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for a sustainable future

OCCASION

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INDUSTRIAL DEVELOPMENT ORGANIZATION

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**DIRECTORY OF
INDUSTRIAL INFORMATION SYSTEMS
AND SERVICES***

PREPARED BY

INDUSTRIAL INFORMATION SECTION
INTERNATIONAL CENTRE FOR INDUSTRIAL STUDIES

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PREFACE

UNIDO has been engaged in activities relating to industrial and technological information, the latest development of which is the establishment of an Industrial and Technological Information Bank (INTIB), under a broad mandate to operate as a clearing house for industrial information for the benefit of developing countries, in particular to provide a greater flow of information permitting a better choice of advanced and other appropriate technologies.

The development of such a programme from UNIDO's base in Vienna has also been associated with a technical assistance activity aiming at the establishment or the adaptation of industrial information facilities in developing countries, to provide information and advice for industrial planning and operation in the countries, as correspondents to international information and advisory structures such as those offered by UNIDO. The orientation advocated for such national information and advisory structures is to include extension and advisory services, rendered by engineers with a broad technical and economic experience drawn from professional experience in industry.

The United Nations are engaged in a process of interlinkage and "networking" between information systems and services provided by the various organizations making up the United Nations "family" of organizations, and those specialized information centres in all countries that are their correspondents. This is the reason why the Inter-Organization Board for Organization Systems issued in 1978 a Directory of United Nations Information Systems and Services, including under the heading of UNIDO some details of the operation of its pre-existing industrial information activities under the acronym INDIS and of the operation of the Industrial and Technological Information Bank under the acronym INTIB. Under the headings of each member of the United Nations, the name of one industrial information center or facility within some institution at the service of industry is indicated with no further details than its name and address, as being the correspondent of UNIDO.

To follow up on this, and with a specific interest in providing more information on those centers dedicated to the provision of information and advice to industry, a questionnaire was sent out by UNIDO for the purpose of identifying as many such centers as possible and obtaining from them detailed information on their capability. The purpose is similar to that for which UNIDO has been publishing Guides to Information Sources relevant to 31 sectors of industry to date, namely to facilitate those interested in developing their own international linkages.

The present Directory of Information Systems and Services for industry is offered herewith as a draft in a simple presentation with a request to those who will receive it, kindly to comment on the usefulness of turning it into a formal publication for distribution through the sales channels of the United Nations, and also to comment on contents, in particular as to entries concerning their own organization, as well as in respect of institutions known to them that should be included in new issues.

Roch T. de Mautort
Chief
Industrial Information Section

INTRODUCTION

Rapid industrialization throughout the world and the increasing acceptance of the need for the promotion of industry among the developing countries has led to co-operation among nations in various geographical areas with a view to promoting industrial development and productivity. Co-operation includes the exchange of information on all activities pertaining to industries, through government organizations, research centres, information centres, etc. Often the channels of information are known to nations of a particular region but not to those outside. This Directory is intended to enable the identification of these centres.

The entries are alphabetically arranged by countries and are designed to provide the essential information for initial inquiries. The large-scale computerized data banks, however, have not been included. The nature and scope of the services provided to industry by the organizations listed vary. It is by no means complete, and the information on the different centres is still being received. These would be included in the final publication.

We welcome proposals for corrections, additions and improvements which would assist in exchange of information between countries.

We acknowledge the co-operation extended to us, by the different organizations of the countries.

**RELATED
INTERNATIONAL
ORGANIZATIONS**

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION (UNIDO)
INDUSTRIAL INFORMATION SERVICE (INDIS)
P.O. Box 707
A-1011 Vienna
Austria

Tel.: 43 500

Cable: UNIDO

Telex: 75612

The objective of the UNIDO Industrial Information Service (INDIS) is to assist developing countries with the provision of industrial information; to serve the needs of industrial planners, managers and engineers with information relating to all the technological, managerial, and economic aspects of industrial development through the operations of an industrial inquiry service, the dissemination of printed information material and access to knowledge contained in documents generated in UNIDO or obtained from various sources, as summarized in the computerized industrial development abstracts; to assist in the development of facilities and media for industrial and technological information and to supplement the capacity of existing industrial and technological information services at a national, regional and international level to serve the information needs of industry.

Provides coverage for information on engineering and technology in English, French and Spanish. Information sources include monographs, serials, reports, standards, dissertations, proceedings, trade catalogues, audio-visual material, laws and regulations, unpublished documents. 7,400 abstracts available to system; 1,200 added in last year. Back-up literature maintained in UNIDO Library, partly in microform: 150,000 items included; 17,000 added in last year. Has its own thesaurus.

Services include question and answer service, regular publications, a computerized roster of consultants and a mailing list of correspondents; supplementary services include searches on request, SDI, on-line services between Vienna and Geneva where abstracts are stored, occasional training in use of system.

Publishes "UNIDO Guides to Information Sources", each issue covers a branch of industry considered to be of primary concern to developing countries in English, French, Russian, Spanish, issued 6-8 times a year. Price on request. "UNIDO Newsletter" in Arabic, English, French, Russian, Spanish, issued once a month. Cost free. "Industrial Development Abstracts" contains abstracts of UNIDO documents and meeting papers, in English; author, subject indexes cumulated, issued 4-6 times a year. Price on Request. "Calendar of Meetings, Fairs and Exhibitions", in English, issued twice a year. Cost free.

"New Books in the UNIDO and IAEA libraries" original language title maintained, issued once a month. Cost free. "Film News Notes" provides information on audio-visual material available for industrial information purposes.

Contact points have been established all over the world as detailed in the Directory of United Nations Information Systems and Services.

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION (UNIDO),
INDUSTRIAL AND TECHNOLOGICAL INFORMATION BANK (INTIB)
P.O. Box 707
A-1011 Vienna
Austria

tel.: 43 500

Cable: UNIDO

telex: 75612

The objective of the Bank is to select, process and assess technological information provided from sources within UNIDO as well as from worldwide sources of specialized knowledge, in order to provide decision makers in developing countries with a reliable and comprehensive basis for making appropriate technology selection at the planning stage of new investments in industrial development. It has been operational since 1978. Pilot phase since July 1977.

Provides coverage for information on engineering, technology and technical resources. Information is available in English, French and Spanish.

Information sources include monographs, serials, reports, standards, dissertations, proceedings, trade catalogues, audio-visual material, laws and regulations and unpublished documents. Back-up literature: maintained in UNIDO library, partly in microform: 150,000 items included; 17,000 added in last year.

Regular services include bibliographies, indexes, technological profiles, searches on request, question and answer service, technology and information advisory services on request. The target users are transfer of technology centres, specialized technological institutes and member states.

Contact points have been established throughout the world, as detailed in the Directory of United Nations Information Systems and Services.

FEDERATION INTERNATIONALE DE DOCUMENTATION (FID)
FID/INTERNATIONAL COMMITTEE ON INFORMATION FOR INDUSTRY
(FID/II)

Secretariat: Dansk Teknisk Oplysningstjeneste
Ørnevej 30
DK-2400 Copenhagen NV
Denmark

Tel.: (01) 10 91 95

Cable: Dantekop

Telex: 15324 dto dk

The aim of the FID/II is to establish an international professional forum for gathering, evaluating and exchanging ideas, methods and means on how to identify and how to meet effectively the needs for technological information of the end-users in enterprises within the private and the public sector.

FID/II seeks to realize the aims through the establishment of a structure for networking of professionals working in responsible positions in technological information services for and within industry. In order to reinforce the networking structure it has established national and regional committees.

As a means of promoting the networking structure and the exchange of information among members FID/II publishes a newsletter highlighting the activities of the regional and country committees and FID/II. Emphasis is placed on the exchange of views of the experiences of projects undertaken in the different countries.

Close co-ordination of work exists between the other committees of FID. Linkages have also been established with UNIDO, UNESCO, SELA (Latin-American organization for co-operation).

INTERNATIONAL PATENT DOCUMENTATION CENTRE (INPADOC)
Möllwaldplatz 4
P.O. Box 163
A-1011 Vienna
Austria

The primary objectives of INPADOC are the identification of patent documents (PPG) as being connected by a common priority claim under the Paris Convention, the identification of patent documents connected by a common symbol of the International Patent Classification (IPC).

Patent document is used to designate published patents, inventor's certificates and utility certificates on a world-wide scale. Coverage is provided for inputs from Argentina, Australia, Austria, Belgium, Bulgaria, Canada, Cuba, Cyprus, Czechoslovakia, Denmark, Egypt, Finland, France, German Democratic Republic, Federal Republic of Germany, Hungary, Ireland, Israel, Italy, Japan, Kenya, Luxembourg, Malawi, Monaco, the Netherlands, Norway, the Philippines, Poland, Portugal, Romania, South Africa, the Soviet Union, Spain, Sweden, Switzerland, U.K., U.S.A., Yugoslavia, and Zambia.

The services provided by INPADOC are:

- (a) Patent Family Service - the service identifying patent documents connected by a common priority claim under the Paris Convention. This enables the identification and retrieval of patents from different countries which belong to the same 'family'. The Patent Classification System (PCS), which identifies patents connected by a common symbol of the International Patent Classification (IPC).
- (b) The Patent Applicant Service (PAS) - where the patents of a selected number of countries are identified as being connected by a common applicant or owner listed according to the name of the owner.
- (c) The Numerical Data Base Service (NDB) - the service identifying patent documents by their document number, listed according to the country of publication and document number.
- (d) Individual Requests for Family Service (IRF) - on the basis of a certain number of bibliographic data supplied by the user, information is provided on countries in which the same application for a patent has been filed.
- (e) INPADOC also offers a patent document copy service.

Publishes the INPADOC Patent Gazette (IPG). Has published a microfiche containing SNS (Selected Numerical Service, the SCS (Selected Classification Service) and SAS (Selected Applicant Service)

Has linkages with Patent Offices in other countries, WIPO, UNIDO.

WORLD FEDERATION OF ENGINEERING INFORMATION (WFEO)
WFEO/COMMITTEE ON ENGINEERING INFORMATION (WFEO/CEI)
Secretariat: 19, rue Blanche
F-75009 Paris
France

Tel.: 526, 34, 82

Cable: INGE CIVILS - Paris Telex: 270, 105 F
EXTRA ref. 808

The Committee was established in 1967. The objective of WFEO/CEI is to improve the techniques of communicating engineering information, to identify deficiencies in the communication and provides means for remedying these. It has a special interest in programmes designed to improve the transfer of engineering information to developing countries. It consists of engineering information experts and WFEO/CEI aims at providing a forum for international co-operation in the engineering information field. It also aims at the generation of engineering information for managers and decision makers.

The scope of its activities include scientific and technical, economic, commercial, demographic and legal information. However, emphasis is laid on scientific and technical information. A wider coverage is justifiable due to the wide scope of engineering functions such as research, design, products development, purchasing, management, etc.

