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United Nations
Industrial Development Organization

**PROGRAMME OF CO-OPERATION
AMONG
DEVELOPING COUNTRIES :**

**Opportunities for Co-operation
in Industrial Development**

PROGRAMME OF CO-OPERATION AMONG DEVELOPING COUNTRIES

The Industrial Development Board in its resolution 36(VII) of 14 May 1973 invited the Executive Director of UNIDO to establish a "concrete programme of operational activities for the purpose of promoting technical co-operation among developing countries, by the exchange of duly adapted technology, information and development assistance formulae in the field of industry..."

At its eighth session in 1974 the Industrial Development Board approved proposals for a programme of action contained in a report of the Executive Director^{1/} and urged that a high priority should continue to be given to the implementation of its resolution 36(VII).

In pursuance of the above objectives and as a first step, the Secretariat of UNIDO undertook a survey to define specific areas in which developing countries could offer technical co-operation or would welcome such co-operation from other developing countries within the framework of the programme. Attached is a preliminary list of opportunities for co-operation as formulated by 40 countries. The Secretariat will further consult with developing countries, on a continuing basis, regularly update the information and seek ways and means to ensure the forward momentum of the Programme of Co-operation among Developing Countries.

* * *

The information contained in this document does not entail any definite commitments. Proposals for specific co-operative projects will be formulated and submitted to Governments on a case-by-case basis.

Further information can be obtained from:

United Nations Industrial Development Organization
Technical Co-operation Division
P.O. Box 707
A-1011 Vienna

^{1/} ID/B/C.3/18

The following countries have so far provided information:

AFGHANISTAN	MALAYSIA
ALGERIA	NICARAGUA
ARGENTINA*	PAKISTAN
BANGLADESH	PANAMA
BOLIVIA	PERU
BURUNDI	PHILIPPINES
CHAD	REP. OF KOREA
CHILE	RWANDA
DAHOMEY	SENEGAL
EQUADOR	SINGAPORE*
EL SALVADOR	SRI LANKA
GUATEMALA	SYRIAN ARAB REP.
GUYANA	THAILAND
HONDURAS	TOGO
IRAQ	TURKEY
KHMER REPUBLIC	UNITED ARAB EMIRATES
KUWAIT	UNITED REP. OF TANZANIA
LESOTHO	UPPER VOLTA
LIBYA	YUGOSLAVIA
MADAGASCAR	ZAMBIA

* Although no specific proposals have been made, the Government would be ready to co-operate with other developing countries; proposals will be considered on a case-by-case basis.

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INDUSTRIAL SECTOR:

ENGINEERING INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	SCOPE
			TYPE	
CHILE	<ul style="list-style-type: none"> - Desarrollo de productos - Proyectos de inversión 	<p>Instituto Chileno del Acero ICHA</p>	<p>Estudios de mercado Envío de expertos</p>	<p>6 - 12 meses</p>
GUATEMALA		<p>INTECAP (Instituto Técnico de Capacitación y Productividad)</p>	<ul style="list-style-type: none"> a) Capacitación - cursos de mecánica, mantenimiento, etc. b) Asesoría en mantenimiento 	<p>Cursos de 3 - 4 meses</p> <p>Expertos por 2 - 3 meses dentro de empresas</p>
IRAQ	<p>Machinery Industries:</p> <ul style="list-style-type: none"> 1. Agricultural machinery and implements 2. Electrotechnical industries 3. Automotive Industry (trucks, buses and possible cross country) 4. Spiral Welded Pipes manufacture (steel pipes according to API or equivalent) 5. Semi-integrated Steel Plant and Spong Iron Plant 6. Semis Aluminium Plant (Transformation) 7. Batteries Manufacture <ul style="list-style-type: none"> a) Dry cell b) Lead-Acid Liquid Batteries 	<p>State Co. for Mechanical Industries in Iskandariah</p> <p>State Co. for Electrical Industries in Waziriah</p> <p>Assembly Plant for Trucks in Iskandariah and local manufacture of some items</p> <p>State Co. for Spiral Pipes in Basrah - U.M. Kasser</p> <p>A project in Basrah is started under construction</p> <p>A project under studies</p> <p>2 plants in Baghdad</p>	<p>Training of personnel and provision of expertise for all plants and projects enlisted in this page</p>	<p>1. Training:</p> <ul style="list-style-type: none"> a) Periods ranging from 3-6 months in plants of same nature and also on design and technology of such products. b) Short training visits dealing with specific items. <p>2. Expertise:</p> <ul style="list-style-type: none"> a) Experts with very sound and long experience to study the existing plants and give advice to improvements. b) Experts with long experience in products improvements.

INDUSTRIAL SECTOR: ENGINEERING INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
LESOTHO		Craft Centers (Sub-Section: Metal Workshop) and LTI and Self-Reliance Scheme (after 1975)	Expertise and training at Craftsmen level	Expert services for up to a week and short courses (up to 2 weeks)
MADAGASCAR	<ol style="list-style-type: none"> 1. Constructions et réparations navales 2. Entretien et réparation de matériel ferroviaire 3. Production de matériel et outillage agricoles 4. Etudes et recherches en matière de machinisme agricole 	Par l'intermédiaire du Bureau de Développement et de Promotion Industriels (B.D.P.I.)	<ul style="list-style-type: none"> - Visite d'usine - Services d'experts - Formation de personnel <p>idem</p> <p>idem</p> <p>idem</p>	
MALAYSIA	Aluminium Sheet Rolling and Extrusion	Federation of Malaysia Manufacturers (Alcan Malaysia Berhad)	<p>We can offer one to three months training for up to six participants in:</p> <ol style="list-style-type: none"> a) Sheet of Extrusion production; b) Breakdown and maintenance engineering; c) Material purchase; d) Production planning. <p>We could not offer the foregoing assistance all at one time and therefore we would emphasize that we could only organize a training course on one subject at a time.</p>	

INDUSTRIAL SECTOR: ENGINEERING INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
PAKISTAN	Machinery Industries	State Heavy Engineering and Machine Tool Corporation Heavy Mechanical Complex	On job training in the field of fabrication including heat treatment, etc. On job training in the field of fabrication including heat treatment, etc	Training facilities for 2 persons in each factory per year.
	1. <u>Heavy</u> a) Road roller b) Tanks c) Vessel fabrication			
	2. <u>Light</u> Machine tools	Pakistan Machine Tool Factory		
	3. Engineering Design) Heavy Mechanical Complex and)) Pakistan Machine Tool Factory)))))	Training design Engineers. Exchange of experience	- 6 months training for 4 persons per year in plant equipment design. - 2 months observation of factory maintenance programme.
4. Plant Maintenance				
PERU	Siderurgia	SIDERPERU ACEROS AREQUIPA S.A. ACEROS PERUANOS S.A.	Suministro de expertos Capacitación de personal	-Trimestral - 6 meses. 20 expertos/año -Semestral - 100 personas. Semestral - 3 meses 6 expertos/año
	Fundición	HIDROSTAL FUNDICION CALLAO MEPSA	Suministro de expertos	
	Industria naval	SIMA PERU Astilleros Bajo Bordo	Suministro de expertos Capacitación de personal	-Semestral - 3 meses. 10 expertos/año -Semestral - 100 personas.
	Industria de autopartes	Empresas privadas	Suministro de expertos	Trimestral - 3 meses. 20 expertos/año.
	Transformadores eléctricos	Brown Boveri	Suministro de expertos Capacitación de personal	-Semestral - 2 expertos/año. -Semestral - 10 personas.
	Motores eléctricos	DELGROSA S.A.	Capacitación de personal	Semestral - 10 personas.
	(continues)			

INDUSTRIAL SECTOR: ENGINEERING INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
PERU (continued)	Conductores eléctricos	PIRELLI PERUANA S.A. INDECO PERUANA S.A.	Suministro de expertos Capacitación de personal	-Trimestral - 4 expertos/año -Semestral - 20 personas.
	Winches para uso minero y pesquero	DEREMA S.A. TRADECO S.A.	Suministro de expertos	-Trimestral - 4 expertos/año
	Maquinaria minera	FIDMA MACENSA	Suministro de expertos	Semestral 4 expertos/año
	Industria eléctrica	Empresas privadas	Suministro de expertos	Semestral 10 expertos/año
	Industria electrónica	Empresas privadas	Suministro de expertos	Semestral - 10 expertos/año
	Calderería y estructuras metálicas	SIMA PERU NORMETAL E.P.S. Empresas privadas	Suministro de expertos Capacitación personal	-Trimestral - 6 meses 20 expertos/año -Semestral - 50 personas
PHILIPPINES	- Metal products and machinery industries	Metals Industry Research and Development Centre	Personnel training	In-plant training courses
	- Transport equipment industries, particularly manufacture of auto-mobile components			
REPUBLIC OF KOREA	Fine Instruments and Electronics	Fine Instrument Center	Technical training 1) Regular course - Precision manu- facturing - Precision measuring - Electronics course - Industrial instruments	2 year training course for 10 participants
(continues)				

INDUSTRIAL SECTOR: ENGINEERING INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
REPUBLIC OF KOREA (continued)			2) Short course - Training for electronic technicians - Training for senior engineers - Training for Q.C. Managers	4-9 weeks training course for 10 participants
SENEGAL	-Industrie mécanique : création et organisation d'une petite entreprise de mécanique de précision -Menuiserie métallique: création et organisation d'une petite entreprise de mécanique de précision -Carbonisation de bois sous fours métalliques: organisation de la production d'un nouveau modèle de four métallique pour la fabrication d'un charbon de bois.	S.O.N.E.P.I. et D.I.T.H. S.O.N.E.P.I. et D.I.T.H. S O N E P I et la Société industrielle de carbonisation	formation formation formation	stagiaire stagiaire stagiaire
TURKEY	Automotive Industry Agricultural Machinery and Implements	Ministry of Industry and Technology	Consultancy services on formulation government policies	Expert services up to 2 months per year.

INDUSTRIAL SECTOR: ENGINEERING INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
UNITED REPUBLIC OF TANZANIA	Metal Products, e.g.: UFI, Metal Box, National Engineering (see related offer in Metallurgical Industries)	N.D.C.	Establishment of engineering workshop, Provision of fabricating machines - General Engineering and Spares Establishment of electrical equipment Exports for the above establishments Industrial Training Institutes	2 - 3 months 20 people can be accommodated.
UPPER VOLTA	- Construction de charrettes à traction asine. - Profilés Charpentes métalliques Plate-formes	Société Voltaïque d'Intérêt Collectif Agricole Société Africaine de Fabrication Industrielle	Exchange d'information et d'expérience idem	A déterminer le cas échéant. idem

INDUSTRIAL SECTOR: ENGINEERING INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
YUGOSLAVIA	Processing Industries Energy Industry, Energy, Construction Electroenergy, Food Processing Industry Engines and Tractors Bridges and Constructions, Building Machinery, Processing Equipment Agricultural Machinery Metal Constructions, Railroad Coaches Machine Productions Electro-engine production Automation in industry	"Progres-invest", Beograd "Energoprojekt, Beograd "M I N E L", Beograd "Industrija motora", Rakovica "Mašinogradnja", Beograd "Zmaj", Zemun "Goša", S. Palanka "Ivo Lola Ribar", Železnik Electro engine factory Institut "Mihajlo Pupin", Beograd	Consulting, training	According to agreement
			Consulting, training	According to agreement
			Consulting	According to agreement
			Consulting	Up to one month per year
			Consulting, training	According to agreement
			Consulting	According to agreement
			Consulting	According to agreement
			Consulting, training	According to agreement
			Training	
			Consulting, training	According to agreement

INDUSTRIAL SECTOR: METALLURGICAL INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
CHILE	- Metalúrgica del cobre - Siderurgia	Instituto de Investigaciones Tecnológicas, INTEC Compañía de Acero del Pacífico, CAP	Experimentación de procesos Ervío de expertos	6 - 12 meses 6 meses
PAKISTAN	1) Steel and alloy foundries catering for cement industry 2) Integrated Steel Plant	State Cement Corporation of Pakistan Ltd., Bangalore Pakistan Steel Mills Corporation Limited, Karachi	Exchange of experience In-plant practical training of engineers, operatives and artisans	Observation of operating units and consultations of up to 4 weeks duration 1. Blast furnace 2. BOF convertor 3. Continuous casting 4. Hot strip mills 5. Billet mill 6. Utilities and ancillaries
PHILIPPINES	Foundries -grey iron and alloy steel	Metals Industry Research and Development Centre	Personnel training	
UNITED REPUBLIC OF TANZANIA	-Iron and steel foundries e.g. Iron rolling mills -Engineering (see related offer in Engineering Industries)	N.D.C.	Establishment of engine workshop, provision of fabricating machines - General engineering and spares. Establishment of electrical equipment. Exports for the above establishments. Industrial Training Institutes.	2 - 3 months 20 people can be accommodated.

