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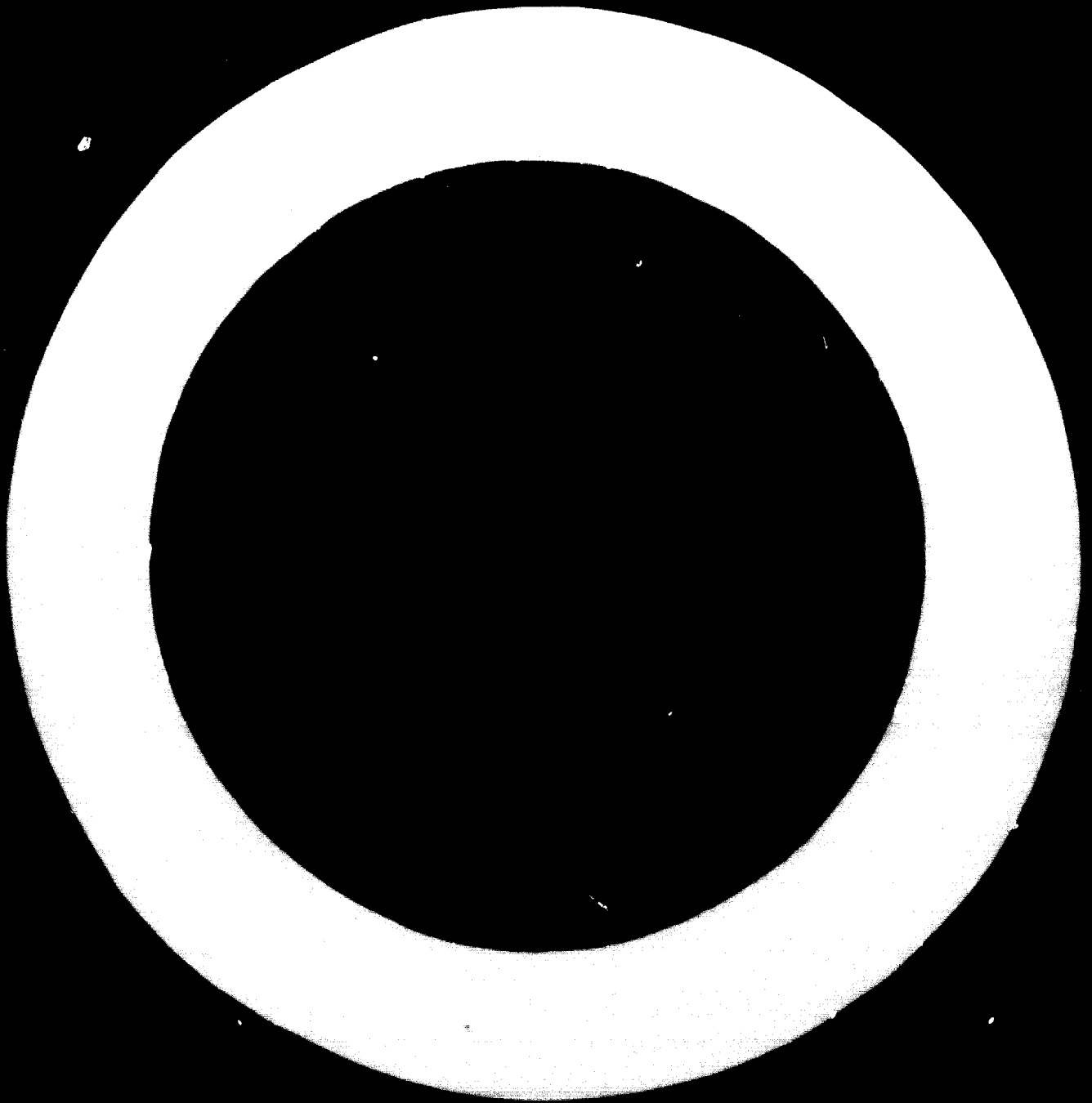
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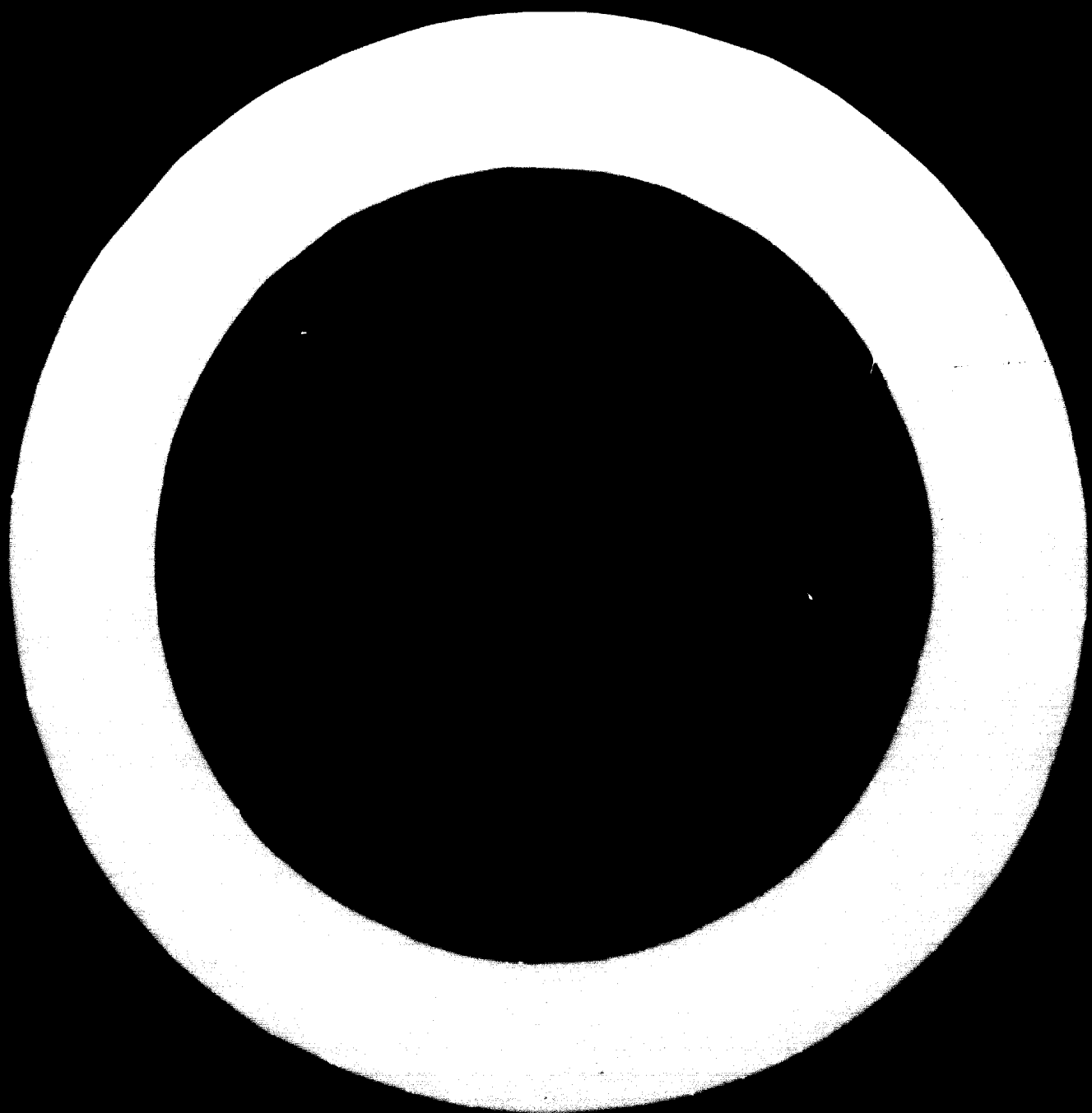
Agenda item 5

PROGRAMME OF WORK FOR 1972, REPORT OF ACTIVITIES IN 1970
AND UPDATING OF 1971 PROGRAMME

PART THREE

Lists of operational and selected supporting projects





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PREFACE

In addition to the brief list of titles of approved operational projects, which is included under the respective groups of activities (ID/B/80/Add.1-3), it was considered useful to present a detailed and complete list (List One) of approved operational projects by region and country. In this list, information is given about the source of financing, the groups of activities involved, the number of experts and fellows and the costs for the years 1970 to 1972.

Forecasts of operational projects are presented by groups of activities in two separate lists: UNDP/SF projects under preparation for approval during 1971 and 1972 (List Two) and UNDP/TA projects forecast for 1972 (List Three).

Four further lists, covering the years 1970 to 1972, have been compiled on: in-plant training courses (List Four); symposia, seminars, workshops and other meetings (List Five); expert group meetings (List Six); and studies and research projects (List Seven).

LIST ONE

**APPROVED OPERATIONAL PROJECTS,
BY REGION AND COUNTRY**

Region, country and project no.	Pre-group	Group	Project title	Experts n/m			Fellows n/m			Cost (in '000 US\$)		
				1969	1971	1972	1970	1971	1972	1970	1971	1972
AFRICA												
Algeria												
ALG-18	SP	15b	Centre for industrial and technological studies - Purpose: to assist in the establishment of a centre to evaluate industrial feasibility studies and advise on projects to be carried out under the national industrial development programme. The project became operational in February 1969.									
			Approved: January 1968 UNDP: \$820,700 Duration: 3 years Gov't: \$629,000									
ALG/69/1	TA	1	Modernization of lock manufacture	1/6	-	-	-	-	12.0	-	-	-
ALG/69/11	TA	6	Treatment and industrial application of cork	-	1/6	-	-	-	-	12.0	-	-
ALG/69/12	TA	1	Maintenance and repair of industrial equipment (assistance to SEPPAC)	-	2/12	-	-	-	-	24.0	-	-
ALG/01/1/1	RP	1	Mechanical and electrical engineering	-	-	-	-	1/6	-	-	3.4	-
ALG/02/1/2	RP	2	Metallurgical industries	-	-	-	-	2/12	-	-	6.8	-
ALG/03/1/3	RP	3	Construction and building materials	-	-	-	-	1/6	-	-	3.4	-
ALG/05/1/4	RP	5	Fertilizers, pesticides and petrochemicals	-	-	-	-	1/6	-	-	3.4	-
ID/RP/10/4	RP	10b	Industrial management	1/12	-	-	-	-	-	24.0	-	-
ID/RP/12/3	RP	1c	Country planning mission	2/0.5	-	-	-	-	-	1.4	-	-
67/85/Rev.1 ALG-2	SIS	6	Reactivation of industrial plants	1/6	-	-	1/4	-	-	14.6	-	-
69/528 ALG-8	SIS	1	Assistance to SEPPAC preventive and progressive maintenance services	1/3	2/9	-	-	3/18	-	6.0	25.5	-
69/559 ALG-9	SIS	6	Assistance to Société Nationale des Lièges	-	1/6	-	-	-	-	-	12.0	-
70/732 ALG-10	SIS	1	Dry battery plant reinvestment study	1/1	-	-	-	-	-	2.0	-	-
20/1	OTF	1	Repair shops and mobile repair units for agricultural equipment	-	2/12	-	-	-	-	-	10.0	-
			Other								121.0	-
Botswana												
BOT/11/1/1	RP	11	Small-scale industries	-	-	-	-	1/6	-	-	3.4	-
70/721 BOT-1	SIS	15a	Industrial survey	1/2	-	-	-	-	-	4.0	-	-

Region, country and project No.	Pre-Group	Project title	Experts				Fellows				Cost (in '000 US\$)			
			1969	1970	1971	1972	1970	1971	1972	1970	1971	1972		

AFRICA (cont'd)

Rwanda

BDI/68/3	TA	11	Development of small-scale industries	1/1	1/11	1/12	1/4	1/4	-	4.8	24.8	24.0
BDI/06/1/1	BF	6	Food and light industries	-	-	-	2/12	-	-	-	6.8	-
68/412 BDI-3	SIS	6	Re-establishment of milling industry	-	-	-	-	Consulting firm (1/2)	-	28.1	-	-
68/413 BDI-4	SIS	6	Feasibility study for a particle board plant	-	-	-	-	Consulting firm (2/4)	-	23.6	-	-
69/617 BDI-7	SIS	6	Study with a view to the manufacture of bags from local fibres, for coffee and other agricultural products	1/2	-	-	-	-	-	4.0	-	-
70/795 BDI-9	SIS	1	Agricultural machinery manufacture feasibility study mission	-	1/3	-	-	-	-	-	6.0	-

Cameroon

CMB-12	SP	11	Centre of assistance to small industries, Douala - Finance: UNIDO is associated with this project, for which ILO is executing agency, in the provision of the services of an industrial economist. Approved: January 1969 UNDP: \$330,000 Duration: 2 years Gov't: \$359,000	-	-	-	-	-	-	-	13.8	10.8
CMB-19	SP	1	Pilot programme in maintenance and repair - Purpose: to assist, in association with ILO, in surveying needs and providing assistance in repair and maintenance to public and private enterprises established in Douala. The project manager began his assignment in September 1970. The Plan of Operation was submitted to the Government in October 1970. Approved: January 1970 UNDP: \$274,600 Duration: 2 years Gov't: \$130,000	-	-	-	-	-	-	6.0	101.8	55.1
CMB/69/3	TA	12	Industrial programming	1/8	1/4	-	-	-	-	16.0	8.0	-
CMB/01/1/1	BP	1	Engineering industries	-	-	-	-	2/12	-	-	6.8	-
CMB/06/1/2	BF	6	Food and light industries	-	-	-	-	1/3	-	-	2.2	-
ID/EP/03-2	BP	3	Building materials industries - pre-feasibility studies for a building materials pilot plant and industrialization of construction industry	1/6	-	-	-	-	-	11.6	-	-

Region, country and project No.	Pre-Group	Group	Project title	Experts			Fellows			Cost (in '000 US\$)		
				1970	1971	1972	1970	1971	1972	1970	1971	1972
AFRICA (cont'd)												
CAMEROON (cont'd)												
67/165 CMB-1	SIS	13	Industrial finance adviser to the National Investment Corporation - private and public industrial financing	1/7	1/5	-	-	-	-	14.0	10.0	-
67/233 CMB-2	SIS	11	Pilot industrial estate - industrial estates and small-scale industries	1/6	-	-	1/6	-	-	15.6	-	-
70/862 CMB-4	SIS	13	Investment promotion for specific industrial projects in African countries	1/1	-	-	-	-	-	1.6	-	-
Central African Republic												
69/09/1/1 CAP	RP	9	Industrial information and promotion	-	-	-	-	2/12	-	-	6.8	-
1D/RP/06-2	RP	6	Food and light industries	-	-	-	2/9	-	-	5.6	-	-
1D/RP/11-4	RP	11	Small-scale industries	-	-	-	-	-	-	2.0	-	-
68/300/Rev.1 CAP-4	SIS	4	Medicinal plants and essential oils	1/1	-	-	-	-	-	2.0	-	-
69/586 CAP-8	SIS	15a	Survey of industrial opportunities	1/3	-	-	-	-	-	6.0	-	-
Chad												
CHD/68/14	TA	11	Economic planning team	-	1/12	1/12	-	-	-	-	24.0	24.0
CHD/06/1/1	RP	6	Food and light industries	-	-	-	-	2/18	-	-	9.2	-
69/674 CHD-5	SIS	6	Vegetable oil technologist	1/2	-	-	-	-	-	4.0	-	-
69/676 CHD-7	SIS	6	Feasibility study for the establishment of a biscuit producing industry	1/2	-	-	-	-	-	4.0	-	-
Congo (Democratic Republic of)												
CCR(K)-34	SP	1	Central services for maintenance and repair of industrial equipment - Purpose: to assist, in association with ILO, in a preliminary study leading to the establishment of a central service for maintenance and repair of industrial equipment on a national scale. The Plan of Operation was submitted to the Government in October 1969.							7.8	81.3	37.2
										-	23.8	-
										0.5	14.5	5.5

Experts
Fellows
Other (incl. equipment and subcontracting)

Approved: January 1970 UNDP: \$191,300
Duration: 1 1/2 years Gov't: \$75,000

Region, country and project no.	Pre-Group	Group	Project title	Reports			Follows			Cost (in '000 US\$)			
				1970	1971	1972	1970	1971	1972	1970	1971	1972	
AFRICA (cont'd)													
Conco (Democratic Republic of)													
COM(X)/06/1/1	MP	6	Food and light industries - furniture production	-	-	-	-	1/6	-	-	-	3.4	-
COM(X)/12/1/2	MP	12	Industrial programming	-	-	-	-	2/12	-	-	-	6.8	-
70/1025 COM(X)-7	SIS	9	Exploratory mission for Industrial Promotion Services	1/0.25	-	-	-	-	-	-	0.5	-	-
9020-70	FIT	1	Industrial evaluation	-	1/12	-	-	-	-	-	-	24.0	-
		6	" "	-	1/12	-	-	-	-	-	-	24.0	-
		12	" "	1/10	1/2	-	-	-	-	-	20.0	4.0	-
9021-70	FIT	1	Industrial assistance - dispensary	-	1/12	-	-	-	-	-	-	24.0	-
		11	" "	-	1/12	-	-	-	-	-	-	24.0	-
		14	" "	-	1/12	-	-	-	-	-	-	24.0	-
Dahomey													
DAB/69/1	MA	11	Development of small-scale industries	1/12	1/12	-	-	-	-	-	-	24.0	24.0
		12	" "	1/9	1/12	-	-	-	-	-	-	18.0	24.0
DAB/10/1/1	MF	10b	Industrial management and training	-	-	-	-	2/12	-	-	-	6.8	-
DAB/12/1/2	MP	12	Industrial planning	-	-	-	-	1/6	-	-	-	3.4	-
ID/MP/09-3	MP	9	Industrial information	-	-	-	-	1/6	-	-	3.4	-	-
10/MP/12-2	MP	12	Industrial programming	-	-	-	-	2/12	-	-	6.8	-	-
ID/MP/13-4	MP	13	Financial studies in economical banking	-	-	-	-	1/14	-	-	7.3	-	-
67/155 DAB-1	SIS	3	Marble cutting and polishing factory	1/3	-	-	-	-	-	-	7.0	-	-
69/665 DAB-6	SIS	6	Feasibility study for the establishment of a vegetable oil factory for cotton seed and groundnut processing	-	1/3	-	-	-	-	-	-	6.0	-
70/826 DAB-4	SIS	4	Exploratory mission to assess the solar salt industry	1/1	-	-	-	-	-	-	2.0	-	-
70/951 DAB-8	SIS	1	Exploratory mission for establishment of a shipyard for maintenance, repair and construction of fishing boats and other vessels	2/0.5	-	-	-	-	-	-	2.0	-	-
9015-70	FIT	3	Interpreter to SIS project Dahomey (1)	1/3	-	-	-	-	-	-	6.0	-	-

Region, country and project no.	Pro-Group	Project title	Experts m/m		Fellows m/m		Cost (in '000 US\$)	
			1970	1971	1972	1970	1971	1972
AFRICA (cont'd)								
Equatorial Guinea								
EQG/11/1/1	RP	Small-scale industries	-	-	-	1/6	-	3.4
Ethiopia								
ETH/68/27	TA	Industrial standardization	1/8	1/8	-	-	16.0	16.0
ETH/08/1/1	RP	Industrial standardization	-	-	-	1/6	-	3.4
ETH/12/1/2	RP	Industrial programming	-	-	-	1/6	-	3.4
6R/427 ETH-13	SIS	Study on a plant for soluble coffee	1/1	-	-	-	2.0	-
69/694 ETH-15	SIS	Assistance to the vegetable processing industry	-	2/7	-	-	-	14.0
70/705 ETH-17	SIS	Marketing of cotton textiles	1/4	1/2	-	-	8.0	4.0
70/754 ETH-14	SIS	Assistance to the Ethiopian Cement Corporation S.C.	-	-	-	-	-	16.0
70/846 ETH-11	SIS	Small industries adviser	1/1	1/5	-	-	2.0	10.0
70/851 ETH-12	SIS	Senior industrial adviser	-	1/12	-	-	-	24.0
70/993 ETH-18	SIS	Technological evaluation of four proposals for a freeze dry coffee plant	1/2	1/2	-	-	4.6	4.6
Consulting firm (2/8)								
Gabon								
GAB/69/3	TA	Industrial development	-	1/12	1/12	-	-	27.7
GAB/06/1/1	RP	Food and light industries	-	-	-	2/12	-	6.8
GAB/12/1/2	RP	Industrial programming	-	-	-	1/6	-	3.4
69/610 GAB-4	SIS	Industrial survey	1/4	-	-	-	8.0	-
69/629 GAB-5	SIS	Preparatory study for the creation of a maintenance and repair workshop	-	1/3	-	-	-	6.0
69/657 GAB-6	SIS	Development of small-scale industry	1/7	1/5	-	-	14.0	10.0
70/968 GAB-7	SIS	Exploratory mission for the promotion of petrochemical industry	1/0.5	-	-	-	1.5	-
Consulting firm (1/3)								
Gambia								
GAM/11/1/1	RP	Small-scale industries	-	-	-	1/6	-	3.4
69/601 GAM-2	SIS	Industrial survey	2/4	-	-	-	8.0	-
2/13	GTF	Laboratory scale investigations of processing ilmenitic black sands to TiO2 rich slag, pig iron and other marketable by-products	-	-	-	-	-	24.5

Region, country and project no.	Pre-groups	Group	Project title	Experts m/m			Fellows m/m			Cost (in '000 US\$)		
				1970	1971	1972	1970	1971	1972	1970	1971	1972
AFRICA (cont'd)												
Ghana												
CHA-28	SP	10b	Assistance to the Ghana Industrial Holding Corporation - Purpose: to strengthen the Ghana Industrial Holding Corporation at the policy-making level and to co-ordinate management assistance to individual plants. The Plan of Operation was signed in August 1969 and the project was declared operational in September 1969. Experts began their assignments early in 1969. During 1970, on the basis of discussions with the Government, the project was reformulated and new staff provided. Approved: January 1969 UNDP: \$753,600 Duration: 4 years Gov't: \$852,000									
				Experts						15.8	123.6	25.0
				Fellows						2.0	17.0	15.0
				Other (incl. equipment and subcontracting)						0.0	269.2	190.0
CHA/01/1/1	EP	1	Engineering industries - agricultural machinery	-	-	-	-	1/12	-	-	5.8	-
ID/RP/10-2	EP	10b	Industrial management - specific industrial management subjects for high-level technical personnel of selected industries	-	-	-	-	1/6	-	3.4	-	-
ID/RP/10-5	EP	10b	Training in industrial management	-	-	-	-	2/18	-	20.0	-	-
ID/RP/11-4	RP	11	Preparatory assistance for the establishment of a centre for training and development of small-scale industries	1/0.5	-	-	-	-	-	2.5	-	-
66/2 CHA-2	SIS	10b	Assistance to Fibre Bag Manufacturing Corporation (FMC), Kumasi	-	-	-	-	-	1/3	-	2.0	-
67/163/Rev.3 CHA-5	SIS	10b	Assistance to Ghana Industrial Holding Corporation	4/27	2/24	1/6	-	-	-	42.5	37.0	4.0
69/593 CHA-9	SIS	10b	Assistance in valuation of physical assets	-	-	-	-	-	-	70.0	34.0	-
69/616 CHA-10	SIS	11	Assistance to small industries	-	2/24	-	-	-	-	-	11.4	-
69/641 CHA-8	SIS	3	Assistance to the glass factory	2/9	2/27	-	-	-	-	17.9	14.0	-
70/1006 CHA-16	SIS	9	Exploratory mission for Industrial Promotion Services	1/0.5	-	-	-	-	-	1.0	-	-
Guinea												
GUI/68/19	TA	12	Industrial planning and programming	-	-	-	-	1/12	-	-	14.0	-
GUL/10/1/1	EP	10b	Industrial management and training	-	-	-	-	-	2/24	-	11.4	-

Region, country and project no.	Pre-Group	Group	Project title	Experts m/m			Fellows m/m			Cost (in '000 US\$)		
				1970	1971	1972	1970	1971	1972	1970	1971	1972
AFRICA (cont'd)												
Guinea (cont'd)												
	RP	12	Industrial programming	-	-	-	2/12	-	-	6.8	-	-
	SIS	6	Research, test and control laboratory for vegetable and essential oils	1/3	-	-	1/6	-	-	10.0	-	-
	SIS	4	Assistance .o pulp and paper	-	1/1	-	-	-	-	-	3.0	-
	SIS	5	Composting of town's garbage	-	-	-	Consulting firm	.....	.....	20.0	-	-
	SIS	12	Industrial project evaluation	-	1/12	-	-	-	-	-	24.0	-
Ivory Coast												
	SF	13	Centre for industrial studies and promotion - Purpose: to assist in the establishment of an organisation to undertake urgently needed industrial feasibility and market studies. The project became operational in June 1970. Approved: June 1968 UNDP: \$479,100 Duration: 3 years Gov't: \$318,000	-	-	-	Experts	.....	.....	4.0	127.0	167.4
				-	-	-	Fellows	.....	.....	-	18.0	7.0
				-	-	-	Other (incl. equipment and subcontracting)	.....	.....	2.0	10.5	20.0
	RP	6	Food and light industries	-	-	-	-	1/6	-	-	3.4	-
	RP	10b	Industrial management and training	-	-	-	-	1/6	-	-	3.4	-
	RP	11	Industrial estates	-	-	-	-	1/6	-	-	3.4	-
	SIS	11	Development of small-scale industry and industrial estates	-	1/12	-	-	-	-	-	24.0	-
Kenya												
	SF	15a	Industrial survey and promoter centre - Purpose: to assist the Government in the establishment and initial operation of a centre to collect statistical and other required information, identify industrial projects and determine their priority, evaluate projects, prepare feasibility studies, advise on methods of industrial promotion, study the effects of Government policies on industrialization and help plan and implement a programme of industrial development in six selected rural areas. The project continues activities begun under SIS. The project manager was recruited	-	-	-	Experts	.....	.....	16.8	206.4	202.5
				-	-	-	Fellows	.....	.....	-	7.0	5.0
				-	-	-	Other (incl. equipment and subcontracting)	.....	.....	3.0	12.4	10.1

Region, country and project no.	Pre-Group	Project title	Experts		Fellows		Cost	
			1970	1971	1970	1971	1970	1971
			m/a		m/a		(in '000 US\$)	
AFRICA (cont'd)								
Kenya (cont'd)								
KEM-21 (cont'd)								
		in November 1970 upon completion of his SIS assignment. The Plan of Operation has been drafted.						
		Approved: January 1970 UNDP: \$517,200 Duration: 2 years Gov't: \$132,000						
KEM/06/1/1	EP 6	Food and light industries - corn industry - leather production	-	-	2/12	-	-	6.8
KEM/13/1/2	EP 13	Industrial policies and financing	-	-	1/6	-	-	3.4
67/122 KEM-1	SIS 6	Industrial processing of maize	1/3	-	-	-	6.0	-
68/433 KEM-8	SIS 15a	Industrial survey	2/1	-	-	-	2.0	-
1/12	OTF 1	Mobile repair units for maintenance and repair of industrial equipment			Other			30.0
Lesotho								
LES/68/12	TA 9	Industrial organization and administration	-	-	1/4	-	-	2.8
LES/12/1/1	RF 12	Industrial programming	-	-	1/6	-	-	3.4
ID/RF/11-2	EP 11	Small-scale industries	-	-	1/4	-	2.6	-
LES/SIDA/8	FIT 11	Small-scale industries	-	1/12	1/12	-	-	17.2
Liberia								
LIR/68/11	TA 11	Small-scale industrial development	1/8	-	-	-	16.0	-
LIR/11/1/1	RF 11	Small-scale industries - Industrial Estate Organization	-	-	2/6	-	-	4.4
Libyan Arab Republic								
LIB-12	SP 8	Centre for industrial development and research, Tripoli - Purpose: to assist the Government in establishing a centre for industrial development and research at Tripoli to advise on industrial development. Its activities will be co-ordinated with bilateral and multilateral assistance. The Plan of Operation is being prepared on the basis of proposals received from the Government, and a project manager is under recruitment.			Experts			193.9
					Fellows			17.4
					Other (incl. equipment and subcontracting)			61.7

Approved: June 1969 UNDP: \$880,200
Duration: 4 years Gov't: \$5,366,000

Region, country and project no.	Pro-gramme	Group	Project title	Experts			Fellows			Cost (in '000 US\$)			
				1970	1971	1972	1970	1971	1972	1970	1971	1972	
AFRICA (cont'd)													
Libyan Arab Republic (cont'd)													
LIB/06/1/1	RP	6	Food and light industries - leather industry	-	-	-	-	1/6	-	-	-	3.4	-
ID/RP/06-3	RP	6	Food and light industries - tannery technology	-	-	-	-	1/8	-	-	-	4.0	-
9002-68	FIT	6	Industrial development and productivity - plants and oil development	1/10	-	-	-	-	-	-	-	24.0	-
Madagascar													
MAG/68/8	TA	12	Industrial investment promotion	1/12	1/12	-	-	-	-	-	-	24.0	24.0
MAG/68/9	TA	12	Industrial planning	1/11	1/6	-	-	-	-	-	-	22.0	13.0
MAG/01/1/1	RP	1	Engineering industries	-	1/3	-	-	-	-	-	-	-	6.0
MAG/05/1/2	RP	5	Fertilizer industry	-	1/6	-	-	-	-	-	-	-	3.4
ID/RP/06-3	RP	6	Food and light industries - agro-industrial training	-	-	-	-	1/3	-	-	-	2.2	-
ID/RP/11-4	RP	11	Industrial estates	-	-	-	-	1/6	-	-	-	3.4	-
67/154/Rev.1 MAG-4	SIS	6	Assistance to the Tulcar Vegetable Oil Company	2/13	-	-	-	2/12	2/12	-	-	34.4	10.0
68/420/Rev.1 MAG-7	SIS	4	Pulp and paper industry	-	-	-	-	-	-	-	-	35.0	-
69/551/Rev.1 MAG-12	SIS	11	Feasibility study of pilot industrial estate and small industries promotion	2/7	2/17	-	-	-	-	-	-	14.0	34.0
70/966 MAG-13	SIS	6	Assistance in promotion and marketing of fibreboard	-	1/4	-	-	-	-	-	-	-	8.0
9018-70	FIT	12	Industrial development and productivity	1/1.5	-	-	-	-	-	-	-	4.0	-
9022-70	FIT	12	Development of industrial productivity	1/6	1/6	-	-	-	-	-	-	12.4	12.4
Malawi													
MLM/11/1/1	RP	11	Small-scale industries	-	-	-	-	-	-	-	-	-	10.2
68/293 MLM-5	SIS	3	Assistance in establishment of a pottery industry	-	1/3	-	-	-	-	-	-	-	6.2
Mali													
MLI/69/3	TA	12	Assistance in the elaboration of the industrial development plan	1/12	1/5	-	-	-	-	-	-	24.0	10.0
MLI/06/1/1	RP	6	Food and light industries - leather production - textile industries	-	-	-	-	-	2/12	-	-	-	6.8
ID/RP/06-2	RP	6	Food and light industries - agro-industrial training	-	-	-	-	2/12	-	-	-	6.8	-