WFEO/CEI provides advice and assistance to developing countries, wherever possible, and works closely with international organizations. It is also concerned with industrial development. It sponsors seminars on engineering information and has also undertaken special studies.

WFEO/CEI co-operates with other international organizations such as International Council for Scientific Unions (ICSU); International Committee on Data for Science and Technology (CODATA); International Standards Organization (ISO); International Electrotechnical Commission (IEC-; UNIDO; FID; and UNESCO.

**NATIONAL
INDUSTRIAL INFORMATION SYSTEMS
AND SERVICES**

ALGERIA

RESEARCH DOCUMENTATION ET D'INFORMATION
Institut National de la Productivité et
du Développement Industriel (INPED)
Service Central de Documentation
Bou Merdis
Algeria

Tel.: 41-31-58

The objective of the institute is the provision of information and assistance to its own staff, national organizations and industrial entrepreneurs on socio-techno-economic aspects of industrialization.

The collection dates from 1968 and coverage is provided for subjects on management and technology related to industry. The collection includes books in French, English and Arabic. Collection consists of monographs, serials, reports and proceedings, dissertations, unpublished documents and trade catalogues.

Provides a bibliographic service, SDI service, question and answer service, reprographic service, advisory services on the use of the system and loan facilities. Its target users are Ministry of Ministry, R and D centres, entrepreneurs and engineers.

Publishes "Diffusion de Informations".

ARGENTINA

CENTRO DE INVESTIGACION DOCUMENTARIA C.I.D.
Organización Central del Sistema de Centros del
Instituto Nacional de Tecnología Industrial
Casilla de Correo 1359 C. Central
1000 Buenos Aires
Argentina

Tel.: 755-3660

Cable: INTI-BAIRES

Telex: Ar 12-1859

The objective of the centre is the provision of industrial and technological information to the staff of INTI and its research centres and industry in general.

Coverage is world-wide for all fields related to science and technology. Collection dates back to 1940. Information consists of monographs,

serials, reports, patents, standards, trade catalogues, etc. and is organized according to the UDC.

Provides a question and answer service, reprographic service, translations, advisory services on the use of the system, bibliographic service and loan facilities. Its target users are Ministry of Industry, Planning Boards, entrepreneurs and industrial engineers.

Has established linkages with CAICYT, Buenos Aires; NTIS, Springfield; INFOTEC-CONACYT, México; CNRS, Paris; British Library Lending Division, Wetherby; Japan Information Centre Science Technology, Tokyo; Deutsches Patentamt, Berlin, BHD; INTEC, Santiago; Library of Congress, Washington; Engineering Societies Library, New York; etc.

BELGIUM

BUREAU DE L'ONUDI A BRUXELLES POUR LA PROMOTION DES TRANSFERTS
DE TECHNOLOGIES ET INVESTISSEMENTS INDUSTRIELS
(UNIDO Office for Transfer and Technology and Industrial
Investment Promotion)

128, Avenue de Tervueren (Bte 3)
B-1040 Bruxelles
Belgium

Tel.: 734.46.82
734.20.93

Cable: UNIDO Office
B-1040 Bruxelles

The centre serves as an international registry and has as its objective the dissemination of evaluated information pertaining to industry. Provides information on finance and negotiation and contractual agreements. The scope of its activities include more than the dissemination of information to industry.

Provides coverage for all UNIDO documents in the different sectors including energy and transport. Information is available in English, French and Spanish.

Provides a question and answer service.

Linkages have been established with OECD, the British Ministry of Overseas Administration; Commission des Communautés Europées; C.A.D.; Administration Générale de la Coopération au Développement; Centre de Développement Industriel; Bureau l'ONUDI à Milan et Zürich; British Overseas Board of Trade; Confederation of British Industries; Ministère de l'Industrie; Ministère de la Coopération; Caisse Centrale de Coopération Economique, C.N.P.F.; C.E.C.I.; Antar; V.N.U.; N.C.W. and Ministère des Relations Extérieures.

CENTRE NATIONAL DE DOCUMENTATION SCIENTIFIQUE ET TECHNIQUE
(National Centre for Scientific and Technical Documentation)
4 bd. de l'Empereur
B-1000 Bruxelles
Belgium

Tel.: 2.513.6180

Telex: 21157

The centre has as its objective the provision of information for industrial research, development technological innovations and functions as the focal point for industrial information.

Coverage is provided for chemical and physical sciences, applied sciences, agriculture and medicine. Coverage is world-wide but special emphasis is given to information on Belgium. It has monographs, serials, reports, patents and dissertations. The centre has access to Lockheeds, SDC, INIS, ESANET and DIMDINET.

Provides a question and answer service, bibliographic service, SDI service, on-line service, reprographic, translation services, advice on use of the system and loan facilities.

Publishes brochures on the system.

Linkages have been established with ESANET; DIMDINET; LOCKHEED; SDC; and INIS.

BOLIVIA

CENTRO NACIONAL DE DOCUMENTACION CIENTIFICA Y TECNOLÓGICA
(CNDCT)
Universidad Boliviana Mayor de San Andrés
Casilla Correo 3283
La Paz
Bolivia

Tel.: 356331

The objective of the centre is the provision of scientific and technological information to the government, research institutions and industrial sectors.

Provides coverage for all aspects of science and technology and is world-wide in scope consisting of monographs, reports, serials, patents,

standards, dissertations, trade catalogues and audio-visual material. Information is organized according to the UDC.

Offers SDI services, question and answer service, reprographic service and loan facilities. The target users are R and D centres, Planning Boards, industrial entrepreneurs and managers of industry.

Linkages have been established with National Research Council; IDRC; VITA; and UNIDO.

BRAZIL

CENTRO DE DOCUMENTACAO E INFORMACAO TECNOLOGICA - CEDIN
Instituto Nacional da Propriedade Industrial
Rua Mariz e Barros, 13
20.270 Rio de Janeiro, RJ
Brazil

Tel.: 273-4496

Telex: 22992

The objective of the centre is the provision of information on patents and scientific and technological know-how to engineers, industrial entrepreneurs and government organizations.

Coverage is provided for all aspects of science and technology and Patent information. Patent collection dates back to the beginning of the century. Special emphasis is given to information from U.S.A., Federal Republic of Germany, Switzerland, United Kingdom, France, Australia, Canada and the Soviet Union. Collection consists of monographs, serials, reports, patents and unpublished material. Patent information is organized according to the international Patent Classification and the other information according to the UDC.

Services provided include question and answer service, reprographic service and bibliographic service. Many of the questions are on process technology. The target users are R and D centres and entrepreneurs. The service is not free.

Publishes "Revista da Propriedade Industrial" - weekly, available in Portuguese only.

Has established linkages with Patent Offices in the U.S.A., Germany, France, U.K., Canada, Australia and Switzerland.

BULGARIA

CENTRE FOR SCIENTIFIC, TECHNICAL AND ECONOMIC INFORMATION
IN AGRICULTURE, FOOD INDUSTRY AND FORESTRY (CSTEA)
Ministry of Agriculture and Food Industry
6, Dragon Tsankov Blvd.
Sofia
Bulgaria

Tel.: 665511
662551

The centre has as its objective the provision of information on agriculture, food industry and forestry.

Collection dates back to 1961 and the subject coverage provides for plant breeding, soil protection, veterinary science, agricultural engineering, food industry, forestry and environmental pollution. The system is partly computerized. UDC is used for organization of information. Collection includes monographs, serials, reports, patents, standards, dissertations and audio-visual materials.

Provides SDI services, question and answer service, reprographic service, bibliographic service, current awareness service, translation service, on-line service and loan facilities. Many of these are provided through computer services. Many of the questions are on process technology, equipment, management and productivity. Abstracts are provided for the staff of the organization. Bibliographies are compiled on request. Users are mainly from the R and D centres, related ministries and Planning Boards.

Publications are "Abstracts of Bulgarian Scientific Literature" (quarterly), "In Aid of Agriculture and Forestry Practice" (monthly) and "From Ranking Experience and Adopted Technologies" (quarterly). They are available in Bulgarian, Russian and English.

Linkages have been established with the Central Institute for Scientific and Technical Information; SMEA; AGRIS; FAO; INIS; COMPENDIX; and Commonwealth Agriculture Bureau.

CAMEROON

SERVICE D'INFORMATION ET DE DOCUMENTATION (S.I.D.)
Chambre de Commerce d'Industrie et des Mines du Cameroun
B.P. 4011
Douala
Cameroon

Tel.: 42-28-88
42-36-90

Cable: CHAMCIMA

Telex: 5616 KN

The objective of the centre is collecting, organizing and disseminating information of relevance to industry.

Coverage is provided for all aspects of investment and management of industrial and commercial enterprises. The coverage is international in scope and dates back to 1920s. Collection consists of monographs, serials, reports, proceedings, trade literature and unpublished papers.

Provides a question and answer service, reprographic service and a translation service. A greater part of the inquiries are received from entrepreneurs and international organizations. Stress is laid on the translation and reprographic services because these are primary to dissemination of information among the local population. The target users are officials of the Ministry of Industry, investment and planning boards, R and D centres, industrial entrepreneurs and managers of industry.

Linkages have been established with National organizations, such as SCIEC, GICAM, UDEAC and Chambers of Commerce of other countries.

CHILE

CENTRO DE INFORMACION Y DOCUMENTACION - CI-INTEC
Instituto de Investigaciones Tecnológicas (INTEC/Chile)
Casilla 667
Santiago
Chile

Tel.: 287410

Telex: 40421 CORFO CL

The centre has as its objective the provision of economical, technical and scientific documentation facilities to related institutions and industrial enterprises.

Coverage is provided for all aspects of science and technology, marketing and industrial economics. Special emphasis is laid on Central and Latin-American regions. Collection consists of monographs, serials, reports, patents, standards and trade literature, and is organized according to DDC and UDC.

Provides question and answer service, reprographic service, translation service, advice on the use of the system, bibliographic service and loan

facilities. Its target users are R and D centres, industrial entrepreneurs, engineers and extension offices. The service is not free.

Publishes promotional brochures.

Linkages have been established with FAO; UNIDO; Lockheed Information System; NTIS, U.S.A; TIS, Canada; U.S. Patent Office; and Dr. DVORKOVITS and Associates.

COLOMBIA

CENTRO DE INFORMACION ECONOMICA DE BOGOTA (CIEB)
Cámara de Comercio de Bogotá
Carrera 9^o, no. 16-21, 2^o piso
Apartado Aéreo 24568
Bogotá
Colombia

Tel.: 2849726

The objective of the centre is the acquisition, organization and dissemination of information related to economic development in the Colombian area and promote networking within Colombian Network of Economic Information and Documentation (RESID).

Extensive coverage is provided for all aspects of economic development and transfer of technology. However, emphasis is laid on more recent information. Publications are in Spanish.

Provides reprographic services, bibliographic services, advice on the use of the system and loan facilities. Its main users are investment banks, managers of industry and research centres.

Has established linkages with a large number of related organizations.

