

70-17337

TECHNICAL COOPERATION  
OF  
JAPAN INTERNATIONAL COOPERATION AGENCY  
TO  
INDONESIA

1979

JICA  
108  
36  
PLC  
BRARY

國際協力專業團		
受入 月日	'87. 6. 13	108
登録 No.	08638	36
		PLC

1. Technical Cooperation of JICA

(Thousand yen)

Type	F.Y. 1975	F.Y. 1976	F.Y. 1977	F.Y. 1978*	F.Y. 1954 - F.Y. 1978* Total
1. Training Programme	165,523	213,772	313,390	328,097	1,841,701
2. Expert Dispatch Programme	145,492	132,473	153,790	147,422	929,904
3. Equipment Supply Programme	16,996	-	28,469	14,361	145,352
4. Overseas Technical Cooperation Centre Programme	4,373	12,152	278,454	524,337	1,137,491
5. Health and Medical Cooperation Programme	104,024	194,760	191,003	113,450	988,720
6. Agriculture and Forestry Cooperation Programme	69,476	80,039	237,642	367,837	1,227,166
7. Industrial Development Cooperation Programme	5,115	36,703	239,123	102,792	383,733
8. Development Survey Programme	360,807	527,528	760,176	742,664	3,191,554
9. Development Cooperation Programme	35,645	56,149	121,404	20,691	235,490
10. Japan Overseas Cooperation Volunteers Programme	187,889	236,825	234,793	313,282	1,916,224
Total	1,095,340	1,490,401	2,558,244	2,674,933	11,997,335

\* Estimation

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2. Technical Cooperation of JICA for 1975 - 1978 by Type

2.1 Training Programme

(Persons)

Sector	F.Y. 1975	F.Y. 1976	F.Y. 1977	F.Y. 1978	Total
1. Agriculture	44	35	48	64	191
2. Fisheries	19	13	4	9	45
3. Construction	21	26	31	50	128
4. Heavy Industries	8	8	4	7	27
5. Mining	4	6	8	11	29
6. Light Industries	4	5	7	11	27
7. Chemical Industries	5	6	5	4	20
8. Public Works	11	8	10	4	33
9. Transportation	18	16	31	24	89
10. Postal Services & Telecommunications	17	14	24	19	74
11. Health & Welfare	23	28	20	30	101
12. Atomic Energy	-	-	-	-	
13. Management Technology	3	6	7	7	23
14. Education	-	-	4	7	11
15. Administration	33	48	34	24	139
16. Others	7	3	3	3	16
<b>Total</b>	<b>217</b>	<b>222</b>	<b>240</b>	<b>274</b>	<b>953</b>

## 2.2 Expert Dispatch Programme

(Persons)

Sector	F.Y. 1975	F.Y. 1976	F.Y. 1977	F.Y. 1978	Total
1. Agriculture	2	6	6	3	17
2. Fisheries	1	5	4	2	12
3. Construction	24	16	25	9	74
4. Heavy Industries	1	-	-	-	1
5. Mining	-	6	11	-	17
6. Light Industries	-	-	-	-	-
7. Chemical Industries	-	-	-	-	-
8. Public Works	16	1	-	-	17
9. Transportation	9	7	1	2	19
10. Postal Services & Telecommunications	3	-	10	6	19
11. Health & Welfare	-	-	1	-	1
12. Atomic Energy	-	-	-	-	-
13. Management Technology	-	-	-	1	1
14. Education	2	-	2	18	22
15. Administration	-	4	7	3	14
16. Others	6	1	-	-	7
Total	64	46	67	44	221

2.3 Equipment Supply Programme

(Thousand yen)

Equipment	F.Y. 1975	F.Y. 1976	F.Y. 1977	F.Y. 1978	Total
1. Tidal Current Observation	2,544	-	-	-	2,544
2. Soil & Geological Research	2,342	-	24,045	19,969	46,356
3. Hydrographic Research	-	7,617	-	-	7,617
4. Textile	-	14,025	-	-	14,025
5. Meteorological Observation	-	5,583	-	-	5,583
6. Irrigation	-	3,465	4,455	9,566	17,486
Total	4,886	30,690	28,500	29,535	93,611

