phase 1	Priv. Sector	JICA Study proposal. 30 hectares 187 rai site to the north of Phuket town for a warehouse complex and truck terminal.	376.0*1)	-	-	71	70	70		Upper Southern Region Dev't	No-Rank 1989-2000
31. Goods Distribution Centre Phase 2		ongoing development	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
32. CBD Redevelopment	LG./Priv. Sector	JICA Study proposal. To increase densities.	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
33. Drainage System Development Phase 1	Mun.	JICA Study proposal. Open canal of 13 km plus 3 pumping stations.	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
34. Drainage System Development Phase 2		ongoing development	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
35. Solid Waste Treatment System Development	Mun.	JICA Study proposal. Collection system and incineration plant	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
35. Secondary Roads Phase 1	Mun.	JICA Study proposal. About 12 km of new outer ring road and 33 km of road improvement.	442.0*1)	-	-	59	59	59		Upper Southern Region Dev't	No-Rank 1989-2000
36. Secondary Roads Phase 2		ongoing program.	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
37. Secondary Roads Phase 3		ongoing program of improvement and new construction of secondary and tertiary roads.	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
38. Urban Utilities Development	Mun.	JICA Study proposal. To match urban growth.	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
39. Housing and Residential Area Development Phase 1	NHA	JICA Study proposal. Provision of physical and social infrastructure for 45,000-50,000 people, plus 1000 housing units.	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
40. Housing and Residential Area Development Phase 2		ditto for 60,000-72,000 people, plus 4000 housing units	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
41. Housing and Residential Area Development Phase 3		ongoing program	2,143.0*1)	-	-	278	278	278		Upper Southern Region Dev't	No-Rank 1989-2000
42. Slum Upgrading Phase 1	Mun.	JICA Study proposal. 500 families	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank
43. Slum Upgrading Phase 2		1000 families	-	-	-	-	-	-		Upper Southern Region Dev't	No-Rank

44. Phuket Medical Centre Phase 1	Mun.	JICA Study proposal. Including a rehabilitation centre and specialist medical facilities.	-	-	-	-	-	-	-	Upper Southern Region Dev't	No-Rank
45. Phuket Medical Centre Phase 2		further development	-	-	-	-	-	-	-	Upper Southern Region Dev't	No-Rank
46. International Conference Centre Phase 1	priv. Sector	JICA Study proposal. With full functions.	-	-	-	-	-	-	-	Upper Southern Region Dev't	No-Rank
47. International Conference Centre Phase 2		further development.	-	-	-	-	-	-	-	Upper Southern Region Dev't	No-Rank
48. Central Shopping Area Environmental Improvement	Mun.	JICA Study proposal. Improvements to buildings, and streets	1,365.0*	-	-	50	50	50		Upper Southern Region Dev't	No-Rank 1989-2000
49. University or Graduate School Development Phase 1	MUA	JICA Study proposal. To the north west of Phuket Town in the Kathu district. Approximately 150 hectares.	-	-	-	-	-	-	-	Upper Southern Region Dev't	No-Rank
50. University or Graduate School Development Phase 2		further development.	-	-	-	-	-	-	-	Upper Southern Region Dev't	No-Rank
51. Urban Beautification Program	Mun.		-	-	-	-	-	-	-	Upper Southern Region Dev't	No-Rank
52. Railway Station Plaza Development	SRT	JICA Study proposal. 3 station plaza with feeder transport terminals.	33.0*	-	-	4	3	3		Upper Southern Region Dev't	No-Rank 1989-2000
53. Phuket Sewage Treatment and Disposal	LG/Priv. Sector	Preparation of an appropriate system of disposal, collection and treatment. Team proposal.	-	-	-	-	-	-	-	Upper Southern Region Dev't	No-Rank
54. Takua Pa Mining Rehabilitation	DMR	Reclamation and rehabilitation of disused mining areas.	-	-	-	-	-	-	-	Upper Southern Region Dev't	No-Rank
55. Phuket Environmental Development Program	LG/DMR	Rehabilitation of old mining areas and general environmental improvement.	-	-	-	-	-	-	-	Upper Southern Region Dev't	No-Rank

2.2 PLANS AND PROJECTS FOR PHUKET CLUSTER IN PHASE-II (1992-1996)

TABLE 1-42 PLANS AND PROJECTS TO BE IMPLEMENTED FOR PHUKET CLUSTER IN PHASE-II (1992-1996) AND PHASE-III(1997-2001)