SERVICIO ESPECIALIZADO DE INFORMACION TECNICA (SEIT)
SENA-ASTIN
Programa de Asistencia Técnica a la Industrial Metálica (ASTIN)
del Servicio Nacional de Aprendizaje (SENA) - Regional Cali
A.A. 8053
Cali/Valle
Colombia

Tel.: 411455

The centre aims at the provision of technical and marketing information to the small-scale industrial sector.

Coverage is provided for appropriate technology, metallurgy, machine tools, foundry technology, management and productivity, work study, energy and transfer of technology. There is no geographical limitations to the coverage and the collection includes monographs, periodicals, reports and trade catalogues. Preference is given to information which would suit the intermediate scale of enterprises. Information is processed in Spanish.

Provides a question and answer service, reprographic service, bibliographic service and a current awareness service. Many of the inquiries are on process technology and equipment and machinery. The target users are industrial entrepreneurs, engineers and extension offices. The dissemination of the information is considered as extension of technical assistance to the small entrepreneurs.

Publishes a bimonthly bibliographic bulletin.

Linkages have been established with SENA, Colombia; PROEXPO, Colombia; ANDI, Colombia; IRRRI, Philippines; FICITEC, Colombia; GATE, RFA; IIT, Colombia.

SISTEMA NACIONAL DE INFORMACION (SNI)
Fondo Colombiana de Investigaciones Cientificas (COLCIENCIA)
Ministerio de Educación Nacional
Carrera 8, no. 133-28
Apartado Aéreo 051580
Bogotá, D.E.
Colombia

Tel.: 2740660

Cable: COLCIENCIAS

The national information centre has as its objective the provision of documentation and information facilities for all sectors which contribute to national development.

Coverage is provided for industrial technology, agriculture, economics, health, education, environmental activities, political and social sciences and appropriate technology. Collection dates back to 1973 and consists of monographs, serials, reports, patents and trade literature. Information is available in Spanish, and indexing tools are Engineering Thesaurus and Spines Thesaurus.

Provides bibliographic services, current awareness service, question and answer service, reprographic service, abstract service, translation

service, advice on the use of the system and loan facilities. The target users are universities, research centres and industrial entrepreneurs. The service is not free.

Has published a Manual on NPLIS service, Manual on Inter-Library Loan Service and Sistema Nacional de Información, SNI (National Information System).

Linkages have been established with related organizations within the country; UNISIST; UNESCO; UNIDO; CEPLA; Santiago.

COSTA RICA

SISTEMA DE INFORMACION INDUSTRIAL DE COSTA RICA (SIICR)
Consejo Nacional de Investigaciones Cientificas y Tecnologicas (CONICIT)
Apartado 10318
San José
Costa Rica

Tel.: 24 41 72

Cable: CONICIT

The objective of the centre is the provision of information for industrial development.

Covers all aspects related to industrial development, such as food industries, agro-industries, productivity, management, industrial economics, marketing, etc. The collection consists of monographs, serials, reports, patents and standards. The Thesaurus of Engineering and Scientific Terms and the OECD Macrothesaurus are used for the organization of information.

Provides a question and answer service, bibliographic service, advisory services and loan facilities. The target users are the Ministry of Industry, Planning Boards, extension workers, R and D centres, industrial entrepreneurs and engineers.

Linkages have been established with Instituto Tecnológico de Costa Rica, Cartago; Ministerio de Economía, Industria y Comercio (MEIC), San José; Oficina Sectorial de Planificación Industrial (MEIC), San José; Oficina Nacional de Normas y Unidades de Medidas (MEIC), San José; Dirección General de Pequeña Industria y Artesanía, San José; Cámara de Industrias de Costa Rica, San José; and Cámara Nacional de Pequeña Industria y Artesanía, San José.

CUBA

DIRECCION DE INFORMACION CIENTIFICO TECNICA
La Habana
Cuba

The centre has as its objective the provision of information to meet the needs of the States Committee of Economic Co-operation and its enterprises.

Coverage is provided for economic development and planning, industrial development, technology, production and trade and commerce. The collection dates back to 1970 and consists of monographs, serials, reports and trade literature.

Provides bibliographic services, SDI services, reprographic and translation services and loan facilities. Special information profiles are compiled on commercial enterprises. The target users are industrial engineers, officers of the State Committee of Economic Co-operation and other related organizations and commercial enterprises.

CYPRUS

DOCUMENTATION CENTRE
Ministry of Commerce and Industry
Nicosia
Cyprus

Tel.: 40-3441

The centre has as its objective the selection and dissemination of information for industry and trade.

Provides coverage for technical information pertaining to industry and trade information. Includes reports and proceedings, standards, dissertations, laws and regulations, unpublished documents and trade catalogues. Information is organized according to the UDC.

Provides question and answer service, reprographic service, advisory services and loan facilities. Many of the inquiries are on process technology, equipment and machinery, investment opportunities, management and productivity, market intelligence and financial management. The target users are ministry officials, investment banks, extension

officers, R and D centres, industrial entrepreneurs and managers. The service is free.

Publishes the "Cyprus Industrial Journal" (bimonthly) which is available in English.

CZECHOSLOVAKIA

BRANCH INFORMATION CENTRE FOR WELDING
Welding Research Institute
Februárového Vítasstva 71
894 23 Bratislava
Czechoslovakia

Tel.: 396

Telex: 93384

The centre, which is a computerized data bank, has as its objective the provision of information on welding and allied processes, cutting, surfacing, etc.

Provides extensive coverage for this field and collection consists of monographs, serials, reports, patents, trade catalogues and audio-visual material and tapes. Information is organized under the International Decimal Classification, IDC and Welding Thesaurus of IW/IIS.

Provides question and answer service, bibliographic service, reprographic service, current awareness service, translation service, on-line service and loan facilities. Inquiries are from managers of industry, on process technology, equipment and machinery, management and productivity, and investment opportunities. Advisory services are provided on the use of the computerized data system. Services are not free.

Publishes documentation surveys and citation analysis. These are published twice a month in Slovene.

DENMARK

DANSK TEKNISK OPLYSNINGSTJENESTE (DTO)
Ørnsvej 30
DK-2400 Copenhagen NV
Denmark

Tel.: (045) (01) 10 91 95

Cable: DANTEKOP

The objective of the centre is the provision of information with a view to furthering improvements and innovations in Danish private and public enterprises. It pursues a dynamic programme of marketing information to industry.

Coverage is provided for all subjects related to industry. Collection consists of monographs, serials, reports, patents, standards, trade catalogues and unpublished material.

Provides a question and answer service, reprographic service, translation service and advisory service. It has an active information and field liaison service where the technical personnel visit industry uninvited to assess the technical information requirements of industry and offer advice on the development of the enterprise. The target users of the system are Ministry of industry, industrial planning boards, industrial investment banks, R and D centres, entrepreneurs, industrial engineers and managers of industry. Training is provided to staff of prospective industrial information centres. Consultancy services are offered for the establishment of such centres. The service is not free.

Publications are "DTO Statutes of October 1, 1973", "DTO Working Programme 1974-75", "Information Service for Industry - Definitions", "Information Service for Industry - Aims/Functions", "DTO's Structure of Programme", "Assistance Offered by DTO", "HOW does DTO work for your firm?", "The aims, objectives and programmes of information Marketing and Advisory Services for Industry", and "Information Services for industry - A programme on consultation and training".

Publications are available in English.

Linkages have been established with specialized organizations within the country, FID, UNIDO, WFEO, OECD, EEC and about 200 correspondents all over the world.

ECUADOR

SERVICIO DE INFORMACION TECNICA (SIT),
Centro de Desarrollo Industrial del Ecuador (CENDES)
P.O. Box 5833
Guayaquil
Ecuador

Tel.: 307628
308500

Cable: CENDES Guayaquil Telex: 3603 CENDES

The centre has as its objective the provision of assessed and evaluated scientific and technological information to industrial enterprises. It also envisages the development of extension services to industry in order to promote innovations and development in the industrial sectors.

Coverage is provided for agro-based industries, food industries and chemical industries. The collection dates back to 1900 and special emphasis is placed on information on Latin America. It consists of monographs, serials, reports, proceedings, patents, standards, trade literature and unpublished documents and also has access to other data banks. Information is organized according to the UDC and Optical Coincidence Method.

Provides question and answer service, current awareness service, re-programmatic service, training on the use of the system, standard profiles, state-of-the-art reviews, translation service, advisory services and loan facilities. Efforts have been made to introduce an active liaison service where officers visit industry to assess the needs and provide suitable information. The target users are industrial extension offices, R and D centres, industrial entrepreneurs, managers of industry and engineers.

Publishes a monthly bulleting and has also published a report on the "Servicio de Información Técnica".

Linkages have been established with UNIDO, FID, FID/II, OEA and other related organizations within Latin America.

EL SALVADOR

SERVICIO DE INFORMACION Y TRANSFERENCIA TECNOLÓGICA (S.I.T.T.)
Centro Nacional de Productividad
Ave. España 732
San Salvador
El Salvador

Tel.: 22-3191

The objective of the centre is to effect a flow of scientific and technological information to industry and assist in its application in order to increase industrial productivity. It aims at the operation of an active industrial information service.

Coverage is provided for agro-industries, food industries and metallurgy and engineering management and productivity. Collection consists of monographs, serials, proceedings, patents and trade literature. Keywords and Optical Coincidence Method are used for the organization of information. Information is available in Spanish.

Provides a question and answer service, translation service, bibliographic service, an active field liaison service, where officers visit industry to stimulate the demand for information and loan facilities. The target users are industrial investment banks, R and D centres, industrial entrepreneurs, managers of industry and industrial engineers.

Publishes promotional leaflets.

Has established linkages with TPI, London; International Rice Research Institute, Manila; National Technical Information Service, Washington; Georgia Institute of Technology; IDRC, Ottawa; U.S. Department of Commerce; National Academy of Sciences; U.S. Department of Agriculture; and other related organizations within the country.

ETHIOPIA

AFRICAN DEVELOPMENT INFORMATION NETWORK (AFDIN)
P.O. Box 3001
Addis Ababa
Ethiopia

Tel.: 44-72-00

Cable: ECA ADDIS ABABA Telex: 21029

The Network has as its objective the establishment of an integrated system of scientific and technological information for Africa through the collection, organization and dissemination of information which has originated in Africa or is about Africa.

Coverage is provided for all aspects of socio-techno-economic development in Africa. Collection dates back to 1950 and consists of monographs, serials, reports, proceedings, unpublished documents, audio-visual material, dissertations, etc.

Provides bibliographic service, question and answer service, reprographic service, on-line service, advisory service on the use of the system and loan facilities. Many of the questions are on equipment and

machinery, investment opportunities, management and productivity and financial management. The target users are planning boards, investment banks, R and D centres and Ministry of Industry.

Publications are "African Data Bank Newsletter", "African Dossiers", "AFDIN - African Development Information Network" and "UNECA Congress Report on Data Bank".