2.4 Overseas Technical Cooperation Centre Programme

Project	Cooperation Period	(Thousand yen)	(Persons)	(Persons)
		Equipment Supply	Expert	Trainee
1. Technical Cooperation in the Field of Fishery Research and Education	July 1969 - July 1972	147,071	6	4
2. The Sulawesi Industrial Vocational Training Centre	Feb. 1974 - Feb. 1979	362,055	16	26

## 2.5 Health and Medical Cooperation Programme

Project	Cooperation Period	(Thousand yen)	(Persons)	(Persons)
		Equipment Supply	Expert	Trainee
1. Medical Faculty of Padjadaran University	July 1967 - Mar. 1973	9,195	3	-
2. Medical Cooperation for the Province of Maluku	Apr. 1969 - Mar. 1973	69,641	6	-
3. Central General Hospital, Western JAVA	Apr. 1967 - Mar. 1973	74,087	16	9
4. The Lung-Surgery Cooperation with the Persahabatan Hospital	Apr. 1969 - Mar. 1974	34,462	16	10
5. The Cardiosurgery Cooperation with the Persahabatan Hospital	1968 - 1969, 1972	12,778	17	-
6. The Central Clinical Laboratory of the Dr. Tjipto Mangunkusumo Hospital	Apr. 1971 - Mar. 1976	49,285	7	-
7. Family Planning	Oct. 1969 - Mar. 1980	338,276	19	31
8. Centre for Biomedical Research	Apr. 1975 - Mar. 1980	197,260	25	15
9. Health Control in North Sumatra and Surrounding Asahan Project Area	Apr. 1978 - Mar. 1983	45,400	9	5
10. Nurse Education	Nov. 1978 - Nov. 1983	-	2	-
11. Special Advisory Team for Cardio-surgery (Indonesia and Philippines)	Survey (F.Y. 1975)			
12. Medical Equipment Repairing Team (Indonesia and Philippines)	Survey (F.Y. 1975, 1977, 1978)			



Project	Cooperation Period	(Thousand yen)	(Persons)	(Persons)
		Equipment Supply	Expert	Trainee
13. Medical Cooperation Survey (Indonesia, Philippines and Thailand)	Survey (F.Y. 1976, 1977)			
14. Advisory Team for Medical Cooperation	Survey (F.Y. 1977)			
15. Advisory Team for Medical Equipment (Indonesia and Philippines)	Survey (F.Y. 1977)			
16. Others				

## 2.6 Agriculture and Forestry Cooperation Programme

Project	Cooperation Period	(Thousand yen)	(Persons)	(Persons)
		Equipment Supply	Expert	Trainee
1. Technical Cooperation in the Field of Agriculture in Indonesia (Western JAVA)	May 1968 - May 1976	210,128	14	-
2. The Tadjum Pilot Scheme	Feb. 1971 - Feb. 1976	120,205	9	-
3. Sericulture Development Project in South Sulawesi	Mar. 1976 - Feb. 1983	262,543	18	34
4. Japan-Indonesia Joint Food Crop Research Programme	Oct. 1970 - Oct. 1978	308,726	39	31
5. The Lampung Agricultural Development Project	Nov. 1972 - Nov. 1980	571,742	34	31
6. South Sulawesi Regional Agricultural Development Planning	Dec. 1976 - July 1979	80,768	26	15
7. Animal Health Improvement Programme	June 1977 - May 1980	106,516	9	6
8. Agricultural Products Processing Pilot Plant Project, IPB	Oct. 1977 - Oct. 1979	83,736	6	7
9. Mountain Logging Practice Project in JAVA	Apr. 1978 - Apr. 1981	81,812	8	4
10. Mariculture Development Project	Aug. 1978 - Mar. 1982	4,729	2	-
11. Middle Level Agricultural Technician Training Project	Mar. 1979 - Mar. 1984	-	-	-