INDUSTRIAL SECTOR: METALLURGICAL INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
UPPER VOLTA	Tôles ondulées - Claies, articles de ménage	Compagnie Voltaïque pour la Transformation des métaux	Exchange d'information et d'expérience	A déterminer le cas échéant
			Training, consulting	According to agreement
YUGOSLAVIA	Mining and industrial processing	"Jugometal", Beograd	Training	According to agreement
	Electroporcelan	Industrija elektroporcelana, Arandelovac	Training	1 - 2 months
ZAMBIA	Steel production	Željezara "Boris Kidric", Nikšić	Training of personnel	3 months training for 6 persons
	Copper production techniques	-		

INDUSTRIAL SECTOR: CONSTRUCTION AND BUILDING MATERIALS INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
CHILE	Cemento	INACESA	Capacitación en implementación de proyectos de plantas para fabricar cemento	6 meses
GUYANA	Logging and Saw-milling	Guyana Timbers Ltd. (Mills, Central and Hinterland Workshops)	Training and provision of expertise	Training of 2 persons for 2 months per year in Logging timber, Saw-milling and Saw-doctoring.
HONDURAS	General operation of the factory	Cementos de Honduras	Practical training of personnel	Stay up to two months
KUWAIT	- cement manufacturing - pre-cast concrete - sand-lime brick manufacturing - asbestos pipes	The National Industries Co. (S.A.K.)	Training facilities for a limited number of participants for reasonable periods which would not affect normal production programmes.	
LESOTHO		Soil and Clay Testing Laboratory and Clay products Development Center and private contractors.	Services, expertise and training in clay products and construction.	Services of any nature; expert services up to 2 weeks; training of Brickmakers up to one year.
MADAGASCAR	Etudes et constructions de logements économiques Production de ciment	idem par l'intermédiaire du Bureau de développement et de promotion industriels (B.D.P.I.)	- Service d'experts - Formation de personnel - Visite d'usines	idem

INDUSTRIAL SECTOR:

CONSTRUCTION AND BUILDING MATERIALS INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	SCOPE
NICARAGUA	Wood Industries: plywood	Plywood de Nicaragua	Expertos hasta 2 meses, cursos de capacitación 3 meses.	
PAKISTAN	A) <u>Cement manufacture</u> B) <u>Quarrying of limestone and aggregates</u> C) <u>Cement quality control and building research</u>	<p>1) State Cement Corp. of Pakistan Ltd., Lahore (Managing and Holding Agency)</p> <p>2) Associated Cement (2 factories at Wah and Robri - Operating Unit</p> <p>3) Zeal-Pak Cement) Operating Factory Ltd.,) Unit Hyderabad)</p> <p>4) Charibwal Cement) Operating Ltd., Charibwal) Unit</p> <p>5) Mustehkam Cement) Operating Ltd., Hattar) Unit</p> <p>6) Javedan Cement) Operating Ltd., Karachi) Unit</p> <p>7) White Cement) Operating Factory Ltd.,) Unit Iskanderabad</p> <p>State Cement Corporation of Pakistan Limited, Lahore</p> <p>State Cement Corporation of Pakistan Limited, Lahore</p>	<p>Provision of Advisory Services</p> <p>Exchange of experience</p> <p>Exchange of experience and research on problems relating to RCC construction</p>	<p>1) Two tours of expert services for up to 2 months per year.</p> <p>2) Consultation on any aspect of the industry without limit.</p> <p>3) Training of personnel in maintenance and production, chemical control fields.</p> <p>Two trainees per year for periods varying from 12 to 26 weeks.</p> <p>One tour for observation of quarrying set-ups and consultations of 4-8 weeks' duration.</p> <p>Observation of manufacturing plants for up to 8 weeks and attachment with building research stations for up to 26 weeks.</p>

(continues)

INDUSTRIAL SECTOR: CONSTRUCTION AND BUILDING MATERIALS INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
PAKISTAN (continued)	D) <u>Cement (associated cement)</u> Manufacture of the following cement: i) Portland cement ii) Sulphate resisting cement iii) Rapid hardening cement iv) Oilwell cement v) High alumina cement	Two Factories of Associated Cement are located at Wah (Punjab) and Rohri (Sind).	1) Training in quality control and laboratory work for chemical testing. 2) Expert advice on proper blasting techniques at limestone quarries.	Up to 2 trainees at one factory for 3 months in a year. Efficient use and maintenance of heavy quarry equipment.
PHILIPPINES	Cement factories Plywood plants	Cement Industry Authority Philippine Lumber and Plywood Manufacturers Association	Personnel training	
THAILAND	Ceramic technology	Ceramic Research and Development Centre Department of Science Ministry of Industry	General training and practice	Training course leading to a small-scale industry
TOGO	Recherche sur l'utilisation des matériaux locaux en terre stabilisée.	Centre de Construction et de Logement	Formation de personnel	2 mois pour 15 participants
UPPER VOLTA	Sous-traitance et services spécialisés en matière de bâtiment. Banco renforcé	Office de Promotion de l'Entreprise Voltaïque Projet PNUD	- Echange d'information et d'expérience - stagiaires idem	à déterminer le cas échéant idem

INDUSTRIAL SECTOR: CONSTRUCTION AND BUILDING MATERIALS INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
YUGOSLAVIA	Aseismic structures Concrete elements, brick, tile	Institute of earthquake engineering, Skoplje Building materials factory	Training Experts, training	

INDUSTRIAL SECTOR: CHEMICALS, PHARMACEUTICALS AND PULP AND PAPER INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
AFGHANISTAN	Chemical Industries	None	Expert Chemical Engineer available	3-6 months in a year
CHILE	Industrias forestales (silvicultura, genética, construcción, derivados, etc)	Instituto Forestal (Proyecto PNUD - CORFO)	Asesoría Cursos en el país	2-3 meses
EL SALVADOR	Productos químicos, farmacéuticos y perfumería	LAINEZ S.A.	Permitirían visitar la planta a técnicos extranjeros del nivel y en número y período a convenir previamente.	
GUATEMALA	-	ICAITI (Instituto Centroamericano de Investigación y Tecnología Industrial)	Cursos de capacitación laboratoristas industriales	Carrera técnica corta de 1 año de duración.
GUYANA	Testing of food products and pharmaceuticals and micro-biological examination of foods and drugs.	Analyst Department Ministry of Health	Training at technician's level	Practical attachments for a few months.
MADAGASCAR	Savonnerie	par l'intermédiaire du Bureau de développement et de promotion industriels (B.D.P.I.)	- Formation de personnel - Visite d'usines	
	Papeterie	par l'intermédiaire du Bureau de développement et de promotion industriels (B. D.P.I.)	- Service d'experts - Formation de personnel - Visite d'usines	

INDUSTRIAL SECTOR: CHEMICALS, PHARMACEUTICALS AND PULP AND PAPER INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
PERU	<u>Industrias Ligeras:</u> - Laboratoristas químico y microbiológico (nivel: mando medio) - Adiestramiento a nivel profesional en laboratorios sobre: Toxicología, microbiología, instrumentación y bromatología - Industria de Papel y Maderas	IIA	Capacitación Técnica	4 meses
			Capacitación Técnica	4 meses
	- Planeamiento y Desarrollo Industrial	MIT	Asistencia Técnica	4 meses
		Institute of Pulp Technology	Experience	Observation of processing plants and institute 2 - 3 months
REPUBLIC OF KOREA	<u>Pulp Industry:</u> Technology for straw pulp making		Exchange of experience	In-plant training of up to 3 technicians for up to 2 months and observation tour of 3-4 technicians for up to 2 months
THAILAND	(a) Pulp manufacture from straw and grass (b) Pulp and Paper Testing	Bang-Pa-In Paper Mill, Department of Industrial Works, Ministry of Industry Pulp and Paper Laboratory Department of Science Ministry of Industry	Provision of expertise and training of personnel	Expert services up to 4 months per year. 3 months training courses for up to 2 participants.

INDUSTRIAL SECTOR: CHEMICALS, PHARMACEUTICALS AND PULP AND PAPER INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
TURKEY	Sugar and Cement Industries	Ministry of Industry and Technology States Cement and Sugar Industries	Expert services on: - Establishment of industrial plants - Machinery and equipment manufacturing - Plant operations	Twice two weeks periods per year. These services can be extended.
UNITED REPUBLIC OF TANZANIA	Chemicals, pharmaceuticals and pulp and paper industries.	NAPCO	Research facilities and training of technicians.	2 people for a month.
YUGOSLAVIA	Paints and varnish Pharmaceuticals, plastic mass Production of soap and cosmetics Paper production House chemical material production	"Duga", Beograd "Galenika", Zemun "Merima", Kruševac Fabrika Celuloze, Ivangrad Chemical factory	Consulting, training Consulting, training Consulting Training Training	According to agreement. According to agreement. According to agreement. 3 weeks training. According to agreement.
ZAMBIA	- Intravenous fluid plant - Integrated paper mill	- -	Exchange of knowledge idem	

INDUSTRIAL SECTOR: FERTILIZERS, PESTICIDES AND PETROCHEMICALS INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
CHILE	Industrias Químicas Acido sulfúrico, soda cáustica, y otros	Diversas empresas, vía Depto. de Industrias Químicas de CORFO	Capacitación	2 a 6 meses
EL SALVADOR	Fertilizantes	"FERTICA S.A."	Permitirían visitar la planta a técnicos extranjeros del nivel y en número y período a convenir previamente.	
MADAGASCAR	Raffinerie	B.D.P.I.	<ul style="list-style-type: none"> - Service d'experts - Formation de personnel - Visite d'usines 	
PAKISTAN	Fertilizer	National Fertilizer Corp., and its factories	<p>Training of persons in operation, control and maintenance of Ammonia, Urea, Nitrate Acid, S.S.P., Sulphuric Acid and Amm. Sulphate.</p> <ul style="list-style-type: none"> - Training up to 6 months of 6 persons at a time. - 2 experts may be spared for up to 2 months in a year 	

INDUSTRIAL SECTOR: FERTILIZERS, PESTICIDES AND PETROCHEMICALS INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
REPUBLIC OF KOREA	Petrochemicals: - Increase of rate of replacement of natural rubber by synthetic rubber - Manufacturing of high polymer (synthetic rubber) - Olefin manufacture and its derivatives Fertilizer Industries: - Promotion of overall national fertilizer policy (production and fertilization)	Rubber processing plant and synthetic rubber manufacturer Synthetic rubber manufacturer Yeo-Su Petrochemical Corp. Fertilizer Section Ministry of Commerce and Industry	Job training in rubber processing plant, and academic training in academic institution.	3 - 6 months training course for 15 participants.
			Job training in synthetic rubber plant, and academic training in academic institution.	6 months training course for 6 participants.
			Manufacturing/engineering training	3 months training course for 10 participants
			Exchange of information	Visit to concerned agencies and investigation of production facilities and observation of research institute for 3-4 weeks.

INDUSTRIAL SECTOR: LIGHT INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
AFGHANISTAN	Textiles (specially dying)	Bagrami Textile Factory	Provision of an expert	up to 2 months a year
CHILE	Industrias de mataderos; plantas lecheras, fábricas de cecinas.	SOCOACRO	Capacitación	12 meses
ECUADOR	- Textiles artesanales - Muebles artesanales - Orfebrería - Cerámica artesanal - Procesamiento y Producción de Bananas, Cacao, Café	Cooperativa Peguche Varios maestros ebanistas/talladores Varios maestros talleristas		
EL SALVADOR	- Calzado	"ADOC"	Recibirían técnicos para visitar planta y conocer procesos, previo acuerdo en cada caso para seleccionar temas y concretar detalles.	
GUYANA	Rice milling and utilization of by-products	Guyana Rice Board	Training	(a) Practical attachment for by-products. (b) Training at technicians level for few months in rice milling for about 6-8 persons.
HONDURAS	General operation of textiles factory	Fábrica Textil Bemis Handal	Practical training of personnel	Stay up to two months

INDUSTRIAL SECTOR: LIGHT INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
KHMER REPUBLIC	Salage et séchage de poisson et de viande	Direction de la pêche, Direction de la Production et de la Santé Animales	Visite aux ateliers	Plusieurs jours, 2 fois par an
	Carpet weaving and pottery	Government Co-operative (Thaban-li-'Mele)	Expert services and training	Expert services up to one month; training up to one year.
MADAGASCAR	1. Conserverie (viandes, légumes, fruits et tomates)	par l'intermédiaire du Bureau de développement et de promotion industriels (B.D.P.I.)	- Formation de personnel - Visite d'usines	
	2. Brasserie et boissons gazeuses		- Service d'experts - Formation de personnel - Visite d'usines	
	3. Confiserie-biscuiterie	par l'intermédiaire du Bureau de développement et de promotion industriels (B.D.P.I.)	- Formation de personnel - Visite d'usines	
	4. Chocolaterie		- Service d'experts - Formation de personnel - Visite d'usines	
	5. Pâte alimentaire		- Service d'experts - Formation de personnel - Visite d'usines	
	6. Huilerie		- Service d'experts - Formation de personnel - Visite d'usines	
	7. Sucrierie		- Service d'experts - Formation de personnel - Visite d'usines	

(continues)