Has established linkages with UNCTAD and UNIDO.

FIJI

CENTRE FOR APPLIED STUDIES IN DEVELOPMENT (CASD)
University of South Pacific
P.O. Box 1168
Suva
Fiji

Tel.: 27-131 Ext. 332

The system which is under implementation is a library and information analysis centre.

Provides coverage for all subject fields of relevance to industrial sectors of Fiji. The collection consists of monographs, serials, reports and proceedings, trade literature and audio-visual materials. Coverage is from 1976. Organization of information is based on conventional library systems.

Provides a question and answer service, SDI service, reprographic service, translation service and advisory services on the use of the system. The target users are staff of the university, officers of the Development Bank, entrepreneurs and managers of industry.

Has established linkages with the South Pacific Commission, CID, Brussels and aims at the operation of a network with neighbouring islands.

TRADE INFORMATION CENTRE
Ministry of Commerce and Industry
P.O. Box 2118
Suva
Fiji

Tel.: 211627

The system under implementation has as its objective the provision of information for the development of trade.

Its organization is library oriented with monographs, serials, trade catalogues, laws and regulations, reports and unpublished material. Coverage is provided for trade and commerce, pricing, markets, etc. No classification or indexing system has been hitherto adopted.

A question and answer service is operated on a modest scale providing information on equipment and machinery, investment opportunities and markets. The target users are the officers of the Ministry and entrepreneurs. The service is free.

A quarterly journal "TRADE AND INDUSTRY" is a media for dissemination of information.

It has liaison with international organizations such as UNCTAD, UNIDO, SPEC, ESCAP and ITC.

FRANCE

CENTRE DE DOCUMENTATION DE L'INSTITUT FRANÇAIS DU PÉTROLE (IFP)
Institut Français du Pétrole
B.P. 311
92506 Rueil Malmaison CEDEX
France

tel.: 749.02.14

Telex: IFP A 203 050 F

The objective of the centre is the provision of information and documentation services on petroleum, petrochemicals and related fields to societies, organizations, laboratories and individual users.

Coverage is provided for all aspects of prospecting exploitation and production of petroleum, production of petrochemicals, utilization of geothermal energy, heat transfer techniques and conservation of energy, coal gasification, transfer of technology in the field of petrochemicals, industrial and development economics and information science.

There is no geographical limit for coverage and the collection consists of monographs, serials, reports, patents, standards, dissertations, trade literature and unpublished documents. Collection also includes microfilms. Much of the literature is in French.

Provides SDI services, question and answer service, reprographic service, translation service, advisory service, current awareness service,

bibliographic services and advice on the use of the system. The service is not free. Its main users are Ministry of Industry, Planning Boards, Investment Banks, extension offices, R and D centres, engineers, managers of industry and entrepreneurs. The main inquiries are on production technology, machinery and equipment, investment, markets and financial management and research and development in the field of transfer of technology.

Publishes five different brochures describing its services.

Linkages have been established with national and international organizations related to the field.

IFE CENTRE D'INFORMATION
Institute Français de l'Energie
3, rue Henri-Heine
75016 Paris
France

Tel.: 524 46 14

The objective of the centre is the collection and dissemination of information on the utilization of energy and its economic aspects.

Provides world-wide coverage for all aspects of energy. Collection consists of monographs, serials, reports, patents, standards, trade literature and unpublished information.

Provides a question and answer service, bibliographic service, SDI service, on-line services, a current awareness service and advisory services.

Publishes brochures describing the system.

INSTITUT DE RECHERCHES SUR LE CAOUTCHOUC
(Rubber Research Institute)
42, rue Scheffer
75016 Paris
France

Tel.: 553 93 96

Cable: INFRANCA PARIS

Telex: 620871

The objective of the Institute is provision of information on rubber and rubber technology to industrialists, research workers and students. It is a specialized information centre.

Coverage is provided for agronomy, chemistry and technology of rubber. The collection dates back to 1900s and consists of monographs and serials.

Provides a reprographic service and a question and answer service.
The target users are R and D centres and industrial engineers.

Linkages have been established with IRAP, France.

INSTITUT DE RECHERCHES SUR LES FRUITS ET AGRUMES
Système Informatique FABIUS
Fabrication automatique de bibliographies et
index utilisant des syntagmes
6, Rue du General Clergeue
75016 Paris
France

Tel.: 553-16-92

The objective of the centre is the provision of information on
agronomic and technological aspects of tropical fruits.

The system dates back to 1970 and provides comprehensive coverage
on tropical fruits. It has monographs, serials, reports, patents,
standards, proceedings, unpublished documents and trade catalogues.
Special emphasis is given to information from developing countries.

Provides a bibliographic service, question and answer service,
and abstract service. The target users are industrial extension
officers and R and D centres.

INSTITUT DES CORPS GRAS
(ITERG)
5, Boulevard Latour Maubourg
Paris 75007
France

Tel.: 5550773

The centre has as its objective the provision of information on
technology of oils and fats and their derivatives.

Information dates back to 1948 and coverage is provided to all
aspects of oils and fats technology. Collection include monographs,
periodicals, reports, patents, standards, catalogues and unpublished
documents.

Provides SDI service, question and answer service, abstracting
service, reprographic service, translation service, loans service and
advisory service. Bibliographies are prepared on request and on their
own initiative and are utilised by their staff and managers of industry.

Inquiries are received from staff and entrepreneurs mainly on process technology, machines and materials. The service is not free. Main users are staff of R and D centres, entrepreneurs and managers of industry.

Publishes "Revue Française des Corps Gras" (11 numbers per year) in French.

PROGRAMME APPLIQUE A LA SELECTION ET A LA COMPILATION
AUTOMATIQUE DE LA LITTERATURE (PASCAL)
Centre de Documentation Scientifique et Technique du CNRS
26, rue Boyer
75971 Paris 20
France

Tel.: 797 3559

Telex: CNRSDOC 220880 F

The national science and technological data bank has as its objectives the provision of information on all fields of science and technology to its own staff, R and D staff of other organizations, research workers, engineers and entrepreneurs.

Collection dates back to 1939 and consists of monographs, periodicals, reports, patents, dissertations and unpublished material covering all aspects of science and technology.

Provides a question and answer service, SDI service, reprographic service, translation service and advisory services on the use of the system, bibliographic service and abstract service. These services are provided free on request to industrial enterprises and staff of other organizations. Many of the questions are on process technology and machinery.

Publications are "Bulletin Signalétique", (10 times per year), "DSI" (11 times a year) and "Bandes Magnétique", (11 times a year). These are available in French.

GREECE

INFORMATION AND DOCUMENTATION CENTRE
OF THE GREEK PRODUCTIVITY CENTRE
(IDC/GPC)
Greek Productivity Centre
28 Kapodistriou Str.
Athens 147
Greece

Tel.: 3600410, 3606632

Cable: ELKEPA

Telex: 219416 GPC GR

The objective of the Centre is to function as the national documentation centre for the development of a national information network and contribute towards the promotion of efficiency and production in the industrial field.

Coverage is provided for commerce, economics, agriculture, finance, management, environment and natural resources, education, industrial management, and all aspects of technology and documentation. Provides greater coverage for information from developed countries. Collection consists of monographs, serials, reports, patents, standards, trade catalogues and audio-visual material and is organised according to the Macro Thesaurus, Thesauro Facet and the UDC.

Provides a question and answer service, reprographic service, bibliographic service, abstract service, translation service, advice on the use of the system, advisory services to industry and loan facilities. An SDI service will soon be introduced. The target users are Ministry of Industry, Planning and Investment Boards, industrial extension offices, R+D centres, and industrial entrepreneurs and engineers. The service is free. An expansion of its service into active extension services is envisaged.

An abstract bulletin is being prepared.

Linkages have been established with related national organisations and international organisations such as INPADOC, ITC, RKW, FAO, UNIDO, UNESCO, ILO, EEC and FID/11.

GUATEMALA

CENTRO DE INFORMACION A LA CONSTRUCCION (CICON)
Sistema Nacional de Información Científica y
Tecnológica (SINCYT)
Centro de Investigaciones
Facultad de Ingeniería, Ciudad Universitaria
Zona 12, Guatemala

Tel.: 481530

This specialised information analysis centre has as its objective the supply of information to the construction industry on materials, research, housing, etc.

Coverage is provided on all aspects of housing and materials. Information is available in Spanish and consists of monographs, serials, reports, and trade literature. The Termatex Optical Coincidence method is used for the organisation of information.

Provides a bibliographic service, question and answer service, abstract service and loan facilities. The target users are R+D centres, Planning Boards, and managers of industry.

Has published "Sistema Nacional de información Científica y Tecnológica (SINCYT)" (National System of Scientific and Technological information), "Proyecto para la creación del Centro de Información a la Construcción", (Project for the creation of the Information Centre on Construction).

Linkages have been established with Instituto Centroamericana de Investigación y Tecnología Industrial (ICAITI), Guatemala.

INSTITUTO CENTROAMERICANO DE INVESTIGACION
Y TECNOLOGIA INDUSTRIAL (ICAITI)
Av. La Reforma 4-47, Zona 10
Apartado Postal 1552
Guatemala

Tel.: 310631/5

Cable: ICAITI

Telex: 5312-ICAITI-GU

The Centre which co-ordinates the activities of the sub-regional network of SIATES (Information Systems and Technical Assistance for Enterprises), has as its objective the provision of information services designed to meet the requirements of the managerial sector.

Coverage is provided to information related to Central-American and the Dominican Republic. Relevant information from other countries is also included. Subject coverage is multi-disciplinary aiming mainly at the managerial sector. Collection consists of monographs, serials, reports, patents, standards, dissertations, trade literature and unpublished documents. Information is organised according to the UDC and DDC.

Provides bibliographic services, standard profiles, question and answer service, on-line services, reprographic service, translation service, advice on the use of the system and limited loan facilities. The target users are chiefly the managers of industry and R+D centres.

Has established linkages with SIATES: INTECAP, Guatemala, SITT-CENAP, San Salvador; Universidad Nacional Autónoma de Honduras (UNAH), Tegucigalpa; CENIT, Managua; CONICIT, San José; Servicio de Información y Extensión Tecnológica - SIP/MIPPE-OEA, Santo Domingo; SIECA, Guatemala; INCAP, Guatemala; Banco de Guatemala; and others in Latin America.

HONG KONG

ASIAN PACKAGING CENTRE
Hong Kong Packaging Council
Eldex Industrial Bldg., 12 F
21 A Ma Tau Wei Rd.
Hung Hom
Hong Kong

Tel.: 3-659061

Cable: FEDINDUSTRY

Telex: 84 652 HK INDHK

The objective of the specialized information centre is the provision of information on packaging to countries within the Asian region and developing packaging knowledge and expertise. The collection dates back to 1974 and covers all aspects that deal with packaging technology such as packaging materials, machinery, testing, design and advertising, etc. It includes monographs, serials, reports and proceedings, trade catalogues and audio-visual materials. Information is organised according to the European Federation Classification Schedule.

