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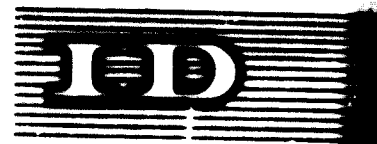
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Third Regional Seminar on UNIDO Operations
for the Least Developed Countries in Africa
in cooperation with ECA

Addis Ababa, Ethiopia
29 January - 9 February 1973

TECHNICAL ASSISTANCE PROVIDED

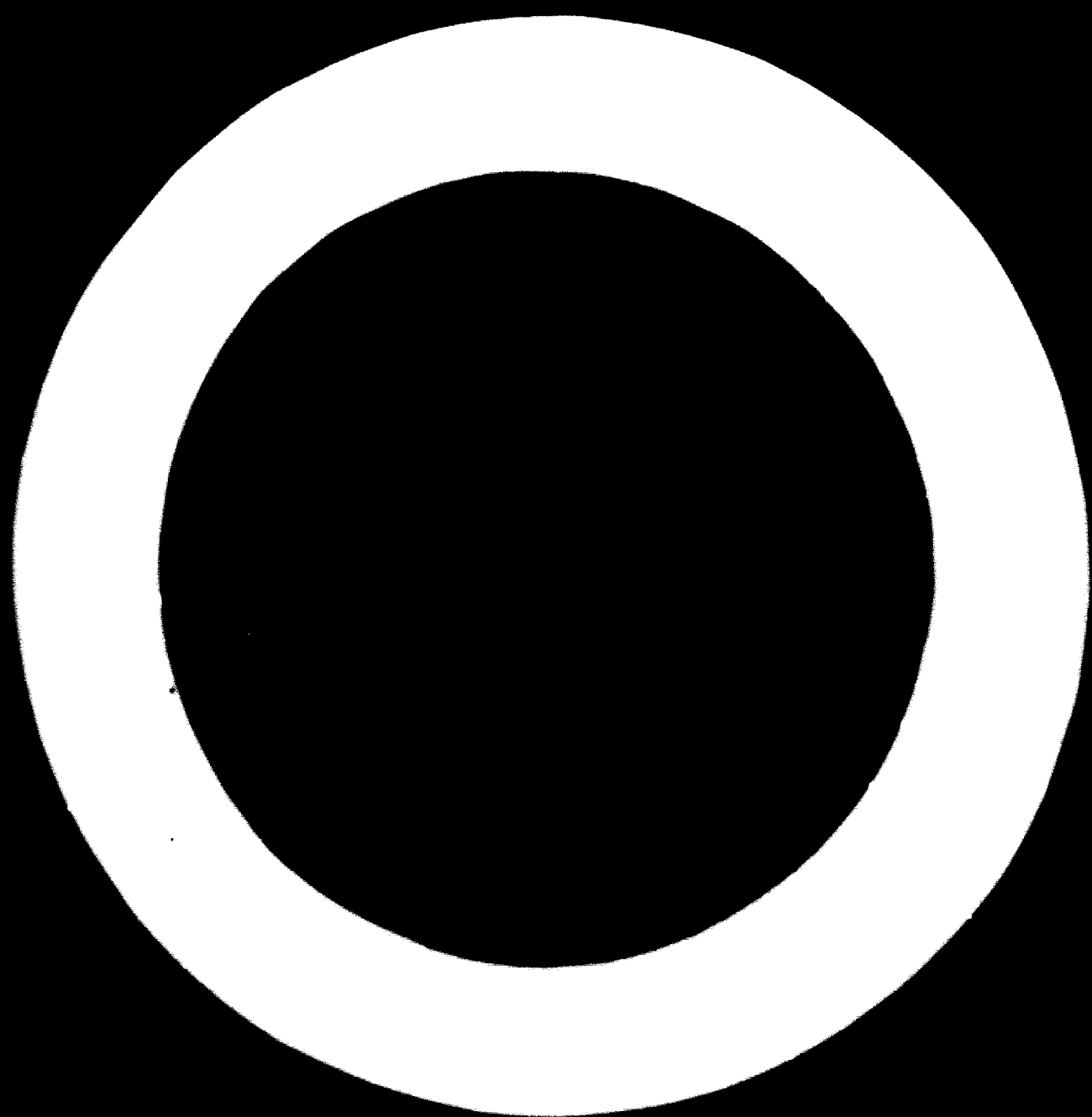
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BOTSWANA

