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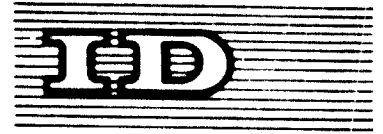
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PROGRAMME OF WORK FOR 1971 INCLUDING REPORT OF ACTIVITIES

FOR 1969 AND UPDATING OF 1970 PROGRAMME

PART TWO

Group 11: Small-scale Industry, including Industrial
Extension Services and Industrial Estates

NOTE

Documents ID/B/64/Add.1-15 contain a detailed description of the fifteen groups of activities of UNIDO for the years 1969 to 1971. A list of these fifteen groups appears in the preface to document ID/B/64.

The material in each addendum is organized as follows:

Introduction

A. Operational Activities

B. Supporting Activities

Section A on Operational Activities lists the field projects by technical assistance programmes (UNDP/SF, UNDP/TA, RP and SIS). Under each programme appears a detailed description of the projects approved as of 30 September 1969 and a forecast of new projects. The list of approved projects is followed by a summary of expenditures. Projects that have been completed in 1969 (barring possible extension) are indicated by an asterisk.

Section B on Supporting Activities is divided into "projects" corresponding to major areas of work, each project being subdivided into "components". Under each component, details of expenditures are given for the following items: staff man/months, meetings and consultants. The priorities A and B, under which components are listed, apply to the programmed activities in 1970 and 1971, priority B indicating that implementation is subject to availability of funds. Unless otherwise indicated, expenditures on supporting activities are financed from the UNIDO Regular Budget. Because of the nature of the item, expenditures on publications are listed separately in this section. Finally, the section contains summary tables of expenditures on supporting activities by sources of funds for 1969, 1970 and 1971.

INTRODUCTION

1. UNIDO recognizes that small industries have a role to play in the industrialization of developing countries, especially in those at an early stage of industrial development. In order to overcome their weaknesses and handicaps, small industries need integrated programmes of assistance to strengthen them through various improved organizational and institutional arrangements.
2. Operational activities in this area have shown a continuous increase, particularly in countries at an early stage of industrialization. The supporting activities are organized under four major projects: industrial extension services, industrial estates, techno-economic aspects of small industry development and surveys of small-scale industry. There is increasing co-operation with ILO in many aspects of the programmes of this group. In projects lending themselves to the regional approach, there is close co-operation with the regional economic commissions and UNESOB.
3. Two new UNDP/SF projects were approved in 1969 and were expected to become operational towards the end of the year; progress was made on the existing projects. The number of UNDP/SF projects is expected to increase from five in 1969 to eight in 1970, and to twelve in 1971. Operational activities under other programmes will be intensified in countries at present receiving assistance, and new projects will be taken up in several countries not at present receiving assistance.
4. UNIDO experts assisted in developing national and regional small industry programmes in management training and management improvement of small enterprises and in planning the development of industrial estates and programmes of subcontracting. Other experts assisted in providing feasibility studies on the establishment of indigenous small-scale industries, organizing extension services, preparing suitable designs for small industry products and training of nationals in small-scale industry.
5. As far as supporting activities in 1969 were concerned, UNIDO, in co-operation with ECA, assisted in a project for establishing a centre for training and development of small enterprises in an African country which will receive machinery and equipment for small-scale industry, donated by the Government of India. UNIDO experts will co-operate with technicians, to

be made available by the Government of India, and with local officials in promoting the establishment of small enterprises. The centre will also serve the needs of neighbouring countries. This project is an example of assistance in promoting co-operation between developing countries.

6. Agreement was reached with ILO for carrying out joint missions for the establishment or improvement of extension services for small-scale industries in selected countries. Negotiations were concluded at the technical level for carrying out two such missions in 1969 and six in 1970.

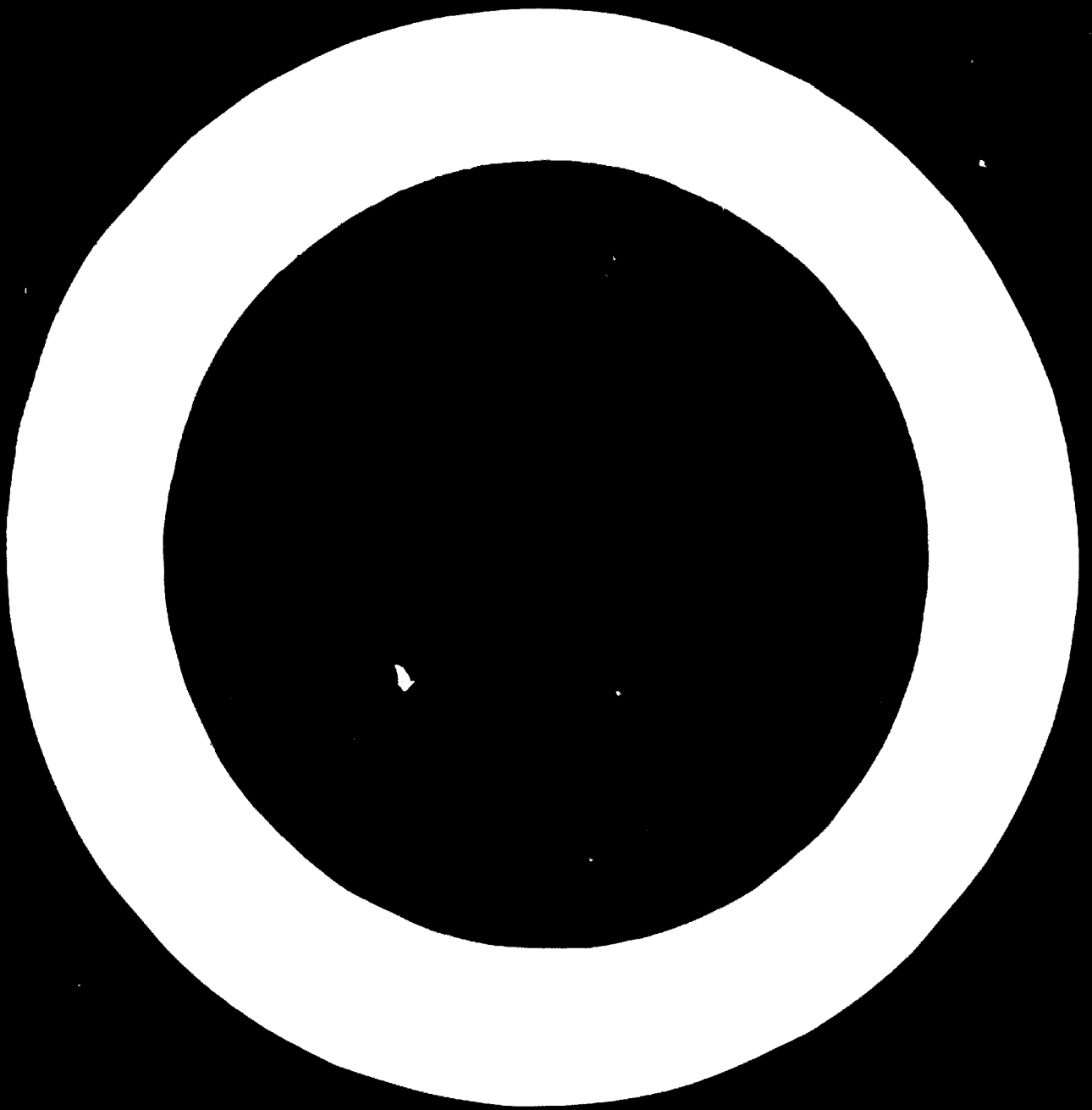
7. A Group Training Programme on the Planning, Establishment and Management of Industrial Estates for participants from fifteen developing countries took place in Hyderabad, India, for ten weeks from January to March 1969. This is an example of how the experience of one developing country can be utilized to the benefit of other developing countries.