Provides a question and answer service, current awareness service, bibliographic service, reprographic service and a field liaison service. Advisory services are provided on packaging materials, machinery, design, testing. Services are not free.

Publications are: "Monthly up-dating Service", "APIC Journal", and "Special Reports".

Linkages have been established with organisations such as IDRC, API, WPO, PACO, TECHNUNET ASIA, PIRA, PAC and Packaging Institute, America.

Working Language is English.

FEDERATION OF HONG KONG INDUSTRIES
Eldex Industrial Bldg.
12/F, Unit A 21 Ma Tau Wei Rd.
Hun Hem
Kowloon
Hong Kong

Tel.: 3-659061

Cable: FED INDUSTRY Telex: 84652 HKINDHX
HONG KONG

The Centre has as its objective the provision of information to local and foreign entrepreneurs on trade industry, product standardization and regulation, design and packaging.

Coverage is provided for product standards and regulations, design and packaging and related industrial affairs. Collection consists of monographs, reports, standards, laws and regulations, trade catalogues and audio-visual material. Information is organised according to the UDC.

It provides a question and answer service, loan service, translation service and advisory services. The target users are industrial extension officers, R+D centres, entrepreneurs and managers.

Publishes the "Hong Kong Industries News", "Newsletter", and "Standards up-dating Service".

Linkages have been established with APF, ESCAP, CEE, FAO, ICSID, IDRC, IEC, ISO, GATT, WPO and a number of national organisations in Canada, France, USA, UK, Germany, Korea, Australia, Japan, Philippines and Pakistan.

PLASTICS INFORMATION UNIT/FURNITURE INFORMATION UNIT
HONG KONG PRODUCTIVITY CENTRE
G.P.O. Box 6132
Hong Kong

Tel.: 5-443181

Cable: PROCENTRE HONG KONG

The objective of the Centre is to collect, store, repackage and disseminate technical information to local industry with the aim of stimulating industrial development and diversification.

Coverage is provided for all aspects of plastic and furniture technology, management and productivity of relevance to the industrial sector of Hong Kong. The collection consists of monographs, serials, reports, standards, trade literature and audio-visual material. The information is organised according to a three-term keyword index, RAPRA code, UDC and in-house classification scheme for furniture information.

Provides a question and answer service, reprographic service, translation service, current awareness service, bibliographic service, loan facilities, and consultancy back-up service. The target users are industrial entrepreneurs.

Publishes "HKPC Plastics Bulletin" and "EHKPFM-HKPC Furniture Bulletin".

Has established linkages with RAPRA, UK; Furniture Industry Research Association; Technonet Asia; FID/11 and FID/CAO.

HUNGARY

SCIENTIFIC AND TECHNICAL INFORMATION
Hungarian Central Technical Library and
Documentation Centre

P.O.Box 12
Reviczky u.6.
Budapest
H-1428 Hungary

Tel.: 336-309

Telex: OMKDK H 22-4944

The Centre has as its objective provision of information on science and technology.

Coverage is provided for all fields of technology, applied science and industrial economics. Collection includes monographs, serials, reports, dissertations, audio-visual material, unpublished documents and scientific and technical films. Information is organised according to the UDC and Keyword system.

Provides SDI services, question and answer service, current awareness service, reprographic service, translation service, training in the use of the system and loan facilities. The target users are Ministry of Industry, R+D centres, entrepreneurs and managers of industry. Many of the questions are on process technology, management and productivity, financial management, equipment and machinery and capital investment.

Publishes the "Hungarian Technical Abstracts", "List of Technical Translations", "Monthly Digests", "Foreign Technical Tribune", Thematical Reviews, Surveys, etc.

INDIA

FOREST RESEARCH INSTITUTE AND COLLEGES
P.O. New Forest
Dehradun 248 006
India

Tel.: 7021-8

Cable: FORESEARCH

The library serves the aims and objectives of the parent organization.

World-wide coverage is provided for information on forestry management and forest-based industries. Coverage is not limited by period. The collection includes monographs, serials, reports, proceedings, patents, information on micro-form and audio-visual material.

Provides a question and answer service, current awareness service, advisory service, bibliographic service and loan facilities. Training is provided on the use of the system. The target users are the officers of the parent organization, industrial entrepreneurs, R+D centres and industrial extension officers.

The Forest Research Institute has published many special reports and monographs.

Linkages have been established with R+D centres within the country.

LIBRARY AND DOCUMENTATION SERVICES
CENTRAL ELECTRONICS RESEARCH INSTITUTE
P.O. Pilani (Raj) 333 031
India

Tel.: 11

Cable: ELECTRONICS

The objective of the system is the provision of project oriented documentation services to the electronics industry.

Provides world-wide coverage for all aspects of the electronics industry, and the collection includes monographs, serials, reports, proceedings, patents, standards, trade literature and unpublished material. Plans for the establishment of a computerised data bank is underway.

Provides a question and answer service, SDI service, reprographic service, bibliographic service, standard profiles, advisory services and loan facilities. The target users are the R+D centres.

LIBRARY: COTTON TECHNOLOGY RESEARCH LABORATORY
Adenwala Road
Matunga
Bombay 400 019
India

Tel.: 482773, 482877, Cable: TECHSEARCH Telex: 011 3594 CTRL
482976, 482977

The objective of the system is to serve as a reference source on the different aspects of cotton technology and allied subjects and to supply information for research on physical, structural and chemical properties of cotton in relation to spinning.

Coverage is provided for all above aspects and is world-wide in scope.

Provides a bibliographic service, reprographic service, translation service, question and answer service and loan facilities. Users are mainly from the parent organization.

Linkages have been established with research centres in India.

SCIENTIFIC DOCUMENTATION AND INFORMATION SERVICES
FOR GLASS, CERAMICS, REFRACTORIES AND ALLIED SCIENCES
Central Glass, Ceramic Research Institute
P.O. Jadaupur University
Calcutta 700 032
India

Tel.: 46-3496-7-8 Cable: GLASERCH Telex: GLSERCH
46-5829 calcutta - 32 INDIA CA:7560

The objectives of the Centre are the collection, processing, retrieval and dissemination of relevance to the R+D activities of the Glass, Ceramic and Refractory industries.

World-wide coverage is provided for glass, ceramics, refractories, vitreous enamelling, mica, material science and related subjects. The collection consists of monographs, serials, reports, proceedings, patents, trade catalogues, standards and unpublished material. Information is organized according to the DDC.

Provides a current awareness service, bibliographic service, question and answer service, reprographic service, translation service, advisory service and loan facilities. Target users are the staff of the parent organization, other R+D institutions, entrepreneurs and managers of industry. The services are provided free, on request.

Publishes the "C.G.C.R.I. Bulletin", "Documentary list of Glass and Ceramics", which are available in English.

IRAN

TECHNICAL DOCUMENTATION CENTRE
Institute of Standards and Industrial Research
of Iran (ISIRI)
P.O.Box 2937
Teheran
Iran

Tel.: 899305-9

Cable: STANDINST

The objective of the Centre is to provide information for ISIRI departments and technical staff and also for technical institutions and industry.

Provides extensive coverage for industrial technology, standardization, and other related subjects. Period coverage is from 1965. Collection consists of monographs, serials, patents, standards, trade catalogues, and audio-visual material. The information is organized according to DDC, UDC and ISO Thesaurus.

Provides a question and answer service, reprographic service, translation service, advisory service and loan facilities. The target users are the staff of the parent organizations and R+D centres.

Linkages have been established with national organizations in related fields.

IRAQ

INDUSTRIAL INFORMATION AND DOCUMENTATION
SYSTEM FOR ENGINEERING INDUSTRIES IN IRAQ
AND ARAB STATES (SIEI)
Specialized Institute for Engineering Industries
(SIEI)
Ministry of Industry and Minerals
P.O.Box 5798
South - Gate
Baghdad
Iraq

Tel.: 69791

Cable: MAHAD

Telex: 2226 SIEI IR

The objective of the Center is to acquire, organize and disseminate the latest information related to technological developments in the engineering industries of relevance to the Arab region.

Coverage is provided for mechanical, electrical, electronic engineering, iron and steel and aluminium industries, foundry engineering, transport and agricultural engineering, industrial production and management, techno-economic forecasting and technology transfer. Collection dates back to 1959 and includes monographs, serials, reports, patents, standards, trade catalogue and audio-visual material. Information is organised according to the UDC, Thesauri-facet, and co-ordinate indexing method.

Provides SDI services, question and answer service, reprographic service, translation service, advisory services and loan facility. Its main users are Ministry of Industry, planning and investment boards, R+D centres, managers of industry and entrepreneurs.

Publishes a Technical Information Bulletin which is available in Arabic and English.

Has established linkages with IDCAS, Arab Federation of Engineering Industries, Engineering and Design Development Centre, Production and Engineering Research Association, Electrical Research Association, WITRO, WIPO and UNIDO.

IRELAND

IIRS TECHNICAL INFORMATION SERVICE
Institute for Industrial Research and Standards
Ballymun Road
Dublin 9
Ireland

Tel.: 01-370101

cable: RESEARCH DUBLIN

Telex: 5449

The objective of the Centre is the provision of technical information services for industry.

Coverage is provided for science and technology, industrial economics, commerce, management and productivity and trade. Collection consists of monographs, serials, reports, patents, standards, trade literature and is organised according to the UDC.

Provides SDI services, on-line services, question and answer service, reprographic and translation service, training in the use of the system and loan facilities. Its main users are Ministry of Industry, R+D centres, entrepreneurs and engineers, and industrial extension officers.

Publishes the "Technology Ireland".

ISRAEL

NATIONAL CENTER OF SCIENTIFIC AND
TECHNOLOGICAL INFORMATION
National Council for Research and Development
P.O.Box 20125
Tel Aviv
Israel

Tel.: 03-297781

Cable: COST1

Telex: 03-2332

The objective of the Centre is to provide users in Israel with scientific and technological information from abroad.

Coverage is provided for natural and exact sciences and technology. Collection consists of monographs, serials, reports and trade literature. It is a computerised data bank and has access to other such sources.

Provides SDI service, on-line services, a question and answer service, bibliographic service, a current awareness service, profiles and abstracts and advisory services on the use of the system. Target users are Ministry of Industry, industrial extension officers, R+D centers, entrepreneurs, engineers and managers of industry.

Linkages have been established with ISI, Philadelphia; NTIS, Springfield; E.I, New York; INSPEC, London; C.A. American Chemical Society, Ohio.

JORDAN

DIFFUSION OF INDUSTRIAL INFORMATION
Amman Chamber of Industry
P.O. Box 1800
Amman
Jordan

Tel.: 44569

Cable: CHAMBRE OF INDUSTRY

Telex: 1711 SUKMAL JO

The objective of the system is to provide information on suppliers of machinery, industrial equipment and materials, consultants, turn-key enterprises, licences, patents and joint ventures.