Technical Assistance provided by UNIDO

	<u>PROJECT</u>	<u>STATUS</u>
1967-1969	No UNIDO activities	
1970	RP Industrial Estates Expert 1/3 m/m	no follow-up
1971	SIS Industrial Survey 1/2 m/m Industrial Economist	led to Small-scale Industries project
1972	DP Assistance in Small Enterprises Development, 1/24 m/m Expert	operational

Technical Assistance provided by UNILO

	<u>PROJECT</u>	<u>STATUS</u>
1969:		
SIS	Production of compost from town garbage 1/1 m/m expert	no follow-up
	Feasibility study for a particle board plant 1/2 m/m - Contractors	no follow up
1970:		
SIS	Tobacco Manufacture 1/2 m/m expert	no follow-up
	Study with a view to the manufacture of bags (sacks) from local fibres 1/2 m/m expert	no follow-up
1971:		
SIS	Establishment of the Milling Industry 1/2 m/m - Contractors	no follow-up
SIS	Agricultural Machinery Feasibility Study 1/3 m/m expert	no follow-up
TA	Development of small-scale industries 1/36 m/m expert; equipment	Still operational

Technical Assistance provided by UNIDO

1968

PROJECT

STATUS

SIS

Assistance to meat industry in Chad
1/3 m/m expert

No follow-up

1970

SIS

Vegetable oils
1/2 m/m expert

1971

Biscuit and bread production
1/2 m/m expert

No follow-up

Production and maintenance of agricultural
machinery
1/ 3/4 m/m expert

Follow up in long term programme

1972

TA/UNDP

Production of papyrus boards
1/1 m/m expert

No follow-up

1972-1973

SIS

Vegetable oil
2/14 m/m expert

First expert terminated his mission in november 1972.
Second expert will start his mission in 1973.

TA/UNDP

Small-scale industries
1/23 m/m expert

Project continues •

RP

Development of pilot industries
1/12 m/m expert

Technical Assistance provided by UNIDO

1967

PROJECT

STATUS

TA/UNDP

Preparation and evaluation of industrial projects
1 industrial economist
1 industrial engineer

This project lasted until June 1972.

1970

SIS

Technology and commercialisation of marble
1/3 m/m expert

No follow-up

Assistance in the field of vegetable oils
1/3 m/m expert

On the basis of expert's report UNIDO plans polyvalent oil production.

Factory for ground-nut processing
1 1/4 m/m expert

Government has asked for FED assistance.

1971

SIS

Production of salt through evaporation
1/1/m/m expert

No follow-up

SF/UNDP

Establishment for maintenance and repair of boats

Feasibility study of consultant proved positive. No follow-up

Length: 3 years

Contribution of UNDP: \$310,000

Contribution of Government: \$ 267,850

Aim: Set up in the port of Cotonou a shop to repair and build small shipping units.

1972/1973

TA/UNDP

Industrial planning
1/5 m/m expert

Project continues

SIS

Treatment of citrus
3/2 m/m consultants

First stage by FAO, second by UNIDO, not yet approved by UN

Ceramics industry
1/4 m/m expert

Not yet approved by UNDP

Cement industry
3/6 m/m consultants

Being studied by UNDP

SF/UNDP

Centre for study and promotion of Industry in Dahomey (CEPED)

Length : 3 Years

Contribution by UNDP: 3455,000

Contribution by Government : Not specified

Aim: Study new industrial possibilities and facilitate their establishment; improve training of entrepreneurs and assist their enterprises; advise Government in its industrial strategies.