8. An Expert Group Meeting on the Role and Promotion of Subcontracting in Industrial Development, jointly sponsored by UNIDO and OECD, took place in Paris for one week in October 1969. The meeting was attended by 30 experts from developing and developed countries. At the meeting there was an exchange of experience between developed and developing countries about a field that offers scope for the establishment of modern small-scale industries in developing countries.

9. UNIDO participated in the first Afro-Asian Conference on the Development of Small Industries, organized by the Afro-Asian Organization for Economic Co-operation (AFRASEC) and held in Cairo during March 1969.

10. Projects for training extension officers and officials in industrial extension services will be undertaken for the first time during 1970 and 1971. A group training programme for French-speaking extension officers is planned for 1970, and for Spanish-speaking officers for 1971. Training workshops for senior officials are to be held in West and East Africa during 1970, and in Central and North Africa (including other Mediterranean countries) in 1971. These projects are directly related to increased operational activities in African countries and will provide technical personnel with an opportunity to work as the counterparts of experts; after the completion of UNIDO technical assistance, these personnel will then take over the operation of the projects.

11. Joint UNIDO/ILO missions were carried out in 1969, and others will be undertaken in 1970 and 1971 for the preparation of common projects for the development of extension services.
12. The work begun in Africa in 1969 on the establishment of a small industry centre, with the assistance of the Government of India, will be intensified and, on the basis of this experience, possibilities for similar projects in one or two other selected countries in the early stages of industrialization will be explored. It is hoped that use can be made of voluntary contributions and bilateral assistance for this project.
13. The problems of financing small-scale industry will be discussed for the first time, and recommendations will be made for operational programmes in two regional meetings, one for Latin America, to be held in 1970 in co-operation with ECLA, and one for Asia and the Far East, to be held in 1971 in co-operation with ECAFE.
14. It is proposed to carry out studies during 1970 and 1971 in selected developing countries, with a view to organizing an expert group meeting in 1971 on industrialization of countries at early stages of development with special reference to small-scale industry. The expert group will consider the present obstacles and the approaches and methods needed to accelerate industrialization in these countries.



A. OPERATIONAL ACTIVITIES

UNDP/SPECIAL FUND - approved projects

Project
number

AFRICA

Cameroon

CMR-12 Centre of assistance to small industries, Douala

Purpose: To provide an industrial economist for small industries.
ILO is the executing agency.

Approved: January 1969
Duration: 2 years

UNDP: \$ 330,300
Gov't: \$ 359,000

Uganda

UGA-7 Small industries development programme and establishment of an industrial estate, Kampala

Purpose: To assist the industry division of the Ministry of Industry and Commerce in establishing 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
Duration: 5 years

UNDP: \$ 746,400
Gov't: \$1,114,995

Zambia

ZAM-6 Development of small-scale industries

Purpose: To assist the Industrial Development Corporation of Zambia (INDECO) in development of Zambian small-scale enterprises to provide a base for the continued expansion of small-scale industries and services under indigenous national entrepreneurship and management. The plan of operation is being prepared.

Approved: June 1969
Duration: 3 years

UNDP: \$ 608,400
Gov't: \$ 294,000

UNDP/SPECIAL FUND - approved projects (cont'd)Project
numberTHE AMERICASChile

CHI-22

Department of small industries

Purpose: To provide an industrial estate expert. ILO is the executing agency.

Approved: January 1966

UNDP: \$1,036,000

Duration: 5 years

Gov't: \$6,597,000

ASIA AND THE
FAR EASTIran

IRA-11

Establishment of an industrial estate, Ahwaz - 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.

Approved: June 1963

UNDP: \$1,067,400

Duration: 7 years

Gov't: \$3,149,300

EUROPE AND THE
MIDDLE EASTGreece

GRE-26

Industrial area and industrial estate near Salonika

Purpose: To assist the Government in planning, setting up and operating an industrial area, an industrial estate and a free customs zone near Salonika. The plan of operation has been drafted.

Approved: June 1969

UNDP: \$ 611,400

Duration: 3 years

Gov't: \$2,494,000

UNDP/SPECIAL FUND - approved projects (cont'd)

Project
number

EUROPE AND THE
MIDDLE EAST (cont'd)

Saudi Arabia

SAA-14 Industrial Studies and Development Centre, Riyadh^{1/}

Purpose: To establish and operate a model industrial estate.

Turkey

TUR-25 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. Preliminary operation began in December 1967; the project was revised following a UNIDO mission to Turkey, and a new plan of operation was drafted in September 1969.

Approved: January 1968
Duration: 5 years

UNDP: \$ 962,800
Gov't: \$1,240,000

1/ For project description, see ID/B/64/Add.12, Operational Activities.

UNDP/SPECIAL FUND - approved projects (cont'd)

Table 1

Estimated expenditures for approved UNDP/SF projects, 1969-1971

	1969			1970			1971		
	<u>Experts</u>	<u>Fellows</u>	<u>Other^{a/}</u>	<u>Experts</u>	<u>Fellows</u>	<u>Other^{a/}</u>	<u>Experts</u>	<u>Fellows</u>	<u>Other^{a/}</u>
CAM-12	-	-	-	26,900	-	-	24,500	-	-
UGA-7	77,000	-	9,500	155,200	13,000	38,700	121,800	10,000	5,700
UAR-66	-	-	-	23,100	-	-	-	-	-
ZAM-6	1,800	-	-	24,650	-	8,500	158,100	7,800	30,000
CHI-22	23,100	-	-	23,100	-	-	-	-	-
IRA-11	69,800	3,100	33,700	241,150	5,100	25,100	142,450	5,100	7,000
GRE-26	2,000	-	500	92,400	6,600	10,000	191,400	8,000	126,000
TUR-25	500	-	200	138,600	13,600	121,900	170,100	18,200	109,500
Total	174,200	3,100	43,900	725,100	38,300	204,200	808,350	49,100	278,200

a/ Including equipment and subcontracting.

UNDP/SPECIAL FUND - projects submitted to UNDP for approval

Project number

AFRICA

Niger

NER-15

Establishment of an industrial estate at Niamey

Purpose: To assist in the establishment of an industrial estate for small industries as well as for the organization and development of traditional industries.

Duration: 5 years

Est. UNDP: \$ 696,000
Est. Gov't: \$ 786,000

UNDP/SPECIAL FUND - projects submitted to UNDP for approval (cont'd)

Project
number

AFRICA (cont'd)

Senegal

SEN-14 Assistance to industrial survey and promotion centre (SONEPI)

Purpose: To provide assistance in the establishment and initial operation of the "Société Nationale d'Etudes et de Promotion Industrielle" (SONEPI) in undertaking industrial projects likely to be implemented under the Third Economic and Social Development Plan 1969-1973. The project will concentrate on the promotion of small and medium-size Senegalese enterprises.

Duration: 3 years

Est. UNDP: \$ 479,200

Est. Gov't: \$ 483,000

THE AMERICAS

Brazil

BRA-44 Industrial development centre, Feira de Santana, Bahia

Purpose: To assist in the establishment of a centre which will provide economic information and guidance, technical advisory services, management consultancy services, financial assistance services, common facility services, subcontracting development services and management and technical training services for small and medium-scale industries.