Coverage is provided for the above aspects with special emphasis to small-scale and intermediate industries. Geographic coverage is provided for Jordan, Saudi-Arabia, Kuwait, Oman, and West Bank of Jordan. The collection consists of trade catalogues and serials.

Provides a translation service and advisory services on request to industrial entrepreneurs, managers, engineers and officers from investment banks.

Publishes a monthly bulletin in Arabic.

TECHNICAL INFORMATION UNIT
Royal Scientific Society
P.O. Box 6945
Amman
Jordan

Tel.: 67111/589

Cable: IRRAMAH

Telex: 1276

The library has as its objective the provision of information which would serve the users at the Royal Scientific Society and industries in Jordan.

Coverage is provided for civil engineering, mechanical engineering, chemical engineering, electronic engineering, economics and education. The system dates back to 1973 and the collection includes reports, standards, proceedings, trade catalogues and unpublished material of national and regional origin.

Provides a question and answer service and standard profiles. The target users are the Ministry of Industry, industrial entrepreneurs and managers of industry, and investment banks. Service is free.

Linkages have been established with related organizations within Jordan such as the Ministry of Industry, Chamber of Industry, Chamber of Trade, Housing Associations in Jordan, and Banks.

Publications are available in Arabic and English.

KENYA

INDUSTRIAL SURVEY AND PROMOTION CENTRE (I.S.P.C.)
Ministry of Commerce and Industry
P.O.Box 30430
Nairobi
Kenya

Tel.: 332811

Cable: INDMIN

The objective of the Centre is the collection, organisation and dissemination of information related to the activities of ISPC. These include identification and preparation of feasibility studies on industrial projects.

Coverage is provided for food and beverage industry, textile industry, leather and leather products, wood and wood products, paper, petroleum, rubber and plastics, chemicals, ferrous and non-ferrous products, machinery and equipment, industrial economics trade. Provides world-wide coverage and consists of monographs, serials, reports, standards, trade catalogues and unpublished documents. Information is organised according to the DDC, ISIC, and INDIS.

Provides bibliographic services, standards information profiles, question and answer service, training and advisory services and loan facilities. Its target users are Ministry of Industry, Planning Boards, and entrepreneurs.

Has linkages with related organisations within the country: UNEP; UNESCO; Federal Institute of Industrial Research, Nigeria; General National Organisation for Industrialisation, Tripoli; Industrial Information and Documentation Unit, Sudan; Textile Industry Documentation and Information Centre, Egypt; Specialised Institute for Engineering Industries, Iraq; Industrial Information and Documentation Unit, Saudi Arabia; Industrial Research and Consultancy Institute, Sudan; Hindustan Steel Limited, India; Technical Information Centre for Industry, Hong Kong; Industrial Information Centre, Thailand.

LIBRARY/DOCUMENTATION CENTRE
Kenya Bureau of Standards
P.O.Box 54974
Nairobi
Kenya

Tel.: 336210

Cable: KENSTAND 'NAIROBI'

The system is designed to be a documentation centre providing information for standardisation in commerce and industry, and technical information required for industry.

Coverage is provided for civil, electrical and mechanical engineering; chemical, textile and food technology and quality control. Collection includes standards and specifications of other countries. Special emphasis is given to English speaking countries. Collection consists of monographs, serials, reports, standards and trade literature. Information is organised according to UDC.

The services provided are question and answer service, bibliographic service, standard profiles, reprographic service, translation service and loan facilities. Its target users are R+D centres, industrial entrepreneurs and industrial engineers.

Publishes "The Kenya Bureau of Standards Newsletter". This is available in English.

Has established linkages with organisations within the country, Standard Institutes of Australia, Canada, Ethiopia, Ghana, Japan, and India. Has also linkages with International Standard Organisations and The International Electro-Technical Commission.

TRADE DOCUMENTATION CENTRE
K.E.A. - Ministry of Commerce and Industry
P.O.Box 43137
Nairobi
Kenya

Tel.: 26016/25463

Telex: 22468-KETA

The objective of the Centre is the dissemination of information on prices, markets, export opportunities, and related trade information to the business community.

Coverage is provided for all aspects of trade and commerce with special emphasis to publications of EEC countries, Middle East, USA, and Africa. Collection dates back to 1977 and consists of monographs, serials, reports and trade catalogues. A card-indexing system is used for the organisation of the information.

Provides a question and answer service, reprographic service, bibliographic service, advisory services and loan facilities. Its target users are Ministry of Industry, Industrial Planning Boards, Investment Banks, entrepreneurs, and managers of industry.

Publications are Kenyan Export News, Telex KETA and KETA-What it is and What it does. These are available in English.

Linkages have been established with Kenya Bureau of Standards, UNCTAD and The International Trade Center.

MADAGASCAR

CENTRE D'INFORMATION TECHNIQUE ET ECONOMIQUE (C.I.T.E.)

1 Bis, Lalana Lumumba

B.P. 74

Antananarivo

Madagascar

Tel.: 253.86

The objective of the Centre is the provision of relevant information which would meet the requirements of the economic and industrial development programmes.

Coverage is provided for varied aspects of social and economic development, industrial development and rural development. Collection consists of monographs, serials, reports and trade catalogues. Information is organised according to a card-index system SELECTO.

Provides bibliographic services, question and answer service, reprographic service, training in use of the system and loan facilities. The target users are R+D centres, Ministry of Industry, entrepreneurs, industrial engineers and managers of industry.

Linkages have been established with: SID - Reference Service Development, AGRIDOC - INTERNATIONAL, International Technical Consultations Exchange (ECTI), GRET - Research Group on the Development of Appropriate Technology.

MALAYSIA

MALAYSIAN INDUSTRIAL DEVELOPMENT FINANCE BERHAD (MIDF)

195 A Jalan Pekeliling

P.O.Box 2110

Kuala Lumpur

Malaysia

Tel.: 26371/24255

Cable: MALINDEV

The objective of the Centre is the organisation and dissemination of techno-economic information and dissemination of techno-economic information which would assist in the planning, evaluation and financing of industrial projects.

Coverage is provided for economic and financial information, technical information, planning and project evaluation, regional development and other relevant aspects. Collection consists of monographs, serials, reports, dissertations, laws and regulations, trade literature and unpublished reports. Information is organised according to the UDC.

Provides a question and answer service, bibliographic service, translation service and advisory services and loan facilities. The target users are officials of industrial investment banks, entrepreneurs, engineers and managers of industry.

Publishes the "Library Bulletin".

Has linkages with international organisations, such as ILO, FAO, ITC, OECD, UNCTAD, UNIDO, ADB, UNESCO and Commonwealth Secretariat and national organisations such as Federal Industrial Development Authority, Rubber Research Institute, KL Stock Exchange, Bank Negara.

MAURITIUS

MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (MSIRI)
Library
Rduit
Mauritius

Tel.: 54-1061 + 1063 Cable: SIRI-MAURITIUS

The Library of the Institute provides information on agronomical and technological aspects of sugar. Has a special local scientific collection on Mauritania.

World-wide coverage is provided for agronomical, entomological, chemical and industrial aspects of sugar cane. Special emphasis is given to information on Mauritius, Africa, Sri Lanka. Collection dates back to 1900s, and consists of monographs, serials, reports, unpublished documents and audio-visual material. Information is organised according to the Decimal Classification.

Provides a bibliographic service, on-line services, question and answer service, reprographic service and loan facilities. The target users are industrial extension officers, managers of industry, entrepreneurs and R+D centres.

Publishes articles describing the organisation and functions of the institute.

Linkages have been established with Berlin Sugar Institute, Library of the Technical University, Berlin; and Tate and Lyle Group in UK.

MEXICO

INFOTEC (INNOVACION - INFORMACION - TECNOLOGIA)
Apartado Postal 19-194
México 19, D.F.
México

Tel.: 559-52-11

Telex: 1777-5691 INFOME

INFOTEC has as its objective the provision of technical information which would promote product development and innovation, and explore new opportunities of investment in the industrial sector of the country. It is an active industrial information service with staff of the organisation visiting industries and providing extension services.

Coverage is provided for chemistry, food, pharmaceutical, mechanical engineering, electrical engineering, industrial engineering, ceramics and glass technology. Provides international coverage and the collection dates back to 1907. It includes monographs, serials, patents, standards, trade catalogues, etc. Has access to world-wide sources of information and utilises personal expertise in the field. The information is organised according to the Dewey Decimal Classification (DDC).

Provides a question and answer and technical assistance service, technical news service which is a current awareness service for the main sectors, active industrial liaison service where the engineers visit the industry to identify and analyse the industrial problems and provide suitable information, SDI service, reprographic service, bibliographic service and advice on the use of the system. The target users are industrial entrepreneurs, industrial engineers, and managers of industry and Planning Boards. The service is not free.

Publishes brochures on the use of the system.

Has linkages with FID, UNIDO, WEF0, TP1, Stanford Research Institute, Organization of Industrial Research of Holland, Mexican Chemical Information Centre, Institut Textile de France and other regional organizations.

MOROCCO

BANQUE MAGHREBINE D'INFORMATION INDUSTRIELLE
(B.M.I.)
B.P. 235
Tanger
Morocco

Tel.: 396.68
384.54/55

Cable: CEIMAG

Telex: CEIMAG 336.38

The objective of the Bank is the gathering of information related to well defined industrial sectors in Maghreb and dissemination of this information to potential users.

Coverage is provided from metallurgical industries, wood, pulp and paper, textile, rubber, chemicals and petrochemicals, food and agro-based industries. Coverage is provided for Algeria, Mauritania, Morocco and Tunisia. Collection dates from 1968 and consists of monographs, serials, reports and standards.

Provides a question and answer service, reprographic service, training on the use of the system and loan facilities. The target users are Planning Boards, investment banks, industrial extension offices, entrepreneurs, managers of industry and industrial engineers.

Has published a brochure on the system and C.E.I.M. - Project d'organisation et programme d'exécution en vue du Développement et la Division de la documentation pour la création d'une banque maghrébine d'information.

Has linkages with National Maghreb Organizations such as C.N.D., Rabat; C.N.D., Alger; C.N.D., Tunisia; C.N.E.I., Tunisia; I.N.P.E.D., Alger; O.D.I., Rabat; S.N.I.M., Nouakchott; Regional Organizations such as I.D.C.A.S., Cairo; Arab Union of Iron and Steel; and UNIDO; OMP, - BIT CNUCED, Geneva, OECD, Paris.

CENTRE NATIONAL DE DOCUMENTATION C.N.D.
Chari Maâ Al Aïnain
B.P. 826
Haut Agdal
Rabat
Morocco

Tel.: 749-44

Telex: CND 31052M

The Centre has as its objective the processing and dissemination of scientific and technological information of relevance to Morocco.

Coverage is predominantly Moroccan and includes monographs, periodicals, reports and unpublished documents. Information is organized according to the Thesaurus of the Centre "MAKNAZ".

