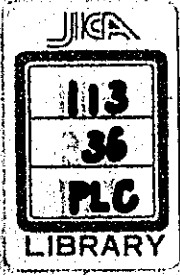


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TECHNICAL COOPERATION  
OF  
JAPAN INTERNATIONAL COOPERATION AGENCY  
TO  
MALAYSIA

AUGUST, 1980



国際協力事業団	
受入 月日 '85. 3. 15	113
登録No. 11207	36
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## 1. Technical Cooperation of JICA

(thousand yen)

Type	F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979*	F.Y.1954-F.Y.1979 Total*
1. Training Programme	143,915	153,820	202,709	230,044	1,300,516
2. Expert Dispatch Programme	82,698	96,254	118,380	90,537	729,158
3. Equipment Supply Programme	-	-	17,960	9,451	81,671
4. Overseas Technical Cooperation Centre Programme	63,903 (13,175)	176,976 (104,710)	200,079 (99,311)	315,239 (189,635)	1,129,979 (661,251)
5. Health and Medical Cooperation Programme	1,630 ( -)	1,844 ( 5)	966 ( -)	542 ( -)	47,766 (29,607)
6. Agriculture and Forestry Cooperation Programme	24,300 ( 6,524)	31,827 ( -)	225,238 (133,927)	95,929 ( 34,327)	615,310 (301,818)
7. Industrial Development Cooperation Programme	2,754	271	-	-	3,025
8. Development Survey Programme	241,074	299,605	502,954	937,068	2,169,750
9. Development Cooperation Programme	2,867	9,046	13,771	12,845	42,801
10. Japan Overseas Cooperation Volunteers Programme	126,347	158,648	176,463	239,416	1,611,022
<b>Total</b>	<b>689,488</b>	<b>928,291</b>	<b>1,458,520</b>	<b>1,931,071</b>	<b>7,730,998</b>

Note: The figures in parenthesis indicate a total amount of equipment supply in respective programmes.

\* Provisional



2. Technical Cooperation of JICA for 1976 - 1979 by Type

2.1 Training Programme

(persons)

Sector	F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979	Total
1. Agriculture	13	12	18	20	63
2. Fisheries	7	5	3	9	24
3. Construction	4	2	16	24	46
4. Heavy Industries	6	7	9	8	30
5. Mining	1	4	1	1	7
6. Light Industries	4	5	8	6	23
7. Chemical Industries	-	2	1	-	3
8. Public Works	1	6	3	8	18
9. Transportation	17	15	22	10	64
10. Postal Services & Tele-communications	9	7	10	4	30
11. Health & Welfare	4	9	6	18	37
12. Atomic Energy	-	-	-	1	1
13. Management Technology	3	6	5	2	16
14. Education	2	2	-	-	4
15. Administration	33	31	24	28	116
16. Others	3	3	5	5	16
Total	107	116	131	144	498

Note: The figures indicate the numbers of all the trainees participated in the training programmes in Japan.

## 2.2 Expert Dispatch Programme

(persons)

Sector	F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979	Total
1. Agriculture	-	2	-	1	3
2. Fisheries	-	-	-	-	-
3. Construction	3	1	6	6	16
4. Heavy Industries	-	-	-	1	1
5. Mining	-	-	1	-	1
6. Light Industries	-	-	-	1	1
7. Chemical Industries	2	-	-	-	2
8. Public Works	-	-	-	-	-
9. Transportation	-	-	-	-	-
10. Postal Services & Tele-communications	1	2	1	-	4
11. Health & Welfare	-	-	-	-	-
12. Atomic Energy	-	-	-	-	-
13. Management Technology	5	-	-	-	5
14. Education	-	-	-	-	-
15. Administration	-	1	-	-	1
16. Others	-	-	-	-	-
<b>Total</b>	<b>11</b>	<b>6</b>	<b>8</b>	<b>9</b>	<b>34</b>

Note: The figures indicate the numbers of the experts dispatched to Malaysia, excluded package type experts.

## 2.3 Equipment Supply Programme

(thousand yen)

Equipment	F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979*	Total*
1. Rice Crop Research Equipment	-	-	17,960	-	17,960
2. Geological Survey Equipment	-	-	-	9,451	9,451
Total	-	-	17,960	9,451	27,411

\* Provisional

## 2.4 Overseas Technical Cooperation Centre Programme

(thousand yen)

(persons)

(persons)

Project	Cooperation Period	Equipment Supply*	Expert	Trainee
1. MARA Vocational Training Institute, Kuala Lumpur	Jan. 1973 - Jan. 1976	78,978	2	7
2. Marine Engineering Training Project	Dec. 1973 - Jun. 1982	204,298	23	20
3. MARA Vocational Training Institute, Johor Bharu	Sept. 1976 - Sept. 1980	167,158	9	7
4. Electroplating, Press and Welding Development Centre	Aug. 1978 - Aug. 1982	210,817	14	10
Total		661,251	48	44

\* Provisional

## 2.5 Health and Medical Cooperation Programme

(thousand yen)

(persons)

(persons)