Duration: 2½ years

Est. UNDP: \$ 663,900

Est. Gov't: \$ 898,000

UNDP/SPECIAL FUND - projects under preparation

AFRICA

Small industry development

Centre for industrial development (small-scale industry)

UNDP/TECHNICAL ASSISTANCE - approved projects

<u>Project number</u>		<u>1969</u>	<u>1970</u>	<u>1971</u>
		(in US dollars)		
<u>AFRICA</u>				
<u>Burundi</u>				
BUR-68-3	<u>Development of small and medium-scale industries - industrial engineering and programming (assistance to the Ministry of Economy)</u>			
	expert	1/29 m/m	9,625	24,000
	fellows	2/24 m/m	5,800	24,000
			5,800	-
<u>Cameroon</u>				
CAM-69-3	<u>Development of small-scale industries - industrial engineering, assistance to the Ministry of Plan and Development (project started under UNIDO Regular Programme)</u>			
	expert	1/12 m/m	-	24,000
				-
<u>Dahomey</u>				
DAH-69-1	<u>Development of small-scale industries* - assistance to the Ministry of Prospects and Plan (project started under UNIDO Regular Programme)</u>			
	expert	1/3 m/m	5,775	-
				-
<u>Liberia</u>				
LIR-68-11	<u>Small-scale industrial development - assistance to the Department of Planning and Economic Affairs</u>			
	expert	1/12 m/m	-	24,000
				-
<u>Rwanda</u>				
RWA-68-14	<u>Small-scale industrial development - promotion of small-scale industries, advice to the Ministry of Industry</u>			
	expert	1/24 m/m	-	24,000
				24,000

UNDP/TECHNICAL ASSISTANCE - approved projects (cont'd)

<u>Project number</u>		<u>1969</u>	<u>1970</u>	<u>1971</u>
		(in US dollars)		
<u>AFRICA (cont'd)</u>				
<u>Uganda</u>				
UGA-68-19	<u>Industrial planning and programming - senior industrial officer (OPAS) assisting the Ministry of Commerce and Industry</u>			
	expert	1/24 m/m	-	17,287
	fellow	1/6 m/m	3,400	17,287
			-	-
<u>Upper Volta</u>				
UPV-68-20	<u>Small and medium-scale industrial development - industrial economics (assistance to industrial development and handicrafts)</u>			
	expert	1/26 m/m	3,850	24,000
			24,000	24,000
<u>THE AMERICAS</u>				
<u>Brazil</u>				
BRA-68-25	<u>Technical assistance to SUDENE - superintendency for the development of the North East (industrial estates)</u>			
	expert	1/24 m/m	-	24,000
				24,000
<u>Dominican Republic</u>				
DOM-68-8	<u>Development of small and medium-scale industries - industrial economics and engineering (assistance to the Corporación de Fomento Industrial)</u>			
	expert	1/36 m/m	23,100	24,000
			24,000	24,000
<u>El Salvador</u>				
ELS-68-6	<u>Small-scale industries development - advice to the National Council for Economic Planning and Co-ordinating</u>			
	expert	1/12 m/m	19,250	4,000
				-

UNDP/TECHNICAL ASSISTANCE - approved projects (cont'd)

<u>Project number</u>		<u>1969</u>	<u>1970</u>	<u>1971</u>
		(in US dollars)		
<u>THE AMERICAS (cont'd)</u>				
<u>Jamaica</u>				
JAM-69-1	<u>Industrial management - director of Things Jamaican Craft Development Corporation (OPAS)</u>			
	expert	1/12 m/m	9,000	8,000 -
<u>ASIA AND THE FAR EAST</u>				
<u>Ceylon</u>				
CEY-69-24	<u>Industrial design for small-scale industry</u>			
	expert	1/12 m/m	11,550	12,000 -
<u>Philippines</u>				
PHI-69-8	<u>Pilot industrial estate at Limay - project started under SIS 67/253</u>			
	expert	1/3 m/m	1,925	4,000 -
<u>Republic of Korea</u>				
KOR-68-8	<u>Location of industry - assistance to the Housing Urban and Regional Planning Institute in implementing the second five-year development plan</u>			
	expert	1/4 m/m	7,700	- -

UNDP/TECHNICAL ASSISTANCE - approved projects (cont'd)

Table 2

Estimated expenditures for approved UNDP/TA projects, 1969-1971

	1969		1970		1971	
	<u>m/m</u>	<u>US\$</u>	<u>m/m</u>	<u>US\$</u>	<u>m/m</u>	<u>US\$</u>
Experts	9/48	91,775	11/108	213,287	6/12	137,287
Fellows	2/18	9,200	1/12	5,800	-	-
Other	-	-	-	-	-	-
Total		<u>100,975</u>		<u>219,087</u>		<u>137,287</u>

UNDP/TECHNICAL ASSISTANCE - forecast of new projects for 1971

	<u>Experts</u> m/m	<u>Fellows</u> m/m	<u>Other</u> US\$
<u>AFRICA</u>			
Small-scale industry development and establishment of industrial estates	3/60	6/36	-
Small and medium-sized industries development	4/48	-	-
Industrial estates	6/36	-	-
Development of small-scale industries and establishment of industrial estates (OPAS type of assistance)	3/36	-	-
Industrial extension services in small-scale industry	2/12	-	-
Allocation of industrial land	1/6	-	-
Marketing of small industries	1/6	-	-
<u>THE AMERICAS</u>			
Small-scale industries development	5/40	-	-
Small-scale industry development and industrial estates	2/24	3/18	-
Industrial estates	2/24	-	-
Extension services and productivity for small and medium-scale industries	1/12	-	-
Small-scale industries development (OPAS arrangements)	1/12	-	-
<u>ASIA AND THE FAR EAST</u>			
Industrial design for small-scale industries	1/12	-	-
Industrial estates	6/48	-	-

UNDP/TECHNICAL ASSISTANCE - forecast of new projects for 1971 (cont'd)

	<u>Experts</u> <u>m/m</u>	<u>Fellows</u> <u>m/m</u>	<u>Other</u> <u>US\$</u>
<u>ASIA AND THE FAR EAST (cont'd)</u>			
Financing of small-scale industry	1/12	-	-
Small-scale industry development	3/24	2/10	-
<u>EUROPE AND THE MIDDLE EAST</u>			
Small-scale industry development	1/12	3/30	-
Industrial estates	1/12	-	-
Extension services for small-scale industry	1/12	-	-

UNIDO REGULAR PROGRAMME - approved projects

<u>Project number</u>			<u>1969</u>	<u>1970</u>
			(in US dollars)	
<u>AFRICA</u>				
<u>Botswana</u>				
RP-11-2	<u>Industrial estates*</u>			
	expert	1/3 m/m	6,200	-
RP-11-3	<u>Small-scale industry development - organization</u>			
	fellow	1/6 m/m	-	3,400
<u>Burundi</u>				
RP-11-3	<u>Small-scale industries development - management</u>			
	fellow	1/6 m/m	-	3,400
<u>Cameroon</u>				
RP-11-4	<u>Small-scale industries* - development of small and medium-scale industries</u>			
	expert	1/12 m/m	21,500	-
<u>Central African Republic</u>				
RP-11-5	<u>Small-scale industry development* - management</u>			
	fellow	1/6 m/m	3,400	-
<u>Congo (Brazzaville)</u>				
RP-11-7	<u>Small-scale industry development - adviser</u>			
	expert	1/6 m/m	10,100	-
	fellow	1/6 m/m	3,400	-
<u>Congo (Democratic Republic of)</u>				
RP-11-2	<u>Small-scale industries development - industrial engineering</u>			
	expert	1/6 m/m	-	11,550