INDUSTRIAL SECTOR: LIGHT INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
MADAGASCAR (continued)	8. <u>Textiles:</u>			
	a) Tissus d'habillement (filature - tissage - impression)			<ul style="list-style-type: none"> - Service d'experts - Formation de personnel - Visite d'usines
	b) Fabrique de couvertures			<ul style="list-style-type: none"> - Service d'experts - Formation de personnel - Visite d'usines
	c) Fabrique de sacs d'emballages textiles			<ul style="list-style-type: none"> - Service d'experts - Formation de personnel - Visite d'usines
	d) Confection			<ul style="list-style-type: none"> - Formation de personnel - Visite d'usines
	9. Fabrication de cigarettes		par l'intermédiaire du Bureau de développement et de promotion industriels (B.D.P.I.)	<ul style="list-style-type: none"> - Service d'experts - Formation de personnel - Visite d'usines
	10. Fabrication de gélatine			<ul style="list-style-type: none"> - Formation de personnel - Visite d'usine
	11. Fabrique de meubles			<ul style="list-style-type: none"> - Formation de personnel - Visite d'usines
	12. Corderie			<ul style="list-style-type: none"> - Service d'experts - Formation de personnel - Visite d'usines
	13. Imprimerie			<ul style="list-style-type: none"> - Formation de personnel - Visite d'usines
	14. Tannerie et industries de chaussures			<ul style="list-style-type: none"> - Echange d'informations techniques

INDUSTRIAL SECTOR: LIGHT INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
PANAMA	Development of Fish and Sugar Industries		Advisory services	
PERU	<p>A) <u>Industria Textil:</u></p> <p>1. Desarrollo de Técnicos de Control de Calidad en Tejidos de Algodón, Lana y Servicios</p> <p>2. Hilatura y Tejido de Fibras de Algodón</p> <p>B) <u>Industrias Ligeras:</u> Elaboración de sucedáneas de la harina de trigo y panificación con estas harinas</p>	<p>Instituto Textil de la Universidad Nacional de Ingeniería</p> <p>Servicio Nacional de Aprendizaje y Adiestramiento Industrial (SENATI).</p> <p>IIA (Instituto de Investigación Agroindustrial)</p>	<p>Servicio de expertos y suministro de servicios e instalaciones.</p> <p>Servicio de expertos y suministro de servicios e instalaciones.</p> <p>Capacitación técnica</p>	<p>Servicio de expertos hasta por 2 meses al año. Cursos de capacitación de 2 meses para un máximo de 10 pers.</p> <p>Cursos de capacitación de 3 meses al año para un máximo de 10 personas.</p> <p>4 meses</p>
REPUBLIC OF KOREA	<p><u>Textile Industry:</u></p> <p>a) Cotton spinning</p> <p>b) Weaving</p> <p>c) Knitting</p> <p><u>Textile Industry:</u></p> <p>a) Dyeing and finishing</p>	<p>a) National Textile Council of Korea</p> <p>b) Spinners and Weavers Association of Korea</p> <p>c) Federation of Weavers Corporation</p> <p>d) Federation of Korean Knitting Industry Corporation</p> <p>a) National Textile Council of Korea</p> <p>b) Dyeing and Finishing Corp.</p>	<p>Provision of expertise</p> <p>Training of personnel and observation of processing plants</p> <p>Exchange of experience</p> <p>Training</p> <p>Expert services</p>	<p>a) Expert services for up to 1 month 4 times a year.</p> <p>b) Number of trainees that can be accommodated: 10 participants each time.</p> <p>Training, expert services, and observation of processing plants and consultation of 1-2 weeks duration.</p>

INDUSTRIAL SECTOR: LIGHT INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
THAILAND	A) Sugar processing industry	The Sugar Institute Ministry of Industry	Training in sugarcane production, sugarcane research.	4 - 5 at a time for period up to 2 years.
	B) Textiles	Textile Industry Division Industrial Promotion Department	Training in sugar analysis. Sugar factory control (chemical) techniques. Exchange of trainers. On-the-job training, in-plant training.	12 - 15 trainees at a time. 4 - 6 weeks any time of the year, plant observations, field tours. Spinning Weaving Dyeing Printing
TURKEY	Woolen and Cotton Textile Industries	Ministry of Industry and Technology, public and private enterprises.	Expert services and operational problems of textile plants.	Twice two weeks periods per year (can be extended)
	- Textiles - Complexe sucrier	Voltex SO.SU. H.V.	Exchange d'information et d'expérience. idem	A déterminer le cas échéant. idem
UPPER VOLTA				

INDUSTRIAL SECTOR: LIGHT INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
YUGOSLAVIA	Food processing	Poljoprivredni kombinat, Beograd	Consulting, training	According to agreement
	Furniture production	"Crevena zastava", Kruševac	Consulting, training	According to agreement
	Textile manufacturing	Vunarski kombinat, Bijelo Polje	Training	1 month training
	Food processing	ZIK "Pelagonija", Bitolj	Training	According to agreement
	Meat and meat by-products	Meat processing factory	Experts, training research	"
	Fruits and vegetables processing	Factory of fruits and vegetables processing	Experts, training research	"
	Sugar production	Sugar mill	Expert, training research	"
	Flour production	Mill industry	Expert, training research	"
	Chocolate and biscuit	Chocolate factory	Training	"
	Oil production	Institute of food industry	Experts, training research	"
	Processing of fruit juice	Institute of food industry	Experts, training research	"
	Beer and wine production	Appropriate institutes	Experts, training research	"
	Silk texture production	Silk texture factory	Training	"
	Processing of hard fibers	Factory for processing of hard fibres	Training	"
	Industrial carpet production	Carpet factory	Experts, training	"
	ZAMBIA	Game skin tanning	-	Exchange of knowledge

INDUSTRIAL SECTOR: GENERAL INDUSTRIAL TECHNIQUES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
HONDURAS	1. General operation of food packaging factory	Mejores Alimentos, S.A. United and Standard Fruit Co.	Practical training of personnel	Stay up to two months
	2. Packaging centre operation		Practical training of personnel	Stay up to two months
PHILIPPINES	Packaging design and manufacture	Packaging Institute of the Philippines Design Centre of the Philippines	Personnel training	In-plant training
	Bureau de dessin : - pré-engineering - plans d'ateliers, ou petites usines - organisation d'appels d'offres et de suivis	S.O.N.E.P.I.	Formation d'un dessinateur industriel	Stagiaire (2 mois)
THAILAND	A) Packaging	Industrial Service Institute Industrial Promotion Department	Color slides on selected subjects: 1. Wooden containers 2. Cleated panel boxes	2 months
	B) Basic furniture design	Industrial Service Institute, Industrial Promotion Department	Training course	

INDUSTRIAL SECTOR: INDUSTRIAL INSTITUTIONS

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
CHILE	Control de calidad	Centros de Servicios Metalúrgicos CESME	Capacitación en el país	1 - 2 meses
EL SALVADOR	Productividad y consultoría industrial	C.E.N.A.P.	Recibir visita de técnicos en productividad y consultoría de instituciones similares extranjeras. Programa de actividades a convenir previamente.	
GUATEMALA	Cámaras industriales	ICAITI	A ser determinada.	
GUYANA	Quality Control in Shrimping	Bookers B.D.H. Ltd.	Theoretical training	
LESOTHO	Commercial and industrial legislation	Ministry of Commerce and Industry	Expert services and training	Expert services up to one month, training up to 6 months
PANAMA	- Control de calidad - Estudios de productividad industrial	- Departamento de Normalización - Departamento de Fomento y Productividad industrial	Suministro de expertos	Servicios de asesoría de acuerdo con el programa
YUGOSLAVIA	Industrial research Research in processing industry Quality control/meat, fruits, vegetables, sugar, oil, etc.	Rudarski institut, Zemun Institut za hemiju, tehnologiju i metalurgiju, Beograd Institute of food industry Institute of food technology	Consulting, training Consulting, training Experts, training, research	Up to 10 trainees per year Up to 20 trainees per year

INDUSTRIAL SECTOR: INDUSTRIAL INFORMATION

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
ALGERIA		Institut National de la Productivité et du Développement Industriel	Stage pratique dans le centre de documentation orienté vers les problèmes de gestion d'études économiques	durée du stage : 6 mois pour 2 personnes
CHILE	Sistemas de Información	Instituto de Investigaciones Tecnológicas, INTEC	Envío de expertos	2 - 3 meses
GUATEMALA	Información industrial	INTECAP	Centro de información	
MADAGASCAR	- Etudes et promotions de projets - Centre de documentation	par l'intermédiaire du Bureau de développement et de promotion industriels (B.D.P.I.)	Echanges d'information	
SENEGAL	Organisation d'un service de documentation et de diffusion de l'information industrielle. (Bulletin d'Information) Recensement des sources d'information industrielle existant dans le pays.	S.C.N.E.P.I.	Envoi de documents et formation	- sur demande - stagiaire (3 mois)

INDUSTRIAL SECTOR: INDUSTRIAL MANAGEMENT AND CONSULTING SERVICES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	TYPE	ASSISTANCE WHICH COULD BE PROVIDED
ALGERIA		Institut National de la Productivité et du Développement Industriel	Formation à la gestion niveau post-universitaire	Durée du stage : 15 mois pour 5 personnes
CHILE	Administración general y funcional de empresas	U. de Chile, Facultad de Ciencias Económicas, Depto. de Administración	<ul style="list-style-type: none"> - Programas de Desarrollo de Ejecutivos - Suministro de expertos - Estudio de problemas industriales 	9 - 18 meses 3 meses por año 3 - 6 meses
GUATEMALA	<ul style="list-style-type: none"> - Consultoría Industrial - Administración, producción y ventas (en industrias ligeras) 	INTECAP	Servicios de consultoría	Posee 15 consultores en Ing. Industr., Ing. Mecánica, Administración de Empresas, Economía. Cursos de 2 meses 1 mes
GUYANA	Marketing Techniques in rice industry	Guyana Rice Board	Training	Practical attachment
LESOTHO	Business Extension Services (Feasibility Studies and Loan Applications)	Ministry of Commerce and Industry	Expert services and training	Expert services up to one month

INDUSTRIAL SECTOR: INDUSTRIAL MANAGEMENT AND CONSULTING SERVICES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
MADAGASCAR	1. Formation de personnel - Assistance à la gestion 2. Centre de formation professionnelle des adultes	Par l'intermédiaire du Bureau de Développement et de Promotion Industriels (B.D.P.I.)	- Formation de personnel - Formation de personnel	
NICARAGUA	Consultoría Económica		Despacho de Consultores	
SENEGAL	Etudes de marché et Marketing : - Organisation d'un service d'étude de marché et marketing - Réalisation d'études types	S.O.N.E.P.I.	- Formation	Stagiaire (3 mois)
SYRIAN ARAB REPUBLIC	Vocational training	Vocational Training Directorate	- Exchange of instructors and training programmes. - Despatching of experts in organization and management of vocational training.	

INDUSTRIAL SECTOR: INDUSTRIAL MANAGEMENT AND CONSULTING SERVICES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
THAILAND	The Management Consultancy Service, Management Training Service	Thailand Management Development and Production, Industrial Promotion Department	To conduct seminars and training of appropriate management technique and also give consulting service.	
UNITED REPUBLIC OF TANZANIA	Consultations on Banking, Imports, Finance, General Management Products, Projects, Personnel Selection.	Industrial Management Services Ltd.	Can render service on consultancy.	2 people can be accommodated for 2-3 months.
YUGOSLAVIA	Computerization in industry	Institut Boris Kidrič, Beograd	Training	Up to 50 trainees per year
ZAMBIA	Industrial Consultancy	-	Joint schemes for consulting services	

INDUSTRIAL SECTOR: SMALL-SCALE INDUSTRIES AND RELATED ACTIVITIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
CHILE	Pequeña industria en general	Servicio de Cooperación Técnica, SERCOTEC	Asesoría a empresas	3 - 6 meses
GUATEMALA		INTECAP	Cursos de capacitación en administración, producción, operación, etc. Asistencia técnica en administración, producción	1 - 3 meses Estudios y expertos por 1 - 2 meses dentro de empresas
HONDURAS	Small Industries - Technical Assistance in Project Evaluation and Marketing	Centro Cooperativo Técnico Industrial (C.C.T.I.)	Direct work in the field	Three persons 3 months each
KHMER REPUBLIC	Artisanat traditionnel	Direction de l'Artisanat du Minindustrie et Ministère du Tourisme	Visite aux ateliers artisanaux	Plusieurs jours, 2 fois par an.
PHILIPPINES	Provision of technical assistance to Small-scale Industry	Development Academy of the Philippines UP Institute of Small- and Medium-scale Industries Philippine College of Arts and Trade	Personnel training	In-service training

INDUSTRIAL SECTOR: SMALL-SCALE INDUSTRIES AND RELATED ACTIVITIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
SENEGAL	Petite et moyenne industrie - Gestion industrielle Organisation de cycles et séminaires de préparation à la gestion des petites et moyennes entreprises (séminaires destinés exclusivement à la formation des promoteurs et chefs d'entreprises) - Financement industriel des investissements pour PME (petites et moyennes entreprises) - Création, organisation et gestion de : * Fonds de participation au capital des entreprises créées * Fonds de garantie des investissements - Assistance directe aux dirigeants des entreprises encadrées par un organisme de promotion. Organisation et réalisation assistance directe (gestion admin. et comptable de l'entreprise, organisation de la production industrielle et mise en place des bons de travail, processus, exécution, contrôle).	S.O.N.E.P.I. en liaison avec l'Association pour la formation au Sénégal (AFORS) S.O.N.E.P.I. S.O.N.E.P.I.	- formation - assistance éventuelle possible à envisager	stagiaire (1 mois)
			- documentation	sur demande
			- formation	stagiaire (15 j. à 1 mois)
			- documentation - formation	stagiaire (2 mois)