Technical Assistance provided by UNIDO

	<u>PROJECT</u>	<u>STATUS</u>
1967		
SIS	National Meat Corporation Meat processing expert 1/1 week	no follow-up
1968		
SIS	Consultant to Ethiopian Ministry of Commerce and Industry Ind. Project Evaluator	3rd Five Year Plan
1969		
SIS	Investment Corporation Management accounting expert	no follow-up
SIS	Hides and Skins 1/6 m/m Marketing expert	no follow-up
1970-72		
TA	Industrial Standardization 1/30 m/m Adviser on industrial standardization	operational
TA	Small Industries Adviser 1/26 m/m	operational
1971-72		
SIS	Senior Industrial Adviser 1/24 m/m	operational
IPF		
1972		
SIS	Techn. evaluation of proposals for a freeze-dry coffee plant 1/3 m/m Soluble coffee expert	no follow-up
SIS	Pre-Feasibility Study for establishment of fertilizer and pesticides plant FAO/UNIDO 3/16 m/m	no follow-up

Technical Assistance Projects

PROJECT

- 1971: SF Pilot Centre for Research and Development of Industrial Equipment. Project duration: four years. GDP contribution: 1% of export services and total GDP contribution 1.2 M. duration, 1 year for equipment.
- 1972: Preparatory work completed; request for Project Data Sheet submitted to Government for approval.
- 1971: SIS Establishment of a Central Quality Control Laboratory for Vegetable and Essential Oils. Objectives to raise quality of oil production to international average. Expert 1/12 m/m. Laborator. equipment 150,000 provided by the Voluntary Contributions.
- 1972: Difficulties encountered in obtaining equipment from countries with non-convertible currencies. Government accepted expert from UNIDO. Laboratory building ready; project implementation.
- 1973: Laboratory building ready; project implementation.
- 1970: SIS Industrial project evaluation. Evaluation of industrial development projects and feasibility studies and preparation of new feasibility studies.
- 1971: Government request received. Project Data Sheet approved by UNDP. Difficulties to find a suitable expert, who was, however, accepted by Government in November 1971.
- 1972: He arrived at Conakry in 1972.

Technical Assistance provided by UNIDO

	<u>PROJECT</u>	<u>STATUS</u>
1967-68	No UNIDO activities	
1969		
	SIS Exploratory Mission for a first-stage Industrial Survey Mission 1/2 m/m	no follow-up
1970	No UNIDO activities	
1971-72		
	TA Director, Small-scale Industries and Tourism Promotion Unit 1/24 m/m	operational
1972		
	TA Brickmaking and Building Materials Adviser 1/12 m/m	operational

Technical Assistance provided by UNIDO

	<u>PROJECT</u>	<u>STATUS</u>
1967-1971	No UNIDO activities	
1972	Agricultural Machinery Feasibility Study Agr. machinery expert 1/4 m/m	operational

Technical Assistance Provided by UNIDO

		<u>PROJECT</u>	<u>STATUS</u>
1967	SIS	Tannery Project	Cancelled
1968	TA	Organization and Administration of Industrial Services	no follow-up
1968	SIS	Industrial Accounting	implemented ILO
1970	SIS	Feasibility Study Asbestos Cement Factory	not feasible
1970	SIS	Development of Meat Processing Industry 1/3mm	no follow-up
1970	SIS	Industrial Information Centre 10 days	no follow-up
1970	SIS	Meat Processing	funds allocated elsewhere due to time lapse
1970	SIS	Investment Promotion 2-week mission staff member	no follow-up
1970	SIS	Expert in Quality Control	no follow-up
1970	SIS	Repair and Maintenance	no follow-up
1970	SIS	Foundry Expert for small-scale aluminum foundry	no follow-up
1971	SIS	Leather Industry	within FAO's area of responsibility
1971	SIS	State-Owned Enterprises 2/3mm	postponed
1972	SIS	Sugar Industry	indefinitely postponed, then cancelled.
1972	SIS	Baguineda Tomato and Fruit Canning Factory 1/3mm	mission completed no follow-up
1972	SIS	Aluminium Industry 1/4	mission completed
1972	SIS	Industrial Economist 1/12	
1972	SIS	Production of Quicklime 1/1	
1972	SF	Centre for Industrial Development	under recruitment
1972	SIS	Record Industry 1/2	request received
1972	SIS	Industrial Engineer	expert in field in field