UNIDO REGULAR PROGRAMME - approved projects (cont'd)

<u>Project number</u>			<u>1969</u>	<u>1970</u>
			(in US dollars)	
<u>AFRICA (cont'd)</u>				
<u>Congo (Democratic Republic of) (cont'd)</u>				
RP-11-8	<u>Small-scale industries development - industrial management</u>			
	expert	1/5 m/m	8,500	-
	fellow	1/6 m/m	3,400	-
<u>Kenya</u>				
RP-11-3	<u>Industrial estates - management</u>			
	fellows	2/12 m/m	-	6,800
RP-11-16	<u>Industrial estates* - general manager, Nairobi industrial estates</u>			
	expert	1/8 m/m	15,000	-
<u>Lesotho</u>				
RP-11-2	<u>Small-scale industries development - organization and administration</u>			
	fellow	1/4 m/m	-	2,600
<u>Madagascar</u>				
RP-11-4	<u>Industrial estates - management</u>			
	fellow	1/6 m/m	-	3,400
<u>Senegal</u>				
RP-11-3	<u>Industrial estates - management</u>			
	fellow	1/6 m/m	-	3,400
RP-11-31	<u>Small-scale industries development*</u>			
	expert	1/6 m/m	8,500	-

UNIDO REGULAR PROGRAMME - approved projects (cont'd)

<u>Project number</u>		<u>1969</u>	<u>1970</u>
		(in US dollars)	
<u>AFRICA (cont'd)</u>			
<u>Somalia</u>			
RP-11-2	<u>Small-scale industries development</u>		
	expert	1/8 m/m	- 15,400
<u>Togo</u>			
RP-11-2	<u>Small-scale industries development</u>		
	expert	1/3 m/m	- 5,775
RP-11-35	<u>Small-scale industries development* - industrial engineer</u>		
	expert	1/9 m/m	15,900 -
<u>Regional</u>			
RP-11-6	<u>Small-scale industries development - regional adviser</u>		
	expert	1/12 m/m	- 24,500
RP-11-44	<u>Small-scale industries development* - regional adviser</u>		
	expert	1/12 m/m	25,400 -
RP-11-160	<u>Small-scale industries development*</u>		
	consulting firm		20,000 -
<u>THE AMERICAS</u>			
<u>Dominican Republic</u>			
RP-11-2	<u>Small-scale industries development - management</u>		
	fellows	2/12 m/m	- 6,800
<u>El Salvadore</u>			
RP-11-2	<u>Small-scale industries development - management</u>		
	fellow	1/6 m/m	- 3,400

UNIDO REGULAR PROGRAMME - approved projects (cont'd)

<u>Project number</u>			<u>1969</u>	<u>1970</u>
			(in US dollars)	
<u>THE AMERICAS (cont'd)</u>				
<u>Haiti</u>				
RP-11-1	<u>Small-scale industries development - management</u>			
	expert	1/4 m/m	-	7,700
<u>Jamaica</u>				
RP-11-2	<u>Small-scale industries development - management</u>			
	fellows	2/12 m/m	-	6,800
<u>Trinidad and Tobago</u>				
RP-11-105	<u>Small-scale industries development*</u>			
	fellow	1/3 m/m	2,200	-
<u>ASIA AND THE FAR EAST</u>				
<u>Cambodia</u>				
RP-11-49	<u>Development of small and medium-scale industry* - management</u>			
	fellows	2/12 m/m	6,800	-
<u>Western Samoa</u>				
RP-11-79	<u>Small-scale industries* - management</u>			
	fellow	1/6 m/m	3,400	-
<u>EUROPE AND THE MIDDLE EAST</u>				
<u>Cyprus</u>				
RP-11-3	<u>Small-scale industries</u>			
	expert	1/6 m/m	-	11,550

UNIDO REGULAR PROGRAMME - approved projects (cont'd)

<u>Project number</u>			<u>1969</u>	<u>1970</u>
			(in US dollars)	
<u>EUROPE AND THE MIDDLE EAST (cont'd)</u>				
<u>Lebanon</u>				
RP-11-1	<u>Small-scale industries</u> - management fellow	1/6 m/m	-	3,400
<u>Saudi Arabia</u>				
RP-11-2	<u>Small-scale industries</u> - development of traditional industries	expert	1/3 m/m	- 5,775
RP-11-131	<u>Small-scale industries*</u> - development of traditional industries	expert	1/3 m/m	6,200 -
<u>Yemen</u>				
RP-11-1	<u>Small-scale industries</u> - development	expert	1/5 m/m	- 9,625
<u>INTERREGIONAL</u>				
RP-11-5	<u>Small-scale industries</u>	expert	1/12 m/m	- 24,500

Table 3Estimated expenditures for approved RP projects, 1969-1970

	<u>1969</u>		<u>1970</u>	
	<u>m/m</u>	<u>US\$</u>	<u>m/m</u>	<u>US\$</u>
Experts	10/68	117,300	9/59	116,375
Fellows	9/57	22,600	13/76	43,400
Other	-	20,000	-	-
Total		159,900		159,775

UNIDO REGULAR PROGRAMME - forecast of new projects for 1971

	<u>Experts</u> <u>m/m</u>	<u>Fellows</u> <u>m/m</u>
<u>AFRICA</u>		
Small-scale industry management	-	4/24
Small-scale industry reorganization	-	1/6
Small-scale industry organization	-	2/12
Small-scale industry organization and management	-	3/18
Small-scale industry development	1/6	-
Regional adviser, development of small-scale industries	1/12	-
<u>THE AMERICAS</u>		
Small-scale industry promotion	-	1/3
Small-scale industry development	-	2/12
Small-scale industry management	-	1/12
<u>ASIA AND THE FAR EAST</u>		
Small-scale industry promotion	-	1/6
Small-scale industry development	-	1/6
<u>EUROPE AND THE MIDDLE EAST</u>		
Management and organization of small enterprises	-	1/6
Small-scale industry development	-	3/18
Small-scale industry organization and management	-	1/6
<u>INTERREGIONAL</u>		
Interregional adviser on small-scale industries	1/12	-

SPECIAL INDUSTRIAL SERVICES - approved projects

<u>Project number</u>			<u>1969</u>	<u>1970</u>
			(in US dollars)	
<u>AFRICA</u>				
<u>Cameroon</u>				
67/233 CMR-2	<u>Pilot industrial estate - small-scale industry adviser</u>			
	expert	1/12 m/m	12,000	12,000
	fellow	1/6 m/m	-	3,600
<u>Kenya</u>				
67/123 KEN-2	<u>Industrial estate, Nairobi - common facility centre * (mechanical engineer)</u>			
	expert	1/2 m/m	4,000	-
<u>Mauritania</u>				
68/368 MAU-2	<u>Assistance in development of small-scale industries* - industrial economist</u>			
	expert	1/3 m/m	6,200	-
<u>Rwanda</u>				
68/308 RWA-5	<u>Industrial estates at Kigali* - small-scale industries</u>			
	expert	1/6 m/m	11,000	-
<u>Senegal</u>				
67/184 SEN-1	<u>Thiès industrial estate - pre-investment (estates management, project evaluation and planning)</u>			
	expert	1/12 m/m	24,000	1,400
	fellows	2/12 m/m	3,000	3,400
<u>Sudan</u>				
68/287 SUD-13	<u>Assistance to small-scale industry* - industrial economist, industrial engineer</u>			
	experts	2/5 m/m	12,500	-

SPECIAL INDUSTRIAL SERVICES - approved projects (cont'd)