Project	Cooperation Period	Equipment Supply*	Expert	Trainee
1. Medical Diagnostic Team	Apr. 1966 - Mar. 1968	5,458	7	-
2. General Hospital of Maraya University	F.Y. 1967, 1968	3,518	2	-
3. Other Equipments	-	20,631	-	-
4. Medical Adviser Experts	F.Y. 1976, 1978, 1979	-	6	-
Total		29,607	15	-

\* Provisional

## 2.6 Agriculture and Forestry Cooperation Programme

(thousand yen)

(persons)

(persons)

Project	Cooperation Period	Equipment Supply*	Expert	Trainee
1. Paddy Mechanization Training Project	Dec. 1970 - Dec. 1975	127,040	3	-
2. Technical Cooperation Project on National Water Management Training	Sept. 1977 - Sept. 1982	174,778	11	5
Total		301,818	14	5

\* Provisional

## 2.7 Development Survey Programme

(thousand yen)

Project	F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979*	Total*
1. Malacca & Singapore Strait (Malaysia and others)	(19,532)	(46,137)	(44,568)	(11,042)	(121,279)
* Electronic Navigation Aid System	(18,256)	(15,282)	-	-	(33,538)
* Tidal and Current Studies	(1,276)	(30,855)	(34,573)	(11,042)	(77,746)
* Hydrographic Survey in the One Fathan Bank Area	-	-	(9,995)	-	(9,995)
2. Penang Sewerage and Drainage System	112,127	81,408	141,366	-	334,901
3. Trengganu Tengah Swamp Area Agricultural Development Project	-	8,223	103,979	114,157	226,359
4. Kuantan - Kuching Submarine Cable Project	-	107,229	-	-	107,229
5. Beluru/Long Lama/Limbang Trunk Road Construction Project in Sarawak	-	4,015	142,291	39,375	185,681
6. Urban Transportation Project in Georgetown and Butterworth	-	-	13,110	183,453	196,563
7. National Water Resources Develop- ment Project	-	-	4,520	62,741	67,261
8. Reclamation Project of Ex-Mining Land for Housing Development	-	-	2,328	45,484	47,812
9. Water Resources Development of East Sabah	-	-	5,568	185	5,753



(thousand yen)

Project	F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979*	Total*
10. Economic and Technical Cooperation Survey (Malaysia and others)	-	-	1,267	1,388	2,655
11. Feasibility and Master Plan Studies for Alor Star and its Urban Environs Sewerage Project	-	-	24,518	128,394	152,912
12. Submarine Cable Project (Malaysia and others)	-	2,665	49,830	-	52,495
13. Kelantan Port Development Project	-	-	-	72,366	72,366
14. Flood Forecasting and Warning System in Saba and Sarawak	-	-	-	51,035	51,035
15. Feasibility Study for UHF/FM Broadcast Coverage for Peninsular Malaysia	-	-	-	2,781	2,781
16. Bitulu Deepwater Port Project	-	-	-	14,481	14,481
17. Project Finding for Industry, Mining and Power (Malaysia and others)	488	-	591	795	1,874
18. Master Plan Study on Petroleum Industry	128,459	96,065	-	-	224,524
19. Lebir River Hydroelectric Power Project	-	-	13,586	164,132	177,718
20. Feasibility Study on ASEAN Urea Fertilizer Project	-	-	-	56,301	56,301
<b>Total</b>	<b>241,074</b>	<b>299,605</b>	<b>502,954</b>	<b>937,068</b>	<b>1,980,701</b>

Note: Total excludes the figures on the Malacca &amp; Singapore Strait Project (1).

\* Provisional

## 2.8 Development Cooperation Programme

(thousand yen)

Project	F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979*	Total*
1. Basic Survey					
(1) Sinker Species Development	-	-	2,690	1,231	3,921
(2) Sabah Agricultural Development Cooperation Project	-	8,395	8,935	8,510	25,840
2. Financial Cooperation Survey	2,867	651	934	2,292	6,744
3. Technical Guidance Service	-	-	1,212	812	2,024
Total	2,867	9,046	13,771	12,845	38,529

\* Provisional

## 2.9 Japan Overseas Cooperation Volunteers Programme

(persons)

Sector	F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979	Total
1. Agriculture	5	1	7	5	18
2. Fisheries	-	2	1	-	3
3. Construction	3	7	2	2	14
4. Heavy Industries	1	11	5	-	17
5. Mining	-	-	-	-	-
6. Light Industries	-	-	3	-	3
7. Chemical Industries	-	-	-	-	-
8. Public Works	-	-	2	-	2
9. Transportation	-	2	1	-	3
10. Postal Services & Telecommunications	-	-	2	5	7
11. Health & Welfare	4	2	2	1	9
12. Atomic Energy	-	-	-	-	-
13. Management Technology	-	-	-	-	-
14. Education	4	2	1	-	7
15. Administration	-	1	1	3	5
16. Others	3	2	-	4	9
<b>Total</b>	<b>20</b>	<b>30</b>	<b>27</b>	<b>20</b>	<b>97</b>

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