Project	Cooperation Period	(Thousand yen)	(Persons)	(Persons)
		Equipment Supply	Expert	Trainee
12. Remote Sensing in Engineering	-	-	-	-
13. Afforestation Project in South Sumatora	-	-	-	-
14. Others Surveys (Technical Guidance Delegations, etc.)	-	-	-	-

2.7 Industrial Development Cooperation Programme

Project	Cooperation Period	(Thousand yen)	(Persons)	(Persons)
		Equipment Supply	Expert	Trainee
1. East JAVA Maize Development	Dec. 1967 - July 1974	256,256	18	4
2. The Lampung Agricultural Development	Nov. 1972 - Nov. 1977	337,923	12	-
3. Development for Building Materials	July 1978 - July 1982	-	3	2
4. Mari-Culture Development	Survey (F.Y. 1975, F.Y. 1976)	-	2	-
5. Technical Cooperation in the Field of Quality Control of Natural Rubber (ASEAN Countries)	Survey (F.Y. 1975)	-	-	-
6. Mountain Logging Practice Project in JAVA	Survey (F.Y. 1976)	-	-	-
7. Project Finding - Mining, Industry and Power Production (Indonesia & Malaysia)	Survey (F.Y. 1976)	-	-	-

\* 4, 6 are transferred to Agriculture and Forestry Cooperation Programme from 1978.

## 2.8 Development Survey Programme

(Thousand yen)

Project	F.Y. 1975	F.Y. 1976	F.Y. 1977	F.Y. 1978	Total
1. Lombok - Makassar Strait	114,928	-	-	-	114,928
2. Electronic Navigation Aid System (Indonesia, Malaysia and Singapore)	(2,339)	(18,256)	(15,282)	-	(35,877)
3. Malacca & Singapore Straits	(280)	-	-	-	(280)
4. Tidal and Current Studies of Malacca & Singapore Straits	(1,276)	-	(30,854)	(34,573)	(66,703)
5. South Surawesi Water Resources Development	-	78,973	77,197	370,381	526,551
6. Jakarta City Telephone Network Planning	75,606	-	-	-	75,606
7. Tourism Development in Central Java	96,213	-	-	-	96,213
8. Way Rarem - Abung Irrigation	70,587	-	-	-	70,587
9. Jakarta - Merak Link Road	-	-	-	2,741	2,741
10. Wonogiri Dam Feasibility Study	69,013	-	2,273	6,794	78,080
11. Wonogiri Irrigation and River Improvement	44,229	120,550	2,495	-	167,274
12. East Java Regional Development	26,114	-	-	-	26,114
13. Central Java Regional Development	-	39,550	39,907	-	79,457
14. Overall Urar River Improvement	6,223	128,347	150,420	54,824	339,814

(Thousand yen)

Project	F.Y. 1975	F.Y. 1976	F.Y. 1977	F.Y. 1978	Total
15. Central & East Java Road	109,186	52,073	-	-	161,259
16. Training Centre of Rating	5,809	-	37,176	-	42,985
17. Banjarmasin Ports Development	5,246	118,180	33,960	-	157,386
18. Basic & Practical Study for Master Plan in Land Erosion & Volcanic Debris Control in Area of Mt. Merapi	4,892	40,960	155,886	-	201,738
19. Jakarta Ring Road	-	25,686	118,490	8,039	152,215
20. Northern & Western Sumatra Tourism Development	-	9,601	178,266	1,288	189,155
21. Extension Project of the Bitung Port	-	2,914	96,010	-	98,924
22. Forestry Inventory for Management & Logging Plan to Central Java	-	45,190	51,755	454	97,399
23. Technical Cooperation Survey (Indonesia and Malaysia)	-	-	(2,598)	(1,267)	(3,865)
24. Project Finding (Indonesia, Malaysia and Philippines)	(492)	(1,084)	-	-	(1,576)
25. Construction Project of Semarang Port	-	-	80,945	20,940	101,885
26. Shipping Industry Development in Indonesia	-	-	20,156	48,559	68,715