NIGER

Technical Assistance provided by UNIDO

<u>PROJECT</u>	<u>1970</u>	<u>STATUS</u>
<u>OPEX</u> Adviser to the President of the Republic 1/35 m/m expert		Project continues
	<u>1971</u>	
<u>SIS</u> Cement production 1/6/m/m expert		Programme enlarged to include 4 experts.
Metal industries (1971/1972) 1/12/m/m expert		No follow-up
	<u>1972</u>	
<u>SIS</u> Building materials 1/2 m/m expert		Government envisages bilateral aid following UNIDO's mission
Industrial estate 2/24 m/m consultants		Project continues
	<u>1972/1973</u>	
<u>SIS</u> Treatment of tobacco 2/4 m/m experts		Government awaits results of bilateral mission before engaging UNIDO experts.
Sugar production 1/3 m/m expert		Same as for tobacco
Malbaza cement 4/120 m/m experts		Not yet approved by UNDP

Technical Assistance provided by UNIDO

<u>PROJECT</u>		<u>STATUS</u>
1968:		
TA	Expert in Small-scale Industries	Still operational
1969:		
SIS	Industrial Investment Promotion 1/1 m/m expert	no follow-up
1970:		
SIS	Fruit and vegetable processing 1/6 m/m expert	no follow-up
	Textile Piece Goods Manufacture 2/2 m/m experts	no follow-up
	Expert for production of matches 1/2 m/m expert	no follow up
	Tobacco Products manufacturing and marketing 1/2 m/m expert	no follow-up
1971:		
SIS	Rubber and Plastic Products 1/3 m/m expert	no follow-up
	Manufacturing and Marketing of Alcohol 1/3 m/m expert	no follow-up
	Vegetable Oil Production and marketing 1/5 m/m expert	no follow-up
	Cattle Fodder Production and Marketing 1/4 m/m expert	no follow-up
	Utilisation of Lake Kivu Gas	Phase I completed Phase II under implementation
1972:		
SF	Pilot Plant for the Production of Pyrethrum Objective of project: The Pilot Plant is for the processing of pyrethrum and stimulation of industrialisation	Phase II under implementation - difficulties with appointment of counterpart staff.

Technical Assistance provided by IPPF

	<u>PROJECT</u>	<u>STATUS</u>
1968/1973 TA	<u>Industrial Development</u> Economist, Cost Analyst: Experts 26 m/m	The experts are assisting in management and supervision of existing industrial enterprises as well as the new ones to be set up.
SIS	<u>Reorganisation of the Development Bank</u> Experts: 2/18 m/m	The second expert has recently arrived in the field.
	<u>Building Materials</u>	
SIS	(a) Building Materials Research, Testing and Development: Expert: 1/12 m/m.	Expert arrived in the field September 1972.
RP	(b) Production of Building Materials and Components: Expert: 1/6 m/m	
SIS	<u>Small-scale Industrial Adviser</u> One expert 12 m/m	The expert is under recruitment.
IPF	<u>Establishment of a Mechanical Workshop and Foundry</u> <u>Objectives of the project:</u> to provide the country with (a) foundry with a capacity of approximately 1,500 tons of grey iron castings per year, with facilities for production of small quantities of some non ferrous metals castings; (b) a mechanical workshop. 1. Experts: 14/154 m/m 2. Fellowships: 9/54 m/m	The expert and training components of this large scale project are expected to commence soon. The draft final technical project report already has been prepared by a Yugoslav firm. The project is partly financed from Yugoslav voluntary contribution. The Somali Government has committed \$250,000 from its \$ 5 million IPPF for this project.

Sectoral Survey of Industrial
Development

113

Experts: 4/16 m/m

This project has been preceded by one staff member exploratory mission in Somalia for 8 days.

Country Programming

Due for 1974. No information is as yet available.

Technical Assistance provided by UNIDO

PROJECT

STATUS

1970/1973
SF

Industrial Research Institute - Phase II

(a) Objectives of the project:

The Phase I of the project is to assist the Government in strengthening the facilities at the Centre in Khartoum for assistance in industry with a view to promoting and assisting the Industrial Development of the country through the provision of standards and testing services, industrial feasibility studies, industrial information and extension services and material in process, and research services. Phase II of the project is to enable the institute to consolidate its services and improve its facilities so as to provide more effective services to the country's industrial enterprises both public and private.

This project faces certain difficulties arising from the lack of counterparts to work side-by-side with the experts.