<u>Project number</u>		<u>1969</u>	<u>1970</u>
		(in US dollars)	
<u>AFRICA (cont'd)</u>			
<u>Sudan (cont'd)</u>			
69/550 SUD-18	<u>Assistance and development of small industries - industrial economist</u> expert	1/3 m/m	6,000 -
<u>Upper Volta</u>			
68/280 UPV-3	<u>Feasibility study for the establishment of a pilot industrial estate* - industrial economist</u> expert	1/1 m/m	2,500 -
<u>THE AMERICAS</u>			
<u>Argentina</u>			
67/252 ARG-j	<u>Assistance to small-scale industry* - extension methods</u> expert	1/10 m/m	21,000 -
<u>Brazil</u>			
68/312 BRA-14	<u>Assistance in the establishment of industrial estates - physical planning specialist</u> expert	1/6 m/m	10,000 1,000
68/434 BRA-15	<u>Assistance in the development of small and medium-scale industries - industrial engineer</u> expert	1/6 m/m	4,000 8,000
<u>El Salvador</u>			
68/271 ELS-1	<u>Assistance in the preparation of a development programme of small-scale industries*</u> expert	1/2 m/m	4,500 -

SPECIAL INDUSTRIAL SERVICES - approved projects (cont'd)

<u>Project number</u>			<u>1969</u>	<u>1970</u>
			(in US dollars)	
<u>THE AMERICAS (cont'd)</u>				
<u>Jamaica</u>				
67/153 JAM-1	<u>Direction and Management of Things Jamaican Craft Development Corporation* - small craft industries</u>	expert	1/5 m/m	8,000 -
<u>Trinidad and Tobago</u>				
69/564 TRI-15	<u>Assistance in development of small industries - industrial economist</u>	expert	1/6 m/m	10,000 2,000
<u>ASIA AND THE FAR EAST</u>				
<u>India</u>				
69/501 IND-19	<u>Advice on the establishment of subcontracting exchanges in Bombay</u>	expert	1/4 m/m	2,000 6,000
<u>Pakistan</u>				
68/400 PAK-3	<u>Small-scale industry promotion - industrial economist</u>	experts	2/3 m/m	3,500 2,300
<u>Philippines</u>				
67/253 PHI-5	<u>Pilot industrial estate at Limay - industrial engineer</u>	expert	1/2 m/m	- 6,000
69/521 PHI-8	<u>Industrial estate at Limay and Sapang Palay - industrial economist</u>	expert	1/9 m/m	4,000 14,000

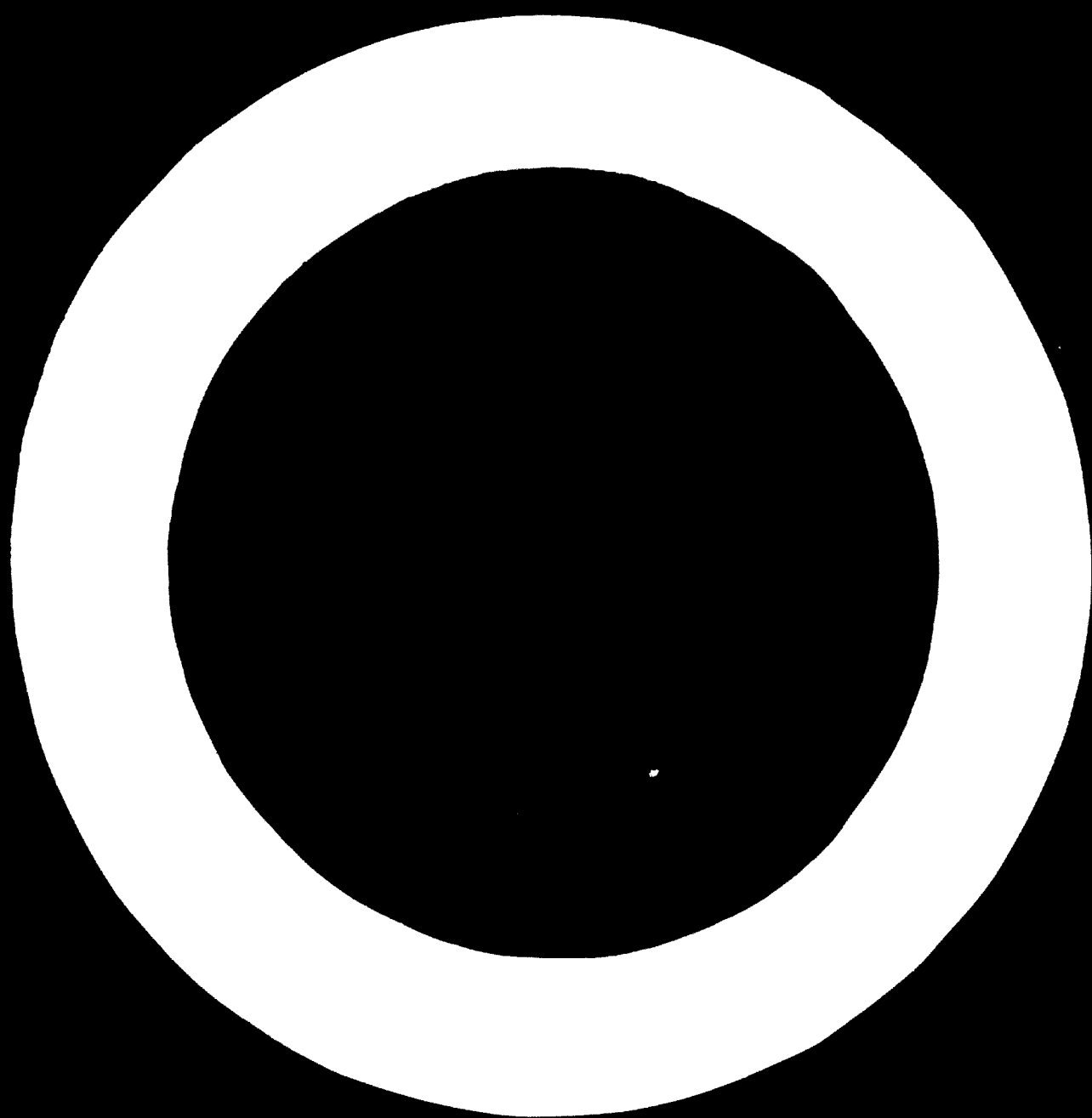
SPECIAL INDUSTRIAL SERVICES - approved projects (cont'd)

<u>Project number</u>		<u>1969</u>	<u>1970</u>
		(in US dollars)	
<u>ASIA AND THE FAR EAST</u>			
<u>Thailand</u>			
68/301 THA-7	<u>Marketing organization for small-scale industries and handcrafts</u>		
	expert	1/6 m/m	2,000 9,000
<u>EUROPE AND THE MIDDLE EAST</u>			
<u>Kuwait</u>			
69/462 KUW-2	<u>Small-scale industry adviser* - exploratory mission</u>		
	expert	1/.5 m/m	800 -
<u>Turkey</u>			
69/493 TUR-12	<u>Small industry development - subcontractors' exchanges (planning and organization)</u>		
	experts	2/4 m/m	2,000 7,500

Table 4

Estimated expenditures for SIS projects, 1969-1970

	1969		1970	
	<u>m/m</u>	<u>US\$</u>	<u>m/m</u>	<u>US\$</u>
Experts	23/75	150,000	10/33	69,200
Fellows	1/5	3,000	2/8	7,000
Other	-	-	-	-
Total		153,000		76,200



B. SUPPORTING ACTIVITIES

15. The supporting activities for Group 11 are classified under the following projects:

Industrial extension services	11.01
Industrial estates	11.02
Techno-economic aspects of small industry development	11.03
Surveys of small-scale industry	11.04

16. As was mentioned in the prefatory remarks to the section on supporting activities in Part One (ID/B/64), the objective of the supporting activities is to establish a two-way flow of information and experience between the supporting activities at headquarters and the field. A great deal of material on which headquarters' studies and meetings are based is derived from information received from the field. In turn, the studies and meetings are intended to improve the substantive support given by headquarters to the field operations. In many cases these results are fed directly to the field in the form of reports. In all cases, they constitute an accumulation of knowledge and experience on which both headquarters and field staff are able to draw in response to the needs arising in the technical assistance operations.