Provides a question and answer service, bibliographic service, reprographic service and loan facilities. The target users are industrial Planning Boards, investment banks, R and D centres, entrepreneurs and industrial managers.

NETHERLANDS

INSTITUUT VOOR VERPAKKING, TNO
(Institute TNO For Packaging Research)
Schoemakerstraat 97
Delft
P.O. Box 169
The Netherlands

Tel.: 015 569330

Telex: 31453

It is a special information service on Packaging. The Centre has as its objective the provision of bibliographic services on all aspects of packaging technology.

World-wide coverage is provided for all aspects of Packaging. The collection includes monographs, serials, reports, patents, standards and trade literature.

Provides a bibliographic service, abstract service, question and answer service and advisory services. The target users are R and D centres, entrepreneurs, managers of industry, engineers and officers of Ministry of Industry.

Publishes a quarterly bibliography which is available in Dutch.

PUDOC AGRICULTURAL INFORMATION SERVICE (PUDOC)
Centre for Agricultural Publishing and Documentation
P.O. Box 4
WAGENINGEN 6700 AA
The Netherlands

Tel.: 08370-19146

Cable: PUDOC Wageningen Telex: 45015

The Centre has as its objective the provision of information to the scientists engaged in agriculture and agro-processing industry.

Provides world-wide coverage for agriculture, food-processing, fertilizer, plant protection, forestry, fisheries, nutrition and waste management. The collection includes monographs, serials, reports, patents, dissertations, abstracts, etc. and is organized according to the UDC.

Provides advisory services, SDI services, on-line services, question and answer service, a current awareness service, reprographic service and translation service. The services are not free.

Linkages have been established with AGRIS.

NICARAGUA

CENTRO NICARAGUENSE DE INFORMACION TECNOLOGICA (CENIT)
Banco Central de Nicaragua
Apartado Postal 2252
Managua, D.N.
Nicaragua

Tel.: 27751/5

Cable: BANCEDENIC

Telex: 1056

The objective of the Centre is the provision of information to industry and assisting in its application with a view to increasing the productivity of existing industries and promoting the establishment of new ones.

World-wide coverage is provided for food technology, agro-based industries, and chemical industries. The collection dates back to 1880s to include monographs, serials, reports, patents, standards and trade catalogues. Information is organized by descriptors.

Provides a bibliographic service, question and answer service, reprographic service, SDI services, on-line services and training in the use of the system. Many of the inquiries received are on technological processes, equipment and machinery and on opportunities of investment. The target users are Planning and Investment Boards, R and D centres, industrial engineers, managers and entrepreneurs.

Brochures are published on the system.

Has linkages with OEA.

NIGERIA

FORESTRY RESEARCH INSTITUTE OF NIGERIA LIBRARY (FRINLIB)
P.M.B. 5054
Ibadan
Nigeria

Tel.: 414022
414441
414073

Cable: FORSEARCH

Telex: 31207

The Central Library has as its objective the provision of information on forestry and related aspects to its staff and staff of other organizations and industry.

Coverage is provided for forestry and forest management, industrial utilization of forest products and other techno-economic information. Provides world-wide coverage and collection consists of monographs, serials, reports, patents, standards, trade literature and unpublished documents. Information is organized according to the UDC and the Oxford System of Decimal Classification for Forestry.

Provides a bibliographic service, question and answer service, SDI service, reprographic service, training in use of the system and loan facilities. Its users are officials of the organizations, university staff and students, R and D centres and industrial engineers. Many of the inquiries are on process technology, equipment and machinery, management and productivity and markets.

Has published "The Reader's Guide to the Central Research Library of the Forestry Research Institute of Nigeria" by Y.A. Adedigaa.

Has linkages with Savanna Forestry Research Station, Samaru-Zaria; Eastern Forestry Research Station, Umuahia; Moist Forest Research Station, Sapoba; Shelterbelt Research Station, Kano; School of Forestry, Ibadan; School of Forestry, Jos; School of Wildlife Management, New Bussa.

INDUSTRIAL INFORMATION CENTRE (IIC)
Federal Institute of Industrial Research
OSHOBI (FIIRO)
P.M.B. 1023
Ikeja Airport
Lagos State
Nigeria

Tel.: 32161 - 32163

Cable: APPLIED IKEJA

The Centre has as its objective the collection, organization and dissemination of information to the research staff and co-ordination of activities and resources of the branch libraries.

Coverage is provided for all technological subject fields of relevance to the needs of the parent organization such as industrial economics, industrial technology, industrial statistics, management and marketing. Coverage is international and includes monographs, serials, reports, standards, dissertations, trade catalogues, laws and regulations and unpublished papers. Information is organized according to the UDC and Thesaurus of Engineering and Scientific Terms (TEST).

Provides a question and answer service, bibliographic service, abstracts, reprographic service, advisory service, current awareness service and loan facilities. Many of the questions are on process technology, management and productivity, equipment and machinery, laws and regulations and markets. The service is free. Advisory services are provided by the technical staff of the institution. The target users are R and D centres, industrial entrepreneurs and engineers, Planning Boards, Ministry of Industry and managers of industry.

Publishes the Technical Bulletin for Industries on Information Facilities.

Linkages have been established with CSIRO, Australia; TPI, London; Intermediate Technology Centre; Appropriate Technology Institutions in the Commonwealth countries; UNIDO; National Technical Information Service, U.S.A.; Council for Scientific Research, Accra; FAO; VITA; and National Science Development Board, Philippines.

NORWAY

DOKUMENTASJONSTJENESTEN VED NTHB
(Documentation service at the Norwegian
Institute of Technology Library)
N-7034 Trondheim-NTH
Norway

Tel.: 47-75-95110

Cable: NTHB

Telex: 55 186 nthhb n

The Central Technology Library provides computer based SDI services and on-line services on a number of industrial and technological fields.

Coverage is provided for exact sciences, technology, art and architecture.

Provides a bibliographic service, current awareness service, question and answer service and on-line services. Bibliographic services are limited. Advisory services are offered on the operation of computerized data banks. The target users are R and D centres, entrepreneurs, officials of ministries and Planning Boards.

Publishes bibliographies, accession lists and "Facsimilia Scientifica et Technica Norwegica".

NORSK SENTER FOR INFORMATIKK (NSI)
(Norwegian Centre for Informatics)
Forskningsveien 1
OSLO 3
Norway

Tel.: 69.58.80

Cable: ENSI

Telex: 11536 ciir n

The objective of the Centre is the provision of information to industry from world-wide sources.

Provides coverage for all aspects of industry and it is a computerized data bank. It has access to other data banks.

Provides a bibliographic service, abstract service, question and answer service, current awareness service and advisory services on the use of the system. The technical staff visit industries to assess their information needs. The target users are R and D centres, industrial engineers and officers of planning boards. The service is not free.

Has linkages with Lockheed and SDC, California and ESA/SDS, Italy.

PAKISTAN

PAKISTAN SCIENTIFIC AND TECHNOLOGICAL INFORMATION CENTRE
(PASTIC)
P-13 Al-Markaz, Sector F-7/2
Islamabad
Pakistan

Tel.: 24161, 22342

Cable: PASTIC ISLAMABAD

The Centre aims at providing computerized on-line services on all fields of scientific and technological knowledge. It has created NASDATA which is accessible on-line using teleprocessing terminals.

Coverage is provided for all bibliographic sources containing scientific and technological information. Collection includes monographs, serials, reports, patents, standards, dissertations, trade literature, audio-visual materials and unpublished reports.

Provides on-line services, question and answer service, bibliographic service, reprographic service, translation service, abstracting and indexing services, current awareness service and loan facilities. The target users are officials of ministries, investment banks, R and D personnel, industrial entrepreneurs and managers. Service is not free. Training is provided on the use of the system.

Publishes "Pakistan Current Contents", "Pakistan Science Abstracts", and "Bi-monthly Index to Patent Holdings". These are available in English.

Linkages have been established with UNITERRE, Nairobi; and UNISIST.

PANAMA

DIRECCION GENERAL DE INDUSTRIAS
Ministerio de Comercio e Industrias
Banco de Datos
Apartado 7639
Panamá - 5
Panamá

The Centre has as its objective the collection and dissemination of information of relevance for industrial development of the country.

Extensive coverage is provided for relevant information on economic and industrial aspects. It also has access to information of other data banks.

Collection consists of monographs, reports, serials and unpublished documents. Information is organized according to the International Industrial Classification of Economic Activities.

Provides consultancy services, question and answer service, loan facilities and advisory services. Many of the questions are on technological processes, machinery and equipment, financial management, opportunities of investment and investment of capital. Target users are investment banks, entrepreneurs, R and D centres and managers of industry.

Has linkages with UNIDO; International Sugar Research Foundation incorp.; Japan Consulting Institute; China Productivity Centre; ICAITI; Tropical Products Institute; National Academy of Sciences, Washington; US/AID and OTARS.

PARAGUAY

CENTRO NACIONAL DE DOCUMENTACION E INFORMACION TECNICA (CNDI)
Instituto Nacional de Tecnología y Normalización (INTN)
Av. Gral. Artigas y Gral. Roa,
C.C. 967
Asunción
Paraguay

Tel.: 290160, 290266

The system is a national centre aiming at the creation of national information services and developing existing ones with a view to making the services available to a wider clientele in the fields of science and technology.

Coverage is provided for administration, industrial economics and planning, manufacturing processes, electro-mechanical engineering and maintenance, management of industrial plants, industrial designs, quality control and markets. Coverage is international in scope. Collection consists of monographs, serials, reports, patents, standards, trade catalogues and unpublished reports. Information is organized according to the Dewey Decimal Classification.

Provides bibliographic services, question and answer service, current awareness service, reprographic service, loan facilities and advice on the use of the system.

Publishes "The Bulletin of Technical Industrial Information"; "Revista Técnica - INTN" (Technical Review - INTN); "Plan Nacional de C y T" (National Plan of C and T).

Has linkages with Norwegian Forest Research Institute; Tropical Products Institute; Asociación de Investigación Técnica, Madrid; Centro de Información y Documentación, Madrid; American Association for the Advancement of Science, U.S.A.; International Association of Cereal Chemistry, Wageningen; Central Leather Research Institute, India; Smallstock Unit, South Africa; and Latin-American institutes such as IFLAIC; CAICYT; IRAM; INTI; Centro Tropical de Pesquisas e Tecnología de Alimentos; IBBD; ITAL; IPT; INTEC-CORFO; CIID; INDERENA; IIT; IICA-CIDIA; Centro de Información Industrial; CONACYT; Consejo de Recursos Naturales no Renovables; CENIT; CIT; CENICIT; Consejo Nacional de Investigaciones.

PERU

DEPARTAMENTO DE INFORMACION Y DOCUMENTACION
Compania Nacional de Cerveza S.A.
Av. Sáenz Peña 471
Callao 1
Perú

Tel.: 299340

Cable: CONACIONAL

Telex: 26019 PE COMNAGER

The documentation and information analysis centre has as its objective the promotion of a flow of information to enterprises which could assist in their development in all aspects of financial, industrial and technological management.