(b) Components:

- 1. Experts 7/240 m/m
- 2. Fellowships 6/72 m/m

1970/1972
TA

Implementation of Industrial Projects

Expert: 1/12 m/m

Under recruitment

SIS

Textile Industry - Technocrat

Expert: 1/6 m/m

After completion of his mission the expert became a member of the team assigned to the Industrial Research Institute.

SIS

Leather Industry: Reptile Leather Technician; Footwear manufacturing; and marketing and export promotion of leather: 3/13 m/m

Two experts recently arrived in duty station, one still under recruitment.

SIS

Furniture Industry

Expert: 1/6 m/m

Under recruitment

	<u>Food Industry</u>	
EP	(a) Food Chemist-Expert: 1/12 m/m	No follow-up
SIS	(b) Castor Bean Processing: Expert: 1/4 m/m	Under recruitment
SIS	(c) Sorghum Starch and Glucose Expert: 1/3 m/m	No follow-up
	<u>Industrial Project Implementation</u>	Mission was scheduled to arrive at duty station in October 1972
SIS	A mission of three experts: 3 weeks each	
	<u>Industrial Engineers</u>	One expert is due to arrive in duty station shortly and the other is under recruitment.
SIS	Feasibility Study and Project Evaluation: Experts: 2/12 m/m	
	<u>Establishment of Foundry and Mechanical Workshop</u>	The equipment component of this project is financed from the Yugoslav voluntary contribution. The training aspect is covered bilaterally.
SIS	Experts: 4/15	
	<u>Cement Industry - Cement factory Supervisor</u>	
SIS	Expert: 1/3 m/m	Under recruitment

TECHNICAL ASSISTANCE PROVIDED BY UNIDO

<u>1965</u>	<u>PROJECT</u>	<u>STATUS</u>
SF	<p>Industrial Studies and Development Centre</p> <p><u>Phase I:</u> To strengthen and complete establishment of I.S.D.C. 8/368 man months</p> <p><u>Phase II:</u> 8/192 man months Fellowships 5/30 man months To continue assistance to I.S.D.C through 1973</p>	<p>Met objectives of Phase I i.e. advise Ministries and parastatal organizations Contributed to preparation of second Five Year plan. The Centre serviced industries. Now in Phase II.</p>
<u>1970</u>		
TA	<p>Director of Operations, National Development Corporation 1/27 man months</p>	<p>Very successful: counterparts trained.</p>
SIS	<p>Assistance to Breweries in Malt Production: 1/3 man months</p>	<p>No follow-up</p>
SIS	<p>Export Product Development 1/1 man month</p>	<p>Followed by OA 220 URT 14.</p>
SIS	<p>Industrial Project Planning and Marketing: 3/36 man months Assistance to NDC</p>	<p>Project was transferred to UNDP funding.</p>
SIS	<p>Pre-investment Study and Technical and Economic Analysis of the Poultry Feed and Vegetable Oil Industry 1/1 man month</p>	<p>No follow-up.</p>
<u>1971</u>		
SIS	<p>Mobile Workshop for Agricultural Machinery: 2/12 man months Organisation and operation of repair and maintenance facilities for agricultural machinery and operation of mobile units.</p>	<p>Pending arrival of experts.</p>
SIS	<p>Market Survey of Agricultural Implements: 1/10 man month</p>	<p>No follow-up to date.</p>

1971

	<u>1971</u>	<u>1972</u>
SIC	Export Product Programme (Second Stage) To upgrade production standards for export-oriented industries - 3-4 producers from Tanzania participated in consultations in Sweden	Final Report in draft. Recommendations to include further Technical Assistance in rice and textile industries.
SIC	Small Industries Development (Exploratory Mission): 1/1 man month	Lead request by Government for UNDP/SF.
SIC	Assistance to Tanzanian Investment Bank in Technical appraisal work 1/12 man month	Expert to arrive November 1972.
TA	Industrial Strategy Project: To assist in formulating a long-term industrial strategy to be included in the Second Five Year Plan - Project implemented through contract with Harvard University: 3/48 man months.	In implementation stage.