Region, country and project no.	Pro-gram	Group	Project title	Experts m/m			Fellows m/m			Cost (in '000 US\$)		
				1970	1971	1972	1970	1971	1972	1970	1971	1972
<p>carried out concurrently. Project activities will include preparation of plans to improve present transport and handling procedures, market studies, feasibility studies and, if appropriate, engineering studies for an FPC plant. The Plan of Operation has been drafted and a project manager is under recruitment.</p> <p>Approved: January 1970 UNDP: \$289,500 Duration: 1 year Gov't: \$65,000</p>												
MOR/13/1/1	EP	13	Industrial policies and financing	-	-	-	3/18	-	-	10.2	-	-
67/69/Rev.3 MOR-2	SIS	6	Assistance to the SOMAFAP Fish Protein Concentrate Plant	-	-	-	Equipment	20.0	-	-	-	-
67/208 MOR-4	SIS	2	Integrated project for the treatment of pyrrhotine kettara ashes for the recovery of copper and pelletizing of the iron oxide residue	-	-	-	Consulting firm	-	24.0	-	-	-
69/480 MOR-11	SIS	2	Iron ore pelletizing market study	1/2	-	-	-	-	5.0	-	-	-
69/692 MOR-13	SIS	5	Expansion of the phosphatic fertilizer industry	-	1/6	-	2/6	-	-	16.7	-	-
70/825 MOR-14	SIS	4	Exploratory mission to assess solar salt and rock salt industries	1/0.5	-	-	-	-	1.2	-	-	-
70/904 MOR-15	SIS	15b	Packaging survey mission	1/0.5	-	-	-	-	0.5	-	-	-
70/965 MOR-16	SIS	13	Investment promotion for specific industrial projects in African countries	2/1	-	-	-	-	2.5	-	-	-
Niger												
NER/68/22	TA	12	Industrial promotion (OPAS)	1/7	1/10	-	-	-	12.3	17.5	-	-
NER/03/1/1	EP	3	Building materials industries	-	-	-	2/6	-	-	4.4	-	-
70/899 NIG-7	SIS	13	Investment promotion for specific industrial projects in African countries	1/1	-	-	-	-	1.0	-	-	-
Nigeria												
NER/68/7	TA	12	Industrial programming	1/5	1/12	1/4	-	-	7.2	17.3	5.8	-
NER/69/20	TA	12	Industrial economic development - OPAS	-	1/12	1/12	-	-	-	21.0	21.0	-

Region, country and Project No.	Pre-Group	Project title	Reports n/m			Fellows n/m			Cost (in '000 US\$)		
			1970	1971	1972	1970	1971	1972	1970	1971	1972
<u>AFRICA (cont'd)</u>											
<u>Nigeria (cont'd)</u>											
NIR/06/1/1	RP	6 Food and light industries	-	-	-	-	2/12	-	-	6.8	-
NIR/09/1/2	RP	9 Industrial information and promotion	-	-	-	-	1/12	-	-	5.8	-
ID/RP-01-5	RP	1 Engineering industry	-	-	-	2/16	-	-	8.4	-	-
ID/RP-06-4	RP	6 Food industry	-	-	-	2/6	-	-	4.4	-	-
ID/RP-10-2	RP	10b Industrial training	-	-	-	3/18	-	-	10.2	-	-
68/338 NIR-10	SIS	10a Assistance to the midwest glass industry	1/10	1/2	-	-	-	-	13.0	3.0	-
69/633 NIR-12	SIS	1 Passenger car assembly	1/3	-	-	-	-	-	6.0	-	-
70/794 NIR-15	SIS	3 Techno-economic survey	-	-	-	-	-	-	-	-	-
70/858 NIR-16	SIS	1 Assistance to telecommunication and electronics industry	-	-	-	-	-	-	-	20.0	-
<u>People's Republic of the Congo</u>											
COB/68/13	TA	11 Industrial production	1/9	-	-	-	-	-	18.0	-	-
COM(B)/12/1/1	RP	12 Industrial programming	-	-	-	-	2/12	-	-	6.8	-
67/159/Rev.1 COM(B)-2	SIS	11 Study of industrial development of the Point Moire District	1/2	-	-	-	-	-	6.0	-	-
68/417/Rev.1 COM(B)-5	SIS	4 Assistance to the pulp and paper industry	-	-	-	-	-	-	28.0	-	-
70/839 COM(B)-6	SIS	4 Exploratory mission to prepare terms of reference for projects	1/0.25	-	-	-	-	-	1.0	-	-
<u>Rwanda</u>											
RMA-3	SP	5 Pilot plant for industrialization and pyrethrum production, Mukingo - Purpose: to assist the Government in the establishment and initial operation of a pilot plant for pyrethrum production with an annual capacity of 200 tons of extract. The project became operational in December 1968, and the project manager began his assignment in July 1969. Difficulties encountered in the preparatory work for construction of the pilot plant have now been resolved, and the work is proceeding	-	-	-	-	-	-	52.1	60.0	24.0
										10.0	12.0
										206.5	680.0

Region, country and project no.	Pre-Group	Group	Project title	Reports n/m			Fellows n/m			Cost (in '000 US\$)		
				1970	1971	1972	1970	1971	1972	1970	1971	1972
<p>under subcontract. A second project manager began his assignment in November 1970.</p> <p>Approved: January 1966 UMDP: \$1,459,500 Duration: 3 years Gov't: \$1,280,300</p>												
RMA/68/14	TA	11	Promotion of small-scale industries	-	1/12	1/12	-	-	-	24.0	24.0	24.0
RMA/04/1/1	RP	4	Chemicals, pharmaceuticals	-	-	-	-	1/6	-	-	3.7	-
RMA/10/1/2	RP	10b	Industrial training and management	-	-	-	-	1/6	-	-	3.4	-
ID/RP/05-4	RP	5	Petrochemical industries	1/12	-	-	-	-	-	24.0	-	-
68/308 RMA-5	SIS	11	Industrial estates at Kigali - small-scale industries	1/1	-	-	-	-	-	2.0	-	-
6A/328 RMA-11	SIS	6	Malt production	-	-	-	-	-	Consulting firm (1/2)	-	5.0	-
68/329 RMA-7	SIS	6	Fruit and vegetable processing	1/6	-	-	-	-	-	12.0	-	-
68/381/Rev.1 RMA-8	SIS	6	Assistance to the Ewanexco Blanket Factory	1/1	-	-	-	-	-	1.5	-	-
68/383 RMA-4	SIS	4	Industrial utilization of peat	-	1/1	-	-	-	-	-	2.0	-
69/409 RMA-16	SIS	5	Elaboration of technical and economic data necessary for possible construction of Prototype Unit for gas recovery and washing - Lake Kivu	-	-	-	-	-	Consulting firm	16.8	4.0	-
69/567 RMA-18	SIS	6	Animal feedstuff concentrates production and marketing	-	1/4	-	-	-	-	-	8.0	-
69/568 RMA-22	SIS	6	Rubber and plastic products manufacturing	-	1/3	-	-	-	-	-	6.0	-
69/569 RMA-25	SIS	6	Alcohol production and marketing	-	1/3	-	-	-	-	-	6.0	-
69/570 RMA-26	SIS	6	Assistance to tobacco industry	1/3	-	-	-	-	-	4.0	-	-
69/571 RMA-17	SIS	6	Vegetable oil production and marketing	1/1	1/4	-	-	-	-	2.0	8.0	-
69/572 RMA-23	SIS	4	Investigation of the development of pulp and paper industry in Rwanda	-	-	-	-	-	Consulting firm (1/3)	-	6.0	-
69/574 RMA-19	SIS	6	Feasibility of local textile manufacture	1/2	-	-	-	-	-	5.0	-	-
69/574 RMA-21	SIS	4	Assistance to Rwanda for the assessment of selected sectors of pharmaceutical and essential oils industries	1/0.25	-	-	-	-	-	1.2	-	-

AFRICA (cont'd)

Rwanda (cont'd)

RMA-3 (cont'd)

Region, country and project No.	Pre-Group	Group	Project title	Experts			Fellows			Cost (in '000 US\$)		
				1970	1971	1972	1970	1971	1972	1970	1971	1972
AFRICA (cont'd)												
Burundi (cont'd)												
69/575 BMA-24	SIS	6	Possibility study for establishing a match factory	1/2	-	-	-	-	-	4.0	-	-
69/686 BMA-28	SIS	6	Tobacco industry - feasibility study	1/2	-	-	-	-	-	4.0	-	-
Senegal												
SEN-14	SF	11	National Society for Industrial Studies and Promotion (SONEPI) - Purpose: to assist the Government in the establishment and initial operation of SONEPI as an effective instrument for industrial promotion, with special emphasis on assistance to small and medium-scale Senegalese industries. Operations began in December 1969 under pre-project allocation from UNDP. The project manager and one of the project experts carried out activities throughout 1970. The Plan of Operation is being prepared.							68.3	160.0	133.0
										-	10.2	6.8
										7.0	26.4	15.3
SEN/66/14	TA	14	Promotion of export-oriented industries	1/4	-	-	-	-	-	8.0	-	-
SEN/69/5	TA	2	Assistance to SAFAL - aluminium industry	1/12	-	-	-	-	-	24.0	-	-
SEN/06/1/2	BP	6	Food and light industries - milling techniques	-	-	-	-	1/6	-	-	3.4	-
SEN/08/1/1	BP	8	Industrial research and standardization	-	-	-	-	1/6	-	-	3.4	-
SEN/10/1/3	BP	10b	Industrial management and training	-	-	-	-	1/3	-	-	2.2	-
67/184 SEN-1	SIS	11	Thiba Industrial Estate - pre-investment	1/1	-	-	-	-	-	2.0	-	-
69/685 SEN-10	SIS	6	Assistance to the furniture industry - through SONEPI							-	8.0	-
70/905 SEN-11	SIS	13	Investment promotion for specific industrial projects in African countries - exploratory mission	1/0.25	-	-	-	-	-	0.7	-	-
Sierra Leone												
SIL/11/1/1	BP	11	Small-scale industries	-	-	-	-	1/6	-	-	3.4	-
SIL/13/1/2	BP	13	Industrial policies and financing	-	-	-	-	1/6	-	-	3.4	-

Region, country and project no.	Pre-Group	Project title	Experts m/m		Fellows m/m		Cost (in '000 US\$)			
			1970	1971	1972	1970	1971	1972		
AFRICA (cont'd)										
Sierra Leone (cont'd)										
ID/RP/09-2	RP	Industrial organization and administration	-	-	-	2/12	-	6.8	-	
67/378 SIL-2	SIS	Assistance in establishment of a national development bank	1/3	-	-	-	-	6.0	-	
Somalia										
SOM/68/21	TA	Industrial development	2/7	2/19	1/4	-	-	17.9	38.0	
SOM/05/1/1	RP	Fertilizer industry	-	-	-	-	1/3	-	2.2	
SOM/06/1/2	RP	Food and light industry	-	-	-	-	1/3	-	2.2	
SOM/12/1/3	RP	Industrial programming	-	1/6	-	-	-	-	12.0	
ID/RP/06-3	RP	Food and light industries	-	-	-	1/6	-	3.4	-	
ID/RP/11-2	RP	Small-scale industries	1/8	-	-	-	-	15.4	-	
69/627 SOM-8	SIS	Reorganization of development bank operations	1/3	1/3	-	-	-	6.0	6.0	
69/649 SOM-9	SIS	Industrial utilization of gypsum deposits	1/3	-	-	-	-	6.0	-	
70/879 SOM-11	SIS	Investment promotion for specific industrial projects	1/0.5	-	-	-	-	1.0	-	
70/926 SOM-12	SIS	Establishment and organization of Somali industrial development corporation	-	2/9	-	-	-	-	18.0	
70/1005 SOM-13	SIS	Exploratory mission	1/0.25	-	-	-	-	1.3	-	
2/6 Rev.2	GTF	Prototype foundry plant and machine shop	3/1	-	-	-	-	3.5	-	
			Other						0.9	-
Sudan										
SUD-12	SIF	Industrial Research Institute, Khartoum (Phase I) - Purpose: to promote industrial development through the application of industrial research and technology to the country's conditions and resources. The Institute, which became operational in April 1965, serves as a local source of information, assistance and advice on processes, standards and efficient techniques of industrial promotion and management. Operations have been continued in a second phase project (see below).	Experts		Fellows		Other (incl. equipment and subcontracting)		16.7	
			Experts		Fellows		Other (incl. equipment and subcontracting)		1.6	
			Experts		Fellows		Other (incl. equipment and subcontracting)		15.0	

Approved: June 1963 UNDP: \$748,900
Duration: 5 years Gov't: \$1,404,939

Region, country and project no.	Pre-Group	Project title	Experts		Fellows		Cost	
			1970	1971	1970	1971	1970	1971	1972
AFRICA (cont'd)								
Sudan (cont'd)								
SUD-41	SP	8 Industrial Research Institute, Khartoum (Phase II) - Purpose: to assist the Government in strengthening the facilities of the Institute for assistance to industry. The Plan of Operation was signed in November 1970. Approved: January 1970 UNDP: \$816,600 Duration: 4 years Gov't: \$1,603,000			Experts	111.6	209.4	165.3
					Fellows	-	34.8	-
					Other (incl. equipment and subcontracting)	2.0	121.7	3.4
SUD/69/5	TA	6 Food and light industry	1/6	-	1/12	-	18.4	-
SUD/06/1/1	RP	6 Food and light industries - agro-industrial development	-	-	-	1/6	-	3.4
SUD/11/1/2	RP	11 Small-scale industry	-	-	-	3/18	-	10.2
SUD/14/1/3	RP	14 Promotion of export-oriented industries	-	-	-	1/6	-	3.4
ID/06/06-3	RP	6 Food and light industries - oil seed industries - food chemistry	1/6	-	1/6	-	15.4	-
ID/06/08-5	RP	8 Industrial standardization	-	-	1/6	-	3.4	-
ID/06/12-4	PP	12 Industrial programming	1/8	-	-	-	15.4	-
68/262 SUD-8	SIS	6 Technical assistance to the Khartoum Tannery	2/4	1/5	-	-	10.0	12.0
68/326 SUD-15	SIS	13 Assistance to the Industrial Bank of Sudan	1/10	-	-	-	19.0	-
68/377 SUD-16	SIS	6 Survey of edible oils and fats industry	1/1.5	-	-	-	3.0	-
68/419 SUD-17	SIS	7 Industrial legislation - patents and industrial property	-	-	-	-	-	8.0
69/512 SUD-14	SIS	15a National industrial survey	-	4/25	-	-	-	50.0
69/550 SUD-18	SIS	11 Assistance and development of small industries	1/3	-	-	-	6.0	-
2/7 Rev.2	GTF	2 Prototype foundry plant and machine shop	2/0.5	-	-	-	0.6	-
					Other	-	0.9	0.1
Swaziland								
SWA/11/1/1	RP	11 Small-scale industries	-	-	-	1/6	-	3.4
69/677 SWA-1	SIS	15a Industrial survey	3/12	-	-	-	24.0	-
69/681 SWA-2	SIS	12 Assistance to programming industrial development	1/5	1/7	-	-	10.0	14.0

Region, country and project no.	Pro-gramme	Group	Project title	Experts m/m			Fellows m/m			Cost (in '000 US\$)			
				1970	1971	1972	1970	1971	1972	1970	1971	1972	
AFRICA (cont'd)													
Swaziland (cont'd)													
70/798	SMA-3	SIS	1	Exploratory mission on maintenance and repair facilities, services and needs	1/0.5	-	-	-	-	-	1.0	-	-
Togo													
TOG-12		SF	5	Fertilizer use, promotion, demonstration plant and production scheme, Lomé - Purpose: to assist, in association with FAO, the Government in launching an intensive fertilizer use campaign and in establishing a fertilizer demonstration plant with an annual capacity of 14,000 tons for the manufacture of single superphosphate.				Experts				54.2	54.2
								Fellows				6.8	6.8
								Other (incl. equipment and subcontracting)			34.5	400.0	210.0
TOG-19		SF	11	Small-scale industries and establishment of an industrial estate near Lomé - Purpose: to assist the Government in strengthening and expanding the national centre for the promotion of small and medium industries and in establishing an industrial estate near Lomé.				Experts				66.4	132.0
								Fellows				10.2	10.2
								Other (incl. equipment and subcontracting)				19.0	37.9
TOG/69/3		TA	12	Industrial development	1/12	1/11	-	-	-	-	24.0	22.0	-
TOG/06/1/3		RP	6	Food and light industries - food industries training	-	-	-	-	1/3	-	-	1.2	-
TOG/10/1/1		RP	10b	Industrial management and training	-	-	-	-	1/12	-	-	5.8	-
TOG/11/1/2		RP	11	Small-scale industries	-	-	-	-	1/6	-	-	3.4	-
ID/RP/04-4		RP	4	Chemical and pharmaceutical industries	-	-	-	-	1/6	-	3.4	-	-
ID/RP/06-3		RP	6	Food and light industries - cassava production - agro-industrial training	-	-	-	-	1/6	-	3.4	-	-
ID/RP/11-2		RP	11	Small-scale industries	1/6	-	-	-	-	-	11.6	-	-
67/166 TOG-1		SIS	6	Cassava agro-industrial complex	1/3	1/3	-	-	-	-	7.0	7.0	-
69/639 TOG-4		SIS	2	Establishment of a small demonstration foundry shop	1/4	-	-	-	-	-	8.0	-	-

Region, country and project no.	Pre-Group	Project title	Experts m/m		Fellows m/m		Cost (in '000 US\$)	
			1970	1971	1970	1971	1970	1971
AFRICA (cont'd)								
Togo (cont'd)								
69/642 TOG-2	SIS	2 Assistance for establishing steel rolling mill	1/2	-	-	-	4.0	-
69/682 TOG-5	SIS	6 Feasibility study in the field of the vegetable oil industry	-	1/3	-	-	-	6.0
70/822 TOG-8	SIS	6 Alcohol production and marketing expert	-	1/3	-	-	-	6.0
Tunisia								
TUN-15	SP	12 National centre for industrial studies - Purpose: to assist in the establishment and initial operation of a national centre for industrial studies. The centre will advise the Government on industrial programmes and policies, undertake technical and economic studies of specific industrial projects and prepare feasibility studies. The project became operational in August 1968.					128.5	169.1
							1.3	61.7
							15.2	85.0
								18.5
TUN-27	SP	1 Centre for the development of prototype tools - Purpose: to assist, in association with ILO, in the development of prototype production tools and to train personnel in toolmaking. The project manager began his assignment in September 1969. The Plan of Operation is under preparation, following extended negotiations to establish appropriate conditions for the centre.					26.2	80.0
								127.2
								25.2
							3.7	192.7
								7.5
TUN/70/1	TA	1 Production engineering	1/7	1/3	-	-	14.0	6.0
TUN/06/1/1	RP	6 Food and light industries - agro-industrial	-	-	-	2/2	-	5.2
TUN/08/1/2	RP	8 Industrial research and standardization	-	-	-	1/6	-	2.4
67/74 TUN-4	SIS	1 Societé de fenderie et de mécanique - SOFEMECA	1/5	-	-	-	10.0	-
70/747 TUN-13	SIS	6 Assistance to the leather industry	1/3	1/9	-	-	6.0	12.0
70/957 TUN-14	SIS	10b Assistance to mechanical workshops of Sahel	-	1/4	-	-	-	9.0
9013-70	FIT	12 Industrial programming	1/3	1/9	-	-	3.4	10.1

Region, country and project no.	Pre-Group	Project title	Experts m/m			Fellows m/m			Cost (in '000 US\$)		
			1970	1971	1972	1970	1971	1972	1970	1971	1972
AFRICA (cont'd)											
Uganda											
UGA-7	SP	11	Small industries development programme and establishment of an industrial estate, Kampala - Purpose: to assist the industry division of the Ministry of Industry and Commerce to establish facilities for servicing and developing small industries and in planning a demonstration industrial estate. The project became operational in July 1968, and internationally recruited experts are on station. Approved: January 1966 UNDP: \$746,400 Duration: 5 years Gov't: \$1,114,995			128.4	121.8	102.3	128.4	121.8	102.3
UGA/68/19	TA	12	1/4	1/12	1/8	-	1/6	-	8.0	27.7	16.0
UGA/06/1/1	RP	6	-	-	-	-	2/8	-	-	5.2	-
69/451/Rev.1 UGA-7	SIS	4	-	1/2	-	-	-	-	-	4.0	-
69/516 UGA-10	SIS	6	1/1	-	-	-	-	-	1.5	-	-
70/903 UGA-18	SIS	13	1/0.5	-	-	-	-	-	0.6	-	-
United Arab Republic											
UAR-55	SP	1	Engineering and industrial design development centre, Cairo - Purpose: to assist in the establishment and initial operation of an industrial design and product development centre. Products are to be adapted to local conditions to ease foreign exchange difficulties which have led to an acute shortage of spare parts and accessories. The project became operational in November 1968, and a team of experts has been at work since early 1969. Approved: January 1967 UNDP: \$1,035,100 Duration: 5 years Gov't: \$1,224,000			175.7	184.0	145.0	175.7	184.0	145.0
									2.0	40.0	26.0
										51.3	50.0
UAR-62	SP	6	Textile quality control centre, Alexandria - Purpose: to assist the Government to develop the existing laboratories of the Textile Consolidation Fund in Alexandria into a			21.2	100.8	100.8	21.2	100.8	100.8
									-	31.8	20.6

Region, country and project no.	Pro-Group	Project title	Experts m/a		Fellows m/a		Cost (in '000 US\$)			
			1970	1971	1972	1970	1971	1972	1970	1971	1972
AFRICA (cont'd)										
United Arab Republic (cont'd)										
UAR-62	(cont'd)	textile quality control centre. The project manager began his assignment in March 1970. The Plan of Operation is being prepared. Approved: June 1969 UNDP: \$745,400 Duration: 4 years Gov't: \$800,000								
UAR-63	SF	2 Central metallurgical research and development institute - Purpose: to assist the Government in establishing a central metallurgical research and development institute at Dokki, Cairo, to provide technical services to the ferrous and non-ferrous metal extracting and metal using industries. Approved: June 1970 UNDP: \$463,700 Duration: 2 years Gov't: \$3,370,000								
					Other (incl. equipment and subcontracting)			2.0	189.0	91.1
					Experts				113.4	113.4
					Fellows				28.6	46.0
					Other (incl. equipment and subcontracting)				67.6	46.0
UAR-69	SF	5 Demonstration pesticide production plant based on chlorine and bromine resources - Purpose: to assist the Government in establishing a pesticide production plant to demonstrate the utilization of chlorine and bromine which presently constitute valuable but wasted by-products of the chemical industry. The plant is to have an annual production of 1,000 short tons of bromine from bitterns, and 500 short tons of allyl chloride. In addition, there will be a bromination unit and a pesticide formulation and packaging unit. The project became operational in June 1969. Approved: January 1968 UNDP: \$1,053,600 Duration: 3 years Gov't: \$1,253,000								
					Experts			1.6	20.0	14.4
					Fellows				6.0	-
					Other (incl. equipment and subcontracting)				600.0	307.2
UAR/69/1	TA	1 Catgut manufacturing								12.0
UAR/69/2	TA	2 Science research - metal physics							2.7	-
					Equipment				4.0	-
UAR/69/8	TA	10b Quality control - certification marking and informative labelling - training - in-plant standardization							12.5	-
					Consulting firm (3/18)				-	36.0
UAR/69/10	TA	1 Repair and maintenance							10.0	26.0
					1/5 2/13				-	-

Region, country and project no.	Pre-Group	Project title	Experts n/m			Fellows n/m			Cost (in '000 US\$)		
			1970	1971	1972	1970	1971	1972	1970	1971	1972
AFRICA (cont'd)											
United Arab Republic (cont'd)											
UAR/69/12	TA 6	Tin lithographing and varnishing	-	1/3	-	-	-	-	-	6.0	-
UAR/69/24	TA 10b	Statistical quality control	-	1/3	-	-	-	-	-	6.0	-
UAR/69/25	TA 12	Evaluation of industrial projects	-	1/3	-	-	-	-	-	6.0	-
UAR/70/15	TA 8	Quality control of safety matches	-	-	-	1/3	-	-	2.4	-	-
UAR/70/18	TA 6	Biscuit production	-	-	-	1/3	-	-	2.4	-	-
UAR/70/23	TA 6	Hydrogenation and margarine production	-	-	-	-	1/3	-	-	1.4	-
UAR/02/1/1	RP 2	Metallurgical industries	-	-	-	-	2/12	-	-	6.8	-
UAR/06/1/2	RP 6	Food and light industries - leather production	-	-	-	-	2/12	-	-	6.8	-
UAR/10/1/3	RP 10b	Industrial training and management	-	-	-	-	2/12	-	-	6.8	-
ID/RF/01-7	RP 1	Maintenance organization	1/6	-	-	-	-	-	12.0	-	-
ID/RF/02-3	RP 2	Metallurgical industry	2/6	-	-	-	-	-	11.6	-	-
ID/RF/06-6	RP 6	Food and light industries - particle board industry	1/3	-	-	-	-	-	6.0	-	-
ID/RF/10-5	RP 10b	Industrial management	-	-	-	-	2/10	-	-	6.0	-
68/373 UAR-23	SIS 1	Repair and maintenance of technical apparatus and equipment at agricultural research stations	1/4	1/2	-	-	-	-	7.5	3.5	-
68/374 UAR-22	SIS 6	Assistance to the textile finishing industry	5/8	-	-	-	-	-	15.0	-	-
68/394 UAR-20	SIS 1	Assistance to the mechanical department of the Egyptian Railways	1/4	2/20	-	-	-	-	7.0	37.0	-
68/425 UAR-25	SIS 2	Assistance to Aswan Steel Project	-	-	-	-	-	-	-	22.0	-
68/426 UAR-26	SIS 2	Assistance to Aswan Steel Project	-	-	-	-	-	-	-	24.0	-
69/471 UAR-5	SIS 5	Phosphorus and phosphatic fertilizer complex	-	-	-	-	-	-	20.0	-	-
69/472 UAR-6	SIS 5	Ammonia and urea fertilizer project	1/1	-	-	-	-	-	3.0	-	-
69/549 UAR-23	SIS 4	Butanol-acetone by fermentation	1/4	1/2	-	-	-	-	8.0	4.0	-
69/558 UAR-29	SIS 1	Repair and maintenance facilities in bus transport industry	3/22	1/2	-	-	-	-	46.0	4.0	-
69/658 UAR-31	SIS 4	Assistance to Mirayon Company (cellophane film)	-	1/6	-	-	-	-	-	12.0	-

Region, country and Project No.	Pro-gramme	Group	Project title	Experts m/m			Fellows m/m			Cost (in '000 US\$)				
				1970	1971	1972	1970	1971	1972	1970	1971	1972		
AFRICA (cont'd)														
United Arab Republic (cont'd)														
69/680 UAR-15	SIS	1	High voltage transmission lines - design of insulation and local manufacture of accessories and hardware	2/2	2/2	-	-	-	4.0	4.0	-	-		
70/759 UAR-35	SIS	6	Processing of synthetic fibres on tow-to-top converters	Consulting firm									10.0	-
70/761 UAR-36	SIS	2	Metallurgical processing of ilmenite concentrates	1/0.5	-	-	-	-	0.7	-	-	-		
70/778 UAR-32	SIS	2	Assistance to foundry industry	-	1/9	-	-	-	-	-	18.0	-		
70/819 UAR-39	SIS	6	Quality control of leather and leather products	-	1/6	-	-	-	-	-	12.0	-		
70/827 UAR-37	SIS	14	Export products development	1/0.5	-	-	-	-	0.6	-	-	-		
70/857 UAR-40	SIS	6	Assistance to the furniture industry - quality control	-	1/6	-	-	-	-	-	12.0	-		
70/876 UAR-41	SIS	6	Assistance in production and quality control to the Nile Match Company	-	2/24	-	-	-	-	-	48.0	-		
70/878 UAR-42	SIS	3	Expert on establishment of research centre for refractories and building materials	-	1/2	-	-	-	-	-	4.0	-		
70/987 UAR-43	SIS	2	Preparatory mission for demonstration production and maintenance inventory control system of the Helwan Integrated Iron and Steelworks	1/0.25	-	-	-	-	0.5	-	-	-		
70/1014 UAR-44	SIS	2	Pilot plant scale tests on Bahariya iron ore for the production of sponge iron	Consulting firm									2.0	-
00/2	GTP	1	Machinery for repair of road transport equipment and mobile repair units	-	3/6	-	-	-	-	-	12.0	-		
00/6	GTP	1	Equipment for engineering and industrial design development centre	Other									0.1	-
00/7	GTP	1	Equipment for engineering and industrial design development centre	Other									2.6	0.4
1/11	GTP	1	Two-man mission for identification on technical assistance in the establishment of stationary workshops for maintenance and repair of buses	2/4	-	-	-	-	2.8	-	-	-		

Region, country and project no.	Pre-Group	Project title	Experts		Fellows		Cost	
			1970	1971	1970	1971	1970	1971	1972
			m/m	m/m	m/m	m/m	(in '000 US\$)	
AFRICA (cont'd)								
United Arab Republic (cont'd)								
2/8	GTF	Laboratory scale metallurgical investigations of the processing of ilmenite concentrates to TiO ₂ rich slag, pig iron and titanium-tetrachloride	-	-	-	-	11.1	55.6
2/15	GTF	Feasibility study of industrialization of ilmenitic ore deposits	-	6/3	-	-	-	9.0
8/5	GTF	Expert assistance to the Nile Match Company	-	-	-	-	-	46.6
9005-69	PIT	Interpreter for Special Fund Project UAR-55	1/12	1/7	-	-	0.02	26.9
							24.0	14.0
United Republic of Tanzania								
TAN-10	SF	Industrial studies and development centre, Dar-es-Salaam - Purpose: to advise the Government on industrial policy and organization; to assist in the investigations necessary for better utilization of the country's natural resources; to prepare industrial feasibility studies and advise on the implementation of projects; to provide industrial extension services; and to advise on regional aspects of industrial projects. The extension of assistance was requested to complete the training of national counterparts and supplementary earmarking was given in January 1969.					209.0	82.6
							4.0	18.4
							11.6	23.2
TAN/69/4	TA	Assistance to National Development Corporation - OPAS	-	1/12	1/12	-	-	15.3
TAN/06/1/1	RP	Food and light industries - wood processing	-	-	-	1/6	-	3.4
TAN/11/1/2	RP	Small-scale industries	-	-	-	1/6	-	3.4
ID/RP/10-3	RP	Industrial management - specific industrial management subjects for managers and higher level technical personnel of nationalized industries	-	-	-	3/15	-	9.0
1/16	GTF	Two mobile repair and maintenance workshops for agricultural machinery and implements					20.9	63.1