(continues)

INDUSTRIAL SECTOR: SMALL-SCALE INDUSTRIES AND RELATED ACTIVITIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
SENEGAL (continued)	- Innovations industrielles simples (conception et exécution de nouveaux modèles de produits industriels).	S.O.N.E.P.I.	- formation de stagiaires (participation à une action d'innovation)	à étudier cas par cas avec le demandeur.
	- Aide à la commercialisation des nouveaux produits : * Méthodes de prospection et d'assistance directe à la commercialisation. * Etude et réalisation de nouveaux moyens de vente.	S.O.N.E.P.I.	- stagiaire	2 mois
TOGO	- Domaines industriels : création de sociétés de gestion d'un Domaine Industriel - Organisation du Domaine.	S.O.N.E.P.I. et D.I.TH. (Société de Gestion du Domaine Industriel de Thiès)	- formation	1 stagiaire (1 mois)
	Promotion de la petite industrie	Centre National de Promotion de la Petite et Moyenne Entreprise (CNPPME)	Stage de formation	1 mois pour 10 participants
UPPER VOLTA	La Petite et Moyenne Entreprise	Office de Promotion de l'Entreprise Voltaïque	Echange d'information et d'expérience	
ZAMBIA	Establishment of small industries		Exchange of knowledge	

INDUSTRIAL SECTOR: INDUSTRIAL PROGRAMMING

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
ECUADOR	Política y Programación Industrial	Junta Nacional de Planificación		
HONDURAS	Industrial Programming Sector	Consejo Superior de Planificación Económica	Operative Planning Evaluation	Up to two months
MADAGASCAR	Organisme officiel pour la planification et la programmation industrielles	Par l'intermédiaire du Bureau de développement et de promotion industriels (B.D.P.I.)	Service d'experts Formation de personnel	
PAKISTAN	Project identification and planning	State Heavy Engineering and Machine Tool Corporation	Exchange of experience	Discussions and data collection. Duration 2 months
PANAMA	Programación lineal y no lineal y Análisis de sistemas	Departamento de Estudios y Planificación	Suministro de expertos	Servicios de asesoría de acuerdo con el programa
SENEGAL	Organisme de promotion industrielle Création, organisation et gestion d'un organisme d'étude et de promotion industrielle	S.O.N.E.P.I.	documentation formation	à étudier sur demande

INDUSTRIAL SECTOR: INDUSTRIAL FINANCING AND INVESTMENT PROMOTION

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
CHILE	Financiamiento interno y externo de proyectos	Gerencia de Operaciones Financieras de CORFU	Capacitación	3 meses
GUATEMALA	-	Corfina, Banco Industrial		
HONDURAS	Industrial financing and Investment Promotion	División de Desarrollo Industrial, Banco Nacional de Fomento	Practical training in the field	Stay up to three months
MADAGASCAR	Financement industriel et promotion des investissements	Organisme de financements	Echanges d'expériences et d'informations	
MALAYSIA	-	Malaysian Industrial Development Finance		
PANAMA	Evaluación financiera de proyectos	Control Presupuestario	Suministro de Expertos	Servicios de Asesoría de acuerdo con el programa
ZAMBIA	Industrial financing		Exchange of experience	

INDUSTRIAL SECTOR: PROMOTION OF EXPORT-ORIENTED INDUSTRIES, INTERNATIONAL SUBCONTRACTING

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
GUATEMALA		GUATEXPRO	A ser determinada	
HONDURAS	Export promotion	Dirección de Comercio Exterior Ministerio de Economía	Practical training in the field	Stay up to three months
PHILIPPINES	Promotion of exports of non-traditional manufacturers	Institute of Export Development, Board of Investments	Personnel training	In-service training
ZAMBIA	Promotion of export-oriented industries	-	Exchange of experience	

INDUSTRIAL SECTOR: INDUSTRIAL SURVEYS AND STUDIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
AFGHANISTAN	Exchange of visits	Ministry of Mines and Industries	Provision of facilities to two nominees of any Government to study industries.	3 - 4 weeks
ALGERIA	Etudes et enquêtes industrielles : * Etudes sectorielles; * Etudes de faisabilité de projets industriels. - Industries textiles - Industries cuir - Industries caoutchouc - Industries verre	Société Nationale d'Etudes et de Réalisation Industrielle	Equipes d'experts chargés de la réalisation des études citées.	
CHILE	Estudios de ramas industriales; en especial detección y formulación de proyectos.	Gerencia de Desarrollo de CORFO	Capacitación	3 meses
HONDURAS	Sectorial Studies Census Techniques	Banco Central de Honduras Dirección General de Estadística y Censos	Consulting services	Stay up to three months Stay up to three months
LESOTHO	Sector and Sub-sector Analysis	Ministry of Commerce and Industry	Expert services and training	Expert services up to one month. Training up to two years

INDUSTRIAL SECTOR: INDUSTRIAL SURVEYS AND STUDIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONAL FACILITIES AVAILABLE	ASSISTANCE WHICH COULD BE PROVIDED	
			TYPE	SCOPE
MADAGASCAR	Organisme d'études et de promotion de projets	par l'intermédiaire du Bureau de développement et de promotion industriels (B.D.P.I.)	Service d'experts Echanges d'informations	
PAKISTAN	Industrial surveys and studies related to cement industry	State Cement Corporation of Pakistan Limited, Lahore	Specific commission	Single study in a year
SENEGAL	Etudes industrielles :			
	- Etudes de projets industriels de moyenne importance	S.O.N.E.P.I.	Formation	Stagiaire (2 mois)
	- Méthodologie pour l'étude de petits projets permettant d'y associer un promoteur ayant un niveau d'instruction élémentaire	"	Documentation	Envoi au demandeur
YUGOSLAVIA	Industrial economics	Institut za ekonomiku industrije, Beograd	Consulting	According to agreement

INDUSTRIAL SECTOR: ENGINEERING INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
AFGHANISTAN	General machinery industries	Ministry of Mines and Industries	Advice required on maintenance of existing machinery	An Industrial Engineer required for one year
	1 - Design and development, training to middle management and supervisors in the metal working industry.	Centre for Technological Research (proposed)	- expert - 10 for a period of 240 m/m - training - 360 m/m - equipment \$200,000	Advise on the establishment of the institute, training of local personnel and equipping the institute
BANGLADESH	2 - Workshop and training in the field of metal working and automobile industries	Bangladesh Industrial Technical Assistance Centre	Experts - 96 m/m Training - 120 m/m	Training of skilled technicians, supervisory personnel, consultancy services to private industries, facilities for dies, toolings.
	1 - Industria Automotriz	CENDES, Junta de Planificación, Ministerio de Industrias, Comercio e Integración	Evaluación de Propuestas. Supervisión, Implementación	1 experto un mes 1 experto - varios períodos de 15 días
	2 - Tractores	CENDES, Junta de Planificación, Ministerio de Industrias, Comercio e Integración	Estudios	1 experto, 3 meses
ECUADOR	3 - Maquinaria Agrícola	CENDES, JNP, Ministerio de Industrias	Estudios	1 experto, 3 meses
	Agricultural engineering Development of farm type equipment for small farmers	Guyana Rice Board	Training and exchange of experience	Practical attachment and observation tours

INDUSTRIAL SECTOR: ENGINEERING INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYP	SCOPE
HONDURAS	Metal products industries and their development	BNF, CCTI, CONADI	Exchange of experience	Consulting, 3 weeks
IRAQ	<p><u>Machinery Industries</u></p> <p>1 - Agric. machinery and implements</p> <p>2 - Electrotechnical industries</p> <p>3 - Automot.ve Industry (trucks, buses and possible cross-country)</p> <p>4 - Spiral welded pipes manufacture (steel pipes according to API or equivalent)</p> <p>5 - Semi-integrated Steel Plant and sponge iron plant</p> <p>6 - Semis Aluminium plant (Transformation)</p> <p>7 - Batteries Manufacture</p> <p>a - Dry cell</p> <p>b - Lead-acid liquid batteries</p>	<p>State co. for mechanical industries in Iskandariah</p> <p>State co. for electrical industries in Waziriah</p> <p>Assembly plant for trucks in Iskandariah and local manufacture of some items</p> <p>State co. for Spiral Pipes in Basrah - UM Kasser</p> <p>A project in Basrah is under construction</p> <p>A project under study</p> <p>2 plants in Baghdad</p>	<p>(a) Exchange of experience in Agricultural machinery and imple-ments, Electrical industries and Battery manufacture</p> <p>(b) Exchange of experience in steel and aluminium industry</p>	<p>(a) Observation of processing plants and consultations, 2-3 weeks</p> <p>(b) 3 months periods, also as training</p> <p>(c) Visiting of experts and consultations from both parties</p>

INDUSTRIAL SECTOR: ENGINEERING INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	TYPE	ASSISTANCE NEEDED	SCOPE
KHMER REPUBLIC	Machine et outillage agricole	Ingénieurs de Minindustrie (Direction des Industries Privées)	Echange d'expériences	Visites aux usines Mission d'études	
KUWAIT	1. Mechanical Engineering 2. Electrical Engineering	Kuwait National Petroleum Co. Kuwait National Petroleum Co.	Widening of experience in plants	Training in Maintenance fields for 3-6 months 6 engineers every year	
LESOTHO	Metal products industries incl. agric. machinery and improvements	Ministry of Commerce and Industry	Provision of expertise and training of personnel	Observation of plants and on the job training	
LIBYA	Steel Pipes Complex	General National Organization for Industrialization (G.N.O.F.I.)	Expert in Planning, Production and Marketing	From 3 - 6 months	
MADAGASCAR	1. Constructions et réparations navales 2. Entretien et réparation de matériel ferroviaire 3. Production de matériel et outillage agricoles 4. Etudes et recherches en matière de machinisme agricole	Bureau de Développement et de Promotion Industriels (EDPI)	<ul style="list-style-type: none"> - Service d'experts - Formation de personnel - Visite d'usines - Service d'experts - Formation de personnel - Visite d'usines - Service d'experts - Formation de personnel - Visite d'usines - Service d'experts - Formation de personnel - Visite d'usines 		

INDUSTRIAL SECTOR: ENGINEERING INDUSTRIE

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
NICARAGUA	1. Metal mecánica 2. Productos metálicos Construcción de Maquinaria	Instituto de Fomento Nacional (INFONAC) Apartado 629, Maragua, Nic. Banco Nacional de Nicaragua	Intercambio de Experiencia Consultoría	Observaciones de plantas elaboradoras y consulta de 2 a 3 semanas de duración Servicio de consultores, promedio de 18 meses por consultor
PAKISTAN	1. Engineering Design 2. Plant Maintenance	Heavy Mechanical Complex and Pakistan Machine Tool Factory	Training design engineers Exchange of experience	6 months training for 4 persons per year in the field of plant equipment design 2 months observation of the factory maintenance programme and its implementation.
PHILIPPINES	Motor vehicles components (cars, trucks and motor cycles)	Board of Investments and Car Parts Producers Association of the Philippines (CAPPA)	Exchanges of experience	Observation of processing plants and consultations of 3 months duration
SRI LANKA	1. Manufacture of Agri- cultural machinery and ancillary equipment 2. Drawing up Blue Prints for light machinery	Sri Lanka Tractor Corporation NERDC	Expertise Expertise to assist in the blue prints of designing and manufactur- ing of photo types	Consultations and study tours Consultations and ex- change of experience

INDUSTRIAL SECTOR: ENGINEERING INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
SYRIAN ARAB REPUBLIC	1. Automotives Industries	Vocational Training Directorate	a) Training Personnel	6 months expertise services for each
	2. Electronic Industries and control equipment	Ministry of Industry	b) Expertise provision	To study and report in Thailand for a period of 1 - 2 months
	1. Pre-feasibility study on machine tools manufacturing in Thailand	Physics Division Department of Science Ministry of Industry	Expert services	Expert service
THAILAND	2. Maintenance and repair of scientific instrumentation	Industrial Service Inst. (ISI)	Training	3 montns
	3. Technology of die machine	Industrial Promotion Department	Training	
	Fabrication d'outillages agricoles	Direction Générale de l'Economie Rurale	Stage de perfectionnement	Travail effectif dans un atelier de fabrication d'outillages agricoles (pendant 3 mois)
UPPER VOLTA	Industries Mécaniques en Général		Etude de développement du Secteur se basant sur l'industrie métallurgique existante	- Expert - Voyages d'études
ZAMBIA	Mining Machinery		Expert Advice	3 - 6 months