Industrial extension services (11.01)

17. The establishment, strengthening and improvement of industrial extension services for carrying out a variety of interrelated activities for the development of small-scale industries have emerged as the most important needs, particularly in the least industrialized countries.

Group training programme for industrial
extension officers (11.01.01)

18. Operational activities in the French-speaking developing countries have increased considerably. There is a real need in these countries for increasing the availability of trained national personnel in industrial extension activities. Preparations were therefore made in 1969 for undertaking a group training programme during 1970 for fifteen French-speaking industrial extension officers from developing countries. The programme will include lectures,

seminars, discussions, case studies and in-project and in-plant work on extension methods and techniques, extension services and industrial estates. It is proposed to hold the programme for a period of eight weeks in a European country. It will be financed partly by the host country and partly by UNDP/TA funds.

19. A similar programme for fifteen Spanish-speaking participants is proposed to be held during 1971, to be financed partly by the host country and partly by UNDP/TA funds.

Priority A

	<u>Staff</u> (in m/m)	<u>Meeting</u> (US\$)
1969	1	-
1970	3	21,000 ^{a/}
1971	3	20,000 ^{a/}

a/ UNDP/TA funds.

Training workshops on extension services
for small industry in Africa (11.01.02)

20. In addition to the group training programme mentioned above (11.01.01), which is devised for extension officers at the working level, UNIDO undertook preparatory work in 1969, in co-operation with ECA, on the organization of two training workshops on extension services for small industry to be held in 1970 for senior officials from the West and East African subregions (ID/B/44, para. 301). The third and fourth workshops for the Central and North African subregions (including other Mediterranean countries) are proposed to be held during 1971.

21. The objective of the training workshops is to give senior officials of government departments and other agencies directly involved in small industry development and provision of extension services intensive training and orientation over a period of two weeks in policies, programmes, institutions and facilities for the development of small-scale industries, especially in the organization of technical, financial and extension services.

22. During 1969 consultants prepared studies for the West and East African subregions, surveying the industrial extension and financing facilities for

small-scale industries and outlining the requirements in the subregions. During 1970 similar studies for the Central and North African subregions will be prepared by UNIDO staff, in co-operation with ECA and UNIDO experts in the field.

Priority A

	<u>Staff (in m/m)</u>	<u>Meetings (US\$)</u>	<u>Consultants (US\$)</u>
1969	1	-	10,848
1970	4	20,000 ^{a/}	-
1971	4	25,000 ^{a/}	3,000

a/ UNDP/TA funds.

Joint UNIDO/ILO missions for the establishment and strengthening of industrial extension service organizations (11.01.03)

23. Agreement was reached with the ILO during 1969 to carry out joint missions in selected developing countries (ID/B/44, para. 303) with a view to improving the operation of industrial extension services and to establishing such services where they are not yet in existence. The joint missions will undertake surveys and evaluations and prepare common projects for the development of extension services. Two joint missions took place in 1969, six are envisaged for 1970 and six for 1971.

Priority A

	<u>Staff (in m/m)</u>	<u>Consultants (US\$)</u>
1969	2	-
1970	6	3,000
1971	8	-

Common service facilities for small-scale industries (11.01.04)

24. A study of the tool room as a common service facility for small-scale industries was undertaken during 1968 and 1969, and completed in 1969. It is scheduled for publication in 1971.

25. A study of common facilities for selected small industries will be undertaken during 1970 and continued in 1971. Woodworking, leather and rubber products will be covered in 1970 and ceramics and textiles in 1971. UNIDO experts

engaged in operational projects will contribute to the preparation of some of these studies.

Priority A

	<u>Staff (in m/m)</u>	<u>Consultants (US\$)</u>
1969	3	-
1970	2	4,000
1971	2	-

Small industry centres (11.01.05)

26. During 1969, UNIDO, in co-operation with ECA, assisted in the establishment of a centre for training and development of small enterprises in an African country. This centre will be equipped initially with machinery and equipment donated by the Government of India. The machinery will serve as a nucleus for developing repair, maintenance and servicing facilities. Demonstration equipment for a number of small plants will be utilized to promote the establishment of similar enterprises by indigenous entrepreneurs and in neighbouring countries.

27. On the basis of the experience gained in this project, it is proposed to investigate during 1970 the possibility of establishing one or two similar centres in selected countries at an early stage of industrialization. These projects will combine the elements of demonstration, training and servicing.

Priority A

	<u>Staff (in m/m)</u>
1969	3
1970	6
1971	8

Modernization campaigns (11.01.06)

28. Subject to availability of funds, it is proposed, in connexion with transformation of traditional industries, to organize campaigns for the modernization of equipment and production in selected areas of a few developing countries. The campaigns would be organized, at the request of governments, in countries where UNIDO operates technical assistance projects relating, in particular,

to industrial extension, financing and the establishment of industrial estates. The costs of expert services would be met from the project costs and local project funds of the government. The role of UNIDO would be to assist in the organization of the campaign and to provide short-term services of an expert or of a staff member. The project is proposed to be organized in one country in 1970 and two countries in 1971.

Priority B

Staff
(in m/m)

1970	2
1971	4

Technical services for small-scale industries (11.01.07)

29. The manuscript for this study has been completed and publication is scheduled for 1970.

Regional meetings on financing of small-scale industry (11.01.08)

30. The financing of small-scale industry in developing countries requires special measures, incentives and institutional arrangements. As a rule, financing should be closely related to provision of industrial extension and technical assistance. A meeting on the financing of small-scale industry in Latin America will be held in 1970 in co-operation with ECLA (ID/B/44, para. 308). A similar meeting for Asia and the Far East will be held in 1971 in co-operation with ECAFE.

Priority A

	<u>Staff</u> <u>(in m/m)</u>	<u>Meetings</u> <u>(US\$)</u>	<u>Consultants</u> <u>(US\$)</u>
1969	2	-	-
1970	3	8,000 ^{a/}	-
1971	3	12,000 ^{a/}	3,000

^{a/} UNDP/TA funds.

Studies on marketing (11.01.09)

31. A study on marketing methods and distribution channels for small industry in developing countries will be prepared in 1970.
32. In 1971, two studies will be prepared, one on joint action and co-operative marketing arrangements, and the other on marketing of small industry products through chain stores, department stores and government-sponsored organizations.
33. These studies, together with the earlier United Nations study on government purchase programmes for small industry in the United States of America and India (1966), would be presented to a meeting on marketing of small industry products, proposed to be organized in 1972.

	Staff (in m/m)	Consultants (US\$)	<u>Priority A</u>
1970	3	4,000	
1971	4	2,000 ^{a/}	

^{a/} This will depend on the results of the activities in 1970.

Industrial estates (11.02)

34. Current activities in this sector are in the nature of complementary action to consolidate the considerable promotional efforts undertaken by the United Nations and UNIDO over a decade through technical co-operation projects, seminars and publications, and to facilitate effective implementation of projects, particularly in countries at an early stage of industrialization. These activities relate to training programmes, studies on specialized industrial estates suited to developing countries in different stages of development and preparation of projects suitable for the least industrialized areas.