Region, country and project no.	Pro-gramme	Group	Project title	Experts n/a		Fellows n/a		Cost (in '000 US\$)			
				1970	1971	1972	1970	1971	1972	1970	1971	1972
AFRICA (cont'd)											
United Republic of Tanzania (cont'd)											
2/12	GTP	2	Techno-economic evaluation of titani-ferrous iron ores		Other				51.0	-	-
Upper Volta											
UPV/68/20	TA	11	Small- and medium-scale industries	1/9	1/12	1/12	-	-	18.0	24.0	24.0
UPV/06/1/1	RP	6	Food and light industries	-	1/6	-	-	-	-	12.0	-
ID/RP/06-2	RP	6	Food and light industries	-	-	-	1/6	-	3.4	-	-
69/505 UPV-4	SIS	6	Programme of agro-industrial development - Phase I	1/3	-	-	-	-	6.0	-	-
69/529 UPV-11	SIS	1	Dry battery plant pre-investment study	1/1	-	-	-	-	2.0	-	-
69/637 UPV-13	SIS	11	Feasibility study of a pilot industrial estate at Qnagedougou	1/2	1/4	-	-	-	4.0	8.0	-
69/688 UPV-14	SIS	6	Modern milling techniques	1/1	-	-	-	-	2.0	-	-
70/786 UPV-15	SIS	1	Survey of maintenance and repair facilities, services and needs	1/2	-	-	-	-	4.0	-	-
70/828 UPV-16	SIS	1	Market and feasibility study on enamelled holloware	-	1/1	-	-	-	-	2.0	-
Zambia											
ZAM-5	SF	11	Development of small-scale industries - Purpose: to assist the Industrial Development Corporation of Zambia (INDECO) in the development of small-scale enterprises and to provide a base for the continued expansion of small-scale industries and services under indigenous national entrepreneurship and management. The Plan of Operation was signed in November 1970. The project manager has been recruited. Approved: June 1969 UNDP: \$608,400 Duration: 3 years Gov't: \$294,000		Experts				25.4	206.5	136.1
					Fellows				-	17.0	7.2
					Other (incl. equipment and subcontracting)				2.0	33.2	7.2
ZAM/68/15	TA	12	Assistance to Industrial Development Corporation	1/12	-	-	-	-	24.0	-	-
ZAM/10/1/1	RP	10b	Industrial management	-	-	-	-	2/8	-	-	5.2

Region, country and project no.	Pre-Programme	Group	Project title	Experts n/m			Fellows n/m			Cost (in '000 US\$)		
				1970	1971	1972	1970	1971	1972	1970	1971	1972
<u>AFRICA (cont'd)</u>												
<u>East African Community</u>												
EAC/68/11	TA	12	Industrial unit (OPAS)	1/12	1/12	1/9	-	-	-	18.0	18.0	14.7
EAC/69/1	TA	15a	Development bank - industrial investment study unit	2/22	2/2	-	-	-	-	44.0	4.0	-
EAC/70/4	TA	15a	Industrial unit in industrial policy measures and industrial economic and statistical analysis	-	2/12	-	-	-	-	-	24.0	-
<u>The Maghreb Countries</u>												
REG-72	SP	12	Centre of industrial studies for the Maghreb - Purpose: to assist in the establishment and initial operation of a centre for industrial studies for the Maghreb Countries (Algeria, Morocco and Tunisia). The centre is to prepare general industrialization surveys at the request of the participating countries. The project became operational in February 1968.	Experts	.....	.....	.....	.....	.....	125.4	250.0	250.0
				Fellows	.....	.....	.....	.....	.....	-	13.8	20.4
				Other (incl. equipment and subcontracting)	.....	.....	.....	.....	.....	32.3	100.0	40.0
<u>Regional</u>												
REG-43	SP	13	African Development Bank: pre-investment unit - Purpose: to provide an industrial development adviser. UNIDO is associated with this project, for which the United Nations is executing agency. The project became operational in March 1967.	Experts	.....	.....	.....	.....	.....	-	23.1	23.1
				Approved: January 1967	UNDP: \$2,993,000							
				Duration: 5 years	Gov't: \$1,040,000							
REG-182	SP	15a	East African Development Bank: industrial studies unit - Purpose: to assist the East African Community in establishing an industrial studies unit at the East African Development Bank which will lead to the identification of industrial investment opportunities within the framework of the Community's objectives. The project will continue activities begun with SIS assis-	Experts	.....	.....	.....	.....	.....	-	75.0	81.0
				Fellows	.....	.....	.....	.....	.....	-	8.7	8.7
				Other (incl. equipment and subcontracting)	.....	.....	.....	.....	.....	-	10.0	12.5

Region, country and project no.	Pre-Group	Group	Project title	Reports n/m			Fellows n/m			Cost (in '000 US\$)		
				1970	1971	1972	1970	1971	1972	1970	1971	1972
<p>tance. The Plan of Operation is being prepared.</p> <p>Approved: January 1971 UNDP: \$303,000 Duration: 3 years Gov't: \$267,000</p>												
AFR/69/3	TA	6	Training workshop for personnel engaged in industrialization	3/1	-	-	14/4	-	-	10.3	-	-
			Other							0.7		
AFR/69/4	TA	6	Training workshop for managerial staff of chambers of industry	4/2	-	-	10/2	-	-	10.0	-	-
AFR/69/9	TA	11	Training workshop on extension services for small-scale industry in the West and East African subregions	-	-	-	26/13	-	-	18.2	-	-
			Other							1.8		
AFR/69/25	TA	6	Seminar on the development of leather industries in Africa	-	6/3	-	-	20/10	-	-	32.0	-
			Other							-	5.0	-
AFR/02/1/1	RP	2	Metallurgical industries	-	1/12	-	-	-	-	-	27.0	-
AFR/04/1/2	RP	4	Chemical industries	-	1/12	-	-	-	-	-	27.0	-
AFR/06/1/3	RP	6	Food and light industries - regional adviser, mechanical forest industries	-	1/12	-	-	-	-	-	27.0	-
AFR/12/1/4	RP	12	Formulation and implementation of industrial projects	-	1/12	-	-	-	-	-	27.0	-
AFR/13/1/5	RP	13	Industrial promotion	-	1/12	-	-	-	-	-	27.0	-
ID/RP/02-7	RP	2	Metallurgical industries	1/12	-	-	-	-	-	24.5	-	-
ID/RP/04-8	RP	4	Chemical industries	1/12	-	-	-	-	-	24.5	-	-
ID/RP/06-9	RP	6	Food and light industries - regional adviser, mechanical forest industries	1/12	-	-	-	-	-	24.5	-	-
			Other							24.5	-	-
ID/RP/11-13	RP	11	Small-scale industries - intermediate technology group	-	-	-	-	-	-	20.0	-	-
ID/RP/12-12	RP	12	Promotion of specific industrial projects in Africa	1/1	-	-	-	-	-	2.3	-	-
ID/RP/12-14	RP	12	Industrial programming	1/8	-	-	-	-	-	16.5	-	-
ID/RP/13-10	RP	13	Industrial promotion	1/12	-	-	-	-	-	24.5	-	-

AFRICA (cont'd)

Regional (cont'd)

RFC-182 (cont'd)

Region, country and Project No.	Pro- gramme	Group	Project title	Experts n/m			Fellows n/m			Cost (in '000 US\$)			
				1970	1971	1972	1970	1971	1972	1970	1971	1972	
THE AMERICAS (cont'd)													
Argentina (cont'd)													
ARG/01/1/1	RP	1	Engineering industries	-	-	-	1/6	-	-	3.4	-	-	
ARG/06/1/2	RP	6	Food and light industries	-	-	-	2/8	-	-	5.2	-	-	
ID/RP/04-4	RP	4	Chemical and pharmaceutical industries	1/3	-	-	-	-	-	6.0	-	-	
ID/RP/06-3	RP	6	Food industries	-	-	-	2/12	-	-	6.8	-	-	
67/206 ARG-2	SIS	6	Food industry development	1/12	-	-	-	-	-	24.0	-	-	
67/474 ARG-8	SIS	6	Footwear industry production and management	1/4	-	-	-	-	-	7.0	-	-	
68/286 ARG-6	SIS	2	Assistance in the establishment of an aluminium industry	-	-	-	-	-	Consulting firm (1/5)	25.2	-	-	
70/946 ARG-14	SIS	12	Industrial planner	1/1	-	-	-	-	-	2.0	-	-	
Barbados													
BAR/70/3(NF)	TA	10b	Industrial management adviser	1/5	-	-	-	-	-	10.0	-	-	
BAR/11/1/1	RP	11	Small-scale industries	-	-	-	1/3	-	-	-	2.2	-	
69/515 BAR-2	SIS	10b	Industrial management	1/1	-	-	-	-	-	2.0	-	-	
70/733 BAR-3	SIS	10b	Industrial management	1/6	-	-	-	-	-	12.0	-	-	
Bolivia													
BOL-20	SP	3	Experimental production plant for asbestos processing - Purpose: to assist in the establishment of a pilot plant for experimental production of asbestos. The plant is to develop economic processing and sizing techniques for crocidolite ore and to stimulate investment by developing the national and export markets for asbestos and asbestos by-products. Project activities began in May 1968 under a partial allocation from UNDP; the project manager began his assignment in July 1968. The Plan of Operation was signed in September 1969, and the project became fully operational in February 1970. An initial study has been completed under subcontract.	1/5	-	-	-	-	-	33.9	38.7	25.7	
											10.0	-	
											25.3	237.6	234.5
BOL/70/4	TA	3	Ceramics industry	1/5	1/7	-	-	-	-	10.0	14.0	-	

Region, country and Project No.	Pre- Group	Project title	Experts n/m		Fellows n/m		Cost (in '000 US\$)		
			1970	1971	1972	1970	1971	1972	
THE AMERICAS									
Brazil (cont'd)									
BRA/69/19	TA	1 Assistance to national design centre	-	1/6	-	-	-	12.0	-
BRA/69/23	TA	8 Metrology	1/11	-	-	-	22.0	-	-
BRA/70/1	TA	12 Industrial programming (SUDZIE) - preparatory mission	1/1	-	-	-	2.0	-	-
BRA/02/1/1	BF	2 Metallurgical industries - non-ferrous metals	-	-	-	2/12	-	6.8	-
BRA/06/1/2	BP	6 Food and light industries - footwear industry	-	-	-	1/6	-	3.4	-
ID/FP/11-6	RP	11 Consultations in connexion with Special Fund Project BRA-44	2/0.5	-	-	-	2.5	-	-
67/227 BRA-4	SIS	10b Assistance to the commission for industrial development	1/4	-	-	-	9.2	-	-
67/238 BRA-8	SIS	10b Corporate financial planning - Petrobras	1/5	-	-	-	10.0	-	-
68/312 BRA-14	SIS	11 Assistance in the establishment of industrial estates	1/3	-	-	-	4.5	-	-
68/434 BRA-15	SIS	11 Assistance for the development of small and medium-scale industries	1/5	-	-	-	2.5	-	-
69/501 BRA-17	SIS	12 Industrial programming	1/9	-	-	-	18.8	-	-
69/662 BRA-24	SIS	2 Aluminium silicon alloy production	1/2.5	1/1	-	-	6.4	0.4	-
69/684 BRA-25	SIS	4 Evaluation of the expansion plan of Companhia Nacional de Alcalis - production of salt and soda ash	1/2	1/2	-	-	4.0	4.0	-
70/723 BRA-27	SIS	9 Technical information services designer	1/2	-	-	-	4.0	-	-
70/731 BRA-26	SIS	14 Metallworking - expert promotion	-	6/30	-	-	-	60.0	-
70/757 BRA-30	SIS	14 Export promotion - exploratory mission to the Northeast of Brazil	1/0.5	-	-	-	1.5	-	-
70/787 BRA-28	SIS	12 Mission on industrial project implementation	3/2	-	-	-	6.0	-	-
70/788 BRA-29	SIS	2 Study of the possibilities for development of metallurgical industries in the State of Bahia	-	-	-	Consulting firm (3/6)	-	11.0	-
70/789 BRA-31	SIS	6 Assistance to the Brazilian shoe industry - shoe production expert	-	-	-	Consulting firm	14.0	20.0	-
70/789 BRA-31	SIS	14 Assistance to the Brazilian shoe industry - shoe export marketing	-	-	-	Consulting firm	7.5	7.5	-

Region, country and project no.	Pro-gramme	Group	Project title	Experts m/m			Fellows m/m			Cost (in '000 US\$)		
				1970	1971	1972	1970	1971	1972	1970	1971	1972
THE AMERICAS (cont'd)												
Brazil (cont'd)												
70/837	BRA-33	6	Reorganization of traditional textile industry - exploratory mission	2/1.5	-	-	-	-	-	4.0	-	-
70/900	BRA-35	6	Reorientation of the textile industry	9/6.5	-	-	Consulting firm	-	-	150.0	-	-
70/991	BRA-32	10b	Industrial management clinic	-	1/12	-	-	-	-	9.7	-	-
70/1018	BRA-38	6	Reorientation of the textile industry	1/1.5	-	-	-	-	-	24.0	-	-
9005-68		11	Industrial estates	1/3	-	-	-	-	-	0.7	-	-
British Honduras												
69/553	BHH-1	3	Establishment of a lime industry	1/3	-	-	-	-	-	6.0	-	-
Chile												
CHI-22		11	Department of small industries - Purpose: to provide the services of an industrial estate expert for this project, which is being executed by ILO in association with UNIDO.				Expert			21.1	21.1	-
CHI-39		1	Metalworking industry testing centre, Santiago - Purpose: to assist in the establishment of standardization and quality control of fabricating materials and manufactured products of the metalworking industry. The project Plan of Operation was signed in November 1970. Project activities began in July 1968 under preliminary operations. The project manager began his assignment in April 1970.				Experts			15.2	86.1	101.3
			Approved: January 1966 UNDP: \$1,036,000 Duration: 5 years Gov't: \$6,597,000				Fellows			5.2	10.4	-
							Other (incl. equipment and subcontracting)			102.0	140.0	101.7
CHI/68/5		2	Manufacturing of capital goods - quality control of rolled steel plates - industrial development adviser	2/16	-	-	-	-	-	2.0	-	-
CHI/05/1/1		5	Petrochemical industries - plastic products	-	-	-	-	2/12	-	-	6.8	-
CHI/10/1/2		10b	Industrial management	-	-	-	-	1/5	-	-	3.0	-
ID/RP/04-3		4	Chemical industries - technological research pulp and paper industries consultant	1/3	-	-	-	-	-	1.8	-	-

Region, country and project no.	Pro-gramme	Group	Project title	Experts n/m				Fellows n/m				Cost (in '000 US\$)		
				1970	1971	1972	1970	1971	1972	1970	1971	1972		
<u>THE AMERICAS (cont'd)</u>														
<u>Costa Rica (cont'd)</u>														
	COS/05/1/1	RP	9 Industrial information	-	-	-	-	1/6	-	-	-	-	-	-
	ID/RP/12-2	RP	12 Industrial programming	-	-	-	1/6	-	-	-	-	-	-	-
	70/886 COS-2	SIS	6 Assistance to the footwear industry	-	1/6	-	-	-	-	-	-	-	-	-
	70/1027 COS-3	SIS	6 Exploratory mission for the establishment of a programme of technical assistance to the wood processing industries	1/0.5	-	-	-	-	-	-	-	1.0	-	-
<u>Cuba</u>														
	CUB/69/3	TA	4 Industrialization of sugar cane derivatives	1/2	1/1	-	-	-	-	-	-	4.0	2.0	-
	CUB/02/1/2	RP	2 Metallurgical industries	-	-	-	-	1/4	-	-	-	-	2.0	-
	CUB/05/1/1	RP	5 Fertilizer, pesticides and petrochemicals	-	-	-	-	1/3	-	-	-	-	2.0	-
	CUB/05/1/3	RP	5 Petrochemical industries	-	-	-	-	1/5	-	-	-	-	3.0	-
	CUB/10/1/4	RP	10b Industrial management and training - integrated system of management in building materials industries	-	-	-	-	1/6	-	-	-	-	3.4	-
	ID/RP/04-2	RP	4 Chemical industries	1/6	-	-	-	-	-	-	-	11.0	-	-
	69/479 CUB-1	SIS	4 Assistance to pulp and paper industry	1/9	1/3	-	-	-	-	-	-	18.0	6.0	-
<u>Dominica</u>														
	DMI/69/2	TA	11 Small-scale industries	1/5	-	-	-	-	-	-	-	10.0	-	-
<u>Dominican Republic</u>														
	DOM/68/7	TA	10a Industrial development - assistance to CORDE - budget programming	1/8	-	-	-	-	-	-	-	16.0	-	-
		12	Industrial development - assistance to CORDE - industrial development	1/12	-	-	-	-	-	-	-	24.0	-	-
	DOM/68/8	TA	11 Development of small and medium-scale industries	1/12	1/12	1/12	-	-	-	-	-	24.0	24.0	24.0
	DOM/06/1/1	RP	6 Food and light industries - flax board industry	-	-	-	-	1/6	-	-	-	-	3.4	-
	DOM/13/1/2	RP	13 Industrial policies and financing	-	-	-	-	1/6	-	-	-	-	3.4	-
	ID/RP/11-2	RP	11 Small-scale industries	-	-	-	2/12	-	-	-	-	6.8	-	-
	68/327 DOM-6	SIS	10b Assistance to the public enterprises corporation	1/2.5	-	-	-	-	-	-	-	5.0	-	-

Region, country and project no.	Pro-Group	Project title	Experts			Fellows			Cost (in '000 US\$)
			1970	1971	1972	1970	1971	1972	
THE AMERICAS (cont'd)									
Dominican Republic (cont'd)									
69/496 DOM-7	SIS	6 Assistance to the integrated cotton mill "Sacos y Tejidos Dominicanos"	-	2/24	-	-	-	-	48.0
69/620 DOM-8	SIS	6 Assistance in the field of food technology	1/1	1/2	-	-	-	2.0	4.0
69/632 DOM-10	SIS	1 Complex service team in maintenance and repair of industrial equipment	1/5	2/7	-	-	-	10.0	14.0
9002-69	FIT	4 Industrial development - chemical engineer (associate expert)	-	1/10	-	-	-	9.9	-
Ecuador									
ECU/69/9	TA	12 Industrial promotion	-	1/8	-	-	-	-	16.0
ECU/69/12	TA	11 Industrial estates	-	1/5	1/6	-	1/6	-	13.7
ECU/10/1/1	RP	10b Industrial management and training	-	-	-	-	2/12	-	6.8
67/101 ECU-2	SIS	11 Advisory mission - industrial estates	-	1/3	-	-	-	-	7.0
68/302 ECU-5	SIS	6 Assistance in the reorganization of the textile industry sector	-	-	-	-	Consulting firm (4/12)	48.0	-
68/376 ECU-7	SIS	10b Assistance to the Centre de Desarrollo (CENDES) industrial management	1/6	1/6	-	-	-	11.0	11.0
68/388 ECU-6	SIS	6 Assistance to the fruit processing industry	1/4	-	-	-	-	6.4	-
70/820 ECU-11	SIS	4 Industrialization of selected derivatives from botanicals in Ecuador	-	1/12	-	-	-	-	24.0
70/838 ECU-10	SIS	4 Improvement of salt operations of COORISA (Co-operativa de Refinadores de Sal)	-	1/6	-	-	-	-	12.0
70/913 ECU-12	SIS	2 Foundry industry	-	1/6	-	-	-	-	12.0
XBO-810	FIT	12 Industrial development and productivity	1/12	1/1	-	-	-	16.5	1.4
El Salvador									
ELS/68/6	TA	11 Small-scale industries	1/7	-	-	-	-	14.0	-
ELS/09/1/1	RP	9 Industrial information	-	-	-	-	1/6	-	3.4
ID/RP/11-2	RP	11 Small-scale industries	-	-	-	-	1/6	-	3.4
69/628 ELS-5	SIS	8 Assistance in industrial consultancy	-	1/6	-	-	-	-	12.0
69/664 ELS-4	SIS	10c Industrial management advisory and problem solving mission in cotton textile industry	4/6	-	-	-	-	12.0	-
70/661 ELS-9	SIS	8 Assistance to the reorganization of INSAFI	-	3/36	-	-	-	-	72.0

Region, country and ID/REP No.	Pre- Group	Project title	Experts n/m			Fellows n/m			Cost (in '000 US\$)		
			1970	1971	1972	1970	1971	1972	1970	1971	1972
THE AMERICAS (cont'd)											
Guatemala											
GUA/01/1/1	EP	1 Engineering industries - repair and maintenance	-	-	-	-	2/6	-	-	4.4	-
ID/EP/12-2	EP	12 Industrial programming	-	-	-	1/4	-	-	2.6	-	-
GUYANA											
GUY/11/1/1	EP	11 Small-scale industries	-	-	-	-	1/12	-	-	5.8	-
68/355/Nov.1 GUY-3	SIS	6 Assistance to Guyana Marketing Corporation	-	1/6	-	-	-	-	-	12.0	-
Haiti											
HAI/68/8	TA	4 Essential oils and fats production	1/9	-	-	-	-	-	18.0	-	-
HAI/06/1/1	EP	6 Food and light industries	-	-	-	-	1/6	-	-	3.4	-
HAI/12/1/2	EP	12 Industrial programming	-	-	-	-	1/6	-	-	3.4	-
7C/974 HAI-3	SIS	11 Organization and management of industrial estates	-	1/10	-	-	-	-	-	20.0	-
Honduras											
HON/68/3	TA	12 Industrial development and productivity	1/12	-	-	-	-	-	24.0	-	-
HON/11/1/1	EP	11 Small-scale industries	-	-	-	-	1/6	-	-	3.4	-
ID/EP/06-2	EP	6 Wood processing - secondary wood processing technology	-	-	-	1/6	-	-	3.4	-	-
69/557 HON-2	SIS	6 Assistance to the fruit processing industry	1/6	-	-	-	-	-	12.0	-	-
70/755 HON-5	SIS	5 Exploratory mission to the pesticides industry	1/0.75	-	-	-	-	-	2.0	-	-
70/767 HON-4	SIS	11 Assistance to industrial estates	1/4	1/2	-	-	-	-	8.0	4.0	-
Jamaica											
JAN/69/1	TA	11 Industrial management - Things Jamaican Ltd. (OPAS)	-	1/12	1/5	-	-	-	-	18.6	7.8
JAN/69/2	TA	10b Industrial management and maintenance systems	1/12	1/12	1/12	-	-	-	24.0	24.0	24.0
JAN/09/1/1	EP	9 Industrial information	-	-	-	-	1/6	-	-	3.4	-
JAN/10/1/2	EP	10b Industrial management and training	-	-	-	1/6	-	-	3.4	-	-
ID/EP/06-3	EP	6 Assistance to sugar industry	-	-	-	-	-	-	34.0	-	-
ID/EP/11-2	EP	11 Small-scale industries	-	-	-	-	1/6	-	3.4	-	-

Region, country and project no.	Pre-Group	Group	Project title	Experts #/m		Fellows #/m		Cost (in '000 US\$)		
				1970	1971	1972	1970	1971	1972	1970	1971	1972
THE AMERICAS (cont'd)										
Jamaica (cont'd)										
69/562 JAN-6	SIS	1	Industrial promotion of the chemical, electrical and metal industries - electric and electronic industries - metal industries	2/19	1/4	-	-	38.0	8.0	-
9016-70 (XBO-427)	FIT	4	Industrial promotion of the chemical, electrical and metal industries - chemical industries	1/10	1/2	-	-	20.0	4.0	-
9016-70 (XBO-427)	FIT	6	Industrial development and productivity - footwear production	1/11	-	-	-	22.4	-	-
Mexico										
MEX/69/16	TA	12	Economic research on productivity	-	2/24	-	-	-	48.0	-
MEX/70/20	TA	2	Steel study tour to Japan	-	-	1/1	-	1.5	-	-
MEX/06/1/1	EP	6	Food and light industries - agro-industrial development	-	-	-	1/6	-	3.4	-
MEX/11/1/2	EP	11	Industrial estates	-	-	-	1/6	-	3.4	-
69/598 MEX-2	SIS	11	Industrial development areas and industrial estates at Guadaluajara, Jalisco	1/8	1/4	-	-	16.0	8.0	-
70/865 MEX-3	SIS	1	Programming of machinery production and exports - exploratory mission - mechanical engineer	1/0.75	-	-	-	1.5	-	-
		12	Programming of machinery production and exports - exploratory mission - industrial programmer	1/0.75	-	-	-	1.5	-	-
		14	Programming of machinery production and exports - exploratory mission - industrial economist/engineer	1/0.75	-	-	-	1.5	-	-
Nicaragua										
NIC/03/1/1	EP	3	Building material industries - glass industry	-	-	-	2/6	-	4.4	-
ID/NP/12-2	EP	12	Industrial programming	-	-	1/6	-	3.4	-	-
67/109/Nov.2 NIC-1	SIS	5	Petrochemical complex - low density polyethylene and polyvinyl chloride	1/1	-	-	-	2.0	-	-
69/624 NIC-3	SIS	5	Fertilizer project - ammonia/urea complex fertilizers	1/1	1/3	-	-	2.0	6.0	-

Region, country and project no.	Program	Group	Project title	Experts n/a			Fellows n/a			Cost (in '000 US\$)		
				1970	1971	1972	1970	1971	1972	1970	1971	1972
THE AMERICAS (cont'd)												
Nicaragua (cont'd)												
70/742 NIC-4	SIS	3	Assistance in the development of the glass industry				Consulting firm (1/6)				24.0	-
70/849 NIC-5	SIS	5	Exploratory mission on assistance to the plastics industry	3/1.5	-	-	-	-	-	-	4.5	-
70/1035 NIC-7	SIS	6	Central American school for training in textiles - exploratory mission - textile technologist	1/1	-	-	-	-	-	-	2.0	-
		10a	Central American school for training in textiles - exploratory mission - training specialist - management consultant	2/2	-	-	-	-	-	-	4.0	-
PANAMA												
PAN/06/1/1	BP	6	Food and light industries - shoe manufacture	-	-	-	-	1/6	-	-	-	3.4
69/546 PAN-1	SIS	3	National laboratory of standards - exploratory mission	-	-	-	Consulting firm	-	-	-	2.0	-
69/651 PAN-2	SIS	4	Assistance to solar salt industry	1/3	1/3	-	-	-	-	-	6.0	6.0
69/698 PAN-3	SIS	5	Assistance to fertilizer industry	1/4	-	-	-	-	-	-	8.0	-
PANAMA												
PAN-8	SP	8	National Technical Standards Institute - Purpose: to assist in the establishment and initial operation of a national technical standards institute which will prepare standards of quality and research methods of quality control, with particular reference to the major export products. The Institute became operational in October 1964; the first phase project ended in 1970.								86.5	-
											10.7	-
											19.2	-
PANAMA												
PAN-22	SP	8	National Institute of Technology and Standards (Phase II) - Purpose: to assist the Government in strengthening the National Institute of Technology and Standards in those fields which have shown promise of early industrial application as a result of activities undertaken in								16.0	217.9
											-	17.4
											2.0	110.0
											-	10.0

Approved: May 1962 UNDP: \$543,900
Duration: 5 years Gov't: \$506,776

Region, country and subsector	Pre-group	Group	Project title	Experts			Fellows			Cost		
				1970	1971	1972	1970	1971	1972	1970	1971	1972

THE AMERICAS (cont'd)
PARAGUAY (cont'd)
PAB-22 (cont'd)

the first phase of the project. Particular attention will be given to the wood industry. In addition, feasibility studies will be undertaken for the food industry and assistance, in the form of expert services or consultants, will be provided in the fields of textiles and construction equipment.