TYPE OF PLANS/PROJECTS		AGENCIES RESPONSIBLE	ROUGH COST (mil.baht)	PHASING PRIORITY	PROPOSED BY
I N F R A S T R U C T U R E	1. Improvement of Phuket International Airport -Upgrading of Aviation Safety -Increase in Flights Movement -Airport Surrounding Area Development	DOA	n.a.	Phase-II	Study Team
	2. Maintenance of Asian Highways No.2 & No.18	DOH	n.a.	Phase-II	Study Team
	3. Inducement and Promotion of Industrial Cruising (Singapore-Kuara Lumpur-Penang-Phuket)		n.a.	Phase-II	Study Team
	4. Feeder Air Transport Network Development -b/w Phuket and Samui -b/w Phuket and Krabi	Private/LG	n.a.	Phase-II	Study Team
	5. Air Excursion Development	Private	n.a.	Phase-II	Study Team
	6. Andaman Sea Excursion Route and Facilities Development -Phang Nga Bay Circuit -Phuket-Similan-Surin -Phuket-Phi PHI-Tarutao		n.a.	Phase-II	Study Team
	7. Krabi-Phuket Ferry Development	Private	n.a.	Phase-II	Study Team
	8. Development of New Transportation Network from the Phuket Airport to the Beaches of Phuket and Phang Nga	n.a.	n.a.	Phase-II	Study Team
	9. Implementation of the Water Supply Scheme Phase-III	PWA	n.a.	Phase-II	Study Team
	10. Development of Appropriate Waste Disposal Systems of the Beach Resorts	n.a.	n.a.	Phase-II	Study Team
H O T E L	1. Phuket Province including Phang Nga West and Phang Nga Bay Areas -High class:1,000 add or 1,000 in total -Low class :1,000 add or 1,000 in total	Private	n.a.	Phase-II	Study Team
	2. Phuket Province including Phang Nga West and Phang Nga Bay Areas -High class:1,000 add or 1,000 in total -Low class :1,000 add or 1,000 in total	Private	n.a.	Phase-III	Study Team
	3. Phang Nga Province excluding Phang Nga West and Phang Nga Bay Areas -High class:1,000 add or 1,000 in total -Low class :1,000 add or 1,000 in total	Private	n.a.	Phase-II	Study Team
	4. Phang Nga Province excluding Phang Nga West and Phang Nga Bay Areas -High class:1,000 add or 1,000 in total -Low class :1,000 add or 1,000 in total	Private	n.a.	Phase-III	Study Team

	5. Krabi Province excluding Phi Phi -High class:1,000 add or 1,000 in total -Low class :1,000 add or 1,000 in total	Private	n.a.	Phase-II	Study Team
	6. Krabi Province excluding Phi Phi -High class:1,000 add or 1,000 in total -Low class :1,000 add or 1,000 in total	Private	n.a.	Phase-III	Study Team
	7. Ranong Province -High class:1,000 add or 1,000 in total -Low class :1,000 add or 1,000 in total	Private	n.a.	Phase-II	Study Team
	8. Ranong Province -High class:1,000 add or 1,000 in total -Low class :1,000 add or 1,000 in total	Private	n.a.	Phase-III	Study Team
P U B L I C F A C I L I T I E S	1. Development of Multi-purpose Sports Complex at Patong Beach in Phuket -Tennis courts -Gymnasium -Soccer field -Diving Training etc.,	Private/LG/ TAT	n.a.	Phase-II	Study Team
	2. Establishment of Southern Thailand Tourism Training School in Phuket	TAT	n.a.	Phase-II	Study Team
	3. Development of Convention Hall and Golf Course at the Proposed Hotel Complex in Phang Nga West	TAT/Private	n.a.	Phase-II	Study Team
	4. Development of Tourist Plaza in Phuket City -Duty free shops -Souvenir shops	Private/MP/ TAT			
	5. Development of Nature-oriented Water Attraction Park in Phang Nga Bay with the corporation of RFD	TAT/Private/ LG	n.a.	Phase-II	Study Team
	6. Study and Development of Residential Areas for Tourism Employment	MP/LG/DTCP	n.a.	Phase-II	Study Team
R E L A T E D	1. Phuket Deep See Port	HD	n.a.	Phase-II	USRD
	2. Phuket Industrial Estate	IEAT	n.a.	Phase-II	USRD
	3. Urban Development of Phuket City	MP/LG/DTCP	n.a.	Phase-II	USRD