Group Training Programme on the Planning, Establishment
and Management of Industrial Estates (11.02.01)

35. A group training programme, including class-room lectures and seminars, study visits and in-project work, for fifteen English speaking participants from fifteen developing countries, took place in Hyderabad, India, for a period of ten weeks from January to March 1969 (ID/B/26, para. 182). The project was prepared during 1967 and 1968.

Priority A

	<u>Staff (in m/m)</u>	<u>Meeting (US\$)</u>
1969	1.5	34,000 ^{a/}

^{a/} Since arrangements were concluded in 1968, the project was financed under the 1968 UNIDO Regular Programme.

Free-zone industrial estate (11.02.02)

36. A study on the subject was prepared during 1969 (ID/B/26, para.184) and is scheduled for publication in 1971.

Priority A

	<u>Staff (in m/m)</u>	<u>Consultants (US\$)</u>
1969	3	4,000
1970	-	-
1971	-	-

Specialized industrial estates (11.02.03)

37. Studies have been undertaken by UNIDO staff since 1968 of specialized types of industrial estates suited to countries in different stages of development (ID/B/20/Rev.1, para. 172(e)). The types of estates studied were: functional industrial estate, preferably organized in co-operative associations engaged in joint production programmes; ancillary industrial estates for small-scale industries in subcontracting relationships; and single-trade industrial estate, producing leather goods, woodworking, agricultural implements etc. The studies will be consolidated in one publication schedule to appear in 1971.

Priority A

	<u>Staff (in m/m)</u>
1969	3
1970	4

Techno-economic aspects of small industry development (11.03)

Quality in small-scale manufacturing (11.03.01)

38. A study was prepared during 1969 on the problems of quality in small-scale manufacturing and on methods and procedures for quality improvement. It will serve as a guide for small industry extension officers and small industry agencies in developing countries. It is scheduled for publication in 1971.

	<u>Staff (in m/m)</u>	<u>Consultants (US\$)</u>	<u>Priority A</u>
1969	2		
1970	2	3,000	
1971	1	-	

Case studies in adaptation of technology for small industry in selected developing countries (11.03.02)

39. UNIDO co-operated with ECA during 1969 in undertaking studies on appropriate technology for the manufacture of fish nets, pencils and solar cookers.

	<u>Staff (in m/m)</u>	<u>Priority A</u>
1969	0.5	

Small-scale manufacturing (11.03.03)

40. Studies on the techno-economic aspects of the manufacture of bicycles and sewing machines were carried out in 1968 (ID/B/26, para. 196-197). The study on bicycles was completed and published in 1969 and the second study is scheduled for publication in 1971.

	<u>Staff (in m/m)</u>	<u>Priority A</u>
1969	3	
1970	1	
1971	2	

Expert Group Meeting on the Role and Promotion of Subcontracting
in Industrial Development (11.03.04)

41. During 1969, five studies were prepared by UNIDO staff as preparation for the expert group meeting on subcontracting, jointly sponsored by UNIDO and OECD, which was held in Paris from 6 to 11 October 1969 (ID/B/26, para. 198). It was attended by 46 experts and observers from developing and developed countries, and by officials of OECD, UNIDO, ECAFE, ECE, EEC and others. The report of the meeting, together with selected documents, is scheduled for publication in 1971 (ID/B/44, para. 314).
42. During 1970 and 1971, UNIDO proposes to explore further aspects of subcontracting in the developing countries. It will sponsor and organize a number of training programmes, to be financed through country fellowships. Host countries will meet the local costs.

Priority A

	<u>Staff (in m/m)</u>	<u>Meetings (US\$)</u>
1969	15	9,000
1970	3	-
1971	3	-

Surveys of small-scale industry (11.04)

Small-scale Industry in Latin America (11.04.01)

43. This survey was completed and published in 1969 (ID/B/20/Rev.1, para. 173(a)).

Priority A

	<u>Staff (in m/m)</u>
1969	2

Small-scale Industries in the Arab Countries
of the Middle East (11.04.02)

44. This study was completed in 1969 and is scheduled for publication in 1970 (ID/B/26, para. 200).

Priority A

	<u>Staff (in m/m)</u>
1969	2
1970	-

Industrialization of countries at early stages of development with special reference to small-scale industry (11.04.03)^{2/}

45. It is proposed to undertake studies during 1970 in selected countries at early stages of industrial development on potentialities for industrialization, especially small industry development, and on factors influencing the establishment of indigenous enterprises. These studies will include papers to be prepared by headquarters staff and consultants, and especially by UNIDO field experts in these countries. The studies will be submitted to an expert group meeting on industrialization of countries at early stages of development, with special reference to small-scale industry, to be held in 1971.

	<u>Staff (in m/m)</u>	<u>Meetings (US\$)</u>	<u>Consultants (US\$)</u>
1970	6	-	8,000
1971	3	10,000	2,000

Priority A

The place of small-scale industry in the industrial framework - a statistical analysis (11.04.04)

46. This study will be finished in 1970 and is scheduled for publication in 1971.

	<u>Staff (in m/m)</u>
1969	2
1970	1

Priority A

^{2/} This project falls also in the area of competence of Group 12.

Promotion of small-scale industry in the
developing countries (11.04.05)

47. This study will be finished in 1970 and is scheduled for publication
in 1971.

Priority A

	<u>Staff</u> <u>(in m/m)</u>
1969	1
1970	2

PRINTED PUBLICATIONS

		<u>Languages</u>	<u>Cost</u> <u>(US\$)</u>
<u>Publications issued in 1969</u>			
ID/4	Industrial estates in Europe and the Middle East	F S	
ID/27	Small-scale industry in Latin America	E	
	<u>Small-scale manufacturing studies</u>		
ID/SER.K/1	Bicycles, a case study of Indian experience	E	
			<hr/> 8,612
<u>1970 publications programme</u>			
ID/20	Technical services for small scale industries	E F S	
ID/21	Small-scale industries in the Arab countries of the Middle East	E F S	
ID/27	Small-scale industry in Latin America	F S	
	<u>Small-scale manufacturing studies</u>		
ID/SER.K/1	Bicycles, a case study of Indian experience	F S	
			<hr/> 19,700
<u>Forecast of 1971 publications programme</u>			
	Small-scale manufacturing studies: Sewing machines	E F S	o
	Promotion of small-scale industry in the developing countries	E F S	
	Report and selected papers: Expert group on subcontracting (Paris, October 1969)	E	
	Free-zone industrial estates	E	
	The place of small-scale industry in the industrial framework - a statistical analysis	E	

PRINTED PUBLICATIONS (cont'd)

	<u>Languages</u>	<u>Cost</u> <u>(US\$)</u>
<u>Forecast of 1971 publications programme</u> (cont'd)		
Common service facilities for small-scale industries: No.1 - Tool room	E F S	
The functional industrial estate	E F S	
Quality in small-scale manufacturing	E	
		<hr/> 18,500

Note: In the computation of the printing costs a standard formula was applied based on averaging the cost of printing inside UNIDO and by an outside firm. The standard formula is used to provide for comparability of the cost of printing.