Approved: June 1970 UNDP: \$776,200
Duration: 3½ years Gov't: \$742,000

PAB/69/1	TA	13	Industrial policies and programming	-	1/6	-	-	-	-	-	12.0	-
PAB/03/1/1	BP	3	Construction and building materials	-	-	-	1/8	-	-	-	4.2	-
ID/EP/06-4	BP	6	Food and light industries - tropical fruit processing technology	-	-	-	2/18	-	-	9.2	-	-
69/494 PAB-4	SIS	6	Assistance to the Paraguay wood processing industry - through the National Technical Standards Institute	1/2	-	-	-	-	-	4.0	-	-
69/543 PAB-5	SIS	13	Industrial policies and programming	-	1/6	-	-	-	-	-	12.0	-
70/985 PAB-7	SIS	1	Assistance to the Government on the need and feasibility of establishing a centre of metals technology	1/0.75	-	-	-	-	-	2.0	-	-
9017-70	FIT	6	National Institute of Technology and Standards - wood properties (German associate expert)	1/6	1/6	-	-	-	-	13.4	13.4	-
Peru												
PER/69/2	TA	1	Shipbuilding industry	2/15	1/9	-	-	-	-	30.0	12.0	-
PER/70/6	TA	8	Study tour fellowships - industrial research centre	-	-	-	2/2	-	-	1.6	-	-
PER/05/1/1	BP	5	Chemical industry - chemical and petrochemical industries development	-	-	-	-	-	1/12	-	5.8	-
ID/EP/06-3	BP	6	Food and light industries - agro-industrial seminar	2/0.5	-	-	-	-	-	1.1	-	-
ID/EP/12-3	BP	12	Long-range programme for technical assistance to Peru - three government officials, UNDP resident representative	4/2	-	-	-	-	-	6.5	-	-

Region, country and Project No.	Pre- Group	Project title	Experts n/m			Fellows n/m			Cost (in '000 US\$)		
			1970	1971	1972	1970	1971	1972	1970	1971	1972
<u>THE AMERICAS (cont'd)</u>											
<u>PERU (cont'd)</u>											
ID/RP/13-2	RP	13	-	-	-	2/12	-	-	6.8	-	-
67/161 PER-2	SIS	4	-	-	-	-	-	-	-	72.0	-
70/762 PER-9	SIS	5	-	-	-	-	-	-	196.0	-	-
70/763 PER-10	SIS	2	-	-	-	-	-	-	50.0	80.0	-
70/766 PER-13	SIS	2	-	1/12	-	-	-	-	-	24.0	-
70/767 PER-14	SIS	2	-	1/6	-	-	-	-	-	13.5	-
70/830 PER-15	SIS	2	2/0.5	-	-	-	-	-	2.7	-	-
70/956 PER-16	SIS	5	2/0.5	-	-	-	-	-	2.7	-	-
<u>Trinidad and Tobago</u>											
TRI-5	SP	8	-	-	-	-	-	-	30.7	126.0	101.2
									-	14.5	14.5
									-	95.0	53.0
<p>Caribbean industrial research institute, Port-of-Spain - Purpose: to assist in the establishment of an institute to provide testing and technical advisory services to industry in the Eastern Caribbean region. The Plan of Operation was signed in August 1970, and the project became fully operational in October 1969 under a preliminary allocation from UNDP.</p> <p>Approved: January 1969 UNDP: \$640,900 Duration: 5 years Gov't: \$966,000</p>											
TRI/70/3	TA	11	1/6	1/12	1/6	-	2/6	-	12.0	28.7	12.0
TRI/05/1/1	RP	5	-	-	-	-	1/6	-	-	3.4	-
ID/RP/11-3	RP	11	1/5	-	-	-	-	-	12.0	-	-
68/145 TRI-6	SIS	4	2/5	2/8	-	-	-	-	10.0	16.0	-
68/408/Rev.1 TRI-9	SIS	6	1/4	-	-	-	-	-	8.0	-	-

Region, country and project title

Pre-Group (in '000 US\$)

Experts n/a

Fellows n/a

Cost (in '000 US\$)

1970 1971 1972 1970 1971 1972 1970 1971 1972

THE AMERICAS (cont'd)

Trinidad and Tobago (cont'd)

69/564 TRI-15	SIS	11	Assistance in development of small industries	1/1	-	-	-	-	2.0	-	-
69/584 TRI-13	SIS	6	Assistance to the Coconut Growers Association of Trinidad	-	1/4	-	-	-	-	8.0	-
69/660 TRI-16	SIS	5	Assistance to petrochemicals marketing (Phase II)	-	-	-	-	-	35.0	-	-

URUGUAY

URU-12	SP	6	Productivity centre - Purpose: to provide expert services for the textile and shoe industries. This project is being executed by ILO with the association of UNIDO. The project became operational in July 1970.	-	-	-	-	-	14.0	34.0	-
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Approved: January 1969 UMDP: \$407,700
Duration: 2½ years Gov't: \$429,000

URU/14/1/1	EP	14	Export-oriented industries	-	-	-	-	2/12	-	-	6.8
ID/EP/06-3	EP	6	Food and light industries - meat preservation	-	-	-	2/12	-	-	6.8	-
ID/EP/06-5	EP	6	Food and light industries - lecture in "Modern knowledge and future trends in the use of wood for construction"	1/0.25	-	-	-	-	-	0.3	-
ID/EP/13-4	EP	13	Industrial decentralization	-	-	-	1/2	-	-	1.8	-

Venezuela

VEN/68/6	TA	1	Development of mechanical industry	1/12	-	-	-	-	-	24.0	-
VEN/14/1/1	EP	14	Export promotion	-	-	-	-	1/12	-	-	5.8
ID/EP/01-2	EP	1	Engineering industries - mechanical plant training	-	-	-	1/6	-	-	3.4	-
ID/EP/12-3	EP	12	Long-range programme of technical assistance	3/1.5	-	-	-	-	-	4.0	-
68/295 VEN-7	SIS	14	Evaluation of export position of the Venezuelan industry	1/3	5/19	-	-	-	-	6.0	18.0

Regional

LAT/69/10	TA	11	Meeting on financing of small-scale industries in Latin America	1/1	-	-	-	19/6	-	11.8	-
LAT/69/14	TA	5	Meeting for the development of the fertilizer and pesticides industry in Latin America	4/2	-	-	-	10/5	-	12.0	-

Region, country and project no.	Pre-Group	Group	Project title	Reports n/a			Fellows n/a			Cost (in '000 US\$)		
				1970	1971	1972	1970	1971	1972	1970	1971	1972
THE AMERICAS (cont'd)												
Regional (cont'd)												
LAT/01/1/1	EP	1	Mechanical industries	-	1/12	-	-	-	-	-	27.0	-
LAT/04/1/2	EP	4	Chemical industries	-	2/24	-	-	-	-	-	54.0	-
LAT/08/1/3	EP	8	Industrial research	-	1/12	-	-	-	-	-	27.0	-
LAT/12/1/4	EP	12	Industrial programming	-	1/12	-	-	-	-	-	27.0	-
ID/EP/02-3	EP	2	Metallurgical industries - regional adviser, iron and steel industry	1/12	-	-	-	-	-	24.5	-	-
ID/EP/04-6	EP	4	Chemical industries	2/24	-	-	-	-	-	49.0	-	-
ID/EP/04-9	EP	4	Symposium on the pulp and paper industry	1/0.5	-	-	-	-	-	1.5	-	-
ID/EP/08-5	EP	8	Industrial research	1/12	-	-	-	-	-	24.5	-	-
ID/EP/12-8	EP	12	Industrial programming	3/25	-	-	-	-	-	51.0	-	-
ID/EP/12-10	EP	12	Industrial planning - integration programme	1/0.75	-	-	-	-	-	1.3	-	-
69/488 LA-2	SIS	1	Assistance to petrochemical and assembly industries	1/6	-	-	-	-	-	12.0	-	-
		5	Assistance to petrochemical and assembly industries - industrial engineer in petrochemicals	1/11	1/1	-	-	-	-	22.0	2.0	-
70/984 LA-8	SIS	1	Assistance to the Junta of Andean Integration Group - machine tool production - mechanical equipment fabrication (team leader)	-	2/8	-	-	-	-	-	16.0	-
		2	Assistance to the Junta of Andean Integration Group - non-ferrous metallurgy	-	1/4	-	-	-	-	-	8.0	-
		6	Assistance to the Junta of Andean Integration Group - textile engineer	-	1/4	-	-	-	-	-	8.0	-

Region, country and project no.	Pre-Group	Project title	Experts m/m		Fellows m/m		Cost (in '000 US\$)			
			1970	1971	1970	1971	1970	1971		
ASIA AND THE FAR EAST (cont'd)										
<u>Ceylon (cont'd)</u>										
70/771	CEY-16	SIS 1 Specialist technician in freeze dryers for vaccine production	-	-	-	-	3.0	-		
70/810	CEY-17	SIS 1 Nationalization programme of agricultural machinery manufacturing sector	-	1/3	-	-	-	6.0		
2/9	GTF	2 Laboratory scale metallurgical investigations of ilmenite concentrates for the production of titanium-rich slag pig iron	-	-	-	-	11.1	-		
4/16	GTF	4 Equipment for the quality control and ceramics research department of the Ceramics Corporation	-	-	-	-	-	90.0		
9009-69	PIT	4 Local manufacture of water treatment chemicals	-	1/2	-	-	-	3.9		
<u>China</u>										
CHA-28	SF	8 Union Industrial Research Institute, Hsinchu - Purpose: to assist the Government to strengthen the Institute to develop a programme of active support to local industry by means of technical advisory services and contract research. Preliminary activities related to the project have been carried out under SIS and Technical Assistance programmes. The Plan of Operation is being prepared, and the project manager is under recruitment.	-	-	-	-	-	113.4	176.4	
								26.2	24.2	
								-	34.0	9.0
CHA/68/2	TA	10b Industrial management and training	-	1/12	-	-	-	-	24.0	-
CHA/68/12	TA	4 Sea salt manufacturing techniques	-	-	-	2/10	-	5.5	-	-
CHA/01/1/2	RP	1 Electronics industries	-	-	-	2/6	-	-	4.4	-
CHA/04/1/1	RP	4 Chemical industries	-	-	-	1/12	-	-	5.8	-
ID/RP-01-4	RP	1 Engineering industries	-	-	-	2/12	-	6.8	-	-
ID/RP-04-3	RP	4 Chemical industry	-	-	-	2/12	-	6.8	-	-
ID/RP-05-6	RP	5 Petrochemical industries	-	-	-	1/3	-	1.4	-	-
68/392	CHA-9	8 Assistance to the Union Industrial Research Institute	1/6	1/6	-	-	-	11.6	11.6	-

Approved: January 1971 UNDP: \$510,600
Duration: 2½ years Gov't: \$736,000

Region, country and project no.	Pre-Group	Project title	Experts n/m			Fellows n/m			Cost (in '000 US\$)		
			1970	1971	1972	1970	1971	1972	1970	1971	1972

ASIA AND THE FAR EAST (cont'd)

India (cont'd)

IND-67 (cont'd)

electrical equipment the technical knowledge necessary to increase plant productivity; to carry out research and development to provide modern, indigenous designs and prototypes adapted to local manufacturing conditions; to provide testing and laboratory facilities to smaller manufacturers; to arrange training in design and manufacture of electrical measuring instruments; to maintain liaison with national scientific and research institutes and to assist industry in the development and manufacture of instruments such as jewel bearings, hair springs, pivots and permanent magnets. The project became operational in April 1969.

Approved: January 1968 UNDP: \$833,000
Duration: 5 years Gov't: \$739,000

IND-111 SP 2 National Metallurgical Laboratory, Jamshedpur
- Purpose: to assist the Government in establishing a central creep testing facility as part of the National Metallurgical Laboratory at Jamshedpur. It is expected that project activities will result in the establishment of test facilities and the training of personnel required for the development of local grades of heat resisting steel and super alloys, using indigenous raw materials, to international standards.

Approved: January 1971 UNDP: \$671,000
Duration: 3 years Gov't: \$410,000

IND/69/1 TA 5 Chemical and petrochemical industries
IND/69/17 TA 14 Training programme for marketing and export promotion of industrial goods
IND/70/6 TA 1 Advanced design in industrial structures and machine foundation
IND/01/1/4 EP 1 Engineering industry

Experts	126.0	133.5	92.5
Fellows	2.0	20.0	13.0
Other (incl. equipment and subcontracting)	40.0	95.7	69.7

Experts	-	50.4	50.4
Fellows	-	8.8	3.4
Other (incl. equipment and subcontracting)	-	248.0	202.1

1/9	1/3	-	-	-	18.0	6.0	-
				Equipment	0.5	-	-
1/6	1/6	-	20/80	-	64.0	12.0	-
-	-	-	1/3	-	1.4	-	-
-	-	-	-	2/12	-	6.8	-

Region, country and Project No.	Pre- Group	Project title	Experts m/m		Fellows m/m		Cost (in '000 US\$)	
			1970	1971	1972	1970	1971	1972
ASIA AND THE FAR EAST (cont'd)								
India (cont'd)								
IND/02/1/1	BP	2 Metallurgical industry	-	-	-	2/12	-	6.8
IND/05/1/5	BP	5 Fertilizers, pesticides and petrochemicals	-	-	-	1/6	-	3.4
IND/06/1/2	BP	6 Food and light industries	-	-	-	2/12	-	6.8
IND/10/1/3	BP	10b Industrial management	-	-	-	2/12	-	6.8
ID/MP/01-7	BP	1 Engineering industries	-	-	-	5/18	-	12.2
ID/MP-05-6	BP	5 Fertiliser and petrochemical industries	1/0.5	-	-	-	-	1.0
ID/MP/05-8	BP	5 Petrochemical industries	-	-	-	3/9	-	6.6
ID/MP/08-'0	BP	8 Industrial standardization and research	-	-	-	3/12	-	7.8
ID/MP/10-9	BP	10b Industrial management and training	-	-	-	3/9	-	6.6
68/288 IND-5	SIS	6 Development of chrome tanning processes for the village tanneries	1/2	-	-	-	-	4.0
69/484 IND-17	SIS	1 Electrical industry, Bhopal - transformers and variable speed drivers	1/2	1/6	-	-	-	5.0
69/486 IND-13	SIS	2 Assistance to Indian mica industry	-	2/6	-	-	-	11.6
69/556 IND-11/12	SIS	10a Organization and management quality control schemes and seminars on quality control techniques	-	-	-	-	-	16.0
69/561 IND-19	SIS	11 Establishment of subcontracting exchanges	1/4	-	-	-	-	8.0
69/580 IND-18	SIS	14 Report promotional effort studies in the field of pharmaceuticals, essential oils, toiletries, cosmetics and dyes and dye intermediates	1/1	3/23	-	-	-	2.0
69/652 IND-4	SIS	2 Pilot plant scale tests on vanadiferous magnetites	-	-	-	-	-	2.0
70/750 IND-6 Phase II	SIS	2 Processing of heavy black sands - exploratory mission	1/0.5	-	-	-	-	1.0
70/952 IND-22	SIS	14 Report product programme - exploratory mission	1/0.5	-	-	-	-	2.0
2/10	GT7	2 Feasibility study and project design preparation of an industrial prototype plant for the electrometallurgical processing of ilmenite concentrates to titania-rich slag and pig iron	-	1/0.25	-	-	-	0.5
				Other			0.4	204.1

Region, country and Project No.	Pre-Group	Project title	Experts w/m			Fellows m/m			Cost (in '000 US\$)		
			1970	1971	1972	1970	1971	1972	1970	1971	1972
ASIA AND THE FAR EAST (cont'd)											
Indonesia											
INS-31	SP 6	Textile industry rehabilitation and development programme, Bandung - Purpose: to assist the Government in the modernization of the textile industry through strengthening of the Directorate-General for the textile industry in Djakarta and the Institute of Textile Technology in Bandung. The Plan of Operation is being drafted, and the project manager is under recruitment.				Experts	195.8	193.4			
						Fellows	59.5	59.5			
						Other (incl. equipment and subcontracting)	30.0	145.0	10.0		
INS/68/9	TA 12	Industrial programming	1/6	-	-	-	-	-	12.0	-	-
INS/68/11	TA 10b	Industrial management	-	1/2	-	-	-	-	-	4.0	-
						Other	-	-	-	2.4	-
INS/69/28	TA 13	Loan appraisal	1/7	1/8	-	-	-	-	14.0	16.0	-
INS/69/29	TA 1	Industrial development	1/9	1/3	-	-	-	-	18.0	6.0	-
						Other	-	-	-	24.0	-
						Other	-	-	-	3.0	-
INS/70/1	TA 2	Steel wire mill	1/6	1/6	-	-	-	-	12.0	12.0	-
INS/70/3	TA 10b	Textile industry	-	1/12	-	-	-	-	-	24.0	-
INS/03/1/1	BP 3	Building materials industries	1/3	1/6	-	-	-	-	6.0	12.0	-
INS/06/1/3	BP 6	Food and light industries	-	-	-	-	1/3	-	-	2.2	-
INS/10/1/4	BP 10b	Industrial management and training	-	-	-	-	2/4	-	-	2.6	-
INS/11/1/5	BP 11	Small-scale industries and industrial estates	-	-	-	-	2/4	-	-	2.6	-
INS/12/1/2	BP 12	Industrial programming	-	-	-	-	2/6	-	-	3.4	-
ID/MP/10-3	BP 10b	Industrial management	-	-	-	-	3/15	-	-	8.0	-
ID/MP/12-2	BP 12	Industrial planning	-	-	-	-	3/18	-	10.2	-	-
ID/MP/12-4	BP 12	Long-range programming mission	-	-	-	-	1/6	-	3.4	-	-
67/174 INS-3	SIS 10b	Spinning mill	2/1.5	-	-	-	-	-	3.7	-	-
67/177 INS-6	SIS 10b	Paper mills	1/9	-	-	-	-	-	18.0	-	-
						Other	-	-	-	24.0	-

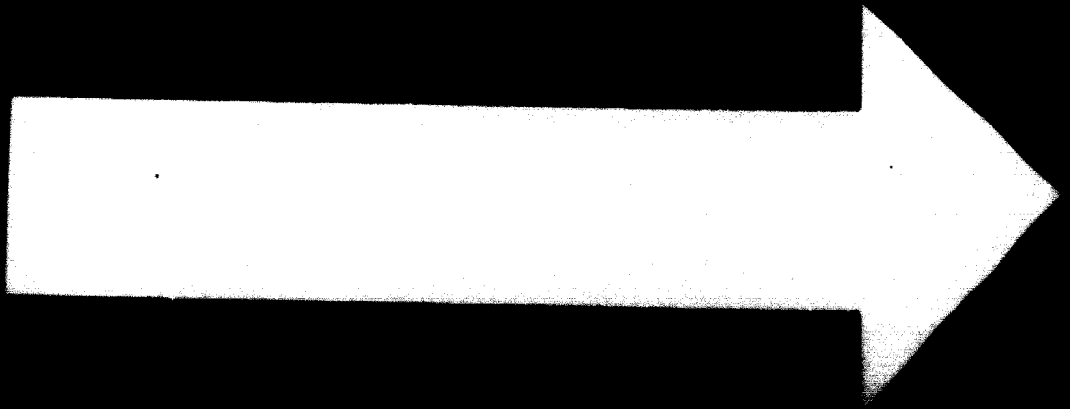
Approved: January 1971 UNDP: \$1,125,100
Duration: 4 years Gov't: \$705,000

Region, country and project no.	Pro-gramme	Group	Project title	Experts n/m		Fellows n/m		Cost (in '000 US\$)		
				1970	1971	1971	1972	1970	1971	1972
ASIA AND THE FAR EAST (cont'd)										
Indonesia (cont'd)										
68/322	IMS-9	SIS	2	Assistance to the Tjilegon steel plant - wire drawing mill	1/0.5	-	-	1.0	-	
69/589	IMS-11	SIS	4	Assistance to the Goa paper mill	-	1/12	-	-	24.0	
70/813	IMS-14	SIS	6	Assistance to match manufacturing industry	-	1/2	-	-	4.0	
70/889	IMS-15	SIS	1	Assistance to shipyards	-	2/18	-	-	36.0	
70/892	IMS-16	SIS	5	Assistance in drafting the terms of reference for a survey on the petrochemical industry	1/0.75	-	-	2.0	-	
70/902	IMS-17	SIS	1	Assistance in the organization of manufacturers' association	-	1/2	-	-	5.0	
70/919	IMS-19	SIS	8	Assistance in elaborating policy guidelines for further research activities	-	1/4	-	-	8.0	
70/1012	IMS-20	SIS	1	Assistance in the production of wooden poles and ceramic insulators, exploratory mission	1/0.75	-	-	3.0	-	
IRA										
IRA-11		SF	11	Establishment of an industrial estate, Ahwaz, and the development of small-scale industries - Purpose: to assist in the establishment of an industrial estate at Ahwaz and in the development of small-scale industries. The project was extended under supplementary assistance in January 1969. It was declared operational in September 1965. A new project manager began his assignment in February 1970. Approved: June 1963 UNDP: \$1,067,400 Duration: 7 years Gov't: \$3,149,300						
					Experts		141.4	174.3	110.9
					Fellows		4.0	9.3	-
					Other (incl. equipment and subcontracting)		9.7	30.9	8.0
IRA-16		SF	12	Research Centre for Industrial and Trade Development - Purpose: to strengthen the Centre which was established by the Ministry of Economy for formulation of industrial plans, preparation of investment priorities, preparation and evaluation of feasibility studies, and formulation of industrial and trade policies. The project became operational in February 1968.						
					Experts		138.8	170.0	19.2
					Fellows		4.6	71.0	-
					Other (incl. equipment and subcontracting)		43.6	210.0	24.8

Region, country and project no.	Pre-Group	Project title	Experts		Fellows		Cost	
			n/s	1970 1971 1972	n/s	1970 1971 1972	(in '000 US\$)	1970 1971 1972
ASIA AND THE FAR EAST (cont'd)								
Iran (cont'd)								
IRA-16	(cont'd)	Approved: January 1967 UNDP: \$1,058,900 Duration: 5 years Gov't: \$1,560,000						
IRA-34	SF 8	Institute of Standards and Industrial Research, Karaj - Purpose: to assist, in association with UNESCO, in the establishment and operation of a metrology centre within the Institute of Standards and Industrial Research of Iran at Karaj. The project manager undertook a preliminary assignment in July 1970, and the Plan of Operation is under preparation on the basis of discussions with the Government.			Experts	40.7	151.2	163.8
					Fellows	-	36.5	18.9
					Other (incl. equipment and subcontracting)	3.0	113.0	124.1
IRA/68/28	TA 6	Approved: June 1969 UNDP: \$951,700 Duration: 5 years Gov't: \$3,182,000						
IRA/69/6	TA 1	Food industry development	1/8	-	-	-	16.0	-
IRA/70/4	TA 9	Ophthalmic and optical industry	1/1	-	-	-	2.0	-
IRA/70/10	TA 1	Development banking - assistance to IMBI	1/2	1/10	-	-	4.0	20.0
IRA/70/13	TA 12	Assistance to optics industry	1/5	1/12	1/7	-	10.0	24.0
		Industrial planning and industrial project evaluation	-	1/12	-	-	24.0	-
IRA/01/1/1	RP 1	Engineering industries	-	-	-	2/12	-	6.8
IRA/02/1/2	RP 2	Metallurgical industry	-	-	-	1/12	-	5.8
IRA/08/1/3	RP 8	Industrial research	-	-	-	2/12	-	6.8
ID/RF/01-4	RP 1	Engineering industries	-	-	-	1/6	-	-
ID/RF/03-3	RP 3	Building materials industries	-	-	-	1/6	-	-
ID/RF/08-6	RP 8	Industrial research	1/5	-	-	-	9.6	-
69/60 IRA-26	SIS 3	Assistance in the mining of decorative building stones	-	1/3	-	-	-	6.0
69/527 IRA-19	SIS 10b	Exploratory mission to investigate short and long term plans to be undertaken with a view to designing a management information and decision making system in the Ministry of Economy	1/3.5	-	-	-	14.8	-

Region, country and project No.	Pre-Group	Project title	Experts n/a	Fellows n/a	Cost (in '000 US\$)
			1972	1971	1970
ASIA AND THE FAR EAST (cont'd)					
IRAN (cont'd)					
69/538 IRA-24	SIS 13	Advisory panel on industrial policies for the following branches of industry: textiles, electrical and electronics, automotive and pharmaceuticals	4/10	-	18.2
70/714 IRA-27	SIS 1	Cutting tool production	-	Consulting firm	8.0
70/716 IRA-28	SIS 2	Lead and zinc industry development	1/0.5	-	0.9
70/725 IRA-29	SIS 2	Centre for metallurgical technology	1/0.5	-	0.8
70/774 IRA-20 Phase II	SIS 2	Pilot plant scale tests on direct reduction of iron ores by the HYL process for the production of iron ore	-	Consulting firm	15.0
70/890 IRA-31	SIS 2	Lead and zinc production	1/6	-	12.0
70-894 IRA-30	SIS 14	Metalworking - expert preaction - advisory mission	2/2	-	4.0
Upper Remblias					
LAOS					
LAO/68/5	RP 1	Engineering industries	-	2/8	5.2
LAO/06/1/1	TA 15a	Industrial development and productivity	1/1	1/12 1/2	2.0 24.0 4.0
ID/RP/06-2	RP 6	Food and light industries	-	2/24	11.6
69/577 LAO-3	RP 6	Food and light industries	1/8	-	15.4
69/614 LAO-4	SIS 15a	Industrial survey	1/2	1/2	4.0 4.0
	SIS 6	Assistance to woodworking industry	-	2/10	20.0
Malaysia					
MAL-22	SP 8	National institute for scientific and industrial research - Purpose: to assist the Government to establish a national institute of scientific and industrial research, to provide testing and standardization services, technical advice and information, technical and economic feasibility studies and instrument repair and maintenance services. The project manager began his assignment in July 1970; the Plan of Operation is under preparation.	Experts	Fellows	15.0 100.0 145.0
			Other (incl. equipment and subcontracting)		16.0 16.0
					6.0 45.0 64.5

Approved: January 1970 UNDP: \$455,300
Duration: 2 years Gov't: \$270,000



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Region, country and project No.	Pre-Group	Project title	Experts m/s	Fellows m/s	Cost (in '000 US\$)
			1970	1971	1972
ASIA AND THE FAR EAST (cont'd)					
Malaysia (cont'd)					
MM/68/10	TA	3 Technological development of glass plant in Malindi	- 1/6	- 3/9	- 19.1
MM/68/11	TA	4 Technological development of soap factory at Ulm Pater	2/2 2/4	- 2/6	- 4.0
MM/68/12	TA	2 Manufacturing of precious and semi-precious stones	1/1 1/5	- 1/4	- 4.8
MM/69/2	TA	6 Assistance to meat and milk industry	1/1 2/3	-	- 5.0
MM/68/1/1	RP	8 Industrial standardization and research	-	- 1/6	- 2.0
MM/14/1/2	RF	14 Export-oriented industries	- 1/3	-	- 3.4
69/597 MM-2	SIS	1 Complex service team in maintenance and repair of industrial equipment	- 2/12	-	- 6.0
1/5	GTP	1 Mobile repair units for the maintenance and repair of industrial equipment	-	-	- 24.0
Nepal					
NEP/70/6	TA	10a Industrial advisory mission	- 1/6	-	- 20.7
		13 " " "	- 3/18	-	- 19.3
NEP/12/1/1	RP	12 Industrial programming	-	- 2/12	- 12.0
ID/RF-06-3	RP	6 Sugar technology	-	- 1/6	- 36.0
ID/RF/13-5	RF	13 Industrial promotion	-	- 1/5	- 6.8
69/618 NEP-1	SIS	10a Industrial advisory mission	1/6	-	- 3.4
		13 " " "	3/18	-	- 2.3
Pakistan					
PAK-26	SF	5 Pre-investment studies for the promotion of the fertilizer and petrochemical industries	-	-	- 55.6
		Purpose: to assist the Government, in association with FAO, in developing the fertilizer and petrochemical industries and in promoting the use of fertilizer and petrochemical end-products. The pre-investment studies are to assist the Government in its negotiations with potential sources of investment financing. The project became operational in	-	-	- 10.0
			Experts		35.3
			Fellows		15.0
			Other (incl. equipment and subcontracting)		10.0

Region, country and NO.1961 No.	Pro-Group	Project title	Experts n/a	Fellows n/a	Cost (in '000 US\$)
			1970	1971	1972
ASIA AND THE FAR EAST (cont'd)					
Pakistan (cont'd)					
PAK-26 (cont'd)		June 1967. Subcontract activities include studies by FAO in fertilizer promotion and use and studies by private consulting firms in manufacturing processes. Approved: June 1965 UNDP: \$1,532,000 Duration: 3 years Gov't: \$1,100,000			
PAK-48	SP	10b Centre for the organization and development of the jute industry, Dacca - UNDP to improve, in association with ILO, the productivity of jute mills and to diversify the industry through research and new product development. A project manager has been recruited, but preparation of the final version of the Plan of Operation has been delayed pending a thorough review of the existing situation by the project manager in consultation with the Government. Approved: January 1969 UNDP: \$759,000 Duration: 3 years Gov't: \$481,000	Experts	5.2	116.6
			Fellows	-	6.8
			Other (incl. equipment and subcontracting)	2.0	37.0
PAK-62	SP	10b Cotton textile industry development centre, Karachi - FAO to assist the Government in establishing a cotton textile industry development centre in Karachi and a sub-centre in Dacca, to increase productivity in order to make the cotton textile industry more competitive, especially in export markets. The Plan of Operation is being drafted. Approved: January 1971 UNDP: \$123,700 Duration: 3 years Gov't: \$69,000	Experts	-	135.5
			Fellows	-	23.2
			Other (incl. equipment and subcontracting)	-	82.0
PAK/68/8	TA	12 Industrial programming	2/28	3/36	3/36
PAK/68/9	TA	3 Cement production	-	-	1/12
PAK/68/10	TA	13 Industrial financing	1/2	-	1/6
PAK/68/11	TA	12 Assistance to Pakistan Industrial Credit and Investment Corporation	1/12	1/6	-
PAK/69/6	TA	1 Repair and maintenance	2/10	2/14	-
					48.0
					78.4
					72.0
					-
					3.7
					-
					4.0
					-
					24.0
					12.0
					-
					20.0
					26.0

Region, country and sub-region	Pro-gramme	Group	Project title	Experts m/m	Fellows m/m	Cost (in '000 US\$)	1970	1971	1972
ASIA AND THE FAR EAST (cont'd)									
Pakistan (cont'd)									
PAK/69/9	TA	6	Wood panel industry	3/10 2/2	-	20.0	4.0	-	-
PAK/69/15	TA	4	Penicillin production - technology	-	1/6	3.7	-	-	-
PAK/69/19	TA	12	Investment promotion and supply	-	1/6	-	12.0	-	-
PAK/70/5	TA	2	Steel study tour to Japan	-	1/1	9.8	-	-	-
PAK/70/16	TA	8	Introduction of the metric system	-	1/12	-	24.0	-	-
PAK/04/1/1	MP	4	Chemical and pharmaceutical industries	-	-	-	6.8	-	-
PAK/05/1/2	MP	5	Fertilisers, pesticides and petrochemicals	-	-	-	6.8	-	-
PAK/06/1/3	MP	6	Food and light industries	-	-	-	6.8	-	-
ID/MP/02-4	MP	2	Metallurgical industry	-	1/6	3.4	-	-	-
ID/MP/05-3	MP	5	Fertiliser industry	-	1/3	2.2	-	-	-
ID/MP/12-5	MP	12	Industrial planning	-	2/12	6.8	-	-	-
68/400 PAK-3	SIS	11	Small-scale industry promotion	2/2	-	5.8	-	-	-
69/653 PAK-6	SIS	8	Assistance in conducting survey on industrial research	-	1/6	-	12.0	-	-
69/473 PAK-7	SIS	6	Assistance to the East Pakistan Industrial Development Corporation (EPIDC) in the field of sugar technology	1/6	-	12.0	-	-	-
69/473 PAK-7	SIS	10b	Assistance to the Khulna Newsprint Mill, Khulna Shipyard and East Pakistan Industrial Development Corporation	3/20	-	46.0	-	-	-
69/499 PAK-5	SIS	1	Survey to formulate recommendations for co-ordination and efficient utilization of the steel, iron and engineering industries in Pakistan	1/4	1/4	8.5	8.5	-	-
		2		1/1	-	1.1	-	-	-
		10b		1/4	-	8.5	-	-	-
				-	Consulting firm	8.5	-	-	-
70/817 PAK-12	SIS	2	Assistance for establishing a centre for metallurgical technology	-	1/3	-	6.0	-	-
70/1003 PAK-14	SIS	14	Export promotion development - exploratory mission	1/0.75	-	1.4	-	-	-
00/1	OTF	1	Repair shops and mobile units for agricultural equipment	-	2/12	-	10.0	-	-
				-	Others	-	12.0	-	-

Region, country and PROJECT NO.	Pre-Group	Project title	Experts n/m			Fellows n/m			Cost (in '000 US\$)		
			1972	1971	1972	1970	1971	1972	1970	1971	1972
ASIA AND THE FAR EAST (cont'd)											
Papua and New Guinea											
PAP/69/2	TA	10a	1/6	-	-	-	-	12.0	-	-	-
PAP/69/3	TA	4	1/11	1/1	-	-	-	22.0	2.0	-	-
PAP/69/5	TA	11	1/6	-	-	-	-	12.0	-	-	-
PHILIPPINES											
PHI-30	SF	1	<p>Metal industries development centre</p> <p>Purpose: to assist the Government in establishing a centre to serve the needs of the metals industry in the fields of technical advisory services, quality control, management and technical training and to guide the Government in formulating policies for the expansion of the industrial sector of the national economy. The plan of operation has been submitted for signature, and the project manager is being recruited.</p> <p>Approved: June 1969 UNDP: \$913,600 Duration: 3 years Gov't: \$1,000,000</p>								
PHI/68/2	TA	2	1/12	1/8	-	-	-	-	24.0	16.0	-
PHI/69/8	TA	11	1/3	-	-	-	-	6.0	-	-	-
PHI/69/27	TA	4	1/3	-	-	-	-	6.0	-	-	-
PHI/01/1/3	EP	1	-	-	-	-	1/8	-	4.2	-	-
PHI/06/1/1	EP	6	-	-	-	-	2/10	-	6.0	-	-
PHI/06/1/2	EP	6	-	-	-	-	1/4	-	2.6	-	-
ID/EP/06-3	EP	6	-	-	-	-	5/23	-	14.2	-	-
ID/EP/12-4	EP	6	-	-	-	-	-	-	3.5	-	-
ID/EP/13-5	EP	13	-	-	-	-	1/2	-	1.8	-	-
67/253 PHI-5	SIS	11	1/2	-	-	-	-	-	6.0	-	-
67/253 PHI-3	SIS	12	1/5	-	-	-	-	-	3.0	-	-
67/254 PHI-3	SIS	1	-	1/12	-	-	-	-	-	24.0	-
		4	1/0.5	-	-	-	-	-	1.0	-	-
		14	1/3	1/6	-	-	-	-	6.0	12.0	-

Experts 17.6 235.2 230.2
Fellows - 37.6 0.4
Other (incl. equipment and subcontracting) 5.0 163.9 68.0