INDUSTRIAL SECTOR: METALLURGICAL INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
BANGLADESH	Research and development in steel making, rerolling and allied steel industry	Centre of Metallurgy (proposed)	Expert - 10 for a period of 240 m/m Training - 360 m/m Equipment \$200,000	Advise on the establishment of the institute, training of local personnel and equipping the institute
BOLIVIA	Asistencia para el Desarrollo de industrias basadas en: - Estaño metálico - Bismuto metálico - zinc metálico - antimonio metálico - plomo metálico - ferroaleaciones			
CHILE	Procesos y metalurgia de cobre y aleaciones	Manufacturas de Cobre, MADECO y NIBSA	Capacitación	Traída de expertos 2 - 3 meses
ECUADOR	Preparación y reducción directa de mineral de hierro	CENDES, Dirección Industrias del Ejército	Preparación del estudio de factibilidad	2 expertos, 3 meses
EL SALVADOR	Fundición en bronce, inyección de cinc, inyección de aluminio, recubrimientos electro-lífticos de cobre, níquel y cromo	I.M.S.A. (Industrias Metálicas S.A.)	Visitar plantas para conocer las tecnologías citadas en la columna correspondiente (fundición, inyección, etc)	Envío de 3 - 4 ingenieros por un mes, aproximadamente

INDUSTRIAL SECTOR: METALLURGICAL INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
GUYANA	Ferrous and non-ferrous sand castings	Demerara Foundry Co. Ltd.	Training	Training of personnel in Metallurgy and need for expertise
HONDURAS	Metal products industries and their development	BNF, CCTI, CONADI CONADI	Exchange of experience Provision of experts and training of personnel	Consulting, 3 weeks One-two months experts and 6 months training personnel
KHMER REPUBLIC	Fonderie ferreuse	Fonderies privées	Contrôle de qualité spécialement de la vieille fonte	Plusieurs bourses
LESOTHO	Scrap metal (ferrous and non-ferrous)	Ministry of Commerce and Industry	Provision of expertise and training	Plant start up, observation of plant, plant management and on the job training
LIBYA	Iron scrap melting	General National Organization for Industrialization (GNOFI)	Expert in operation	3 - 6 months
MADAGASCAR	Sidérurgie	Bureau de Développement et de Promotion Industriels (BDPI)	- Service d'experts - Formation de personnel - Visite d'usines	

INDUSTRIAL SECTOR: METALLURGICAL INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
MALAYSIA	1. Pewter Products	Federation of Malaysia Manufacturers (Selangor Pewter Co. Sdn. Bhd.)	Expertise and training of personnel in the following: i) Fabrication by casting process ii) Design and fabrication of moulds iii) Press work and lathe work iv) Production engineering	Training courses up to 3 months
	2. Direct Reduction leading to iron and steel making	Federal Industrial Development Authority	Process of manufacture	Selection of process and advice on integrated steel plant perhaps based on direct reduction
	3. Fabrication of light metal products	Federal Industrial Development Authority	Advisers	1. Produce an industrial survey 2. Identify products possibilities
NICARAGUA	Hierro y acero, bronce, latón, etc.	Banco Nacional de Nicaragua	Consultoria	Servicio de consultores, promedio de 18 meses por consultor
PAKISTAN	1. Steel and alloy foundries catering for cement industry	State Cement Corporation of Pakistan Ltd., Lahore	Exchange of experience	Observation of operations of units and consultations of up to 4 weeks duration
	2. Integrated Steel Plant: 1. Blast furnace 2. BOP convertor 3. Continuous Casting 4. Hot Strip Mill 5. Billet Mill 6. Utilities and Ancillaries	Pakistan Steel Mills Corporation Ltd., Karachi	In-plant practical training of engineers, operatives and artisans	

INDUSTRIAL SECTOR: METALLURGICAL INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
PANAMA	Explotación cuprífera y petrolera	Dirección General de Recursos Minerales	Información científica tecnológica	Visitas a Minas y a Industrias procesadoras
SRI LANKA	1. Electro-smelting of Ilmenite concentrates 2. Manufacture of Aluminium	Ceylon Mineral Sands Corporation Government	Pilot plant Expertise and technical assistance	technical assistance
THAILAND	1. Prefeasibility study on ferro-alloy development in Thailand 2. non-ferrous metals production	Department of Natural Resources Ministry of Industry ISI	Expert services Exchange of experience	To study and report in Thailand for a period of 1-2 months Observation of foundry shop and consultation
UPPER VOLTA	Projet de fonderie des métaux ferreux	-	Expert pour le traitement des ferrailles	à déterminer

INDUSTRIAL SECTOR: CONSTRUCTION AND BUILDING MATERIALS INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
BOLIVIA	Asistencia para el desarrollo de industrias basadas en madera			
CHILE	1. Elementos pre-fabricados 2. Sistemas pretensados 3. Construcción en altura	Cámara Chilena de la Construcción (para empresas asociadas)	Capacitación de personal	Cursos de 1 mes, repetidos
DAHOMY	1. <u>Industrie de céramique</u> Préparation de moule 2. <u>Industrie de ciment</u> Technologie de fabrication	Société Dahoméenne de Céramique (SOCIDA) Société en formation	Echanges d'expérience Echanges d'expérience	Consultation d'une durée de 6 semaines Consultation d'une durée de 8 semaines
GUYANA	Cement	Small Industries Corporation	Training and exchange of experience	Practical attachment, observation tour and consultation.
KHMER REPUBLIC	Recherches de gisements d'argile et fabrication de briques	Service National des Mines, de la Géologie et du Pétrole	Expert en géologie des argiles	Un expert
LESOTHO	Building stone industry and related industry	Ministry of Commerce and Industry	Exchange of experience	Training in stone technology
LIBYA	Cement industry	G.N.O.F.I.	Experts in Operation Production and Marketing	3 to 6 months

INDUSTRIAL SECTOR:

CONSTRUCTION AND BUILDING MATERIALS INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
MADAGASCAR	1. Briqueterie	Bureau de Développement et de Promotion Industriels (B.D.P.I.)	<ul style="list-style-type: none"> - Service d'experts - Visite d'usines - Echanges d'informations techniques - Service d'experts - Visite d'usines - Formation de personnel - Echanges d'informations techniques 	Observación de plantas y consultas
	2. Cimenterie	Instituto de Fomento Nacional (INFONAC)	Intercambio de experiencia	
NICARAGUA	Materiales nuevos, sustitutos de los tradicionalmente usados en la industria de la construcción (maderas, suelo-cemento, etc.)		Exchange of experience	One tour for observation of quarrying set ups and consultations of 4-8 weeks duration.
	1. Quarrying of limestone and aggregates	State Cement Corporation of Pakistan Ltd., Lahore	Exchange of experience	One tour for observation of cement plants on dry process and consultations of up to 12 weeks duration.
	2. Cement manufacture	State Cement Corporation of Pakistan Ltd., Lahore	Exchange of experience and research on problems relating to RCC construction	Observation of manufacturing plants for up to 8 weeks and attachment with building research stations for up to 26 weeks.
PAKISTAN	3. Cement quality control and building research	State Cement Corporation of Pakistan Ltd., Lahore		

(continues)

INDUSTRIAL SECTOR: CONSTRUCTION AND BUILDING MATERIALS INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
PAKISTAN (continued)	4. Cement (Associated Cement) Manufacture of the following cements: i) Portland Cement ii) Sulphate Resisting Cement iii) Rapid Hardening Cement iv) High Alumina Cement	2 factories of Associated Cement are located at Wah (Punjab) and Robri (Sind).	Expert advice in proper blasting techniques at limestone quarries	Efficient use and maintenance of heavy quarry equipment
PERU	Tecnología de Fabricación de Ladrillos de Arcilla	Empresas del Sector Privado y Funcionarios del Sector Público (MIT)	Suministro de Expertos	Servicios de expertos hasta por 2 meses al año
RWANDA	Fabrication des matériaux de construction Construction	Entreprises locales de construction et de fabrication des matériaux de construction	Apport d'expérience	- Deux ou trois agents techniques expérimentés - Trois mois
SRI LANKA	1. Manufacture of Sheet Glass 2. Manufacture of Ceramic	Ceylon Ceramics Corporation Ceylon Ceramics Corporation	Expertise and technical assistance Laboratory equipment and technical assistance for quality control	

INDUSTRIAL SECTOR: CONSTRUCTION AND BUILDING MATERIALS INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
THAILAND	1. Construction-material testing by means of non-destructive methods (i.e. X-ray techniques) 2. Refractories. Glaze and Chinaware 3. Glass-blowing Transfer of Technology	Department of Science Ministry of Industry Ceramic Research and Development Centre Physics Division Chemical Engineering and Industrial Process	Training	Expert service - 1 month up to one year
			Training Training	Expert service 3 months up to one year Expert service 3 months
UPPER VOLTA	Fabrication d'aggloméré en argile	Volbriceram	Assistance technique et commerciale	Expert de courte durée Voyages d'études

INDUSTRIAL SECTOR: CHEMICALS, PHARMACEUTICALS AND PULP AND PAPER INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	TYPE	ASSISTANCE NEEDED	SCOPE
AFGHANISTAN	Glass industry	Ministry of Mines and Industries	To analyse sulphuric acid, hydrochloric acid, soda ash, caustic soda	An expert in chemicals for 1 year	
CHILE	1. Explotación de bosques. Planificación industria forestal 2. Industrias químicas - Resinas - Antibióticos	CORFO. Div. lnds. de la madera, para empresas CORFO G. de Planificación, Div. Industrias de la Madera CORFO. Div. de Industrias Químicas	Capacitación Consultoría Expertos Capacitación	Curso 3 - 6 meses Asistencia técnica 6 meses a un año	
DAHOMY	Possibilité d'implantation d'une usine de pâte à papier	Gouvernement du Dahomey	Etude de faisabilité	Equipe de consultants pour deux mois	
EL SALVADOR	Procesamiento de arenas negras para titanio y hierro (ej. Gambia, Islandia) Productos químicos, farmacéuticos y de perfumería	CENDES LAINEZ S.A.	A) Recepción de técnico de alto nivel, p.e. jefe de producción, ejecutivo comercial B) Envío técnicos alto nivel a visitar plantas del ramo para hacer prácticas de producción en rama farmacéutica	A) 2 técnicos (1 Producción (1 Comercialización por 2 meses máximo B) 2 técnicos, uno o dos meses máximo	

INDUSTRIAL SECTOR: CHEMICALS, PHARMACEUTICALS AND PULP AND PAPER INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
GUYANA	Pulp and Paper Industry	Ministry of Energy and Natural Resources	Training	Training in all areas of pulp milling - practical and theoretical
HONDURAS	Pulp and Paper Industry	CONADI - CONDEFOR	Experts and training personnel	1-2 months experts, 6 months training personnel
KHMER REPUBLIC	Fabrication de la pâte à papier et du papier	Direction des Industries Privées Société Nationale de Papier	Echange d'expériences	Mission d'études
LESOTHO	Paper and textile and grass re-processing	Ministry of Commerce and Industry	Provision of expertise and training	Plant start up, observation and management and on-the-job training
LIBYA	Chemical Complex	C.N.O.F.I.	Review of studies already undertaken	three months
MADAGASCAR	1. Fabrique d'allumettes 2. Pâte à papier	Bureau de Développement et de Promotion Industriels (B.D.P.I.)	<ul style="list-style-type: none"> - Service d'experts - Visite d'usines - Echanges d'informations techniques - Service d'experts - Formation du personnel - Visite d'usines - Echanges d'informations techniques 	

INDUSTRIAL SECTOR: CHEMICALS, PHARMACEUTICALS AND PULP AND PAPER INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	TYPE	ASSISTANCE NEEDED	SCOPE
PERU	Industria de la Madera: Planeamiento, explotación e industrialización de la industria maderera	M.I.T.	Asistencia y Capacitación Técnica	seis meses	
PHILIPPINES	Establishment of a Plastic Research Institute	- Board of Investments - Philippine Chamber of Industries	- Technical expertise - Personnel training	- In-plant training and observation - In-plant training	
RWANDA	1. <u>Produits pharmaceutiques</u> Fabrication, conditionnement et commercialisation des produits pharmaceutiques 2. Industries de la pâte à papier et du papier à partir des matières locales.	Ministère de la Santé Publique et des Affaires Sociales (Département des Affaires Sociales) Papeteries du Rwanda Imprimerie Nationale du Rwanda	Aider à la réalisation du projet. Formation du personnel sur place ou par des stages à l'étranger. Services d'experts: 1. Aider au démarrage du projet "Papeteries du Rwanda" et formation de personnel sur place ou par des stages à l'étranger. 2. Apport d'expérience à l'Imprimerie Nationale du Rwanda.	Un ou deux pharmaciens industriels. Six mois renouvelables. Un ou deux experts six mois.	
SRI LANKA	1. Basic Chemical Industry 2. Manufacture of Drugs, etc 3. Manufacture of Paper	Paranthan Chemicals Corp. State Pharmaceutical Corp. Eastern Paper Mills Corporation	Expertise " "	Technical Assistance " "	