Table 5

Expenditures for supporting activities in 1969^{a/}

Project components	UNIDO Regular Budget				UNDP/TA	UNIDO General Trust Fund	Total ^{b/}
	(1) Staff m/m	(2) Meetings US\$	(3) Consultants US\$	(4) Publications US\$	(5) US\$	(6) US\$	(7) US\$
11-01-01	1	-	-	-	-	-	-
11-01-02	1	-	10,848	-	-	-	10,848
11-01-03	2	-	-	-	-	-	-
11-01-04	3	-	-	-	-	-	-
11-01-05	3	-	-	-	-	-	-
11-01-08	2	-	-	-	-	-	-
11-02-01	1.5	-	-	-	-	-	-
11-02-02	3	-	4,000	-	-	-	4,000
11-02-03	3	-	-	-	-	-	-
11-03-01	2	-	3,000	-	-	-	3,000
11-03-02	0.5	-	-	-	-	-	-
11-03-03	3	-	-	-	-	-	-
11-03-04	15	9,000	-	-	-	-	9,000
11-04-01	2	-	-	-	-	-	-
11-04-02	2	-	-	-	-	-	-
11-04-04	2	-	-	-	-	-	-
11-04-05	1	-	-	-	-	-	-
Total	47	9,000	17,848	8,612	-	-	35,460

^{a/} Expenditures have been calculated on the basis of actual expenditures up to 30 September 1969, projected to the end of the year.

^{b/} The totals in column 7 do not include the cost of publications. Thus the total of the items in this column does not correspond to the last line of the column.

Table 6

Estimated expenditures for supporting activities in 1970

Project components	UNIDO Regular Budget				UNDP/TA	UNIDO General Trust Fund	Total ^{a/}
	(1) Staff m/m	(2) Meetings US\$	(3) Consultants US\$	(4) Publications US\$	(5) US\$	(6) US\$	(7) US\$
Priority A							
11-01-01	3	-	-		-	21,000	21,000
11-01-02	4	-	-		20,000	-	20,000
11-01-03	6	-	3,000		-	-	3,000
11-01-04	2	-	4,000		-	-	4,000
11-01-05	6	-	-		-	-	-
11-01-08	3	-	-		8,000	-	8,000
11-01-09	3	-	4,000		-	-	4,000
11-02-03	4	-	-		-	-	-
11-03-01	2	-	-		-	-	-
11-03-03	1	-	-		-	-	-
11-03-04	3	-	-		-	-	-
11-04-03	6	-	8,000		-	-	8,000
11-04-04	1	-	-		-	-	-
11-04-05	2	-	-		-	-	-
Total	46	-	19,000	19,700	28,000	21,000	87,700
Priority B							
11-01-06	2	-	-		-	-	-
Total	2	-	-	-	-	-	-

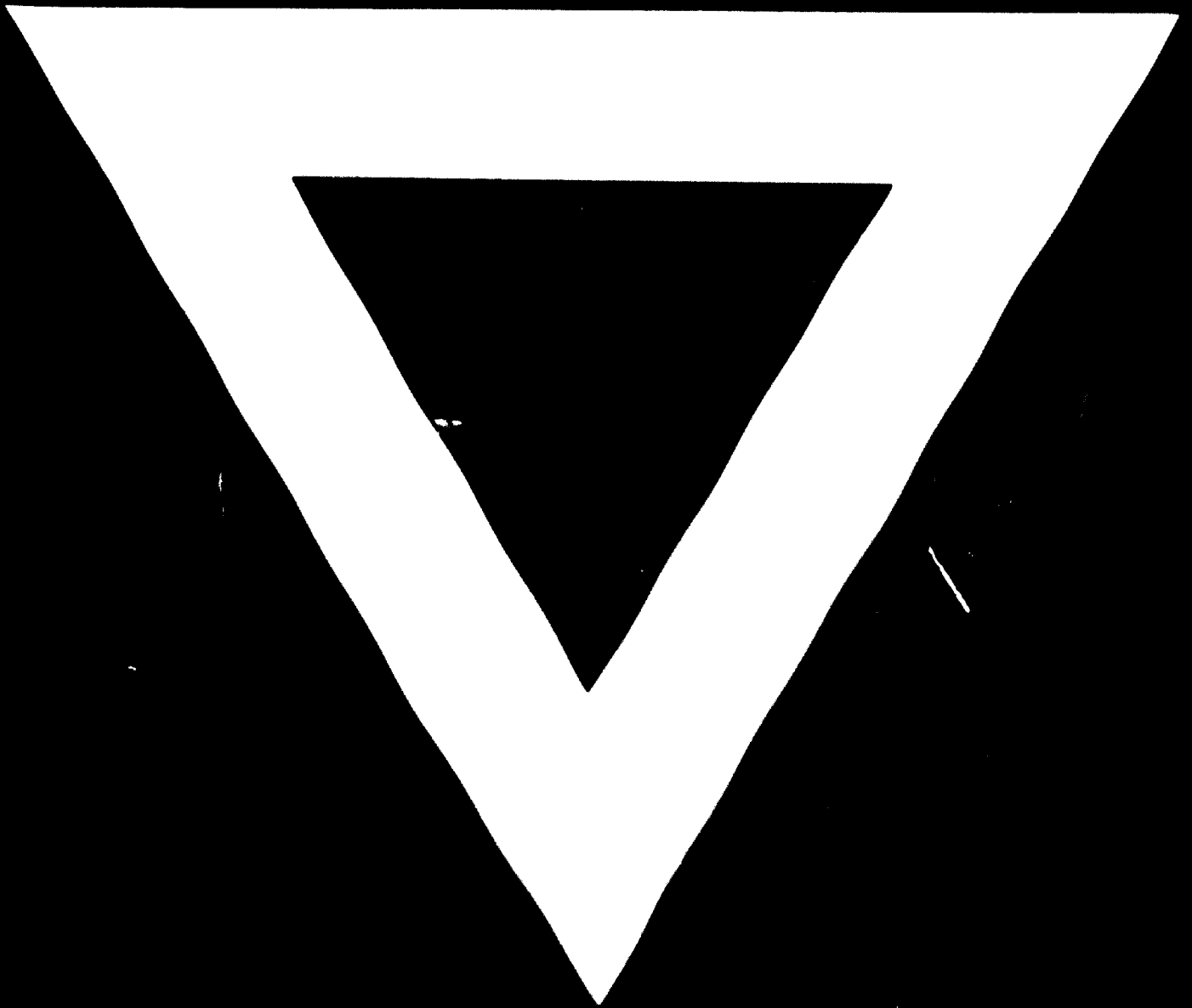
^{a/} The totals in column 7 do not include the cost of publications. Thus the total of the items in this column does not correspond to the last line of the column.

Table 7

Estimated expenditures for supporting activities in 1971

Project components	UNIDO Regular Budget				UNDP/TA	UNIDO General Trust Fund	Total ^{a/}
	(1) Staff m/m	(2) Meetings US\$	(3) Consultants US\$	(4) Publications US\$	(5) US\$	(6) US\$	(7) US\$
Priority A							
11-01-01	3	-	-		-	20,000	20,000
11-01-02	4	-	3,000		25,000	-	28,000
11-01-03	8	-	-		-	-	-
11-01-04	2	-	-		-	-	-
11-01-05	8	-	-		-	-	-
11-01-08	3	-	3,000		12,000	-	15,000
11-01-09	4	-	2,000		-	-	2,000
11-03-01	1	-	-		-	-	-
11-03-03	2	-	-		-	-	-
11-03-04	3	-	-		-	-	-
11-04-03	3	10,000	2,000		-	-	12,000
Total	41	10,000	10,000	18,500	37,000	20,000	95,500
Priority B							
11-01-06	4	-	-		-	-	-
Total	4	-	-	-	-	-	-

^{a/} The totals in column 7 do not include the cost of publications. Thus the total of the items in this column does not correspond to the last line of the column.



1. 4. 74