Region, country and UN/1951 No.	Pro-Group	Project title	Reports n/y	Follows n/y	Cost (in '000 US\$)
ASIA AND THE FAR EAST (cont'd)					
Philippines (cont'd)					
69/521 PHI-8	SIS 11	Industrial estate at Limay and Sagang Palay	1/7	-	14.0
69/599 PHI-10	SIS 4	Assistance in the evaluation of pulp and kraft paper production from abaca stalks	1/2	-	4.0
69/666 PHI-9	SIS 12	Economic and industrial development machinery - planning	1/2	-	4.0
70/704 PHI-14	SIS 1	Exploratory mission - maintenance and repair needs	1/0.25	-	1.0
70/793 PHI-16	SIS 13	Investment promotion for specific industrial projects in Asian countries - exploratory mission	1/1	-	2.0
70/806 PHI-13	SIS 10b	Assistance to four-week seminar in value analysis	1/1	-	2.0
70/818 PHI-19	SIS 6	Assistance to the furniture and woodworking industry	2/8	-	16.0
70/819 PHI-18	SIS 6	Assistance to the footwear manufacturing industry	1/1	-	2.0
70/823 PHI-17	SIS 4	Industrial fermentation	1/3	-	12.4
70/850 PHI-15	SIS 10b	Organization and management quality schemes in manufacturing industries	2/4	-	6.0
Republic of Korea					
KOR/69/16	TA 1	Industrial development	-	4/24	14.8
	3		-	1/6	3.4
	5		-	2/18	10.1
KOR/70/7	TA 10b	Industrial management	-	1/3	1.4
KOR/12/1/1	RP 12	Industrial programming	-	2/12	6.7
ID/RP/01-4	RP 1	Engineering industries	-	1/6	3.4
69/27. KOR-7	SIS 1	Assistance to the electronics industry	2/5	1/3	16.0
69/565 KOR-4+5	SIS 1	Assistance to Korea Productivity Centre (KPC)	2/10	1/2	35.0
69/630 KOR-8	SIS 7	Exploratory mission to assess the Korea Salt Corporation	1/1	-	2.0
70/790 KOR-9	SIS 13	Exploratory mission on industrial policy	1/1	-	2.0

Consulting firm

Region, country and project no.	Pre-Group	Project title	Experts m/a	Followers m/a	1970	1971	1972	Cost (in '000 US\$)
ASIA AND THE FAR EAST (cont'd)								
Republic of Viet-Nam								
VIR/69/2	TA	12 Industrial development	-	-	-	-	-	-
VIR/05/1/1	BP	5 Fertilizer, pesticides and petrochemicals	-	-	-	-	24.0	-
VIR/11/1/2	BP	12 Small-scale industries	-	1/6	-	-	3.4	-
ID/VP/08/1	BP	8 Industrial standardization	-	1/3	-	-	2.2	-
SINGAPORE								
SIN-7	SP	1 Metal industries development center - Duration: to provide, with ILO as the executing agency, four experts in industrial development adviser (technical), an industrial development adviser (financial), a machine tool maintenance and repair expert, and a metrological specialist. The project became operational in July 1969. Approved: June 1967 UNDP's \$1,143,100 Duration: 6 years Cost: \$1,670,000	-	-	-	-	-	43.8
SIN/68/1	TA	1 Assistance to the Economic Development Board	1/12	-	-	-	24.0	-
SIS/08/1/1	BP	12 Industrial research and standardization	2/20	1/4	-	-	35.2	8.0
SIN/14/1/2	BP	14 Export-oriented industries	-	-	2/24	-	-	11.6
ID/VP/06-4	BP	6 Food and light industries	-	1/4	-	-	-	8.0
68/333 SIS-5	SIS	1 Assistance to industrial product design	1/10	-	-	-	19.2	-
		6	1/1	-	-	-	2.0	-
68/334 SIS-6	SIS	6 Assistance to the footwear industry	2/7	-	-	-	13.5	-
68/358 SIS-7	SIS	6 Assistance to the printing industry	1/6	-	-	-	11.5	-
68/359 SIS-9	SIS	6 Assistance to the leather products factory	1/6	-	-	-	11.0	-
68/402 SIS-8	SIS	1 Assistance to ship repair and shipbuilding industry - small shipyards	1/4	-	-	-	7.5	-
68/403 SIS-10	SIS	6 Assistance to the footwear industry	1/4	-	-	-	7.5	-
68/404 SIS-11	SIS	10 Assistance to the Economic Development Board - management accounting	1/3	-	-	-	5.5	-
68/405 SIS-12	SIS	10 Assistance to the light industries services - management accounting	1/6	-	-	-	11.0	-
		Consulting firm					28.6	-

Region, country and sub-area	Proj. Group	Project title	Experts m/s	Fellows m/s	Cost (in '000 US\$)
ASIA AND THE FAR EAST (cont'd)					
SINGAPORE (cont'd)					
69/609 SIB-13	SIB 6	Assistance to the food processing industry	1/4 1/3	-	8.0 6.0 -
70/703 SIB-14	SIB 1	Exploratory mission on repair and maintenance, technical assistance to the Light Industries Services (L.I.S.), and the establishing of a centre for industrial design	1/0.25	-	1.0 - -
70/715 SIB-15	SIB 11	Assistance in the development of small industry products for export and the tourist market	1/6	-	12.5 - -
70/724 SIB-16	SIB 1	Assistance to special industries project studies	1/1	-	3.0 - -
70/746 SIB-18	SIB 150	Fueled-up exploratory mission	2/1.5	-	3.5 - -
70/758 SIB-19	SIB 1	Micro-gasoline engine manufacturing feasibility study	-	Consulting firm	- 9.0 -
70/960 SIB-20	SIB 14	Programming of export production - feasibility studies - exploratory mission	1/0.5	-	1.5 - -
Thailand					
70A-16	07	Technological Research Institute - designed to assist the Government to develop its practical research agency, the Applied Scientific Research Corporation. The work of the Institute is divided into four categories: industrial chemistry (based on utilization of agricultural and other plant products as well as solar energy and industrial effluent control); minerals and metals, construction materials and fibres and textiles. The project became operational in November 1964 and work began will be continued under Phase II project. Consultant's staff members have assumed full responsibility for operations of the Institute.	Experts	Fellows	64.9 - -
			Other (incl. equipment and subcontracting)		5.0 - -
					18.9 - -

Approved: January 1964 USD\$ 8046,300
Duration: 5 years Cost: \$2,167,000

Region, country and subsector	Pro-gramme	Project title	Experts n/a	Months n/a	Cost (in '000 US\$)
			1970	1971	1972
ASIA AND THE FAR EAST (cont'd)					
Thailand (cont'd)					
68/301 THA-7	SIS	11 Marketing organization for small-scale industries and handicrafts	1/6	-	11.0
68/366 THA-5	SIS	6 Assistance to the rice processing industry	-	Consulting firm	20.0
68/389 THA-3	SIS	12 Standard national industrial classification system	1/8	-	14.0
68/416 THA-4	SIS	6 Feasibility study for industry based on leaf	3/9	-	10.0
69/468 THA-8	SIS	6 Assistance to the Sugar Institute and Sugar Advisory Board	1/1.5	-	15.0
69/594 THA-9	SIS	6 Development of rubber products industry	1/3	-	6.0
70/718 THA-13	SIS	4 Development of chemical industries	-	1/6	-
70/719 THA-14	SIS	6 Leather industry promotion	1/2	-	4.0
70/783 THA-12	SIS	3 Exploratory mission on maintenance and repair facilities, services and needs	-	Consulting firm	5.8
70/799 THA-17	SIS	13 Investment promotion for specific industrial projects in Asian countries - exploratory mission	1/1	-	2.0
70/800 THA-15	SIS	4 Industrial effluent and trade waste disposal	-	Consulting firm	25.7
70/840 THA-19	SIS	1 Assistance to the electronic industry	-	1/3	-
70/868 THA-16	SIS	12 Advisory mission on industrial planning	4/5	-	12.5
70/958 THA-21	SIS	9 Product design and index certification	-	1/4	-
70/990 THA-22	SIS	15b Consultant on the establishment of a national packaging centre in Thailand	-	1/2	-
9010-70	PIF	3 Technological Research Institute - Bangkok	1/9	1/3	17.0
9012/70	PIF	2 Technological Research Institute - Bangkok	1/9	1/3	16.8
Regional					
AFE/69/23	TA	13 Workshop on financial analysis and planning for industrial projects	-	3/2	-
AFE/01/1/1	EF	1 Mechanical and electrical engineering	-	1/12	-
AFE/02/1/2	EF	2 Metallurgical industries	-	1/12	-
AFE/05/1/3	EF	5 Petrochemical industries	-	1/12	-

1970 1971 1972

Region, country and project no.	Pre-group	Group	Project title	Reports n/m	Fellows n/m	1970	1971	1972	Cost (in '000 US\$)			
ASIA AND THE FAR EAST												
<u>Regional</u>												
AFE/06/1/4	RP	6	Light industries	1/12	-	-	27.0	-	-			
AFE/12/1/5	LP	12	Industrial programming	1/12	-	-	27.0	-	-			
ID/RP/02-8	RP	2	Metallurgical industries	1/12	-	24.5	-	-	-			
ID/RP/06-7	RP	6	Food and light industries	1/12	-	24.5	-	-	-			
ID/RP/11-11	RP	11	Small-scale industries and industrial estates	Fellows travel grant						3.5	-	
ID/RP/11-12	RP	11	Preliminary training seminar in low cost automation - ECAFE/IBIDO joint venture	Consulting firm						14.0	-	
69/623 AFE-2	SIS	2	Ferro-alloy feasibility study	Consulting firm						8.0	-	
EUROPE AND THE MIDDLE EAST												
<u>Albania</u>												
ALB/02/1/1	RP	2	Metallurgical industries	-	-	2/6	-	-	4.4			
ID/RP/01-2	RP	1	Engineering industries	-	-	2/6	-	-	3.0			
<u>Bulgaria</u>												
BUL-3	SP	1	Research institute for instrument design, Sofia - INSTRUMET : to assist the Government in strengthening and reorganizing the research institute for instrument design. In this initial phase, some fellowships will be awarded and urgently needed equipment will be purchased. The project manager began his assignment in November 1970, and the Plan of Operation is under preparation.	Experts						6.0	69.0	34.2
				Fellows						-	42.2	22.2
				Other (incl. equipment and subcontracting)						24.0	44.4	13.2
BUL/69/20	TA	6	Furniture industry	1/1	-	-	-	-	2.0	-		
BUL/70/14	TA	4	Pulp and paper industry	-	-	1/4	-	-	1.7	-		
BUL/70/20	TA	1	Refrigeration compressor valves production	-	-	1/3	-	-	1.4	-		
BUL/70/21	TA	4	Production and use of quartz elements	-	-	1/3	-	-	1.4	-		
BUL/70/22	TA	1	Progress of development and structure of machine building industry	-	-	1/3	-	-	1.4	-		

Approved: January 1971 UNDP: \$298,100
Duration: 1 year Gov't: \$550,000

Region, country and subsector	Pre-group	Group	Project title	Reports w/a	Follows w/a	1970	1971	1972
						(in '000 US\$)		
BURKE AND THE HIGHLANDS (cont'd)								
BULZAFIA (cont'd)								
BUL/70/23	TA	6	For processing industry	-	1/3	1.4	-	-
BUL/70/24	TA	6	Cotton spinning industry	-	1/3	2.4	-	-
BUL/70/25	TA	6	Furnishing of supermarkets	-	1/3	1.4	-	-
BUL/70/33	TA	6	Design and production of tandem tyres	-	1/6	2.3	-	-
BUL/70/34	TA	4	Realisation for chemical industry	-	1/3	1.4	-	-
BUL/70/35	TA	4	Use of vegetable extracts in cosmetics	-	1/4	1.7	-	-
BUL/70/36	TA	5	Kinetics of polymerization processes	-	1/4	1.7	-	-
BUL/70/39	TA	4	Design and production of quartz filters	-	1/3	1.4	-	-
BUL/70/40	TA	1	Laboratory electric measuring instruments	-	1/3	1.4	-	-
BUL/70/41	TA	1	Design, construction and automation of boilers	-	2/6	2.8	-	-
BUL/06/1/1	RP	6	Food and light industries - canned fish production	-	1/3	-	2.2	-
ID/RP/01-2	RP	1	Engineering industry - new techniques	-	2/6	3.0	-	-
70/777 BUL-5	SIS	15b	Assistance in the development of the packaging industry	2/5	1/3	10.0	6.0	-
						Equipment	2.5	-
CYPRUS								
CYP/10/1/1	RP	10b	Industrial management and training	-	-	-	3.4	-
CYP/12/1/2	RP	12	Industrial planning and programming	-	1/9	-	4.6	-
ID/RF/11-3	RP	11	Small-scale industries	1/6	-	11.6	-	-
70/772 CYP-10	SIS	6	Preparation of call for tenders, evaluation of offers and final reception for an integrated wood processing plant	-	Consulting firm	15.0	15.0	-
70/739 CYP-11	SIS	15b	Packaging survey mission	1/0.75	-	1.2	-	-
70/772 CYP-9	SIS	12	Industrial survey and programming assistance	1/8	1/4	16.0	8.0	-
70/935 CYP-12	SIS	14	Assistance in export development	2/2	2/5	3.0	10.0	-
70/1009 CYP-13	SIS	6	Exploratory mission to identify basic problems of the food industry	-	1/3	-	6.0	-
						1/0.75	-	1.5

Region, country and project title

Pre-Group

Project title

Reports m/a

Fellows m/a

Cost (in '000 US\$)

1970 1971 1972

EUROPE AND THE MIDDLE EAST (cont'd)

Iceland (cont'd)

Region, country and project title	Pre-Group	Project title	Reports m/a	Fellows m/a	Cost (in '000 US\$)
70/708 ICE-3	SIS	4 Survey mission to consider possibilities of long-range UNIDO assistance and to determine the best way of providing immediate assistance to expand the chemical and metalworking industries	1/0.5	-	0.6
70/901 ICE-4	SIS	14 Exploratory mission to assist the Government of Iceland in the preparation of a Special Fund request for the development of export-oriented industries	1/0.25	-	0.5
70/938 ICE-5	SIS	1 Assistance in the improvement of small shipyard operations	1/1	-	2.0
70/940 ICE-7	SIS	3 Feasibility study of industrial uses of perlite and pumice	1/2	-	4.0

Iraq

IRQ/69/7	TA	13 Assistance to Industrial Bank	1/6	1/6	12.0	12.0
IRQ/11/1/1	RP	11 Small-scale industries	-	1/6	-	3.4
IRQ/15/1/2	RP	13 Industrial policies and financing	-	2/12	-	6.8
ID/RP/05-3	RP	5 Fertilizer industries	-	1/3	-	2.2
69/481 IRQ-3	SIS	6 Evaluation of offers for manufacture of fibreboard from date palm wastes	-	Consulting firm	7.2	-
69/518/Rev.1 IRQ-4	SIS	13 Assistance to Industrial Bank	1/6	-	12.0	-
69/634 IRQ-5	SIS	1 Assistance to the electronics industry in Iraq	1/3	-	6.0	-
70/706 IRQ-7	SIS	1 Exploratory mission on maintenance and repair facilities needs and service	-	Consulting firm	4.0	-
70/707 IRQ-8	SIS	2 Iron and steel mission	1/1	-	1.5	-
70/842 IRQ-10	SIS	2 Small steel foundry project	-	1/6	-	1.0
70/871 IRQ-12	SIS	2 Merchant steel rolling mill project	-	1/6	-	1.5
70/872 IRQ-13	SIS	2 Electric steelmelting project	-	1/6	-	1.5
70/872 IRQ-14	SIS	2 Steel market and demand projections	-	1/4	-	1.5

Region, country and project No.	Pre-Group	Project title	1968	1971	1972	1970	1971	1972	Cost (in '000 US\$)
			Reports s/m	1971	1972	1970	1971	1972	
EUROPE AND THE MIDDLE EAST (cont'd)									
AFRICA (cont'd)									
70/962 IRQ-15	SIS	1 Organization and operation of Iskandria tractors, implements and allied engineering industries	-	1/3	-	-	-	-	6.0
70/981 IRQ-17	SIS	1 Assistance to the electric cable industry	-	1/4	-	-	-	-	8.0
ISRAEL									
ISR-11	SP	8 Industrial Research Centre - <u>Duration:</u> to assist in promoting the application of findings of pure research to industrial production as a means of accelerating industrial development. The work of the Centre is devoted to food technology, plastics, textiles, fibres and some aspects of inorganic and organic chemistry, primarily significant for potential export industries. The project has been operational since April 1966.				Reports	40.2	200.0	99.6
						Fellows	24.2	100.0	31.1
						Other (incl. equipment and subcontracting)	58.7	80.0	19.9
ISR/70/2	TA	1 Hat and belt manufacturing	-	-	-	1/6	-	-	3.7
ISR/70/5	TA	1 Training of engineers in advanced industrial automation	-	2/10	-	-	4/20	-	30.3
ISR/01/1/1	RP	1 Engineering industries	-	-	-	-	1/3	-	2.2
69/502 ISR-2	SIS	2 Assistance to metal finishing industry	2/6	-	-	-	-	-	11.6
69/508 ISR-4	SIS	6 Assistance to Government Mint	-	1/2	-	-	-	-	4.0
69/511 ISR-3	SIS	6 Consultant to the clothing industry	1/3	-	-	-	-	-	6.0
69/635 ISR-9	SIS	10 ^h Industrial management - modern management techniques	-	1/12	-	-	-	-	24.0
69/670 ISR-5	SIS	1 Material handling consultancy services	1/3	1/3	-	-	-	-	6.0
70/863 ISR-8	SIS	6 Quality control in the textile industry	-	1/2	-	-	-	-	4.0
70/914 ISR-6	SIS	6 Expert for fruit and vegetable preserves industry - problems of packaging and dispatching	-	1/6	-	-	-	-	12.0
70/969 ISR-7	SIS	6 Assistance to the quality control of furniture	-	1/2	-	-	-	-	4.0

Approved: January 1964 UNDP: \$1,266,500
Duration: 5 years Gov't: \$9,055,333

Region, country and project No.	Pre-Group	Project title	Reports n/a	Follows n/a	Cost (in '000 US\$)
			1970	1971	1972
JORDAN AND THE MIDDLE EAST (cont'd)					
Jordan					
JOR-13	12	Centre for industrial development, Amman - TRAINING: to assist, in association with ILO, the Government to establish a centre for industrial development. The centre will provide advice and assistance to the Jordan Development Board in the formulation of industrial plans, prepare surveys of the industrial structure, prepare feasibility studies, formulate and evaluate industrial projects and establish product standards and quality control. The project became operational in July 1968. Approved: January 1967 UNDP: \$1,153,100 Duration: 4 years Gov't: \$534,926	-	-	-
JOR/69/8	1	Mechanical engineering	-	1/12	6.4
JOR/03/1/1	3	Construction and building materials	-	2/12	6.8
ID/MP/01-2	1	Engineering industries	1/4	-	7.7
70/710 JOR-9	6	Assistance to the wood furniture industry	-	-	4.0
1/10	1	Mobile repair units for maintenance and repair of industrial equipment	-	1/2	20.9
1/1	3	Laboratory test of "buff" building material	-	-	1.7
KUWAIT					
KUW/68/2	8	Standardization and quality control	1/5	1/7	10.0
KUW/05/1/1	5	Fertilizers, pesticides and petrochemicals	-	-	2.2
69/699 KUW-5	13	Exploratory mission on industrial licensing	1/0.5	-	1.0
70/832 KUW-6	12	Industrial planning mission	1/1	2/11	2.0
Lebanon					
LIB/69/5	12	Industrial development	-	1/3	6.0
LIB/70/9	6	Sunflower products and by-products	-	1/2	6.4
LIB/10/1/1	12	Industrial planning and programming	-	-	3.4
ID/MP/11-1	11	Small-scale industries	-	1/6	3.4
		Reports	187.5	50.0	-
		Follows	6.3	-	-
		Other (incl. equipment and subcontracting)	12.1	30.0	-
		Other	-	-	-
		Other	-	-	-
		Other	10.0	14.0	-
		Other	-	1/3	2.2
		Other	1.0	-	-
		Other	2.0	22.0	-
		Other	-	-	-
		Other	-	-	6.0
		Other	-	1/3	6.4
		Other	-	1/6	3.4
		Other	3.4	-	-

Reg. no. and country and project no.	Pre-Group	Group	Project title	Experts		Followers		Cost (in '000 US\$)			
				m/a	m/a	m/a	m/a	1970	1971	1972	
EUROPE AND THE MIDDLE EAST (cont'd)											
Lebanon (cont'd)											
70/949 LEB-3	SIS	13	Exploratory mission to determine UNIDO assistance to the Government of Lebanon and the establishment of the agencies for finance and investment promotion and the international industrial free zone	2/1	-	-	-	1.3	-	-	
Malta											
MAT/11/1/1	RP	11	Small-scale industries	-	-	-	1/6	-	3.4	-	
ID/RP/04-2	RP	4	Chemical industries	1/3	-	-	-	5.8	-	-	
70/808 MLT-2	SIS	6	Adviser in light industries	1/2	-	-	-	4.0	-	-	
Peoples' Democratic Republic of Yemen											
SOY/69/12	TA	11	Small-scale industries	-	1/12	-	-	-	24.0	-	
SOY/11/1/1	RP	11	Small-scale industries	-	-	-	2/12	-	6.8	-	
68/450 SOY-3	SIS	4	Assistance to rehabilitate the salt industry	1/2	-	-	-	4.0	-	-	
70/756 SOY-7	SIS	5	Composition of town's waste at Aden	-	-	-	-	-	12.5	-	
70/792 SOY-4	SIS	6	Textile technologist	-	1/2	-	-	-	4.0	-	
1/11	GTP	1	Mobile repair units for maintenance and repair of industrial equipment	-	-	-	-	-	20.9	9.1	
Poland											
POL/69/1	TA	4	Industrial technology	-	-	-	2/6	-	1.8	-	
POL/69/3	TA	5	Industrial programming and project planning	-	-	-	5/15	-	6.8	-	
POL/69/20	TA	12	Computing techniques	-	-	-	1/3	-	0.5	-	
POL/59/28	TA	1	Mechanical and electrical industries - optics	-	-	-	8/48	-	14.4	-	
POL/69/30	TA	4	Water sewage in fibreboard industry	-	-	-	1/4	-	1.2	-	
POL/70/1	TA	2	Iron and steel production	1/1	-	-	-	-	2.0	-	
POL/70/2	TA	1	Industrial development machinery	-	-	-	13/51	6/38	15/60	16.7	12.3
POL/70/3	TA	4	Chemical industries	-	-	-	24/95	-	29.4	-	
POL/70/5	TA	6	Light industries	-	-	-	22/72	20/75	20/75	21.6	22.5
							4/19	10/60	10/60	5.7	18.0

Region, country and project No.	Pre-Group	Project title	Experts		Fellows		Cost (in '000 US\$)		
			n/a	n/a	1970	1971	1972	1970	1971	1972
EUROPE AND THE MIDDLE EAST (cont'd)									
Poland (cont'd)									
POL/70/15	TA	Machine tools and metal machinery	-	-	1/6	-	1.8	-	-
POL/70/17	TA	Electroplating	-	-	1/6	-	1.8	-	-
POL/70/20	TA	Textile industry	-	-	1/2	-	0.6	-	-
POL/70/21	TA	Digital position speed control systems	-	-	1/2	-	0.6	-	-
POL/10/1/1	NP	Industrial training and management	-	-	-	3/18	-	7.2	-
ID/NP/01-3	NP	Engineering industries	-	-	2/6	-	3.0	-	-
ID/NP/02-2	NP	Metallurgical industries	-	-	2/11	-	5.5	-	-
ID/NP/05-4	NP	Chemical industries	-	-	1/3	-	1.5	-	-
69/560 POL-3	SIS	Assistance in reorganization and improvement of management in existing and newly-designed plants	-	-	-	Consulting firm	60.0	53.5	-
Romania									
ROM/69/2	TA	Metallurgical quality control	1/1	-	1/3	1/3	3.4	1.4	1.4
ROM/69/3	TA	Electronic spare parts production	-	2/4	-	-	-	5.0	-
				Equipment				1.5	
ROM/69/4	TA	Study of heterogeneous catalysis	-	-	-	-	1.4	-	-
ROM/69/5	TA	Production of machine tools with numerical programming	-	1/2	-	-	-	4.0	-
				Equipment				1.4	
ROM/69/6	TA	Industrial metrology	-	-	-	-	0.5	1.0	1.0
				Equipment				1.0	
ROM/70/1	TA	Technology of steel production	-	-	1/3	1/3	1.4	1.4	1.4
ROM/70/2	TA	Research and development of semi-conductors	-	-	1/3	1/3	1.4	1.4	1.4
ROM/70/3	TA	Technology of heat-resisting alloys and super alloys	-	-	2/6	1/3	2.2	1.4	1.4
ROM/70/4	TA	Micro-structure of textile fibres	-	-	2/6	2/6	1.5	1.5	1.5
ROM/70/5	TA	Treatment and utilization of stere-regular polymers	-	-	2/6	2/6	1.5	1.5	1.5
ROM/70/7	TA	Technology of glass production	-	-	2/6	2/6	1.5	1.5	1.5
				Equipment			0.5	0.5	0.5
ROM/70/18	TA	Technology of flour paste ware production	-	-	2/6	1/3	1.5	1.5	1.5

Region, country and organization: SAU-14 Pre-Group: 12 Project title: Industrial studies and development center, Riyadh - Kingdom of Saudi Arabia Reports: 1/6 Follow-up: 1/6 Cost (in '000 US\$): 106.4 1972

REPORTS AND OTHER MATERIALS (cont'd)

Region, country and organization	Pre-Group	Project title	Reports	Follow-up	Cost (in '000 US\$)
SAU-14	12	Industrial studies and development center, Riyadh - Kingdom of Saudi Arabia to assist in the establishment and initial operation of an industrial studies and development center with the following functions: to advise the responsible authorities on industrial policies and programs to assist in carrying out or commissioning industrial feasibility studies concerning the establishment, financing and operation of new industries, in the planning, management and operation of industrial estates, and in the establishment and initial operation of a model industrial estate. The project became operational in March 1966. A supplementary contract approved in January 1971 extended the project for an additional 2 1/2 years.	1/6	1/6	106.4
		Approved June 1965 UNDP 8966,500 Duration: 6 1/2 years Cost: \$2,667,000			
SAU/05/1/1	5	Fertilizer, pesticides and petrochemicals	-	1/6	1.4
ID/05/09-4	9	Industrial information and promotion	1/3	-	6.0
ID/05/11-2	11	Small-scale industries	1/7	-	13.8
ID/05/12-3	12	Long-range programming in technical assistance	1/1	-	2.0
70/728 SAU-6	1	Assistance in maintenance and repair	-	1/6	12.0
70/743 SAU-8	2	Assistance to the steel industry (PETROBRAS)	-	1/6	12.0
70/833 SAU-9	10a	Assistance in industrial management training (PETROBRAS)	-	1/6	12.0
70/834 SAU-10	9	Assistance to the technical library (PETROBRAS)	-	1/6	12.0
70/853 SAU-3	8	Expert in industrial standardization and quality control	-	1/3	6.0
70/916 SAU-12	10b	Exploratory mission for assistance to the General Petroleum and Mineral Organization (PETROBRAS) in management information systems	1/0.5	-	1.0
70/962 SAU-4	13	Industrial policy adviser (PETROBRAS)	-	1/3	6.0
9014-70	12	Project evaluation (PETROBRAS)	-	1/12	25.4

Reports 106.4 113.2 127.4
 Follow-up 2.6 11.6 11.6
 Other (incl. equipment and subcontracting) 64.3 8.0 8.0

Region, country and project no.	Pre-Group	Group	Project title	Experts m/m			Fellows m/m			Cost (in '000 US\$)			
				1970	1971	1972	1970	1971	1972	1970	1971	1972	
EUROPE AND THE MIDDLE EAST (cont'd)													
Spain													
SPA-12	SP	1	Electrical industry testing and experimentation centre - Purposes: to assist the Government in establishing a centre near Madrid to carry out testing and advisory services for the electrical industry. During the first year of project operations, the overall engineering design, preparation of bid specifications and assessment of tenders received will be undertaken under a design and management contract. Major purchase and installation of equipment will take place during the second year. The Plan of Operation has been drafted and the project manager is under recruitment. Approved: January 1970 UMDP: \$693,500 Duration: 2 years Gov'ts \$3,934,000	1/1	-	-	-	-	11.7	14.4	14.0	-	-
SPA/70/1	TA	15	Technology of packaging										
SYRIA													
SYR-34	SP	12	Establishment of the bureau of industrial project evaluation and feasibility studies - Purposes: to assist the Government to establish and strengthen the bureau with a view to making full and rational use of the country's natural and energy resources and industrial by-products. A Plan of Operation is being drafted. Approved: January 1970 UMDP: \$531,500 Duration: 3 1/2 years Gov'ts \$390,000										
SYR/01/1/1	RP	1	Engineering industries										
SYR/14/1/2	RP	14	Promotion of export-oriented industries										
ID/RP/05-3	RP	5	Fertilizer industries										
68/306 SYR-8	SIS	2	Assistance to steel rolling mill	1/10	-	-	-	-	-	-	-	2.2	-
68/309 SYR-5	SIS	5	Assistance to Homs Nitrogen Fertilizer Project	4.5	-	-	-	-	-	-	-	22.0	-
68/325/Rev.1 SYR-3	SIS	5	Study of fertilizer requirements and area production	1/3	1/3	-	-	-	-	-	-	8.5	-
												5.5	5.5
												4.0	109.8
												25.0	14.4
												1.0	77.1
												2.0	-
												2.0	151.5
												29.0	29.0

Region, country and UN/ISCT No. Pre-Group Project title Reports w/a Fellows w/a Cost (in '000 US\$) 1970 1971 1972

EUROPE AND THE MIDDLE EAST (cont'd)