INDUSTRIAL SECTOR: CHEMICALS, PHARMACEUTICALS AND PULP AND PAPER INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	TYPE	SCOPE
THAILAND	1. Treatment and disposal of wastes from engineering industries 2. Treatment and disposal of waste from pulp and paper industries 3. Waste-Water Analysis and Treatment 4. Instrumental analysis e.g. X-ray diffraction, U-V and IR spectrophotometry, chromatography polarography, etc. 5. Fuel and Oil analysis	Department of Industrial Works, Ministry of Industry. Bang-Pa-In Paper Mill, Department of Industrial Works, Ministry of Industry Chemical Engineering and Industrial Process Chemistry Division	Exchanges of experience Exchanges of experience Training Training Training	Observation of waste treatment and disposal operations of 1 - 2 weeks duration. idem Expert service 3 - 6 months
TOGO	Industrie de carton	Direction Générale du Plan, et du Développement	Consultation pour évaluation des possibilités de fabrication de papier-carton	2 mois
UPPER VOLTA			Exchange of experience	
ZAMBIA			Exchange of experience	

INDUSTRIAL SECTOR: FERTILIZERS, PESTICIDES AND PETROCHEMICALS INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
AFGHANISTAN	Petrochemical	Ministry of Mines and Industries	For using gas as raw material for chemical and plastic industry	An expert in petrochemical industry is required for one year
BANGLADESH	Research and development in the field of chemical engineering with special reference to fertilizers and chemicals industry which will provide a base for Industrial Research and Design Development. Plastic Working	Centre for Chemical Technology (proposed)	Expert - 10 for a period of 240 m.m. Training - 350 m.m. Equipment 3000,000	Advise on the Establishment of the Institute, training of local personnel and recruiting the Institute.
BURUNDI	Mise au point d'une formule d'engrais utilisant la tourbe, la chaux, etc.	Demonstration Centre for Plastic Processing (UNDP Project)	Expert 42 m.m. Training 10 m.m. Equipment to be decided	Training of technicians in the plastic industry development of dies etc.
DAHOMY	Possibilité d'implantation d'une usine d'engrais	Service de l'Industrie du Ministère de l'Economie	Services d'expert et formation du personnel	Services d'expert pendant 2 mois
ECUADOR	Fertilizantes Nitrogenados Petroquímica en general	Gouvernement du Dahomey CEPE	Etude de faisabilité	Etude de consultants pour 2 mois

INDUSTRIAL SECTOR: FERTILIZERS, PESTICIDES AND PETROCHEMICALS IN DEVELOPING COUNTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
EL SALVADOR	Fertilizantes	FERTICA S.A.	A) Recepción técnica para explicar y administrar en: - química industrial - ingeniería industrial - administración personal. B) Envío técnicos a plantas extr. para conocer mismas áreas y haber prácticas allí.	A) uno o dos técnicos - preparar y administrar el sistema. B) 3 técnicos informados, 2 ingenieros (uno por cada material) por 3 a 4 semanas.
HONDURAS	Fertilizers, Pesticides and Petrochemicals	CONADI - BNP	Experts	Consulting services during 2 months
KHMER REPUBLIC	Mélange des engrais et des pesticides	Société Nationale de Phosphates	Echange d'expérience	Visiting studies
KUWAIT	Petroleum Refinery	Kuwait National Petroleum Company	Widening of experience in processes and operations	Training in refineries for 2 engineers per year; 4 operators every 6 months
LESOTHO	Lube-oil Recycling	Ministry of Commerce and Industry	Provision of expertise and training	Plant start-up, observations and management and on the job training
LIBYA	Possibility of utilization of olive oil press cake in production of fertilizers	G.N.O.F.I.	Feasibility study	

INDUSTRIAL SECTOR: FERTILIZERS, PESTICIDES AND PETROCHEMICALS INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
MADAGASCAR	Fabrication d'engrais, pesticides Petrochimie - Diversification des produits		Services d'experts Visite d'usines Echanges d'informations techniques	
MALAYSIA	Advice on the formulation of guidelines for the petrochemical industry	Federal Industrial Development Authority	As indicated	
PERU	Desarrollo de Productos de Plástico Reforzado para Viviendas (Sanitarios, etc.)	Sector Público (MIT, COFIDE)	Intercambio de experiencias	Observación de Plantas elaboradoras y Consultas de 2 a 4 semanas de duración
RWANDA	Fabrication d'engrais azotés	Ministère de l'Agriculture et de l'Elevage	Aider à la réalisation du projet. Formation de personnel sur place ou par des stages à l'étranger	Un spécialiste en la matière. Trois mois renouvelables.
SRI LANKA	Urea Fertilizer Manufacture of Pesticides	Ministère des Finances et de l'Economie (Département de l'Economie) Ceylon Fertilizer Manufacturing Corporation	idem	idem

INDUSTRIAL SECTOR: FERTILIZERS, PESTICIDES AND PETROCHEMICALS INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
THAILAND	<ul style="list-style-type: none"> - Analysis of Pesticides, control and formulation analysis - Analysis of Petro-chemicals and surface active agents - Rubber and Plastics 	<ul style="list-style-type: none"> Chemistry Division Chemistry Division Chemical Engineering and Industrial Process 	Training	
			Training	
			Training	Expert service 3 - 6 months
UPPER VOLTA			Exchange of experience	
ZAMBIA			Exchange of experience	

INDUSTRIAL SECTOR:

LIGHT INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
AFGHANISTAN	Sugar	Ministry of Finance	Reactivation of Jalaalpur sugar factory	An expert in sugar factory machinery for Jalaalpur
BANGLADESH	Development of jute industry	Jute Industries Development Centre	Experts Followships Equipment	Training of personnel management training quality control of products
	Development of textile industry	Textile Industries Development (UNDP Project RGD/73/012/01/3/1)	Experts Followships Equipment	Productivity, training of managers and technicians, selection of equipment and advice on quality control
BOLIVIA	Asistencia para el desarrollo de industrias basadas en: azúcar, algodón, castaña, goma, café, cacao			
BURUNDI	Mise en valeur des bananes locales, vin de bananes et filiales de bananes	Service de l'Industrie du Ministère de l'Economie	Services d'expert et formation du personnel	Service d'expert pendant 3 mois
	Analyse des eaux de sources thermales afin de leur mise en bouteilles comme eaux minérales	idem	idem	idem

INDUSTRIAL SECTOR: LIGHT INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
CHILE	Curtiembre	CORFO. División Industrias del Cuero y Calzado	Envío de Expertos	2 - 3 meses
DAHOMY	Industrie Textile: Technique de fabrication Industrie Alimentaire: Technique de fabrication Industrie du Cuir: Implantation d'une industrie de cuir.	Industrie Dahoméenne de Textile (IDATEX) Pâte Rio et Brasserie Gouvernement du Dahomey	Echange d'expérience " Etude de faisabilité	Expert pour 1 mois " Equipe de Consultants pour 2 mois
EL SALVADOR	1. Confección 2. Calzado	CIRCA-S.A. ADOC	a) Recepción técnico para capacitación de obreros especializados y mandos intermedios b) Envío técnico p.e. jefe producción, al extranjero para prácticas en planta a) Recepción técnicos para explicar sistemas de producción y sistemas de control de Manufactura b) Visitar plantas extranjeras para intercambiar información y experiencias c) Enviar personal técnico a adiestrarse en plantas extranjeras	a) 1 técnico por 3 ó 4 semanas b) 1 ó 2 técnicos 2 ó 3 semanas a) 1 ó 2 técnicos por un mes b) a convenir c) 5 jefes por un mes

(continues)

INDUSTRIAL SECTOR: LIGHT INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
EL SALVADOR (cont'd)	3. Artículos de piel y cuero	INDUSTRIAS MIKE MIKE, S.A.	Enviar a visitar plantas para conocer métodos y procesos trabajo piel y cuero	2 a 3 técnicos por 2 a 6 semanas
GUYANA	Food processing (all types) leather, glass, Kaolin	Small Industries Corporation and Energy and Natural Resources Ministry (Geological Surveys Department)	Training and exchange of experience	Practical attachment, observation tour and consultation
HONDURAS	Food processing	BNF	Experts	Consulting service up to 2 months
IRAQ	Textile Industry: Production control (quality and quantity), maintenance, work load in spinning, weaving, knitting, and finishing plants using cotton, wool, and man-made fibres Training on food industries	The state companies, the Textile Organization Institute of Food Technology	Expert services, training Visits	Expert services for up to 6 - 12 months. Training courses for up to 6 - 10 participants Observation and consultation on training and programmes. 2 - 3 weeks.

INDUSTRIAL SECTOR: LIGHT INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
KHMER REPUBLIC	1 - Fibres textiles: (Plantation du kénef)	SOKJUTE		Plusieurs visites
	2 - Industries alimentaires: - Plantation de la canne à sucre	SONASUCRE	Visites, 3 bourses	
	- Conservation de poisson et infrastructures portuaires	SONACOP	Visites, 2 bourses	
LESOTHO	Food processing, textile industry	Ministry of Commerce and Industry	Provision of expertise and training	Plant start up, observation and management and on the job training
LIBYA	Textile	G.N.O.F.I.	Management assistance	6 months
	Dairy	G.N.O.F.I.	Production Planning and marketing	Two experts for 3 months
MADAGASCAR	1. Industries alimentaires: - Brasserie et boissons gazeuses	B.D.P.I.	Echanges d'expériences et informations techniques	
	- Conserverie (fruits, légumes, viandes et tomates)		"	
	- Sucrerie		Visite d'usines, échanges d'informations techniques	
	2. Tannerie		Service d'experts	Echanges d'expériences et d'informations techniques

INDUSTRIAL SECTOR: LIGHT INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
NICARAGUA	Alimentos, textiles, cueros etc.	Banco Nacional de Nicaragua	Consultoría	Servicios de Consultores promedio de 18 meses por consultor
PANAMA	Elaboración de jaleas, mermeladas y otra. conservas	Industrias artesanales	Capacitación del personal	Curso de entrenamiento
PERU	<u>Industrias Ligeras:</u> 1. Fabricación de Ampollas de vidrio para Focos y Tubos de vidrio para Fluorescente 2. Fabricación de Tubos de vidrio neutro y Ampollas y Vidrios de uso Farmacéutico 3. Fabricación de Ampollas de Vidrio para Termos 4. Fabricación de Frentes y Conos de Vidrio para Televisión 5. Fabricación de Vajillas de Vidrio tipo Pyrex 6. Fabricación de Vidrio	Sector Público (COFIDE, CONAPS) Sector Público (COFIDE, CONAPS) Sector Público (COFIDE, CONAPS) Sector Público (COFIDE, CONAPS) Sector Público (COFIDE, CONAPS)	Intercambio de experiencias Intercambio de experiencias Intercambio de experiencias " " " " " "	Observación de Plantas de Fabricación y Consultas de 2 ó 4 semanas de duración Observación de Plantas de Fabricación y Consultas de 2 ó 4 semanas de duración " " " " " "

(continues)

INDUSTRIAL SECTOR:

LIGHT INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED		
			TYPE	SCOPE	
PERU (cont'd)	<u>Industria Textil</u> 7. Asistencia Técnica para aplicar las últimas innovaciones tecnológicas en el campo de Hilatura, Tejeduría y Acabado de Tejidos de Lana	Cooperativas de Producción (EJ: Manufacturas del Centro, Los Andes, Santa-Catalina, Urcoos, Lucre Marangani	Intercambio de Experiencias	Entrenamiento a nivel de técnicos de mando medio, mediante estudios de 3 ó 4 meses en fábricas especializadas. Consultas de 2 ó 3 semanas de duración	
	8. Técnicas en Control de Calidad Textil	Para técnicos del Sector Público y Privado	Cursos de Capacitación	Entrenamiento de 1 ó 2 meses de duración	
	<u>Industrias Ligeras</u> 9. Elaboración de jugos y néctares de frutas tropicales no cultivados en el país	IIA	Asistencia Técnica	12 meses	
	10. Instalación de matederos frigoríficos	IIA	Asistencia Técnica	6 meses	
	11. Planeamiento y desarrollo integral de la industria de alimentos	MIT	Asistencia y Capacitación Técnica	18 meses	
	12. Planeamiento y desarrollo integral de la industria de bebidas alcohólicas y no alcohólicas	MIT	"	12 meses	
	13. Planeamiento y desarrollo integral de la industria del tabaco	MIT	"	6 meses	
	PHILIPPINES	Spinning and weaving mills	Textile Mills Association of the Philippines (TMAP) Philippine Textile Research Institute (PTRI)	Personnel training Technical expertise	

INDUSTRIAL SECTOR: LIGHT INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED		
			TYPE	SCOPE	
SRI LANKA	1. Processing of paddy	Paddy Marketing Board	Expertise to assist Institutions	Consultations and field tours	
	2. Accessories for Textile Industry	National Textile Corporation	Expertise	Technical Assistance	
	3. Designing of Handloom Textiles	Textile Design Centre Government	Exchange of experiences	Technical Assistance	
SYRIAN ARAB REP.	1. Wine Industry	Union of Food Industries	- Expertise provisions	- 1 year expert services for each	
	2. Sugar "		- Training provision of personnel	- 6 months training courses for up to 15 participants	
	3. Oils "				
	4. Soap "				
	5. Dairy "				
THAILAND	Food packaging and flavouring	Biological Science Division, Department of Science, Ministry of Industry	Training		
	Textile Industries	Textile Industry Division, Industrial promotion Department	Short-term training fellowship	Textile machinery and textile technology (2-3 months)	
	Industrie textile filature	Industrie textile togolaise	Echange d'experience	Visite d'usine	
TOGO					