1972

SIC	Industrial Management Services Project Planning and Marketing: 2/12 man months	One expert arrived September 1972. Awaiting Government approval for second.
SIC	Training workshop of Project Evaluation and Financing: 4/4 man months	Preparatory discussions with Government still being held.
DP	Assistance to the National Development Corporation: 1/12 man month - OPAS Cost to continue to 1974.	Expert engaged in small- scale industries development

1973

DP	Assistance to the State Mining Corporation (SMC): To assist in establishing and organizing the development Division of SMC.	Expert nominated. Awaiting project Document from Resident Representative.
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TECHNICAL ASSISTANCE PROVIDED BY UNIDO

1967

PROJECT

SIS Assistance to Pulp and Paper Industry
1/2 man months No follow-up.

1968

SIS Exploratory Mission- Fish Canning and
Vegetable Dehydration: 1/4 man months S/M Report prepared 9 SIS
T.A. project proposals.
Some were implemented
separately and
others were aggregated.

SIS Exploratory Visit - Fertilizer Industry
1/4 man month Recommended full scale survey
of fertilizer industry.
No follow-up.

SIS Assistance to Enamelled Appliances
Production Co. 1/6 man months Survey led to Gov't Request
for project.

DP

Industrial Adviser for Industrial
Development and Productivity
1/36 man months (OPAS)

1969

SIS Feasibility Study for paper manufacturing
from Papyrus: 2/4 man months Project cancelled.

SIS Feasibility Study for Tannery Project:
1/3 man months Study was positive and led
to Project.

1970PROJECTSTATUS

SIS	Assistance by Staff Member to UDC in reviewing industrial projects for Investment Promotion: 1/2 weeks	Gov't of Uganda had not decided to participate in Investment Promotion Meeting.
SIS	Industrial Management Consultance team for Parastatal Manufacturing Industries (UDC) 4/ 37 man months	Active
SIS	Assistance in Manufacture of DinnerWare and Sanitary ware - Feasibility Study of Non-Metallic Products: 3/36 man months Originally approved for SIS Financing Project transferred to DP/uga/72/009 in August 1972	Active

1971

SIS	Assistance in the Establishment of an industrial tannery: 1/12 man months	Project implementation held in abeyance until physical plant available.
SF	Small Industrial Development Programme and Establishment of Industrial Estate - 7/2.70 man months approved Reformulation of project is under consideration under IPF and will entail 1/36 man months for Director of Estate and 36 man months Fellowships	Project began in 1969 and was active until September 1971.