Region, country and UN/ISCT No.	Pre-Group	Project title	Reports w/a	Fellows w/a	Cost (in '000 US\$)	1970	1971	1972
SYRIA (cont'd)								
68/441 SYR-12	SIS	1 Assistance to the electric cable industry	- 1/6	-	-	-	12.0	-
68/445 SYR-4	SIS	4 Advice on industrial utilization of sodium chloride	1/1 1/2	-	-	2.0	4.0	-
68/448 SYR-14	SIS	3 Assistance to asbestos-cement processing factory	-	Consulting firm	17.6	-	-	-
69/492 SYR-17	SIS	1 Complex service team in maintenance and repair of industrial equipment	2/12	-	-	24.0	-	-
69/509 SYR-19	SIS	5 Adviser on natural gas development - petrochemicals and fertilizers	- 1/6	-	-	-	12.0	-
69/513 SYR-18	SIS	2 Assistance to "Integrated Iron and Steel Industry"	2/4	-	-	9.0	-	-
69/535 SYR-16	SIS	5 Assistance to insecticides industry	- 1/3	-	-	-	6.0	-
69/536 SYR-15	SIS	1 Assistance to radio and TV industry	- 2/6	-	-	-	12.0	-
69/579 SYR-22	SIS	6 Beer processing	1/2 1/4	-	-	4.0	8.0	-
69/607 SYR-23	SIS	1 Assistance to engineering works in Aleppo	1/1	-	-	2.0	-	-
70/936 SYR-27	SIS	4 Evaluation and feasibility study of salt production from lakes or from the sea	- 1/4	-	-	-	8.0	-
70/937 SYR-28	SIS	4 Feasibility study of the manufacture of sulphuric acid and cement from gypsum	-	-	-	-	6.0	-
1/1	CTP	1 Mobile repair shops for maintenance and repair of industrial equipment	-	Other	21.6	1.0	-	-
9021-70	FIT	1 Interpreter for SIS project Syria (17)	1/6	-	-	12.0	-	-
TURKEY								
TUR-25	SF	11 Small industries development programme - Purpose: to assist, in association with ILO, in the establishment of a small industries development centre in Ankara and a demonstration industrial estate in Gaziantep to promote the development of small-scale industries through training and demonstration. Activities began under a preliminary allocation from IMPD in December 1967. The Plan of Operation was signed in June 1970, and the project was	-	Experts	46.0	170.1	10.0	-
				Fellows	-	12.0	1.0	-
				Other (incl. equipment and subcontracting)	-	1.0	1.0	-

Region, country and project no.	Pre-Group	Group	Project title	Experts n/m			Fellows n/m			Cost (in '000 US\$)					
				1970	1971	1972	1970	1971	1972	1970	1971	1972			
EUROPE AND THE MIDDLE EAST (cont'd)															
Turkey (cont'd)															
TUR-29	SF	10a	declared fully operational on 24 September 1970. Approved: January 1968 UMDP: \$962,800 Duration: 5 years Gov't: \$1,240,000 In-plant training centre for engineers, Kirikkale - Purpose: to provide, in association with ILO and UNESCO, intensive practical pre-employment and upgrading training for engineers in the metalworking industries. Preliminary operations were begun in December 1968. The project manager began his assignment in November 1970, and the Plan of Operation is being negotiated with the Government.	Experts	10.9	168.0	192.0	Fellows	-	40.0	40.0	Other (incl. equipment and subcontracting)	1.0	215.0	165.7
TUR-30	SF	6	Approved: January 1968 UMDP: \$1,420,300 Duration: 5 years Gov't: \$3,000,000 Central Research and tannery institute for hides, skins and leather, Istanbul - Purpose: to provide, with FAO as executing agency, expert services in leather technology, leather chemistry, leather goods manufacturing, footwear manufacturing and marketing. The project began activities in September 1968 under a preparatory allocation from UNDP.	Experts	-	45.0	60.0	Experts	-	45.0	60.0	Experts	-	45.0	60.0
TUR/68/1	TA	4	Approved: June 1969 UMDP: \$576,800 Duration: 5 years Gov't: \$926,000 Industrial planning	1/12	1/12	-	-	24.0	24.0	-	-	-	-	-	-
TUR/68/2	TA	12	Upgrading and briquetting of lignite	1/2	-	-	-	4.0	-	-	-	-	-	-	-
TUR/68/3	TA	2	Chemical engineering - cement manufacturing	1/4	1/6	-	-	8.0	12.0	-	-	-	-	-	-
TUR/68/11	TA	3	Metallurgical industry	1/6	1/1	-	-	12.0	2.0	-	-	-	-	-	-
TUR/68/12	TA	2	Assistance to the aluminium industry - Etibank	1/12	1/12	1/4	-	24.0	24.0	-	-	24.0	24.0	8.0	-
TUR/69/4	TA	3	Development of cement industry	3/9	1/3	-	-	18.0	6.0	-	-	-	-	-	-
TUR/69/14	TA	1	Industrial engineering	-	-	-	1/5	1.5	-	-	-	-	-	-	-
TUR/69/16	TA	10b	Operational research	-	-	-	1/12	5.4	-	-	-	-	-	-	-

Region, country and project no.	Pro-gramme	Group	Project title	Reports					Fellows					Cost (in '000 US\$)		
				1970	1971	1972	1970	1971	1972	1970	1971	1972	1970	1971	1972	
<p>the industrial growth of the country. The Centre will co-ordinate research aimed at solving operational problems, provide advice to industrial managers and assist in the introduction of modern problem solving techniques. Activities began under a preliminary allocation from UNDP in 1970. The project manager was recruited in October 1970.</p> <p>Approved: January 1970 UNDP: \$932,100 Duration: 3 years Govt: \$1,425,000</p>																
YUG/68/8	TA	1	Modern technology mastering in Bosnia and Herzegovina - iron and steel metallurgy	-	2/4	-	-	-	-	-	-	-	-	4.0	-	-
YUG/10/1/1	RP	10b	Industrial training and management	-	4/6	1/2	5/16	8/16	5/11	9.0	4.0	1.0	20.0	-	-	-
10/10/1-4	RP	1	Engineering industries	-	-	-	-	2/6	-	-	-	4.4	-	-	-	-
10/10/1-5	RP	3	Building materials industries	-	-	-	-	2/6	-	3.0	-	-	-	-	-	-
10/10/1-6	RP	6	Food and light industries	-	-	-	-	1/2	-	1.0	-	-	-	-	-	-
10/10/1-3	RP	10b	Industrial management	-	-	-	-	6/36	-	20.4	-	-	-	-	-	-
68/339 YUG-3	SIS	10b	Establishment of a market research and product forecasting programme for a group of industries	-	-	-	-	2/4	-	2.0	-	-	-	-	-	-
68/340 YUG-4	SIS	10b	Establishment and management of a computer based production planning and control system at the shipyards "3 May" and "Tito"	1/3	1/9	-	-	-	-	6.0	12.0	-	-	-	-	-
68/342 YUG-6	SIS	10b	Assistance to "21 May" automobile engines manufacturing plant	-	1/6	-	-	-	-	-	-	-	-	11.0	-	-
68/343 YUG-13	SIS	10b	Assistance to "14 October" mechanical factory	1/5	-	-	-	-	-	9.5	-	-	-	-	-	-
68/345/Rev.1 YUG-9	SIS	10b	Assistance to the "14 October" mechanical factory	1/3	-	-	-	-	-	6.0	-	-	-	-	-	-
68/346 YUG-12	SIS	5	Assistance to petrochemical industries	1/4	1/2	-	-	-	-	8.0	4.0	-	-	-	-	-
68/347 YUG-11	SIS	6	Assistance to beer fermentation	-	-	-	-	-	-	22.5	-	-	-	-	-	-
	SIS	10b	Assistance to furniture factory	2/11	-	-	-	-	-	21.2	-	-	-	-	-	-

EUROPE AND THE MIDDLE EAST (cont'd)
YUGOSLAVIA (cont'd)
YUG-11 (cont'd)

Region, country and project no.	Pre-Group	Group	Project title	Reports #/m			Felloes #/m			Cost (in '000 US\$)		
				1970	1971	1972	1970	1971	1972	1970	1971	1972
EUROPE AND THE MIDDLE EAST (cont'd)												
Yugoslavia (cont'd)												
68/431 YUG-5	SIS	10b	Establishment and management of a computer based production planning and control system at "Energoinvest", Sarajevo and "Hasan Brkic", Zenica				Consulting firm			7.0	13.0	-
68/437 YUG-9B	SIS	5	Assistance to petrochemical industry	1/6	-	-	-	-	-	12.0	-	-
68/438 YUG-9C	SIS	5	Assistance to petrochemical industry	-	2/8	-	-	-	-	-	10.0	-
68/456 YUG-7A	SIS	2	Vacuum steel degassing project				Consulting firm			6.0	-	-
69/455 YUG-14	SIS	6	Assistance to the wood industrial enterprise "Janj" in Donji Vakuf	1/4	-	-	1/3	-	-	10.5	-	-
69/459 YUG-7D	SIS	2	Stainless and alloy steel rolling	1/2	-	-	-	-	-	4.0	-	-
69/460 YUG-7E	SIS	2	Iron and steel expert				Consulting firm			-	8.0	-
69/461 YUG-7F	SIS	2	Steel ingot reheating and soaking project				Consulting firm			7.0	-	-
69/466 YUG-16	SIS	6	Assistance to the "Crni Bor" wood industrial enterprise in Prilep				Consulting firm			6.0	-	-
69/566 YUG-17	SIS	5	1. Production development trends and by-product finalization 2. Processing of coal into fuels and complex fertilizers	3/3	-	-	-	-	-	7.5	-	-
69/700 YUG-18	SIS	6	Explorer mission to Banja Luka to report on damages to various factories caused by the recent earthquakes - 26-27 October 1969	3/0.5	-	-	-	-	-	0.4	-	-
70/555 YUG-31	SIS	5	Evaluation of the long-range development of petrochemicals	-	-	3/2	-	-	-	-	4.5	-
70/809 YUG-20	SIS	4	Improvement of paper mill operation - reduction of losses of fibres and films and their re-use in the process				Consulting firm			6.0	6.0	-
70/816 YUG-21	SIS	1	Handling and transportation of semi-processed materials and finished products				Consulting firm			1.5	2.5	-
70/829 YUG-22	SIS	1	Materials handling equipment				Consulting firm			1.0	-	-
70/821 YUG-23	SIS	6	Assistance to the "VREAS" wood industrial combine at Banja Luka	-	1/2	-	4/8	-	-	-	1.0	-
							Equipment			-	1.0	-

Region, country and project no.	Pre-Group Programme	Project title	Experts m/m			Fellows m/m			Cost (in '000 US\$)				
			1970	1971	1972	1970	1971	1972	1970	1971	1972		
EUROPE AND THE MIDDLE EAST													
Yugoslavia (cont'd)													
70/848 YUG-24	SIS	6	-	-	-	-	2/6	-	-	4.7	-	-	
							Consulting firm			20.0			
							Equipment			43.4			
70/852 YUG-25	SIS	4	1/3	1/3	-	-	14/36	-	6.0	30.2	-	-	
							Consulting firm			70.0			
70/880 YUG-26	SIS	1					Consulting firm			12.0			
70/881 YUG-27	SIS	1					Consulting firm			6.0			
70/893 YUG-28	SIS	1	-	1/1.5	-	-	-	-	-	3.0	-	-	
70/980 YUG-32	SIS	10b	-	1/1.5	-	-	-	-	-	2.5	-	-	
Regional													
EME/69/27	TA	13	-	6/1	-	-	14/1	-	-	20.0	-	-	
							Other			5.0			
EME/12/1/1	RP	12	-	1/12	-	-	-	-	-	27.0	-	-	
ID/RP/12-2	RP	12	1/12	-	-	-	-	-	24.5	-	-	-	
70/797 ME-3	SIS	3	2/1.5	-	-	-	-	-	3.5	-	-	-	
INTERREGIONAL													
INTREG-13	SP	10a	Advanced industrial training for the electrical and electronics industries - Purpose: in association with local industry, to use the training facilities offered by the Government of the Netherlands at the Research Institute for Management Science (R.V.B.) Delft, to assist governments to meet urgent needs for trained engineers and specialists in the electrical and electronics industries. Joint activities will include group in-plant training for managers and engineers from developing countries on management and production techniques and publication of									25.8	25.8
							Experts			51.0			
							Fellows			51.0			
							Other (incl. equipment and subcontracting)			1.6		6.5	

Region, country and Project No. Pre-Group Project title Experts n/s Fellows n/s Cost (in '000 US\$) 1970 1971 1972

INTERNATIONAL (cont'd)

INTREG-13 (cont'd)

training and other related materials.
The Plan of Operation is under preparation.

Approved: January 1970 UNDP: \$275,000
Duration: 3 years Gov't: \$138,000

10a Higher training for textile industries -
Purpose: to use the training facilities offered by the Government of Poland at the Textile Research Institute to assist governments to meet urgent needs for trained engineers and specialists in the textile industry. Project activities will include group in-plant training courses for managers and engineers from textile industries in developing countries and publications of training and other related materials. The Plan of Operation is under preparation.

Approved: January 1970 UNDP: \$179,600
Duration: 3 years Gov't: \$342,000

10a In-plant training in electrical engineering, Sweden

10a In-plant training in pulp and paper industry, Sweden

8 Seminar on the organization and administration of industrial services for countries of Asia and the Middle East

9 Workshop for industrial information officers in Africa and Asia

10a In-plant training programme for production engineers in the metalworking industry, Union of Soviet Socialist Republics

10a Group training programme for engineers in the field of food processing

10a In-plant training in the shoe industry, Czechoslovakia

1 Symposium on maintenance and repair in developing countries

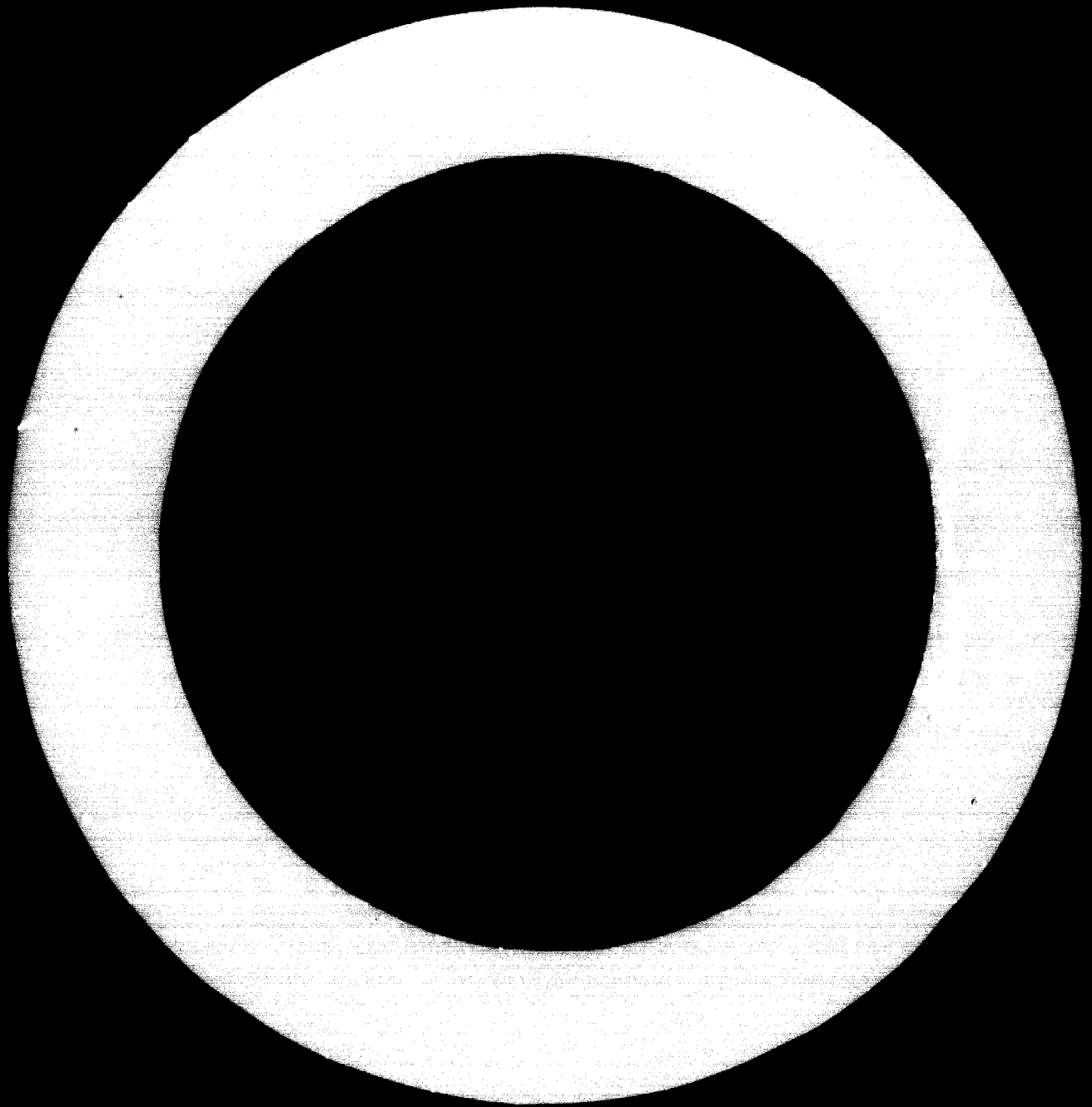
Experts 4.3 25.2 25.2
Fellows 23.3 23.0 23.0
Other (incl. equipment and subcontracting) 1.5 6.5

Region, country and Project No.	Pre-Group	Project title	Experts n/s	Fellows n/s	Cost (in '000 US\$)	1970	1971	1972
INT/68/2	TA	10a In-plant training in electrical engineering, Sweden	-	20/60	-	27.0	-	-
INT/68/9	TA	10a In-plant training in pulp and paper industry, Sweden	-	12/36	-	16.0	-	-
INT/69/2	TA	8 Seminar on the organization and administration of industrial services for countries of Asia and the Middle East	5/3	25/12	-	20.5	-	-
			Other			2.5	-	-
INT/69/5	TA	9 Workshop for industrial information officers in Africa and Asia	-	25/10	-	33.0	-	-
			Other			0.5	-	-
INT/69/6	TA	10a In-plant training programme for production engineers in the metalworking industry, Union of Soviet Socialist Republics	-	13/52	-	11.0	-	-
INT/69/7	TA*	10a Group training programme for engineers in the field of food processing	-	-	20/60	-	20.0	-
INT/69/8	TA	10a In-plant training in the shoe industry, Czechoslovakia	-	-	20/60	-	20.0	-
INT/69/11	TA	1 Symposium on maintenance and repair in developing countries	9/3	30/15	-	36.0	-	-
			Other			2.0	-	-

Region, country and project no.	Pre-Group Grants	Project title	Reports n/m			Fellows n/m			Cost (in '000 US\$)		
			1970	1971	1972	1970	1971	1972	1970	1971	1972
INTERREGIONAL (cont'd)											
INT/69/12	TA 2	Seminar on copper production and group study tour of copper plants in the Union of Soviet Socialist Republics	3/1	-	-	10/5	-	-	10.0	-	-
INT/69/13	TA 4	Seminar of basic chemicals	-	8/3	-	-	30/15	-	-	24.0	-
INT/69/16	TA 5	Seminar in plastics technology for developing countries	3/1	-	-	15/45	-	-	10.0	-	-
INT/69/19	TA 14	Training course in the development of industrial exports	-	-	-	-	20/50	-	-	34.0	-
INT/69/20	TA 15a	Training workshop in methods of industrial surveys	4/3	-	-	13/13	-	-	23.2	-	-
INT/69/21	TA 10a	In-plant training in the field of oil engines, Czechoslovakia	-	-	-	14/64	-	-	14.0	-	-
INT/69/22	TA 13	Workshop on industrial banking techniques	3/2	-	-	15/15	-	-	18.0	-	-
INT/69/24	TA 13	Training programme in investment procedure techniques	2/1	-	-	12/12	-	-	18.0	-	-
INT-REG/01/1/1	RP 1	Engineering industries	-	1/12	-	-	-	-	-	27.0	-
INT-REG/02/1/2	RP 2	Metallurgical industries	-	1/12	-	-	-	-	-	27.0	-
INT-REG/05/1/3	RP 5	Petrochemical industries	-	1/12	-	-	-	-	-	27.0	-
INT-REG/11/1/4	RP 11	Small-scale industries	-	1/12	-	-	-	-	-	27.0	-
INT-REG/12/1/5	RP 12	Industrial programming and policies	-	2/24	-	-	-	-	-	54.0	-
ID/MP/01-11	RP 1	Symposium on maintenance and repair in developing countries	-	-	-	25/6	-	-	-	25.0	-
ID/MP/02-3	RP 2	Metallurgical industries	1/12	-	-	-	-	-	24.5	-	-
ID/MP/05-4	RP 5	Petrochemical industries	1/12	-	-	-	-	-	24.5	-	-
ID/MP/05-8	RP 5	Course in fertilizers	-	-	-	10/30	-	-	-	8.0	-
ID/MP/06-10	RP 6	Food and light industries	1/12	-	-	-	-	-	24.5	-	-
ID/MP/10-9	RP 10a	Sixth in-plant group training programme in iron and steel industries, Zaporozhye	-	-	-	40/200	-	-	138.0	-	-
ID/MP/12-6	RP 12	Industrial programming and policies	2/24	-	-	-	-	-	49.0	-	-
ID/MP/13-2	RP 13	Promotion of investment and financing for specific industrial projects	2/12	-	-	-	-	-	24.5	-	-
ID/MP/13-7	RP 13	Investment promotion	-	-	-	6/6	-	-	4.0	-	-

Region, country and project no.	Pre-Group	Group	Project title	Experts m/m		Fellows m/m		Cost (in '000 US\$)				
				1970	1971	1972	1970	1971	1972	1970	1971	1972
INTERNATIONAL (cont'd)												
69/669	INTREG-9	SIS	8	Assistance to the Arab Organization for Standardization and Metrology (ASMO)	-	2/12	-	-	-	28.0	-	
69/672	INTREG-12	SIS	9	Assistance to IDCAS in industrial surveys and industrial information	1/3	1/3	-	-	-	6.0	6.0	
			15a		2/5	1/4	-	-	-	7.5	8.0	
70/712	INTREG-10	SIS	12	Regional co-operation in establishment of manufacturing units in the heavy electrical and heavy engineering branches of industry	2/6	2/18	-	-	-	16.0	48.0	
					Consultants						-	59.0
70/731	INTREG-13	SIS	1	Assistance to Industrial Development Centre for Arab States	1/1	1/5	-	-	-	2.0	10.0	
			3		-	1/6	-	-	-	-	12.0	
			5		-	1/6	-	-	-	-	12.0	
			6		1/2	2/10	-	-	-	4.0	20.0	
			12		-	1/6	-	-	-	-	12.0	
70/824	INTREG-14	SIS	10a	In-plant group training programme in mechanical engineering industry	-	-	-	14/35	-	24.9	-	
70/898	INTREG-12	SIS	15b	Consultation with IDCAS on regional packaging institute	1/0.25	-	-	-	-	0.1	-	
00/9(b)		GTF	15b	Participation of UNIDO in missions and expert meetings to examine and discuss textile, fertilizers, petrochemicals and iron and steel industries in the Arab countries (in co-operation with IDCAS)	15/2	-	-	-	-	4.0	-	
					Other						11.0	
00/9(c)		GTF	12	Additional costs for widening the scope of meetings on industrial profiles and industrial surveys in co-operation with the Industrial Development Centre for Arab States (IDCAS)							1.0	
00/9 (r)		GTF	15a	Examination and planning of industrial surveys in 5 Arab countries							0.8	
00/12		GTF	12	Invitation to the RCD Secretary General to discuss with UNIDO officials the programme for utilization of voluntary contributions from Iran, Pakistan and Turkey	1/0.25	-	-	-	-	-	0.2	-

Region, country and subsector No.	Pro-Group	Project title	Experts n/a	Fellow n/a	Cost (in '000 US\$)
			1972	1971	1972
INTERNATIONAL (cont'd)					
10a/1	GTP 10a	In-plant training programme for production engineers in metalworking industry	Participants	(25/50)	59.1
10a/3	GTP 10a	In-plant group training programme in the field of shoes industry	Participants	(20/60)	66.4
10a/6 Rev.1	GTP 10a	In-plant group training programme in the field of mineral fertilizers industry	Participants	.....	30.0
10a/7	GTP 10a	In-plant training programme for production engineers in metalworking	Participants	(25/100)	55.0
10a/9	GTP 10a	In-plant group training programme for engineers in the field of o.l engines	Participants Other	(20/75)	11.9 39.5 18.6
10a/20	GTP 10a	In-plant group training programme for engineers in the field of food processing industry	Participants	(20/60)	25.0
10a/22 (OO/9 (h))	GTP 10a	Fellowships for training and briefing of staff of the Industrial Development Centre for Arab States (IDCAS) and advisers principally related to the activities and programmes of UNIDO	Participants	.....	6.1
11/3	GTP 11	Technical meeting on small industries in the MED countries	Participants	(16/5)	7.4
12/12 Rev.1 (OO/9 (d))	GTP 12	Training shops on the preparation and analysis of industrial establishment profiles in Arab States (in co-operation with the Industrial Development Centre for Arab States)	Other	.....	34.5
12/13 Rev.1	GTP 12	Working party on industrial programming data			11.0
12/14	GTP 12	Training workshop on the implementation of industrial projects and related systems	Participants Other	(17/9)	7.1 10.3 0.6
14/6	GTP 14	Expert group meeting on industrial co-operation between developed and developing countries for experts	Participants	(13/2.5)	5.5



LIST TWO

**UNDP/SPECIAL FUND PROJECTS UNDER PREPARATION
FOR APPROVAL DURING 1971 AND 1972.
BY GROUPS OF ACTIVITIES**

UNDP/Special Fund - forecast for 1971 and 1972

GROUP 1

Africa

Workshop and repair and maintenance facilities for boats and engines
Repair and maintenance shop for fishing boats
Quality control centre for engineering industries

The Americas

Repair and maintenance facilities

GROUP 2

Africa

Assistance to foundries
Institute for iron and steel technology

The Americas

National metallurgical research centre

Asia and the Far East

Centre for metallurgical technology

Europe and the Middle East

Development of metallurgical and allied chemical industries

GROUP 4

The Americas

Demonstration plants for solar salt production
Research centre for industrial fermentation

GROUP 5

Africa

Fertilizer production, promotion and use
Exploitation of methane gas from Lake Kivu

Asia and the Far East

Demonstration plant for production of synthetic fibres

GROUP 6

The Americas

Research centre for industrial fermentation

Asia and the Far East

Assistance to tanning and leather industry
Leather goods development
Camel hair and goat fluff processing
Assistance to shoe and leather industry
Assistance to textile industry

Europe and the Middle East

Assistance to textile industries

UNDP/Special Fund - forecast for 1971 and 1972 (cont'd)

GROUP 3

Africa

Industrial research centre
Standards, applied metrology and instrument centre

The Americas

Institute of technological research (Industrial Information Services)
Centre for research in industrial technology
Assistance to development institute

Europe and the Middle East

Centre for metrology, standards and instrument repair

GROUPS 10a and 10b

Interregional

Diesel engineering training programme
Training in maintenance of railway equipment

GROUP 11

Africa

Establishment of industrial development park
Assistance to small-scale industry

GROUP 12

Africa

Industrial studies and development centre

The Americas

Industrial development in a region

Europe and the Middle East

Strengthening the technical department of a development corporation
Assistance in project evaluation, implementation, planning and control

GROUP 13

Africa

Assistance to a ministry of industry

Asia and the Far East

Industrial development advisory team

Europe and the Middle East

Investment promotion agency

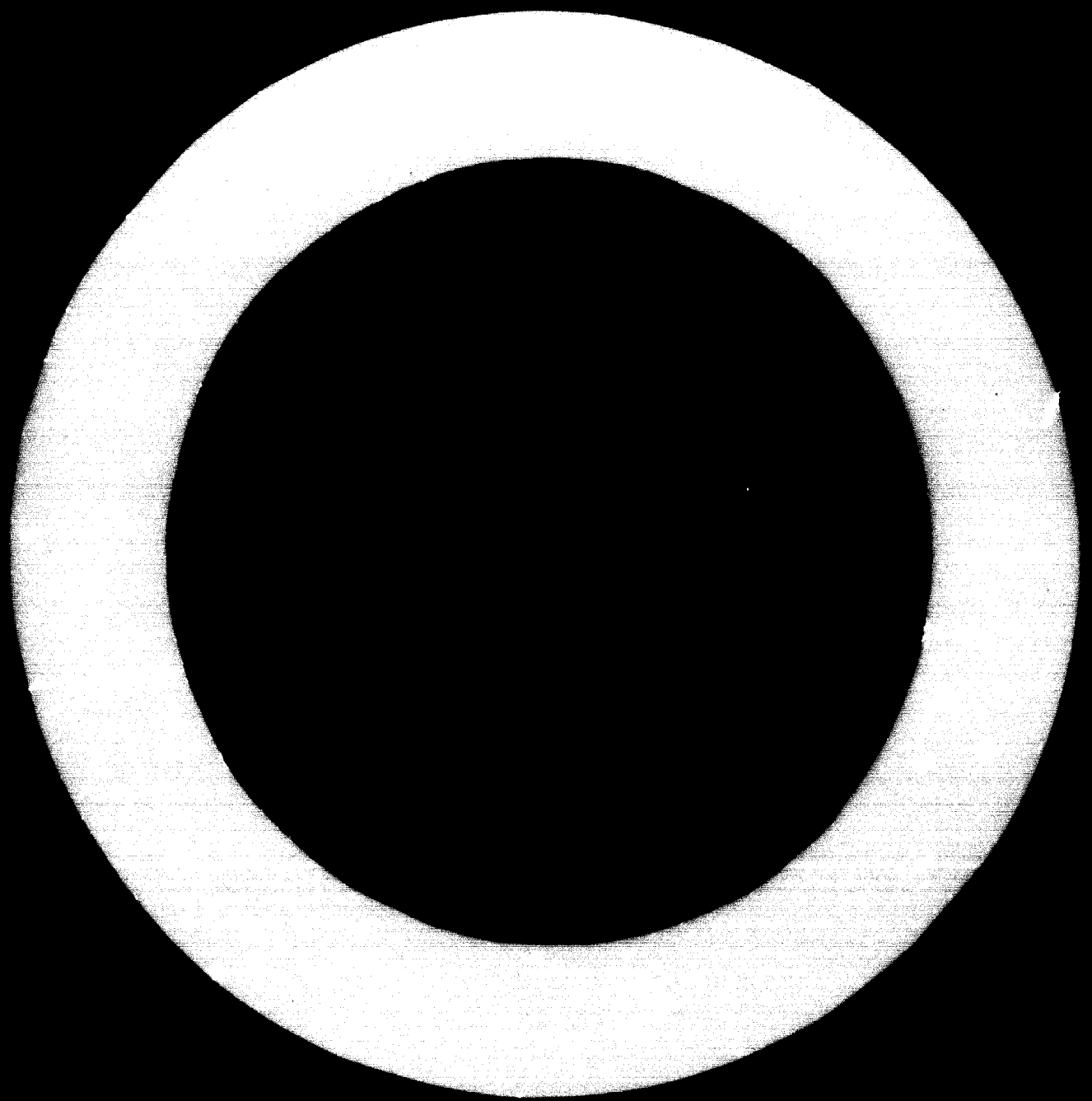
GROUP 14

The Americas

Export industries development

Europe and the Middle East

Assistance to export industries



LIST THREE

**UNDP/TECHNICAL ASSISTANCE PROJECTS —
FORECAST FOR 1972 BY GROUPS
OF ACTIVITIES**

UNDP/Technical Assistance - forecast for 1972

	<u>Experts</u> m/m	<u>Fellows</u> m/m	<u>Other</u> US\$
<u>GROUP 1</u>			
<u>Africa</u>			
Manufacturing of agricultural tools	4/48	4/40	-
Maintenance of heavy equipment	3/30	3/18	35,000
Maintenance repair workshops	5/60	5/50	30,000
Establishment of a dry battery plant	2/24	3/12	25,000
Production of transport equipment	2/20	-	60,000
<u>The Americas</u>			
Shipbuilding industry	3/20	4/24	-
Production of metal products	2/18	2/12	70,000
Maintenance of agricultural equipment	3/30	2/10	75,000
Assistance to the tool industry	3/36	2/14	50,000
<u>Asia and the Far East</u>			
Central workshop for maintenance and repair	5/60	4/30	80,000
Assistance to optics industry	3/35	3/9	30,000
Maintenance of agricultural equipment	4/40	10/40	100,000
Manufacture of electronic components	3/30	3/11	50,000
<u>Europe and the Middle East</u>			
Manufacture of electrical and electronic equipment	1/12	-	40,000
Production of agricultural machinery	1/8	3/15	-
Maintenance of industrial machinery	2/24	1/5	-
<u>Interregional</u>			
Maintenance and repair	4/48	-	-
Agricultural equipment and implements	2/24	-	-
<u>GROUP 2</u>			
<u>AFRICA</u>			
Development of aluminium industry	3/25	2/14	40,000
Development of copper industry	2/24	-	50,000
Assistance to foundry industry	2/20	2/20	-
Development of iron and steel works	3/30	-	-
<u>The Americas</u>			
Meeting for transfer of knowledge on metal transforming techniques	-	14/4	-
Planting of iron and steel industry	1/10	-	-
Development of the foundry industry	2/19	-	32,000
Industrial cost account in iron and steel industry	1/12	2/24	-
Expansion of the aluminium industry	1/9	2/18	21,000
<u>Asia and the Far East</u>			
Smelting research in non-ferrous metals	5/25	4/20	40,000
Wire drawing mill	2/22	2/8	-