(Thousand yen)

Project	F.Y. 1975	F.Y. 1976	F.Y. 1977	F.Y. 1978	Total
27. Feasibility Study and Planning of Riam-Kanan Irrigation	-	-	44,081	185,596	229,677
28. The Management Plan of Upper Musi Water-Shed in South Sumatra	-	-	21,518	127,135	148,653
29. Borobudur • Prambanan National Archeological Monument Parks	-	-	-	149,885	149,885
30. Medan Urban Transportation	-	-	-	5,197	5,197
31. Salvage Survey of Wrecks and Underwater Obstacles	-	-	-	1,841	1,841
32. Nurse Education Facilities	-	-	-	38,681	38,681
33. Reforestation Technology Facilities, Mulawarman University	-	-	-	38,353	38,353
34. Hospital Facilities Improvement	-	-	-	21,874	21,874
35. Construction of Port Facilities in Balikpapan	-	-	-	40,566	40,566
36. Lower Jeneberang River Flood Control Project	-	-	-	4,728	4,728
37. Improvement of Telephone Network System in Jakarta	-	-	-	3,015	3,015

(Thousand yen)

Project	F.Y. 1975	F.Y. 1976	F.Y. 1977	F.Y. 1978	Total
38. Upper Komering River Basin Agricultural Development	-	-	-	12,132	12,132
39. Low Cost Housing Project in Depok	-	-	-	3,434	3,434
40. Construction of Guidance Service Centre in Irrigation, Drainage Engineering	-	-	-	10,284	10,284
41. Hydrographic Survey in the One Fathan Bank Area - Malacca & Singapore Straits (Indonesia, Malaysia and Singapore)	-	-	-	(9,995)	(9,995)
42. Southern Coast Development Project in Eastern Java	-	-	-	66,241	66,241
43. Jakarta-Merak Link Road (Jakarta-Tangerang Tollway System)	-	-	-	2,741	2,741
44. Solo River Basin Irrigation & River Improvement	-	-	-	6,794	6,794
45. Rehabilitation & Development of Town Gas	11,302	-	-	-	11,302
46. Ujung Pandang Industrial Estate Construction Plan	13,544	70,492	-	-	84,036
47. Sadan Hydroelectric Power Development	38,370	97,401	5,922	-	141,693



(Thousand yen)

Project	F.Y. 1975	F.Y. 1976	F.Y. 1977	F.Y. 1978	Total
48. Project Finding - Mining, Industry and Power Production (Indonesia and others)	(1,152)	-	-	(591)	(1,743)
49. Mineral Resources Development in Central Kalimantan	52,571	183,204	202,716	79,304	517,795
50. Coal Development of Ombilin	-	-	39,156	111,085	150,241
51. Thermalelectric Power Development of Bukit Asam	-	-	56,247	2,520	58,767
52. Collaborative Uranium Resources Exploration in Sumatra	-	-	871	2	873
53. The Construction of Urea Plant in Aceh	-	-	46,937	42,751	89,688
54. Framing of the Energy Data Bank System	-	-	5,806	17,494	23,300
55. Petroleum Exploration & Production Data Bank System Development	-	-	-	35,970	35,970
56. Maung Hydroelectric Power Development	-	-	-	36,902	36,902
57. Pulp and Paper Mills	-	-	-	10,290	10,290

\* The Figures for 2, 3, 4 & 41 are excluded from the total amount of "DEVELOPMENT SURVEY PROGRAMME".

## 2.9 Development Cooperation Programme

(Thousand yen)

Project	F.Y. 1975	F.Y. 1976	F.Y. 1977	F.Y. 1978	Total
1. Forestry Development Project in South Sumatra	6,620	956	24,774	45,297	77,647
2. Forestry Development Project in Central Sulawesi	3,704	50,741	39,782	5,450	99,677
3. Others	17,162	21,111	18,074	17,738	74,085

## 2.10 Japan Overseas Cooperation Volunteers Programme

Survey.