INDUSTRIAL SECTOR: LIGHT INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	SCOPE
UNITED ARAB EMIRATES	Food and Fish based Industries: Preparing a feasibility study, for a marine products' manufacturing complex. (For freezing Premium Pelagic and demersal fish and some crustaceae especially shrimp, lobsters, crabs and oysters, canning sardines, anchovies, tuna and mackerel fish). Fishmeal can also be produced on marine by-products.		Preparation of a feasibility pre-investment study prior to execution of project on sound economic basis, utilizing the under-exploited marine resources	Experts may be deputized for six months to undertake this work
UNITED REPUBLIC OF TANZANIA	- Textiles - Food Industries - Leather Industries	TEXCO TANNERIES (NDC)	Help in setting up research and training institute. Experts to participate in improvement of production processes; preparation and or assisting in evaluation of new projects and implementation thereof.	Exchange of experience Exchange of experience
UPPER VOLTA	Light Industries			
ZAMBIA				

INDUSTRIAL SECTOR:

GENERAL INDUSTRIAL TECHNIQUES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	TYPE	ASSISTANCE NEEDED	SCOPE
EL SALVADOR	Artes Gráficas y Envasado	"Cajas y Boisas"	<p>Envío técnicos a visitar empresas y a realizar prácticas en preparación de tintas</p> <p>- manejo máquinas de impresión</p>		<p>2 o 3 técnicos por dos meses aproximadamente</p>
IRAQ	Food canning	Processing plants	Exchange of experience	Observation and consultation 3-4 weeks	
NICARAGUA	Envases, diseño industrial, etc.	Banco Nacional de Nicaragua	Consultoría	Servicio de consultores, promedio de 12 meses por consultor	
SHRI LANKA	Designing of Pro-types for Export	Government - National Design Centre	Expertise and Exchange of Experiences	Technical Assistance	
SYRIAN ARAB REP.	Food Canning Industries	Union of Food Industries	<p>- Expertise</p> <p>- Training of Personnel</p>	<p>- 1 year expert services</p> <p>- 3 months training courses for up to 15 participants</p>	
THAILAND	Industrial Design Furniture Design (Advance)	Industrial Service Division, Industrial Promotion Department	Exchange of Information Training	for 3-6 months	
UPPER VOLTA			Exchange of experience		

INDUSTRIAL SECTOR: INDUSTRIAL INSTITUTIONS

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	TYPE	ASSISTANCE NEEDED
AFGHANISTAN	1- Standardization and Quality Control	Ministry of Mines and Industries	3 Officers to visit a standardization and a Quality Control Institution for study and exchange of views	Consultations for 3 weeks
ALGERIA	2- Industrial Research	Ministry of Mines and Industries	- to study latest researches on industrial techniques	One fellowship for 2 years in any country with good research programme
	1- normalisation 2- contrôle de qualité pour l'industrie de la conserve et, d'une manière générale, l'industrie alimentaire	Société Nationale d'Etudes et de Réalisations Industrielles	- Services d'experts - Echanges d'expérience	
BANGLADESH	- Institutional facilities - Testing	Bangladesh Standard Institute Central Testing Laboratory	Expert-48 m/m Training 60 m/m Experts-48 m/m Training 120 m/m	Standardization of product and quality control Testing of industrial raw materials for chemical products
CHILE	Normalización Metrología	Instituto Nacional de Normalización (INN)	Envío de expertos	2 - 3 meses

INDUSTRIAL SECTOR: INDUSTRIAL INSTITUTIONS

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
DAHOMY	1- Recherche industrielle	Chambre de Commerce et de L'Industrie du Dahomey	Echange d'expérience	Expert pour 1 mois
	2- Chambre d'Industrie Proposition de réorganisation			
	3- Incentivos a la creación de Empresarios			
ECUADOR	1- Dirección Económica	Ministerio de Finanzas CENDES CENDES	Intercambio de experiencia " "	1 consultor 3 meses
	2- Licenciamiento y Subcontratación			1 consultor 3 meses
	3- Incentivos a la creación de Empresarios			1 consultor 3 meses
EL SALVADOR	Cooperativas Industriales	INSAFOCOOP Cooperativas Asociadas	Enviar a visitar organismos similares para conocer su organización y problemática	3 técnicos en cooperación por 1 o 2 meses
	Standardization, quality control, chambers of industry patents and licensing	ANDI, Dirección General de Industrias	Experts	Consulting services up to 2 months
LESOTHO	1- Industrial Research 2- Standardization and Quality 3- Control and Metrication	Ministry of Commerce and Industry	Exchange of experience	Observations and attachment of staff for training

INDUSTRIAL SECTOR: INDUSTRIAL INSTITUTIONS

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
LIBYA	1- Industrial Research	Industrial Research Center I.R.C.	Researchers	2 to 4 months
	2- Quality Control for Equipment of Laboratories		<ul style="list-style-type: none"> - Service d'experts - Visite d'usines - Echanges d'informations techniques - Formation de personnel 	
MADAGASCAR	1- Recherches Industrielles	B.D.P.I.	<ul style="list-style-type: none"> - Service d'experts - Formation de personnel 	
SRI LANKA	2- Normalisation, contrôle de la qualité	C. I. S. I. R.	Expertise	Technica. Assistance
	Transfer of technology and Industrial Research			
SYRIAN ARAB REPUBLIC	Quality Control	Management Development and Productivity Centre (NDPC) Industrial testing and research centre	Training provision	3 weeks training course for up to 2 participants
	Plastic moulding and testing Rubber goods production and testing		Expertise provision	6 months expert services for each
TOGO	Contrôle de l. qualité	Direction de l'industrie	Stage de formation	Contrôle de qualité des produits destinés à l'exportation

INDUSTRIAL SECTOR: INDUSTRIAL INSTITUTIONS

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
UNITED ARAB EMIRATES	Standardisation and Quality Control of Food and Food Products	Ministry of Finance and Industry	Setting standards for UAE and a quality control laboratory for Food and Food Products	One year deputation of expert for organising and training the UAE staff
UPPER VOLTA			Exchange of experience	Exchange of experience
ZAMBIA			Exchange of experience	Exchange of experience

INDUSTRIAL INFORMATION

INDUSTRIAL SECTOR:

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
AFGHANISTAN	Dissemination of industrial information and setting up of an Industrial Information Unit	Ministry of Mines and Industries	An expert in Industrial Information Services to visit Afghanistan	For 3 months, immediately
	Study of Industrial Information Services in other countries	Ministry of Mines and Industries	2 officers from Afghanistan to visit 3 countries	1 week in each country
ALGERIA	Fichier de l'Industrie Nationale	S.N.E.R.I.	Services d'Experts (spécialistes en traitement de l'information) et échange d'expérience	3 missions de 2 mois - 1 expert
BURUNDI	Organisation de service dans une Institution de Promotion industrielle	Service de l'Industrie du Ministère de l'Economie	Services d'expert et formation du personnel	Services d'expert pendant 2 mois
CHAD	information industrielle (toutes industries)	- Direction du Plan (industrie)	Informations industrielles	
	informations sur les entreprises: -nom et adresse -produits fabriqués -capacité de production maximale	- Bureau de Promotion Industrielle		

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INDUSTRIAL SECTOR: INDUSTRIAL INFORMATION

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
CHAD (cont'd)	- Région de consommation des produits de l'Entreprise - Prix des produits sortie usine T.T.C.			
CHILE	1-Organización de sistemas estadísticos industriales 2-Modelos cuantitativos para elaboración de proyecciones en el sector industrial	Gerencia de Planificación de CORFO	Servicios de expertos	6 meses
DAHOMY	Documentation: Information sur les Centres Promotion	Centre d'Etude et de Promotion des entreprises dahoméennes (CEPED)	Information	
HONDURAS	Industrial Information	CCTI, BCH	Experts	Consulting services 2 months
LIBYA	Tyre Industry	G.N.O.F.I.	Review of know-how documentation and filing same	3 to 6 months

INDUSTRIAL INFORMATION

INDUSTRIAL SECTOR:

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
RWANDA	Projet: Système national d'information et de documentation industrielles	Ministère des Finances et de l'Economie (Département de l'Economie)	Collaborer à la réalisation du projet	- un documentaliste - trois mois
THAILAND	1. Industrial information and Documentation Centre 2. Packaging Technical Information 3. Furniture Information	Industrial Economics and Planning Division, Ministry of Industry Industrial Service Institute, Industrial Promotion Department Industrial Service Institute, Industrial Promotion Department	Acquisition of expertise and training of personnel 1. Information Materials 2. Training in Industrial Information 1. Painting Materials 2. Machines for furniture manufacturing 3. Modern techniques	Expert services: Data Processing, Documentation and Information Services for up to 24 months; 9 months training course for up to 2 participants
UPPER VOLTA	Industrial information service		Exchange of experience	

INDUSTRIAL SECTOR:

INDUSTRIAL MANAGEMENT AND CONSULTING SERVICES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
BANGLADESH	Consultancy	National Consultancy Institute (proposed)	Experts: 5 experts 120 m m Training: 120 m m Fellowships: 10	Public sector consultancy, feasibility studies, design of public buildings and workshops and other consultancy services
BURUNDI	Organisation de gestion dans 2 ou 3 entreprises locales	Mécarudi, Ferusa, Famétal	Services d'expert et formation du Personnel	Service d'expert pendant 2 mois
CHILE	Gestión de empresas industriales del Estado	Gerencia de Empresas de CORFO	Servicio de Expertos	6 meses
DAHOMY	Formation des petits industriels nationaux	Centre d'études et de promotion des entreprises dahoméennes (C.E.P.E.D.)	Service d'experts et formation de personnel	Services d'experts 2 mois par an ou plus Stages de formation: 2 mois pour 10 participants au plus
ECUADOR	Desarrollo Gerencial y de personal administrativo	Centro de Ejecutivos de Guayaquil "CEFE" Comisión de Valores - Corporación Financiera Nacional		

INDUSTRIAL SECTOR:

INDUSTRIAL MANAGEMENT AND CONSULTING SERVICES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
EL SALVADOR	Productividad y consultoría industrial	C.E.N.A.P.	Visitar organismos similares extranjeros para intercambiar información y experiencias	100 personas (Ejecutivos o técnicos por unas dos semanas
HONDURAS	Industrial Management and Consulting Services	CCTI	Experts	Consulting services, 2 months
KUWAIT	Supervisory and Management Training	Kuwait National Petroleum Co.	Widening of experiences	4 participants, 1-2 months each
LESOTHO	Operation of Services	Ministry of Commerce and Industry	exchange of experiences	Observation and staff training
LIBYA	Glass and Glassware Factory	G.N.O.F.I.	Management	3 - 6 months
MADAGASCAR	Gestion industrielle et services consultatifs: - Formation de personnel - Assistance à la gestion	B.D.P.I.	- Formation de personnel - Service d'experts	

INDUSTRIAL SECTOR:

INDUSTRIAL MANAGEMENT AND CONSULTING SERVICES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
SYRIAN ARAB REPUBLIC	Work Study	Management Development and Productivity Center (MDPC)	Training Provision and consultancy services	3 months training course for up to 2 participants
THAILAND	Management Training and Consulting	Thailand Management Development and Productivity Centre, Industrial Promotion Department	Experts	Give lectures and train TMDPC staffs
UPPER VOLTA			Exchange of experience	
ZAMBIA			Joint consulting schemes	

INDUSTRIAL SECTOR: SMALL-SCALE INDUSTRIES AND RELATED ACTIVITIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
BURUNDI	Organisation des réunions des responsables de l'Industrie pour discuter les différentes difficultés rencontrées et bénéficier des expériences des autres	Service de l'Industrie du Ministère	Services des experts	Services des experts 1 mois par an
CHILE	Promoción y asistencia a la pequeña industria y artesanado	SERCOTEC	Servicio de expertos	6 meses
GUYANA	Textiles, Ceramics and timber products	Small Industries Corporation Ministry of Energy and Natural Resources (Forestry)	Training and exchange of experience	Practical Attachment, observation tours and consultation
HONDURAS	Small-scale Industries	CCTI	Experts	Consulting services, 2 months
LESOTHO	Operation of Services	Ministry of Commerce and Industry (BEDCO-)	Exchange of experiences	Observation and attachment of 1 or 2 staff for training
MADAGASCAR	Petites industries connexes Organisme d'études et de promotion de Projets	B.D.P.I.	Echanges d'informations et d'expériences	

INDUSTRIAL SECTOR:

SMALL-SCALE INDUSTRIES AND RELATED ACTIVITIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
NICARAGUA	1. Pequeñas Empresas 2. Pequeñas empresas Prendas de vestir Imprentas y editoriales	Instituto de Fomento Nacional Apartado 629, Managua Banco Nacional de Nicaragua	Cambio de experiencia Suministro de consultores	Servicios de Expertos Servicio de consultores, promedio de 15 meses por consultor
PERU	Pequeña Industria	Oficina de Pequeña Empresa, Ministerio de Industria y Turismo	Servicios de Expertos en fomento a la Pequeña Empresa y Asistencia Técnica -Expertos en mercadeo sistemas de financiamiento -Expertos en Organización de Agrupaciones de Empresas -Investigadores en Tecnología Intermedia -Capacitación de personal empresario -Expertos en Métodos de Racionalización - del trabajo y en Productividad	Servicios de experto por 3 y 4 meses al año; seminarios y cursos de capacitación de 1 mes dos a tres veces al año con un máximo de 20 participantes por vez.
PHILIPPINES	Technical assistance to small-scale industries	Department of Industry	Exchanges of experience, experts	Conferences, observation of processing plants and consultations of up to one month duration