UNDP/Technical Assistance - forecast for 1972 (cont'd)

	<u>Experts</u> <u>m/m</u>	<u>Fellows</u> <u>m/m</u>	<u>Other</u> <u>US\$</u>
<u>GROUP 2 (cont'd)</u>			
<u>Asia and the Far East (cont'd)</u>			
Assistance to the tin industry	3/32	5/30	25,000
Development of iron and steel industry	6/45	4/22	36,000
<u>Europe and the Middle East</u>			
Copper smelting industry	1/6	3/20	32,000
Development of aluminium industry	1/12	-	-
Iron and steel metallurgy	1/8	5/11	-
<u>GROUP 3</u>			
<u>Africa</u>			
Feasibility study of the cement industry	3/30	1/6	21,000
Assistance to brickworks	2/16	2/10	-
Building materials production from local materials	2/24	-	-
<u>The Americas</u>			
Construction technology	2/24	-	35,000
Assistance to cement industry	1/8	2/11	-
Development of glass industry	1/12	-	-
<u>Asia and the Far East</u>			
Workshop on production of panels from agricultural waste	-	30/15	-
Production of building materials from local materials	3/24	-	30,000
Development of ceramics industry	2/24	-	-
<u>Europe and the Middle East</u>			
Cement industry	1/12	7/40	-
Polysand products manufacture	1/12	6/24	-
Research on building materials	-	1/6	32,000
<u>International</u>			
Seminar on production of polycorvised houses	-	30/15	-
<u>GROUP 4</u>			
<u>Africa</u>			
Development of pulp and paper industry	2/24	3/16	-
Assistance to basic chemical industry	1/12	-	25,000
Pharmaceutical industries development	2/14	2/14	-
<u>The Americas</u>			
Workshop on pulp and paper technology	-	20/15	-
Assistance to pulp and paper industries	4/36	-	20,000
Assistance to the salt industry	2/18	3/16	-
Development of pharmaceutical industry	2/10	-	-
Development of the chemical industry	1/12	2/8	10,000

UNEP/Technical Assistance - forecast for 1974 (cont'd)

	<u>Experts</u> m/m	<u>Fellows</u> m/m	<u>Other</u> US\$
<u>GROUP 4 (cont'd)</u>			
<u>Asia and the Far East</u>			
Workshop on pulp and paper technology	-	30/15	-
Development of pharmaceutical industry	2/19	1/8	25,000
Assistance to basic chemicals industries	2/20	1/12	-
Development of pulp and paper industry	1/10	2/10	20,000
<u>Europe and the Middle East</u>			
Basic chemicals industries	1/12	20/75	-
Pulp and paper industries	2/18	-	20,000
Development of pharmaceutical industry	1/10	1/6	20,000
<u>Interregional</u>			
Workshop on pulp and paper production	-	20/10	-
<u>GROUP 5</u>			
<u>Africa</u>			
Plastics application and promotion centre	2/24	2/20	-
Fertilizer industry development	1/8	2/18	25,000
Insecticide industry development	1/12	1/12	20,000
<u>The Americas</u>			
Symposium on plastics technology	-	20/10	-
Assistance to petrochemical plants	4/36	-	20,000
Development of fertilizer industry	3/30	1/6	-
Assistance in formulating petrochemical policy	2/24	1/4	18,000
<u>Asia and the Far East</u>			
Utilization of petroleum products	4/30	1/4	29,000
Fertilizer industry development	2/24	3/24	35,000
Feasibility studies in the plastics industry	3/20	2/20	-
Assistance in the establishment of petrochemical production	2/24	-	40,000
Assistance on polymerization	2/24	2/12	-
<u>Europe and the Middle East</u>			
Pesticides from refinery by-products	2/18	-	20,000
Assistance to petroleum research centre	3/20	-	25,000
Production of artificial leather	-	3/9	-
Meeting on promotion of fertilizer industries	-	30/15	-
Development of plastics industries	2/24	-	-
<u>GROUP 6</u>			
<u>Africa</u>			
Manufacture of bags from local fibres	2/13	-	-
Marketing of cotton textiles	3/30	-	27,000
Feasibility of local textile manufacturing	3/25	-	-

UNDP/Technical Assistance - forecast for 1972 (cont'd)

	<u>Experts</u> <u>m/m</u>	<u>Fellows</u> <u>m/m</u>	<u>Other</u> <u>US\$</u>
<u>GROUP 6 (cont'd)</u>			
<u>Africa (cont'd)</u>			
Assistance to establishment and expansion of local textile industry	7/18	1/12	-
Fruit and vegetable processing industry	20/115	5/30	-
Development of milling industry	6/56	3/4	-
Assistance to pineapple processing industry	3/36	1/4	-
Feasibility studies on food industries	3/25	-	17,000
Research activities on food processing	2/15	-	53,000
Development of fish and meat processing industries	8/71	4/12	-
Assistance to leather industry	2/28	3/12	-
Development of a tannery	1/12	-	-
Quality control of leather and leather products	1/12	-	26,000
Industrial footwear manufacturing	2/22	-	-
Feasibility studies on establishing particleboard and fibreboard industries	1/12	-	-
Wood processing industries	3/32	4/24	34,000
Assistance to joinery and furniture industries	2/18	-	-
<u>The Americas</u>			
Assistance to establishment of textile mills	4/55	-	-
Reorganization of textile industry	3/28	3/15	43,000
Productivity and quality control in the textile industry	3/30	-	-
Vegetable oil processing	6/50	5/20	-
Food processing research	4/39	-	50,000
Fish and meat processing industries	10/81	7/35	-
Development of vegetable and fruit processing	14/124	10/50	31,000
Assistance to furniture industry	3/22	1/11	-
Development of wood processing and woodworking industries	5/29	-	37,000
Footwear industry development	3/24	-	-
Assistance to leather industry	6/22	2/21	40,000
<u>Asia and the Far East</u>			
Rice processing industry	2/40	-	-
Fruit and vegetable processing and marketing	15/85	12/50	30,000
Vegetable oil processing	4/22	3/36	19,200
Food industry research	3/23	-	30,000
Feasibility studies on textile industry	2/24	-	-
Assistance to existing textile mills	3/16	1/3	29,000
Development of furniture industry	1/9	-	33,000
Assistance to wood processing plants	2/10	-	-
Feasibility studies on wood industries	2/12	-	-
Expert group meeting on utilization of natural rubber	10/3	-	-
Development of the leather industry	2/19	30/15	38,000
Quality control in the leather industry	1/11	-	-

UNDP/Technical Assistance - forecast for 1972 (cont'd)

	<u>Experts</u> <u>m/m</u>	<u>Fellows</u> <u>m/m</u>	<u>Other</u> <u>US\$</u>
<u>GROUP 6 (cont'd)</u>			
<u>Europe and the Middle East</u>			
Assistance to the textile industry	2/20	1/12	27,000
Development of the knitting industry	2/10	1/6	-
Vegetable and fruit processing	2/17	-	-
Assistance to research in food production	1/12	3/12	52,000
Hides, skins and leather industry	3/15	1/6	-
Development of wood industries	4/16	3/12	23,000
<u>GROUP 7</u>			
<u>Africa</u>			
Workshop on licensing regulations and practices	-	15/4	-
Industrial legislation advice	2/12	1/9	-
<u>The Americas</u>			
Licensing and patents legislation advice	2/18	2/10	-
<u>Asia and the Far East</u>			
Training workshop for senior personnel of patent offices	-	20/5	-
Patents and licensing legislation advice	1/8	1/9	-
<u>Europe and the Middle East</u>			
Patents and licensing legislation	-	2/8	10,000
Fire safety assistance	1/4	1/6	-
<u>GROUP 8</u>			
<u>Africa</u>			
Workshop for personnel engaged in standardisation	-	30/15	-
Training workshop on industrial co-operatives	-	30/20	-
Training workshop for industrial public administrators	-	30/20	-
Assistance to industrial research	2/20	-	49,000
Industrial promotion centre	1/12	-	-
<u>The Americas</u>			
Workshop for managerial staff of chambers of commerce	-	30/15	-
Assistance to industrial research	3/22	1/6	-
Assistance in standardisation and testing	2/20	-	26,000
<u>Asia and the Far East</u>			
Workshop on quality control	-	50/12	-
Assistance to industrial research	3/24	1/6	-
Standardisation, quality control and testing	2/16	1/6	-

UNDP/Technical Assistance - forecast for 1972 (cont'd)

	<u>Experts</u> m/m	<u>Fellows</u> m/m	<u>Other</u> US\$
<u>GROUP 8 (cont'd)</u>			
<u>Europe and the Middle East</u>			
Industrial standardization and quality control	4/20	3/16	-
Reorganization of industrial research activities	2/18	3/12	-
<u>Interregional</u>			
Seminar on industrial research, administration and policies	-	30/15	-
<u>GROUP 9</u>			
<u>Africa</u>			
Assistance in industrial information and documentation	2/16	-	-
Seminar for industrial information officers	-	30/15	-
<u>The Americas</u>			
Training of industrial information personnel	-	2/18	-
Assistance in industrial information and documentation	2/12	-	-
<u>Asia and the Far East</u>			
Training of industrial information personnel	-	3/12	-
Assistance in industrial information and documentation	2/18	-	-
<u>Europe and the Middle East</u>			
Assistance in industrial information and documentation	-	2/12	20,000
<u>Interregional</u>			
Study missions for industrial information personnel	-	10/5	-
<u>GROUPS 10a and 10b</u>			
<u>Africa</u>			
Assistance in the field of industrial management and consulting services	8/50	10/25	40,000
Industrial management clinics	-	11/10	30,000
<u>The Americas</u>			
Assistance in the field of industrial management and consulting services	25/140	4/10	20,000
Industrial management clinics	-	6/15	14,000
<u>Asia and the Far East</u>			
Assistance in the field of industrial management and consulting services	24/145	10/25	36,000
Industrial management clinics	-	9/15	30,000
<u>Europe and the Middle East</u>			
Assistance in the field of industrial management and consulting services	12/85	30/70	20,000
Industrial management clinics	-	20/30	10,000
<u>Interregional</u>			
In-plant training programmes in selected industrial branches	-	200/600	-

IDA/Technical Assistance - forecast for 1972 (cont'd)

	<u>Experts</u> m/m	<u>Fellows</u> m/m	<u>Other</u> US\$
<u>GROUP 11</u>			
<u>Africa</u>			
Small-scale industries development	6/60	3/20	30,000
Industrial extension services for small-scale industry	3/40	1/8	-
Industrial estates	5/54	1/6	10,000
Marketing of small industries products	2/24	1/6	20,000
<u>The Americas</u>			
Industrial estates	3/25	1/6	15,000
Small and medium industries development	6/58	1/10	20,000
Financing of small-scale industry	1/12	1/4	-
<u>Asia and the Far East</u>			
Meeting on the use of subcontracting	-	40/20	-
Small-scale industry development	4/36	1/8	12,000
Industrial estates	2/24	1/6	16,000
Financing of small and medium industry	2/12	-	-
<u>Europe and the Middle East</u>			
Assistance to small-scale industry	1/12	2/16	10,000
Industrial estates	1/10	1/6	-
Industrial design for small industry	1/6	1/8	7,000
<u>GROUP 12</u>			
<u>Africa</u>			
Industrial unit - East African Community	1/9	-	-
Industrial planning and programming	7/80	6/30	20,000
Project identification and evaluation	5/56	4/20	30,000
Feasibility studies and project implementation	6/60	5/20	15,000
<u>The Americas</u>			
Regional planning and development	4/28	4/20	-
Project implementation and follow-up	2/17	1/10	10,000
Industrial feasibility studies	3/30	3/12	15,000
Industrial planning and programming	3/30	2/8	-
<u>Asia and the Far East</u>			
Project preparation and evaluation	4/39	2/15	17,000
Industrial feasibility studies	5/60	3/20	30,000
Regional planning and development	4/15	2/10	18,000
Industrial planning and programming	7/80	3/15	-
<u>Europe and the Middle East</u>			
Project formulation and evaluation	2/24	2/12	-
Project implementation and follow-up	2/18	-	-
Industrial planning and programming	3/30	1/8	14,000

Technical Assistance - forecast for 1972 (cont'd)

	<u>EXPERT</u> <u>m/m</u>	<u>FOLLOW-UP</u> <u>m/m</u>	<u>VALUE</u> <u>US\$</u>
<u>GROUP 12 (cont'd)</u>			
<u>Interregional</u>			
Workshop on appraisal of industrial plan performance	-	20/10	-
Workshop on industrial project evaluation	-	30/15	-
<u>GROUP 13</u>			
<u>Africa</u>			
Workshop in financial analysis and planning techniques	-	20/10	-
Assistance in industrial banking	3/18	-	-
Industrial investment promotion	3/34	2/20	20,000
Financial analysis of industrial projects	3/30	1/5	10,000
Assistance in developing industrial policies	5/60	2/15	-
<u>The Americas</u>			
Workshop in financial analysis and planning techniques	-	20/10	-
Investment promotion	3/28	-	-
Formulation of industrial policies	2/14	1/12	12,000
Financial analysis of industrial projects	3/24	1/8	-
<u>Asia and the Far East</u>			
Industrial policies formulation and implementation	5/60	3/18	25,000
Industrial banking and credit	3/32	2/14	-
Financial analysis of industrial projects	2/16	2/12	-
Industrial investment promotion	2/24	3/16	-
<u>Europe and the Middle East</u>			
Industrial policies formulation	2/20	1/6	-
Investment promotion	1/12	1/8	-
<u>Interregional</u>			
Training programme in industrial banking techniques	-	30/10	-
Workshop on the establishment of joint ventures	-	30/10	-
Training programme in investment promotion techniques	-	30/14	-
Investment promotion of specific industrial projects	4/48	-	-
<u>GROUP 14</u>			
<u>Africa</u>			
Utilization of excess capacity for export	2/15	1/6	-
Identification of industries with export potential	1/8	1/8	-
Promotion of selected export-oriented industries	2/12	1/6	8,000
<u>The Americas</u>			
Improvement of export industry efficiency	2/16	1/9	-
Export promotion of agro-industries	2/18	1/4	-
Export incentive measures	2/14	2/5	12,000

UNDP/Technical Assistance - forecast for 1972 (cont'd)

	<u>Experts</u> <u>m/m</u>	<u>Fellows</u> <u>m/m</u>	<u>Other</u> <u>US\$</u>
<u>GROUP 14 (cont'd)</u>			
<u>Asia and the Far East</u>			
Development of export potential of metalworking industries	2/24	1/9	-
Export promotion and incentive schemes	1/10	-	-
Export promotion of industrial products	2/18	1/9	11,000
<u>Europe and the Middle East</u>			
Establishment of an industrial free zone	2/16	1/6	7,000
Utilization of excess capacity for export	1/12	1/6	-
<u>Interregional</u>			
International subcontracting	2/24	-	-
<u>GROUP 15a</u>			
<u>Africa</u>			
Industrial survey missions	4/30	1/9	10,000
<u>The Americas</u>			
Industrial survey missions	6/36	8/30	16,000
<u>Asia and the Far East</u>			
Industrial survey missions	3/15	2/14	15,000
<u>Europe and the Middle East</u>			
Industrial survey missions	2/15	2/18	6,000
<u>Interregional</u>			
Workshops on industrial survey techniques	-	60/30	-
<u>GROUP 15b</u>			
<u>Africa</u>			
Industrial studies	2/24	2/12	-
Assistance to centres for packaging	1/12	-	-
<u>The Americas</u>			
Assistance to centres for packaging and product improvement	1/12	-	-
Training programme for Spanish-speaking countries	-	30/30	-
<u>Asia and the Far East</u>			
Establishment of a packaging institute	2/24	1/9	-
<u>Europe and the Middle East</u>			
Environmental engineering	-	-	15,000
Assistance to centres for packaging	1/7	-	-
<u>Interregional</u>			
Consultations on selection of appropriate packaging technology	2/4	-	-

LIST FOUR

IN-PLANT TRAINING COURSES, 1970 TO 1979

✓ The in-plant training courses fall within the operational activities of group 10a (Industrial Training).

IN-PLANT TRAINING COURSES HELD DURING 1970

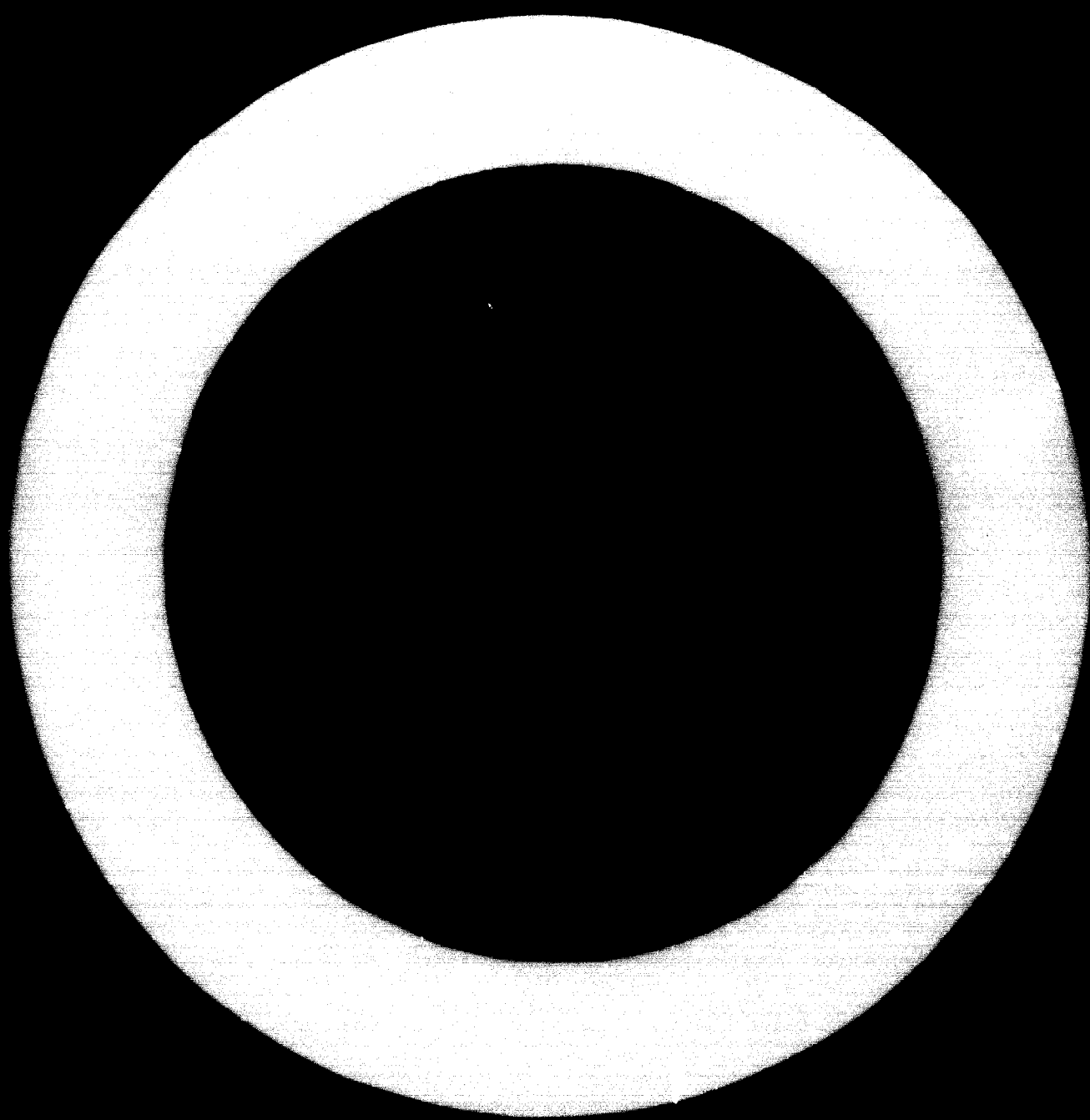
<u>Training sector</u>	<u>Country</u>
Diesel engines	Czechoslovakia
Electrical industry	Sweden
Iron and steel	Union of Soviet Socialist Republics
Maintenance System	Sweden
Mechanical industry	Japan
Metalworking industry	Union of Soviet Socialist Republics
Plastic industry (I)	Austria
Pulp and paper	Sweden
Textile industry	Poland

IN-PLANT TRAINING COURSES PLANNED FOR 1971

<u>Training sector</u>	<u>Country</u>
Diesel engines	Czechoslovakia
Electrical industry	Sweden
Electrical and electronic industries	Netherlands
Fertilizer industry	Union of Soviet Socialist Republics
Food processing (I)	United Kingdom
Food processing (II)	India
Iron and steel	Union of Soviet Socialist Republics
Management of maintenance and repair	Italy
Maintenance systems	Sweden
Mechanical industry	Japan
Metalworking industry	Union of Soviet Socialist Republics
Plastic industry	Austria
Pulp and paper	Sweden
Shoe industry	Czechoslovakia
Standardization	Union of Soviet Socialist Republics
Textile industry	Poland

IN-PLANT TRAINING COURSES PLANNED FOR 1977

<u>Training sector</u>	<u>Country</u>
Basic chemicals	Japan
Cement industry	Denmark
Chemical industry	Switzerland
Diesel engines	Czechoslovakia
Electrical industry	Sweden
Electrical and electronic industry	Netherlands
Electrical welding	Union of Soviet Socialist Republics
Engineering industry	Switzerland
Fertilizer industry	Union of Soviet Socialist Republics
Financial management	Federal Republic of Germany
Food processing (I)	United Kingdom
Food processing (II)	India
Foundry technology	Sweden
Industrial consultancy	Federal Republic of Germany
Iron and steel	Union of Soviet Socialist Republics *
Leather production	Federal Republic of Germany
Maintenance - fertilizer industry	United States of America
Maintenance - instruments	Hungary
Maintenance - shipbuilding	Norway
Maintenance - transport	Federal Republic of Germany
Maintenance systems	Sweden
Management of maintenance and repair	Italy
Materials handling	United Kingdom
Mechanical industry	Japan
Metalworking industry	Union of Soviet Socialist Republics
Plastic industry (I)	Austria
Plastic industry (II)	Argentina/Brazil
Pulp and paper	Sweden
Shoe industry	Czechoslovakia
Small-scale light industry	Italy
Standardization	Union of Soviet Socialist Republics
Systems analysis	Federal Republic of Germany
Textile industry (I)	Poland
Textile industry (II)	United Arab Republic
Tire and rubber production	United States of America
Value analysis engineering	Denmark



LIST FIVE

**SYMPOSIA, SEMINARS, WORKSHOPS AND
OTHER MEETINGS, 1970 TO 1978**

SYMPOSIA, SEMINARS, WORKSHOPS AND OTHER MEETINGS HELD DURING 1970

Project
component

Place

Group 1: Engineering Industries

- | | | |
|---------|--|--|
| 1.03.01 | Interregional symposium on maintenance and repair in developing countries | Duisburg
Federal Republic
of Germany |
| 1.07.01 | Meeting on the operation, maintenance, design and manufacturing of chemical plants and equipment in developing countries | Königstein nr.
Frankfurt |

Group 2: Metallurgical Industries

- | | | |
|---------|--|---|
| 2.02.02 | Seminar on copper production and group study tour of copper plants | Union of Soviet
Socialist
Republics |
| 2.03.04 | Seminar on tin plate production | Santiago
Chile |

Group 3: Construction and Building Materials Industry

- | | | |
|---------|--|---------|
| 3.04.01 | Workshop on clay building materials industries in Africa | Tunisia |
|---------|--|---------|

Group 5: Fertilisers, Pesticides and
Petrochemicals Industries

- | | | |
|---------|--|----------------|
| 5.01.02 | Meeting on the development of the fertilizer and pesticide industries in Latin American countries | Rio de Janeiro |
| 5.03.04 | Second interregional training course for industrial production of pesticides in developing countries | Syracuse, N.Y. |

Group 8: Industrial Institutions

- | | | |
|---------|---|-------------|
| 8.01.01 | Meeting of the World Association of Industrial and Technological Research Organisations (WAITRO) | Vienna |
| 8.02.01 | Subregional training workshop for standardization personnel in English-speaking African countries | Addis Ababa |
| 8.03.01 | Seminar on the organization and administration of industrial services in Asia and the Middle East | Tashkent |
| 8.03.03 | Regional workshop for managerial staff of chambers of industry for participants from English-speaking African countries | Addis Ababa |

Group 9: Industrial Information

- | | | |
|---------|---|--------|
| 9.01.03 | Interregional training course for industrial information and documentation officers from English-speaking countries | Moscow |
| 9.01.04 | Seminar for industrial information officers (for ECAFE and ECA regions) | Tehran |

SYMPOSIA ... DURING 1970 (cont'd)

<u>Project component</u>		<u>Place</u>
<u>Group 10a: Industrial Training</u>		
10a.04	Seminar on achievement motivation for UNIDO staff members	Vienna
<u>Group 11: Small-scale Industry and Related Activities</u>		
11.01.02	Training workshops on extension services for small industry in Africa	Dakar and Kampala
11.05	Regional meeting on financing of small-scale industry in Latin American countries	Buenos Aires
<u>Group 12: Industrial Programming and Project Planning</u>		
12.01.01	Working party on the presentation of national development plans	Vienna
12.02.03	Working party on industrial programming data	Sofia
12.04.01	Interregional training workshop on project implementation	Beirut
<u>Group 13: Industrial Policies and Financing</u>		
13.06.03	Interregional workshop on industrial banking techniques	Vienna
13.08.02	Training workshop on investment promotion techniques (for English-speaking participants)	Vienna
13.09.02	First Asian meeting to promote specific industrial projects	Manila
13.09.02	Second African meeting to promote specific industrial projects	Nairobi
<u>Group 15a: Industrial Surveys</u>		
15a.03.01	Training workshop in methods of industrial surveys (for English-speaking participants)	Brighton United Kingdom

SYMPOSIA, SEMINARS, WORKSHOPS AND OTHER MEETINGS PLANNED FOR 1971

<u>Project component</u>		<u>Place</u>
<u>Group 1: Engineering Industries</u>		
1.03.04	National repair and maintenance weeks	Pakistan, Uganda
1.04.03	Meeting on the promotion of machine-tool industry in developing countries in Europe and the Middle East	Varna Bulgaria
<u>Group 2: Metallurgical Industries</u>		
2.01.02	Seminar on complex titanium-iron ore processing	Union of Soviet Socialist Republics
2.05.01	Workshop on creation and transfer of metallurgical know-how	Jamshedputt India
<u>Group 3: Construction and Building Materials Industries</u>		
3.07.01	Meeting of the heads of building materials research and development organisations	Melbourne
<u>Group 4: Chemicals, Pharmaceuticals and Pulp and Paper Industries</u>		
4.01.01	Interregional seminar on basic chemicals	Union of Soviet Socialist Republics
<u>Group 5: Fertilisers, Pesticides and Petrochemicals Industries</u>		
5.01.02	Meeting on the development of the fertilizer and pesticide industries	Beirut
5.01.05	Second interregional fertilizer symposium	Union of Soviet Socialist Republics
5.03.03 (Priority B)	Workshop on pesticides	
5.03.04	Third interregional training course for industrial production of pesticides in developing countries	Syracuse, N.Y.
<u>Group 6: Light Industries</u>		
6.01.05	Textile seminar	Baghdad
6.02.06	Interregional seminar on industrial processing of rice	Nadras
6.03.03	Seminar on furniture and other secondary wood processing industries	Finland

SYMPOSIA ... FOR 1971 (cont'd)

Project
component

Place

Group 6: Light Industries (cont'd)

- | | | |
|---------|--|-----------|
| 6.03.06 | World consultation on the use of wood in housing (with special emphasis on the need of developing countries) | Vancouver |
| 6.04.01 | Seminar on the development of the leather and leather products industries in Africa | Vienna |

Group 7: Industrial Administration

- | | | |
|-------------------------|---|--------|
| 7.01.01 | Regional training workshop for industrial public administrators in the Middle East and North Africa | Kuwait |
| 7.03.01
(Priority B) | Training workshop for senior personnel of patent offices | |

Group 8: Industrial Institutions

- | | | |
|-------------------------|---|-------------------|
| 8.01.01 | Meeting of the Executive Committee of WAITRO | |
| 8.02.01 | Training workshop for personnel engaged in standardisation in Latin America | Santiago
Chile |
| 8.02.03 | Training workshop in quality control for African countries | Cairo |
| 8.02.05 | Training workshop in metrology in Asia | Tokyo |
| 8.03.01 | Regional workshop on the organisation and administration of industrial services in Latin American countries | |
| 8.03.03
(Priority B) | Regional workshops for managerial staff of chambers of industry for participants from French-speaking African countries | |

Group 9: Industrial Information

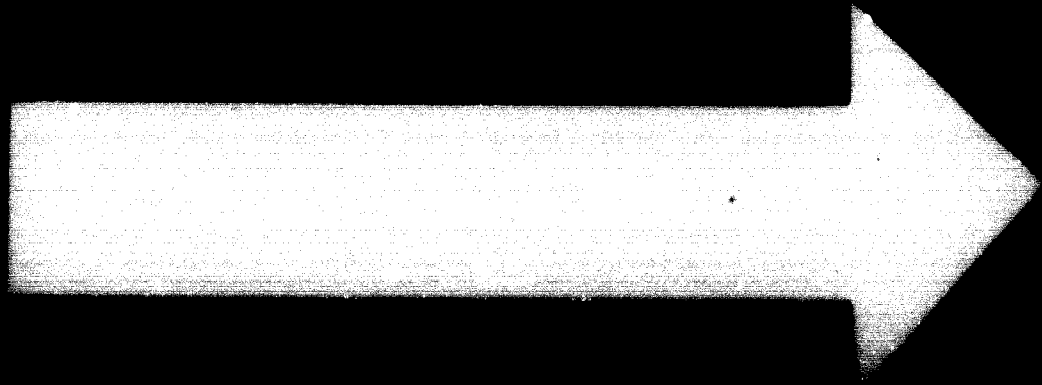
- | | | |
|---------|---|---------------|
| 9.01.03 | Interregional training course for industrial information and documentation officers (from Spanish-speaking countries) | Moscow |
| 9.01.04 | Seminar on industrial information for Spanish-speaking participants | Latin America |