1973

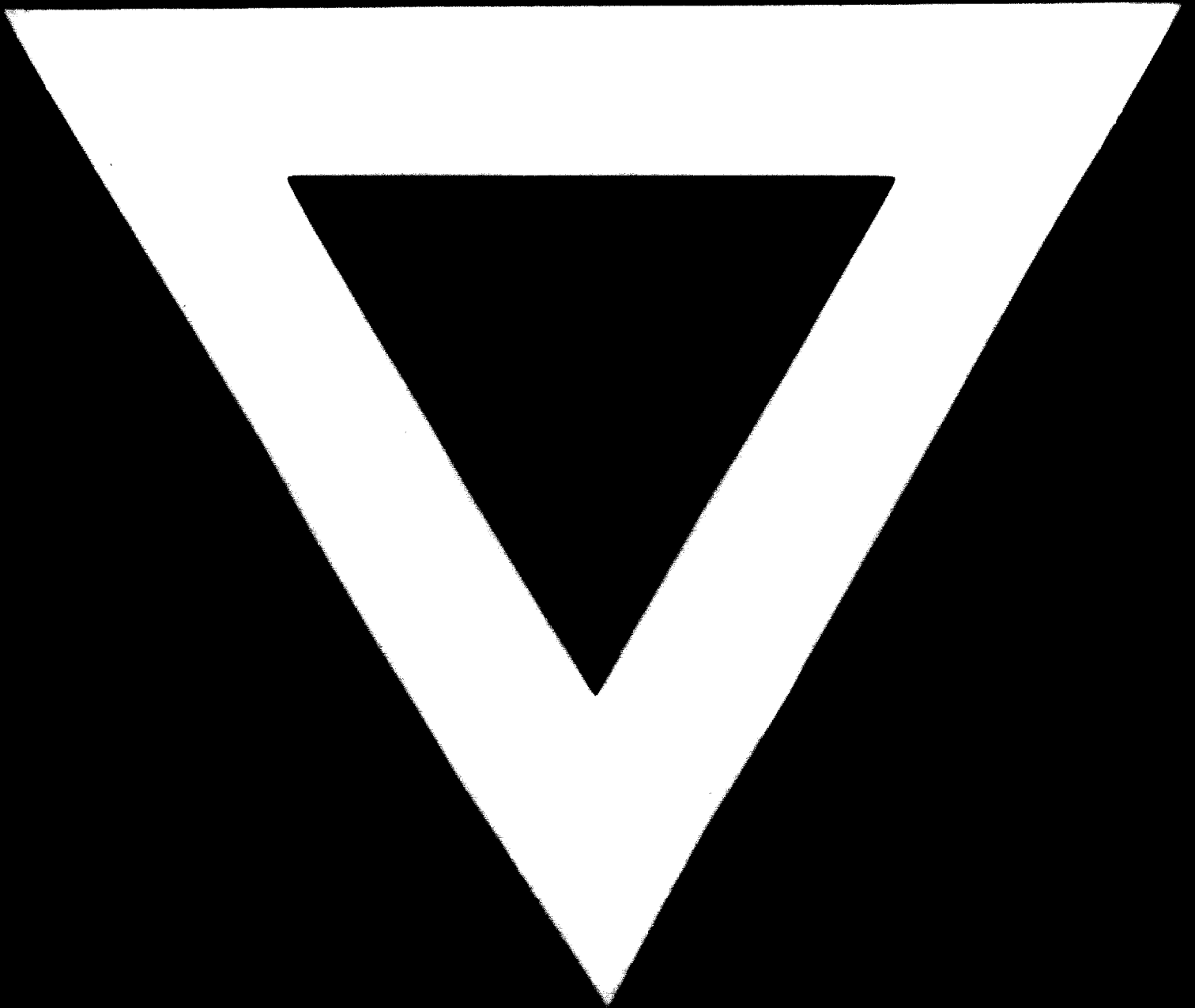
IPF	Strengthening the Ministry of Commerce, Industry and Tourism by staffing the Division for Industrial Programming and Establishing an industrial extension advisory service: 16 man years of experts 1 man year of consultant services 5 man years of fellowships - equipment	Implementation to begin in 1973.
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Technical Assistance provided by UNIDO

PROJECT

STATUS

- 1970-73: SF Small and Medium Scale Industries Development
Expert 1/36 m/m to prepare an inventory of the natural resources and the needs for manufactured products.
- 1971-72: SF Assistance to OPEV and establishment of an industrial estate. Duration 4 years
To strengthen the "Office de Promotion de l'Entreprise Voltaïque". 174m/m experts
33m/m (fellowships)
5 experts: Chief of project: Engineer or Industrial Economist
Expert in management and accountancy
Expert in marketing
Mechanical Engineer
Short-term expert
- 1971: SIS Manufacture of Implements and Tools
Expert 1/6 m/m. To make feasibility study of plant for agricultural implements and tools
To assist SOVICA to upgrade quality of production and select additional equipment
- 1972
- 1971: SIS Assistance in Pesticide Formulation and Marketing
To establish demand for agricultural pesticide and to undertake technical and economic feasibility of an insecticide and formulation unit.
- 1972:
- 1972: SIS Assistance to the Woodworking Industry
Expert 1/3 m/m
To advise on measures to be taken to develop a viable woodworking industry based on furniture manufacture and secondary wood processing
- Followed up by SF project. Assistance to OPEV and establishment of Industrial Estate
- Project document submitted to the UPV Government on 15 June 1972.
UNDP contribution: \$518,350
- Government request received on 1 December 1971
- UNDP approval delayed because some disagreement between Ministries of Planning and Labour
- Government request was received in June 1971.
- Expert began mission on 5 August 1972, report sent to Government in October.
It is hoped to establish a centre for pesticides, and thus develop further the country's agriculture.
- Approval by UNDP delayed as UNDP feels the market survey should be financed from IPF and not by SIS.



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