INDUSTRIAL SECTOR: SMALL-SCALE INDUSTRIES AND RELATED ACTIVITIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
SENEGAL	<p>1. Stage de trois mois dans un Domaine Industriel d'une petite (étude de l'organisation et de la gestion du domaine)</p> <p>2. Stage de quinze jours dans un organisme de promotion qui a déjà mis en place une méthode de racnat de moyennes entreprises étrangères au bénéfice des nationaux</p>	<p>un Domaine Industriel d'une petite (étude de l'organisation et de la gestion du domaine)</p>	<p>agglomération urbaine</p>	
SRI LANKA	<p>1. Modernisation of the Handicraft Industry</p> <p>2. Marketing of Handicrafts and small-scale industries</p>	<p>Department of Small Industries</p> <p>Department of Small Industries</p>	<p>Expertise</p> <p>Expertise</p>	<p>Technical Assistance</p> <p>Technical Assistance</p>
THAILAND	<p>Small-scale industries:</p> <ul style="list-style-type: none"> - Training methodology - Industrial Technology 	<p>Industrial Service Institute, Industrial Promotion Department</p>	<p>Training of personnel information.</p>	<p>3 months training courses</p>
UNITED ARAB EMIRATES	<p>Small-scale Industries:</p> <p>Production of speciality marine products (utilising fish and crustaceae) and vegetable and fruit products</p>		<p>Organising the training cum production centre for training local UAE personnel in starting small scale industry</p>	<p>Expert may be required for one year</p>
UPPER VOLTA	<p>Establishment of small-scale industries</p>		<p>Exchange of experience</p>	
GAMBIA			<p>Exchange of experience</p>	

INDUSTRIAL SECTOR:

INDUSTRIAL PROGRAMMING

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
AFGHANISTAN	Study Tours	Ministry of Mines and Industries	To study Industrial development in its varied aspects	Visit of the President and Vice President, Industrial and President, Planning, to India, Pakistan and Iran to study current industrial development programmes for a period of 2 - 3 weeks
DAHOMY	Elaboration des projets	Gouvernement	Expert industriel	Expert industriel se charge de conseils
GUYANA	Project Planning (including identification, preparation and implementation)	Ministry of Economic Development and Small Industries Corporation	Training	Theoretical and Practical Attachment
HONDURAS	Industrial Programming, Project Planning and Policies	CSPE	Experts	Consulting Services 1 month.
LESOTHO	Industrial Development	CPDC/Ministry of Finance	Exchange of experience	Observation and attachment of 1 or 2 staff for training.
LIBYA	Industrial Policies	G.N.O.F.I.	Relative expertise	3 - 4 months

INDUSTRIAL SECTOR:

INDUSTRIAL PROGRAMMING

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
PERU	Planificación de proyectos industriales; Evaluación de proyectos Agroindustriales	M I T	Technical Consultancy	6 mos
RWANDA	Techniques industrielles générales : Techniques de fabrications industrielles mieux adaptées aux conditions locales	Ministère des Finances et de l'Economie (Département de l'Economie)	- apport d'expérience ou services d'experts - formation de personnel sur place ou par des stages à l'étranger	Un ou plusieurs spécialistes - mais renouvelables
SYRIAN ARAB REPUBLIC	Industrial Planning	Planning Directorate	Training, Provision of personnel	1 year training course for up to 2 participants
THAILAND	Project identification and project development	Office of the Board of Investment	Provision of expertise and training of personnel	Expert service: 24 man. Training: 2 fellows for 12 months each; 2 fellows for 6 - 12 week training 120 man/4 yrs
TOGO	Project Planning on the Development of Potential Industries	Ministry of Industrial Planning Division, Industrial Promotion Department	Training	3 mois
UPPER VOLTA	Programmation industrielle	Ministère du Plan	Consultations Exchange of experience	

INDUSTRIAL SECTOR: INDUSTRIAL FINANCING AND INVESTMENT PROMOTION

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	TYPE	ASSISTANCE NEEDED	SCOPE
AFGHANISTAN	1. Training of personnel in industrial financing and investment promotion 2. Establishment of Joint Ventures	Ministry of Mines and Industries Ministry of Mines and Industries	Training of personnel To conduct personnel negotiations in neighboring countries	10 fellowships in India for 1 year each Some joint ventures are in the process of investigation. The President of Industries must visit the countries with which negotiations are likely. This will involve a visit to India, Pakistan, Iran and Kuwait for one week each	
HONDURAS	Industrial Financing and Investment Promotion	CONADI - BNF	Experts	Consulting services, 2 months	
LESOTHO	Promotion of foreign investment	L.N.D.C. and Lesotho Bank	Exchange of experiences	Consultations of 1 to 2 weeks	
PERU	Financiamiento de la pequeña empresa	Oficina de Pequeña Empresa, Ministerio de Industria y Turismo	Experto en financiamiento y Sistemas Especiales de financiamiento para la pequeña industria	Servicios de expertos hasta por 6 meses al año (UNO o DOS expertos)	

INDUSTRIAL SECTOR: INDUSTRIAL FINANCING AND INVESTMENT PROMOTION

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
SRI LANKA	Credit financing of small scale industries and handicrafts	Office of the Board of Investment	Provision of expertise and training of personnel	Expert service: 24 man/months Training: 1 fellowship for graduate study 12 Years - 2 fellowships for 3 week study tour
THAILAND	Investment Promotion Activities	Small Industries, Finance Office, Industrial Promotion Department	Exchange of experiences	Observation of financial institutions concerned of 4 - 5 weeks duration
UPPER VOLTA	Machinery Hire Purchase, Credit Guarantee, Investment		Exchange of experience	
ZAMBIA	Industrial Financing and Investment Promotion		Exchange of experience	

INDUSTRIAL SECTOR:

PROMOTION OF EXPORT-ORIENTED INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
HONDURAS	Promotion of export-oriented industries	Dirección General de Comercio Exterior	Experts	Consulting services, 2 months
LESOTHO	Export Development	Ministry of Commerce and Industry	Exchange of experiences	Consultations of 1 to 2 years
NICARAGUA	Transformación industrial de materias primas nacionales para exportación	Instituto de Fomento Nacional, Apartado 29, MANAGUA	Experts in Experience	Services in Experience
SRI LANKA	1. Free Trade Zone-Export Processing Industrial Estates 2. Assistance in setting up (a) Export-oriented industries (b) Subcontracting facilities	Ministry of Industries	Expertise provided by others	
SYRIAN ARAB REPUBLIC	Export Market Survey	Marketing Directorate	Expertise provided by Training Institution personnel	3 months expertise services 3 months training course for up to 2 participants
THAILAND	Development of Industrial Export Processing Zone	Ministry of Industry, Planning, Trade and Industrial Promotion Department	Training course	6 months for 10 participants

INDUSTRIAL SECTOR: PROMOTION OF EXPORT-ORIENTED INDUSTRIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
TURKEY	Export-oriented Industries, International Subcontracting	Ministry of Industry and Technological	Coordinate for country Carry identification of certain industries; Formulation of government policies and expert services on the related subjects	
UPPER VOLTA			Exchange of experience	
ZAMBIA			Exchange of experience	

INDUSTRIAL SECTOR:

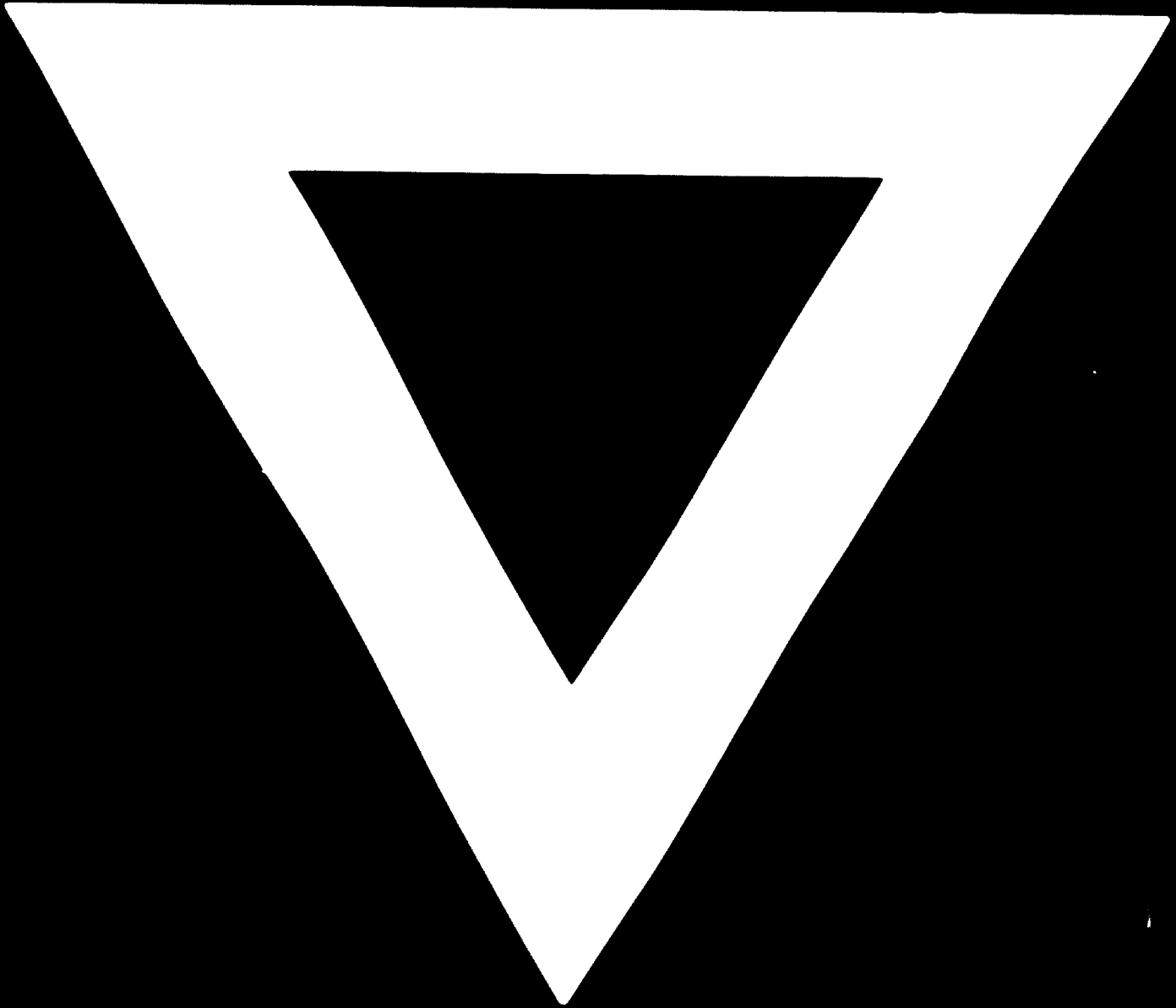
Manufacturing and mining

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
AFGHANISTAN	Feasibility Studies	Ministry of Mines and Metallurgy	Technical assistance in the field of: - Feasibility studies - Design - Construction - Operation - Maintenance - Safety - Environmental protection	For the development of the mining sector
BOLIVIA	Assistance for the development of an inventory of industrial enterprises and existing enterprises	Ministry of Mines and Metallurgy	Technical assistance in the field of: - Inventory of industrial enterprises - Existing enterprises	
CHILE	Estudio de proyectos específicos a determinar	Departamento de Minería (D.M.)	Technical assistance in the field of: - Study of projects - Determination of specific projects	
DEMOCRATIC REPUBLIC OF CONGO	Etude industrielle	Ministry of Mines and Metallurgy	Technical assistance in the field of: - Industrial study	For the development of the mining sector
GUINEA	Distribution of construction materials	Ministry of Mines and Metallurgy	Technical assistance in the field of: - Distribution of construction materials	For the development of the mining sector

INDUSTRIAL SECTOR: INDUSTRIAL STATISTICS AND STUDIES

COUNTRY	SPECIALIZED SUB-SECTOR	INSTITUTIONS, FIRMS OR ASSOCIATIONS REQUIRING ASSISTANCE	ASSISTANCE NEEDED	
			TYPE	SCOPE
HONDURAS	Industrial Survey and Studies	ICE, Direction Generale de Estadística Central	Survey	Industrial productivity
LIBYA	Industrial survey feasibility studies	Industrial Research Center	Relative Expertise	Industrial productivity
SENEGAL	Etudes industrielles (liste des études faites, avec possibilité d'obtenir tout ou partie de certaines études			
THAILAND	Industrial Survey Techniques	Planning Division, Industrial Promotion Department	Training	Industrial productivity
TOGO	Enquêtes sur : Industrie de transformation minière (verrerie, céramique, industrie de ciment), pesticides, Industries d'emballage métalliques	Direction Générale du Plan et du Développement	Consulting	Industrial productivity

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