Group 11: Small-scale Industry and Related Activities

- | | | |
|----------|--|-------------|
| 11.01.01 | Group training programme for Spanish-speaking industrial extension officers | Puerto Rico |
| 11.01.02 | Training workshop on extension services for small industry in Central and North Africa, and Madagascar | |

Group 12: Industrial Programming and Project Planning

- | | | |
|----------|---|--------|
| 12.02.01 | Special international working party on data banks | France |
| 12.02.03 | International workshop on industrial planning systems and indices | Sofia |

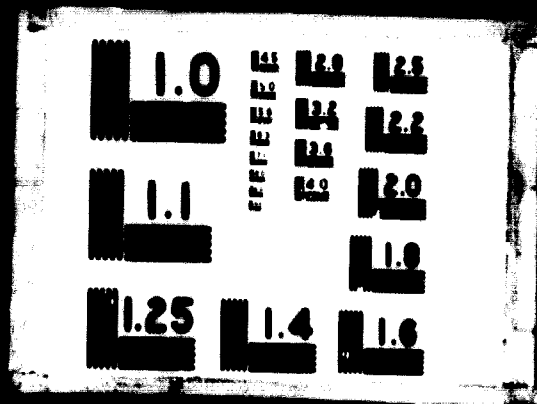


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SYMPOSIA ... FOR 1971 (cont'd)

<u>Project component</u>		<u>Place</u>
<u>Group 12: Industrial Programming and Project Planning (cont'd)</u>		
12.04.01	Training workshop on project implementation for French-speaking participants	Tunisia
12.04.01	Regional training workshop on project implementation for the Arab states	
12.04.01	Regional training workshop on project implementation for the ECAFE region	
12.04.01	Interregional training workshop on project implementation	Federal Republic of Germany
12.04.02	Regional training workshop on time profile presentation	
<u>Group 13: Industrial Policies and Financing</u>		
13.01.02	Seminar on selected aspects of industrial policy for countries in the Middle East and North Africa	Beirut
13.01.02	Seminar on selected aspects of industrial policy for Latin American countries	
13.06.01	Training workshops in financial planning and analysis techniques	
13.06.03	Interregional workshop on industrial banking techniques	
13.08.02 (Priority B)	Training workshops on investment promotion techniques (for French and Spanish-speaking participants)	
<u>Group 14: Promotion of Export-oriented Industries</u>		
14.03.01	Training course on export promotion	Belgium
14.03.02	Interregional training seminar on utilisation of excess capacity	
14.04.01	Meeting on product adaptation and development programme	
<u>Group 15a: Industrial Surveys</u>		
15a.03.01	Training workshops in methods of industrial surveys (for French-speaking participants)	

SYMPOSIA, SEMINARS, WORKSHOPS AND OTHER MEETINGS PLANNED FOR 1971

<u>Project component</u>		<u>Place</u>
<u>Group 1: Engineering Industries</u>		
1.03.02	Workshop on maintenance and repair of railroad equipment	Federal Republic of Germany
1.03.04	National repair and maintenance weeks	Turkey Venezuela
1.04.01	Regional meeting on the development of metalworking industries	Latin America
<u>Group 2: Metallurgical Industries</u>		
2.05.02	Meeting on the promotion of metallurgical technology transfer to the metals transforming industries of developing countries	Latin America
<u>Group 3: Construction and Building Materials Industries</u>		
3.01.01	Interregional seminar on the manufacture of cement	
3.03.02 (Priority B)	Seminar on the production of multi-material houses incorporating plastics	
3.04.01	workshop on clay building materials industries	Latin America
<u>Group 4: Chemicals, Pharmaceuticals and Pulp and Paper Industries</u>		
4.05.02 (Priority B)	Workshop on pulp and paper production	
<u>Group 5: Fertilizers, Pesticides and Petrochemicals industries</u>		
5.01.02	Meeting on the development of the fertilizer and pesticide industries	East-European region
5.04.05	Symposium on the development of the plastic fabrication industry	Latin America
<u>Group 6: Light Industries</u>		
6.04.02	Regional seminar for Asia and the Far East on the development of the footwear manufacturing and the leather goods manufacturing industries	Madras India
<u>Group 7: Industrial Administration</u>		
7.01.02	Consultations and discussions with industrial public administrators	
7.03.01	Training workshop for senior personnel of patent offices in Asian countries	

SYMPOSIA ... FOR 1971 (cont'd)

<u>Project component</u>		<u>Place</u>
<u>Group 8: Industrial Institutions</u>		
8.01.01	General assembly of WAIWRO	Vietnam
8.01.02	Interregional workshop for the stimulation of industrial research activities	
8.01.03	Consultation on the appraisal of industrial research in a developing country	Asia
8.02.01	Subregional workshop for standardization personnel from French-speaking African countries	
8.02.03	Training workshop for quality control for countries in Asia	
8.03.02	Training workshop on industrial co-operatives in Africa	
8.03.03	Regional workshop for managerial staff of chambers of industry in Latin America	
8.04.02	Interregional training workshop on industrial fairs	
<u>Group 9: Industrial Information</u>		
9.01.03	Interregional training course for industrial information and documentation officers from French-speaking countries	Moscow
9.01.04	Seminar for industrial information officers from French and English-speaking countries	
<u>Group 11: Small-scale Industry and Related Activities</u>		
11.01.01	Group training programme for industrial extension officers from French-speaking countries	
<u>Group 12: Industrial Programming and Project Planning</u>		
12.01.06	Interregional workshop on industrial development plans	
12.02.01	Regional workshop on data banks	
12.04.01	Interregional workshop on project implementation	Budapest
<u>Group 13: Industrial Policies and Financing</u>		
13.02.01	Interregional seminar on tariffs and protection policies for industrial development	
13.06.01	Training workshop in financial planning and techniques	
13.06.02	Interregional workshop on industrial banking techniques	
13.07.02	Workshop on joint ventures	

SYMPOSIA ... FOR 1972 (cont'd)

Project
Component

Place

Group 14: Promotion of Export-oriented Industries

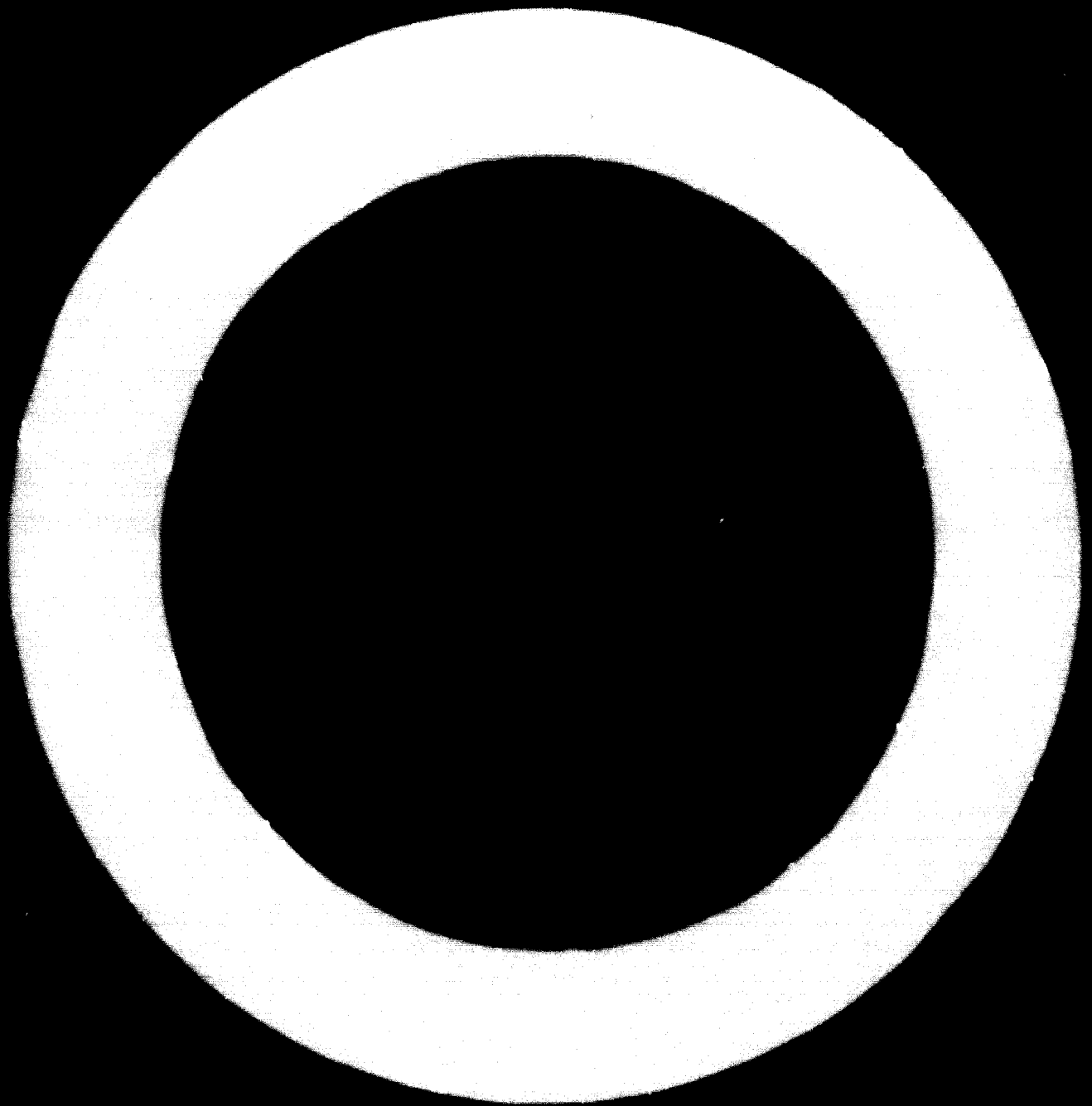
14.04.01 Training course on export promotion

Group 15b: Industrial Branch Reports
and Across-the-Board Techniques

15b.03.02 Seminar on the production and use of tin-plate containers in
the developing countries

15b.03.03 In-plant training programmes in packaging *

Spain



LIST SIX

EXPERT GROUP MEETINGS, 1970 TO 1972

EXPERT GROUP MEETINGS HELD IN 1970

<u>Project Component</u>		<u>Place</u>
<u>Group 1: Engineering Industries</u>		
1.05.01	Expert group meeting on the development of engineering design capabilities	Vienna
<u>Group 5: Fertilizers, Pesticides and Petrochemicals Industries</u>		
5.01.05	Ad hoc expert group meeting on the preparation of the second interregional fertilizer symposium	Vienna
<u>Group 6: Light Industries</u>		
6.01.01	Expert group meeting on quality control in the textile industry	Budapest
6.03.02	Expert group meeting on the production of panels from agricultural wastes	Vienna
<u>Group 7: Industrial Administration</u>		
7.04.01	Expert group meeting on a manual on licensing practices	Vienna
<u>Group 12: Industrial Programming and Project Planning</u>		
12.02.02	Expert group meeting on industrial project planning for countries in the Middle East and North Africa	Beirut
12.02.02	Expert group meeting on industry files system and other data bank techniques for industrial programming	Vienna
12.04.02	Expert group meeting on time profiles for project implementation	Vienna
<u>Group 13: Industrial Policies and Financing</u>		
13.05.01	Expert group meeting on industrial development finance institutions	Paris
<u>Group 14: Promotion of Export-oriented Industries</u>		
14.02.01	Expert group meeting on industrial co-operation for export between developed and developing countries	Bucharest

EXPERT GROUP MEETINGS PLANNED FOR 1971

<u>Project Component</u>		<u>Place</u>
<u>Group 1: Engineering Industries</u>		
1.02.03	Expert group meeting on the manufacture of electronic components in developing countries	San Francisco
<u>Group 2: Metallurgical Industries</u>		
2.04.02 (Priority B)	Expert group meeting on foundry technology for developing countries	Vienna
<u>Group 3: Construction and Building Materials Industries</u>		
3.03.01	Expert group meeting on the use of plastics in the building industries	Vienna
3.05.01	Expert group meeting on prefabrication in Africa and the Middle East	Africa
<u>Group 4: Chemicals, Pharmaceuticals and Pulp and Paper Industries</u>		
4.02.02 (Priority B)	Expert group meeting on water-salt chemical complexes	Vienna
4.05.01	Expert group meeting on pulp and paper	Vienna
<u>Group 5: Fertilizers, Pesticides and Petrochemicals Industries</u>		
5.04.03	Expert group meeting on problems of the rubber industry	Vienna
<u>Group 6: Light Industries</u>		
6.01.02 (Priority B)	Expert group meeting on machinery selection in the knitting industry	
6.02.08	Expert group meeting on processing selected tropical fruits and vegetables for export to premium markets	Salvador (Bahia) Brazil
<u>Group 8: Industrial Institutions</u>		
8.01.02	Expert group meeting on more effective utilization of industrial research in developing countries	Copenhagen
8.03.02	Expert group meeting on the preparation of a regional training programme on industrial co-operatives	Warsaw

EXPERT GROUP MEETINGS PLANNED FOR 1971 (cont'd)

<u>Project Component</u>		<u>Place</u>
<u>Group 9: Industrial Information</u>		
9.01.08	Expert group meeting for industrial information experts on innovations in the dissemination of industrial information through extension series	Vienna
<u>Group 10b: Industrial Management and Consulting Services</u>		
10b.01.01	Expert group meeting on the use and development of consulting services to management	Latin America
<u>Group 11: Small-scale Industry and Related Activities</u>		
11.04.03	Expert group meeting on small-scale industry in countries at early stages of development	Vienna
<u>Group 13: Industrial Policies and Financing</u>		
13.01.03	Expert group meeting of consultants on industrial policy	Vienna
13.04.01	Expert group meeting on policies for regional industrial co-operation	Vienna
13.05.01	Expert group meeting on industrial development finance institutions	Copenhagen
13.08.01	Expert group meeting on the compendium on investment promotion centres	
<u>Group 14: Promotion of Export-oriented Industries</u>		
14.02.02 (Priority B)	Expert group meeting on the use of world export institutions by export manufacturers in developing countries	Vienna
<u>Group 15a: Industrial Surveys</u>		
15a.03.03	Expert group meeting on industrial surveys and other survey assistance	Vienna
<u>Group 15b: Industrial Branch Reports and Across-the-Board Techniques</u>		
15b.03.01	Expert group meeting on packaging	Vienna

EXPERT GROUP MEETINGS PLANNED FOR 1972

<u>Project Component</u>		<u>Place</u>
<u>Group 1: Engineering Industries</u>		
1.01.08	Expert group meeting on design and manufacture of wet land (rice) harvesting and threshing machinery in developing countries	ECARF region
1.02.05	Expert group meeting on the manufacture of semi-conductors on a subregional basis	Vienna
<u>Group 2: Metallurgical Industries</u>		
2.01.01 (Priority B)	Expert group meeting on alumina and aluminium production in developing countries	Vienna
2.03.06	Preparatory expert group meeting for the third interregional iron and steel symposium	Vienna
<u>Group 5: Fertilizers, Pesticides and Petrochemicals Industries</u>		
5.01.09	Expert group meeting on the transfer of know-how in production and use of catalysts	Vienna
<u>Group 6: Light Industries</u>		
6.01.04	Expert group meeting on new yarn production and modification techniques	Manchester
6.02.05	Expert group meeting on technical and economic criteria in the oil seed processing industry	Singapore
6.03.05 (Priority B)	Expert group meeting on manufacture of adhesives for the wood processing industries	
<u>Group 7: Industrial Administration</u>		
7.04.01	Expert group meeting to assist in the preparation of a training programme in licensing practices	Vienna
<u>Group 10a: Industrial Training</u>		
10a.01.02	Expert group meeting on in-plant training	Vienna
10a.04	Expert group meeting on achievement motivation	Vienna
10a.05	Expert group meeting on training in industrial administration techniques	Vienna
<u>Group 10b: Industrial Management and Consulting Services</u>		
10b.03.02	Expert group meeting on organization analysis	Vienna
10b.04.02	Expert group meeting on the value and application of improvement designs management	Vienna
10b.05.02	Expert group meeting on the introduction and use of corporate planning and control techniques	Vienna

EXPERT GROUP MEETINGS PLANNED FOR 1972 (Cont'd)

<u>Project Component</u>		<u>Place</u>
<u>Group 11: Small-scale Industry and Related Activities</u>		
11.06.01	Expert group meeting on marketing for small-scale industry	Vienna
11.09	Expert group meeting on small-scale industry outside metropolitan areas	Vienna
<u>Group 12: Industrial Programming and Project Planning</u>		
12.01.05	Expert group meeting on industrial planning and implementation machinery in developing countries	Vienna
12.04.02	Expert group meeting on time profiles for project implementation	Vienna
<u>Group 13: Industrial Policies and Financing</u>		
13.01.03	Expert group meeting of consultants on industrial policies	Vienna
13.04.01	Expert group meeting on common technical problems in regional co-operation	Vienna
13.05.01	Expert group meeting on industrial development finance institutions	Vienna
13.08.03	Expert group meeting on co-operation among investment promotion centres	Bangkok

LIST SEVEN

STUDIES AND RESEARCH PROJECTS, 1970 TO 1978²

²/ Lists of printed publications are given separately for each group of activities in ID/8/00/Add.1 to 3.

STUDIES AND RESEARCH PROJECTS CARRIED OUT IN 1960

	<u>Project component</u>
<u>Group 1: Engineering Industries</u>	
Assessment of ancillary automotive and spare parts production industries	1.05.02
<u>Group 2: Metallurgical Industries</u>	
Study on purposes, methods and costs of bauxite testing laboratories	2.01.01
Study on purposes, methods and costs of alumina testing laboratories	2.01.01
Study on processing of low grade bauxite	2.01.01
Study on problems and possibilities of the aluminium industry of Asia	2.01.01
Prototype design and standards of operation of typical grey cast iron foundry installations	2.04.03
<u>Group 3: Construction and Building Materials Industries</u>	
Survey on construction and building materials industries in the UNESOB region	3.07.02
<u>Group 5: Fertilizers, Pesticides and Petrochemicals Industries</u>	
Surveys on prospects of fertilizer development possibilities	5.01.01
Study on direct use of phosphate rock as fertilizer and cattle food	5.01.06
Study on the experience of the Union of Soviet Socialist Republics with processes for reducing the use of sulphur in fertilizer manufacture	5.01.06
Study on future trends in, and competition between, natural and synthetic rubber	5.04.03
<u>Group 7: Industrial Administration</u>	
Industrial legislation reviews	7.02.01
<u>Group 8: Industrial institutions</u>	
Survey on the role of national engineering associations in industrial development	8.03.05
Studies on: Effective use of industrial research in developing countries; appropriate plant and product design; selection and utilization of more appropriate technologies for developing countries	8.05

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STUDIES AND RESEARCH PROJECTS CARRIED OUT IN 1970 (continued)

	<u>Project Component</u>
<u>Group 9: Industrial Information</u>	
Studies related to the industrial documentation unit of UNIDO	9.01.01
Collection of unpublished industrial information material	9.02.01
Study on evaluation criteria, possibilities of computerized retrieval system and procedures for the dissemination and utilization of collected data	9.02.06
Industrial information processing system (INDIS)	9.02.06
Exploratory work on register of industrial films	9.06
<u>Group 10a: Industrial Training</u>	
Preliminary investigations on the applicability of the results of current educational research carried out by qualified institutions in the field of training and education	10a.01.01
Evaluation of UNIDO individual fellowship programmes	10a.01.03
Outline of a detailed long-term UNIDO training programme	10a.01.05
<u>Group 11: Small-scale Industry and Related Activities</u>	
Case studies in adaptation of technology for small industry in selected developing countries	11.03.02
Studies for the expert group meeting on small-scale industry in countries at early stages of development	11.04.03
Study on small-scale industry in centrally-planned economies	11.04.07
Two studies on marketing methods and distribution channels for products of small-scale industries	11.06.01
Studies on the practical aspects of subcontracting	11.06.02
<u>Group 12: Industrial Programming and Project Planning</u>	
Field study on comparative cost position industries	12.02.03
Evaluation of country studies on labour-cost variations	12.02.03
Preparatory work on market analysis for industrial feasibility studies	12.03.01
Methods of calculating national parameters for industrial project evaluation	12.03.03
Studies on regional industrial development planning	12.05.02

STUDIES AND RESEARCH PROJECTS CARRIED OUT IN 1970 (cont'd)

	<u>Project component</u>
<u>Group 13: Industrial Policies and Financing</u>	
Case studies on industrialization policies and strategies	13.01.01
Studies on the impact of tariff and protection policies on industrial development	13.02.01
Studies on policies for regional industrial co-operation	13.04
Portfolio of industrial projects	13.09.01
<u>Group 14: Promotion of Export-oriented Industries</u>	
Analysis of productive resources in selected countries	14.01.01
Feasibility studies on free-zones	14.02.03
Country/branch studies on the utilisation of excess capacity for export	14.03.02
<u>Group 15a: Industrial Surveys</u>	
Study on some special problems of industrial development of the smaller developing countries	15a.02.01
Preparatory work on a study on the effects of industrialisation on manufacturing employment and productivity	15a.02.02
Preparatory work on projections of industrial development	15a.02.04
<u>Group 15b: Industrial Branch Reports and Across-the-Board Techniques</u>	
Perspective study on the copper industry	15b.02.05
Perspective study on the pharmaceuticals industry	15b.02.06
Perspective study on the tin plate industry	15b.02.07
Perspective study on the impact of major steel work projects on the steel industry of the developing countries	15b.02.08
Study on radio-isotopes and radiation in industrial development	15t.05.01

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1971

	<u>Project component</u>
<u>Group 1: Engineering Industries</u>	
Industrial branch studies on lorries, tractors and prime movers	1.01.01
Agricultural machinery and implements requirements, including storage and transport in the ECAFE region	1.01.07
Supply of spare parts to industry	1.03.06
Manufacture of construction machinery (two studies)	1.08.01
<u>Group 2: Metallurgical Industries</u>	
Supply of, and demand for, metallurgical technology transfer to metals transforming industries	2.05.02
<u>Group 3: Construction and Building Materials Industries</u>	
Study on the substitution of asbestos by mineral wool	3.02.02
Studies in building materials industry	3.06.01
<u>Group 5: Fertilizers, Pesticides and Petrochemicals Industries</u>	
Studies on the under-utilization of capacities in the fertilizer and pesticide industry (in the ECAFE region and in an African country)	5.01.04
Study on the transport of molten sulphur studies	5.02.01 (Priority B)
Studies on protein from hydrocarbons	5.04.06
Report on the universal process training unit	5.04.09
<u>Group 7: Industrial Administration</u>	
Industrial legislation review in Latin America	7.02.01
Study on requirements of developing countries with regard to licensing practices	7.04.02
<u>Group 8: Industrial Institutions</u>	
Study on the allocation of national resources for industrial research	8.01.03 (Priority B)
Survey on the role of national engineering associations in industrial development	8.03.05
<u>Group 9: Industrial Information</u>	
Collection of unpublished industrial information material	9.02.02
Industrial information processing system (INDIS)	9.02.06

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1971 (cont'd)

	<u>Project component</u>
<u>Group 10a: Industrial Training</u>	
Continuation of investigations on the applicability of the results of current educational research carried out by qualified institutions in the field of training and education	10a.01.01
Evaluation of UNIDO individual fellowship programmes	10a.01.03
Evaluation of projects employing achievement motivation technology	10a.04
<u>Group 10b: Industrial Management and Consulting Services</u>	
Field investigations on line and staff authority, task force management, the traditional requirements of authority/activity alignments and enterprise structures	10b.03.01
Investigation on the techniques of management information systems	10b.04.01
Investigations on the particular planning needs and requirements of business enterprises in selected developing countries	10b.05.01
<u>Group 11: Small-scale Industry and Related Activities</u>	
Collection of information on small industry projects, schemes, equipment and design	11.03.06
Continuation of studies on marketing methods and distribution channels for products of small-scale industries	11.06.01
Study on small-scale industry outside metropolitan areas	11.08
<u>Group 12: Industrial Programming and Project Planning</u>	
<u>Ad hoc</u> studies and technical reports on methods for determining investment priorities	12.01.02
Collection and analysis of data on resource allocation and actual costs for preventive maintenance and repair	12.01.03
Reference projections of industrial growth	12.01.04 (Priority B)
Preparatory work for a comparative study of industrial implementation systems and machineries	12.01.05
Assessment of the implementation of industrial development plans	12.01.06
Assessment of data bank approval to development programming	12.02.02
Collection of reference studies on market analysis	12.03.01
Methods of calculating national parameters for industrial project evaluation (case studies)	12.03.03
Case studies on regional industrial development planning	12.05.02

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1964 (cont'd)

	<u>Project component</u>
<u>Group 13: Industrial Policies and Financing</u>	
Case studies on industrialization policies and strategies	13.01.01
Studies on the impact of tariff and protection policies on industrial development	13.02.01
Case studies on industrial policy implementation machinery	13.03.01
Studies on selected regional co-operation schemes	13.04.01
Portfolio of industrial projects	13.09.01
<u>Group 14: Promotion of Export-oriented Industries</u>	
Feasibility studies on specific industries to ascertain economic viabilities and export potentials	14.01.01
Feasibility studies on free-zones	14.02.03
Country/branch studies on the utilization of excess capacity for export	14.03.02
<u>Group 15a: Industrial Surveys</u>	
Study on some special problems of industrial development of the smaller developing countries	15a.02.01
Study on the effects of industrialisation on manufacturing employment and productivity	15a.02.02
Study on structural changes in manufacturing growth	15a.02.03
Projections of industrial development	15a.02.04
<u>Group 15b: Industrial Branch Reports and Across-the-Board Techniques</u>	
Branch report on industrial machinery and especially the machine tools industry	15b.01.05
Perspective study on the demand for industrial machinery	15b.02.09
Projections for the agricultural machinery industry	15b.02.10
Perspective study on electrical machinery industry	15b.02.11
Industrial development and human environment	15b.04.01

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1972

	<u>Project Component</u>
<u>Group 1: Engineering Industries</u>	
Design and manufacture of wet land (rice) harvesting and threshing machinery in developing countries	1.01.08
Manufacture of semi-conductors on a subregional basis	1.02.05
UNIDO sponsored mobile workshop (in African countries)	1.03.05
Regional survey of container manufacture	1.05.04 (Priority B)
<u>Group 2: Metallurgical Industries</u>	
Prototype plant design and operating standards for smelting of titaniferous ores or concentrates	2.01.03
Supply of, and demand for metallurgical technology transfer to metals-transforming industries	2.05.02
<u>Group 3: Construction and Building Materials Industries</u>	
Survey on cement machinery	3.01.02 (Priority B)
Survey on low-grade asbestos	3.02.03 (Priority B)
Study on building components produced from silicious raw materials	3.06.02
<u>Group 4: Chemicals, Pharmaceuticals and Pulp and Paper Industries</u>	
Regional survey of basic chemicals	4.01.02
<u>Group 5: Fertilizers, Pesticides and Petrochemicals Industries</u>	
A study on the under utilization of capacities in the fertilizer and pesticide industry (in a Latin American country)	5.01.04
Availability of excess chloride and its potential use for pesticide production in the Latin America and ECAFE region	5.03.01 (Priority B)
Models for establishing national fertilizer development centres	5.01.08
<u>Group 6: Light Industries</u>	
Prospects for industrial meat processing in developing countries	6.02.10
Studies on the selection of woodworking machinery	6.03.04
Study on fur industries and their development	6.04.03

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1972 (cont'd)

	<u>Project Component</u>
<u>Group 7: Industrial Administration</u>	
Industrial legislation reviews	7.02.01
Studies on selected branches of legislation	7.02.02 (Priority B)
Study on national regulations, statistics, costs, special conditions and commercial considerations of licensing technological processes in selected branches of industry	7.04.02
<u>Group 8: Industrial Institutions</u>	
Study on the establishment and activities of regional standardization organizations	8.02.02 (Priority B)
Study on the role, application and requirements including manpower, financial resources and equipment of metrology in developing countries	8.02.06
<u>Group 9: Industrial Information</u>	
Studies on "The use of audio-visual techniques in the industrialization process" and "Sources of industrial information promotional literature issued by supplier firms"	9.01.06
Study on the selection and use of computers in processing industrial information	9.01.07
Collection of unpublished industrial information material	9.02.02
Industrial information processing system (INDIS)	9.02.06
<u>Group 10a: Industrial Training</u>	
Evaluation of UNIDO individual fellowship programmes	10a.01.03
Evaluation of projects employing achievement motivation technology	10a.04
<u>Group 10b: Industrial Management and Consulting Services</u>	
Field investigations on line and staff authority, task force management, the traditional requirements of authority/activity alignments and enterprise structures	10b.03.01
Continuation of studies on the techniques of management information systems	10b.04.01
Investigation on the particular planning needs and requirements of business enterprises in selected developing countries	10b.05.01
<u>Group 11: Small-scale Industry and Related Activities</u>	
Collection of information on small industry projects, schemes, equipment and design and dissemination	11.01.06

STUDIES AND RESEARCH PROJECTS PLANNED FOR 1972 (cont'd)

	<u>Project Component</u>
<u>Group 12: Industrial Programming and Project Planning</u>	
<u>Ad hoc</u> studies and technical reports on methods for determining investment priorities	12.01.02
Collection and analysis of data on resource allocation and actual costs for preventive maintenance and repair	12.01.03
Reference projections of industrial growth	12.01.04
Comparative study of industrial implementation systems and machineries	12.01.05
Collection of reference studies on market analysis	12.03.01
Methods of calculating national parameters for industrial project evaluation (case studies)	12.03.03
Case studies on regional industrial development planning	12.05.02
<u>Group 13: Industrial Policies and Financing</u>	
Case studies on industrialization policies and strategies	13.01.01
Case studies on industrialization policy machinery	13.03.01
Studies on selected regional co-operation schemes	13.04.01
Portfolio of industrial projects	13.09.01
<u>Group 14: Promotion of Export-oriented Industries</u>	
Feasibility studies on specific industries to ascertain economic viabilities and export potentials	14.01.01
Feasibility studies on free-zones	14.02.03
Country/branch studies on the utilization of excess capacity for export	14.03.02
<u>Group 15a: Industrial Surveys</u>	
Employment problems and industrialization	15a.02.02
Study on structural changes in manufacturing growth	15a.02.03
Projections of industrial development	15a.02.04
<u>Group 15b: Industrial Branch Reports and Across-the-Board Techniques</u>	
Branch reports on the inorganic basic chemical industry	15b.01.06
Branch reports on leather industry	15b.01.07
Perspective study on the construction industry	15b.02.12
Perspective study on the inorganic basic chemicals industry	15b.02.13
Consultations on product improvement and process control techniques	15b.05.02 (Priority B)



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