Coverage is provided for financial management, industrial relations and brewing industry. The collection consists of monographs, reports, serials, patents, standards and trade catalogues, and keywords are used for the organization of information.

Provides a bibliographic service, question and answer service, on-line services, reprographic services, translation service, advice on the use of the system and loan facilities. The target users are the staff of enterprises.

Linkages have been established with ABIISE, Lima; European Brewery Convention (EBC), Rotterdam; Versuchs- und Lehranstalt für Brauerei in Berlin, BRD; Institut Français des Boissons de la Brasserie-malterie, Nancy.

SERVICIO DE INFORMACION Y DIFUSION (SID)
Centro Nacional de Productividad (CENIP)
Jr. Zepita 423, 5^o piso
Apartado 5442
Lima 100
Perú

Tel.: 310070

The objective of the Centre is the collection, processing and dissemination of information on technology, industrial economics, management and productivity and socio-economics.

Coverage is provided for industry, agriculture, mining, construction, production economics, commerce and statistics. It is world-wide and the collection consists of monographs, serials, reports, patents, trade catalogues and unpublished documents.

Provides bibliographic services, a current awareness service, SDI service, question and answer service, translation service and loan facilities. The target users are investment banks, industrial entrepreneurs, engineers, R and D centres and managers of industry.

Has published a brochure describing the system: "Servicio de Información y Difusión" (Service of information and dissemination).

Has established linkages with relevant organizations within the country such as Instituto Nacional de Planificación; Instituto Nacional de Estadística; Oficina Nacional de Evaluación de Recursos Naturales; Instituto Peruano de Administración; Instituto de Investigación Tecnológica y de Normas Técnicas; Banco Central de Reserva; VITA; Society for International Development; CNIPE and CIDE.

PHILIPPINES

BOI-MI LIBRARY AND DOCUMENTATION CENTRE
Board of Investments
Industry and Investments Bldg.
385 Buendia Ave. Extension
Makati
Metro Manila
Republic of the Philippines

Tel.: 87-20-51 to 57 Cable: INVESTBOARD Telex: (742) 5555 BOI PM
local 44

The objective of the Centre is to develop and organize a collection of trade and industrial information to support the investments, trade and

promotional objectives of the Board of Investments.

Information is provided on the range of subject areas included in the UNIDO Thesaurus of Industrial Development Terms. It dates back to 1968. There is no geographical limit, but emphasis is placed on ASEAN, U.S.A., Japan and EEC. The collection consists of monographs, serials, reports, standards, proceedings, trade catalogues, laws and regulations, unpublished documents and indexes. The classification tools are UNIDO Thesaurus of Industrial Development Terms, OECD Macrothesaurus, Library of Congress and Philippine Standard Industrial Classification.

Provides a bibliographic service, question and answer service, SDI service, reprographic service, loan facilities and training and advice in use of the system. The services are free. The target users are Ministry of Industry, Industrial Planning Boards, Industrial Investment Banks, industrial extension officers, industrial entrepreneurs and managers of industry.

Publications are "Current Trade and Industrial Information" (CTII) (bi-monthly); "Current Literature Service" (CLS) (monthly); and "Selected Weekly Acquisitions". These are available in English.

Linkages have been established with the International Trade Center; Philippine Export Council; Bureau of Foreign Trade; University of the Philippines; Institute for Small-scale Industries; and U.N. ESCAP.

DOCUMENTATION CENTRE (BUREAU OF FOREIGN TRADE)
Ministry of Trade
6th Floor Filicapital Bldg.
Ayala Ave.
Makati
Metro Manila
Philippines

Tel.: 87-59-69

Cable: Mintrade

Telex: 3285

The objective of the Centre is the provision of up-to-date trade and economic information to staff, exporters, research workers and other government agencies.

Coverage is world-wide for literature on trade and economics. The collection includes monographs, serials, reports, trade catalogues, laws and regulations and unpublished documents. The information is organized by the Standards Industrial Trade Classification (SITC), Trade Information Classification and the OECD Macrothesaurus.

Provides SDI services, reprographic services, advisory services, bibliographic services, current awareness service and abstract service. The target users are staff members, entrepreneurs and officers of other organizations. The service is free.

Publishes "Report to Exporters"; "Current Awareness Service" and "How to use the Documentation Centre". These are available in English.

Has established linkages with ITC; ESCAP; and UN.

POLAND

INSTYTUT WLOKNIENICTWA
Poland Lodz
Ul. Gdańska 91
Poland

Tel.: 396-00

Telex: 88666 IWPL

The Centre has as its objective the provision of evaluated information to the textile industry.

Coverage is provided on all aspects of the fibre technology and manufacture of textiles. The collection includes monographs, serials, standards and reports. Information is organized according to the UDC.

Provides a question and answer service, bibliographic service, current awareness service and translation service. Many of the inquiries are on process technology, equipment and machinery. The target users are R and D institutions and entrepreneurs. Technical officers visit industry. The service is free.

SYSTEM INFORMACJI NAUKOWEJ, TECHNICZNEJ I ORGANIZACYJNEJ (SINTO)
00-950 Warszawa
Al. Nipodleglosci 186
Poland

Tel.: 25-81-39

Cable: CENTR-INF-Warszawa

Telex: 813716-Cint-PL

The objective of the system is the creation and management of computer-aided files which would enable the provision of information on all aspects of science and technology.

Coverage is provided for the entire field of information related to science and technology in bibliographic sources. The collection consists

of monographs, serials, reports, patents, standards, dissertations, unpublished reports and trade literature. Information is organized according to the Polish Subject Classification Thesauri and free word indexing.

Provides bibliographic services, question and answer service, abstract service, translation service, reprographic service, advisory services on the use of the system and loan facilities. The target users are R and D centres, Planning Boards, industrial engineers and entrepreneurs and officials of the Ministry of Industry.

RWANDA

SERVICE D'INFORMATION ET DE DOCUMENTATION INDUSTRIELLES
(Industrial Information and Documentation Service)
Ministère des Finances et de l'Economie
B.P. 73
Kigali
République Rwandaise

Tel.: 5417

Cable: MINECOFI

The objective of the Centre is the provision of information on the promotion and development of industry to manufacturers, potential investors, and planners at government level. It aims at effecting a horizontal and vertical flow of information.

Provides coverage for mechanical engineering, wood working, agro-based industries, construction industry, food technology, agricultural machinery and implements, chemical and plastics industries. The collection consists of monographs, serials, reports, patents, and trade literature. The information is organized according to the UDC.

Provides a question and answer service, bibliographic service, SDI service, reprographic service, advisory service, on-line service and loan facilities. The target users are R and D centres, industrial entrepreneurs, managers of industry and officials of the Ministry of Industry.

Has established linkages with the Chamber of Commerce and Industry of Rwanda; National Research Institute of Rwanda; Agronomical Sciences Institute; and National University of Rwanda.

SAUDI-ARABIA

INDUSTRIAL INFORMATION AND DOCUMENTATION CENTRE
Industrial Studies and Development Centre
Kingdom of Saudi-Arabia
P.O. Box 1267
Riyadh
Saudi-Arabia

Tel.: 20900

Cable: DEVIND

Telex: 201152 Devind HJ

The Centre has as its objective the provision of information on industrial policies, process know-how, equipment and machinery for the establishment of new industries. Technical assistance is provided to existing industry.

Subject coverage is provided for all aspects of industry dealing with Saudi-Arabia and the Arab States and the system dates back to 1967. The collection includes monographs, serials, reports, patents, standards, trade catalogues and audio-visual material. Information is organized by the Decimal Classification.

Provides bibliographic service, SDI service, question and answer service, reprographic service, translation service and loan facilities. Its main users are staff of research centres, ministries, Planning Boards and Banks, and industrial entrepreneurs.

Publications are "Alam Alsaniyah", annual in Arabic, "Al Nashrah Al Saniyah", bimonthly in Arabic and English and "Guide to Industrial Investment", in Arabic and English.

Linkages have been established with research institutes within the Arab States.

SENEGAL

SOCIETE NATIONALE D'ETUDES ET DE PROMOTION INDUSTRIELLE (SONEPI)
B.P. 100
Dakar
Sénégal

Tel.: 260-94

The objective of the Society is the establishment of an information network which would facilitate the flow of information to industry.

Special emphasis is placed on the provision of information to the small industrial sectors.

Coverage is provided for aspects of industrial technology, industrial economics and marketing. The collection dates back to 1969 and consists of monographs, serials, reports, dissertations, trade literature and unpublished papers. Information is organized according to the OECD Macrothesaurus.

Provides loan facilities. The target users are the Ministry of Industry and industrial entrepreneurs.

SPAIN

CENTRO DE DOCUMENTACION DE INGENIERIA (CEDIN)
Associació d'Enginyers Industrials de Catalunya
Via Laietana, 39, 5^o
Barcelona 3
Spain

Tel.: 319.23.00

Telex: 51228 CDIN E

The objective of this specialized centre is to provide access to bibliographic information on all aspects of engineering knowledge.

Coverage is provided for all fields of engineering and includes monographs, serials, reports and trade catalogues. Information is organized according to the UDC.

Provides reprographic service, question and answer service, SDI service, bibliographic service, current awareness service. Many of the questions are on process technology, machinery and equipment, management and productivity.

Publishes a monthly Abstracts Bulletin - Boletín de Sumarios.

INSTITUTO DE INFORMACION Y DOCUMENTACION DE CIENCIA Y TECNOLOGIA (ICYT)
Joaquín Costa 22
Madrid - 6
Spain

Tel.: 2614808

Telex: 22628 cid-md-e

The objective of the Institution is the provision of scientific and technical information to industrial enterprises, research centres and centres of higher education.

World-wide coverage is provided for all aspects of science and technology. And the collection consists of serials and patents.

Provides SDI services, on-line services, translation service, bibliographic service and advice on the use of the system. Its main users are R and D centres, entrepreneurs, industrial engineers and extension offices.

Has linkages with FLD/II; EUSIDIC; ICSU-AB; International Translation Center.

SERVICIO DE INFORMACION Y DOCUMENTACION DEL
INSTITUTO DE LA GRASA Y SUS DERIVADOS
(SIDGIGD)
Avda. P. García Tejero, 4
Sevilla - 12
Spain

Tel.: 611550

The Centre has as its objective the collection, organization and dissemination of information on olive oil and fats for food and detergents.

Provides world-wide coverage for processing of oils and fats. Special emphasis is given to olive oil. The collection includes monographs, serials, reports, patents and standards. Keywords are used for the organization of information.

Provides a question and answer service, bibliographic service, translation service, reprographic service and loan facilities. Many of the questions which are from industrial sectors are on technology processes and machinery and equipment. Its main users are research and development centres, industrial entrepreneurs and managers of industry. The service is not free.

SRI LANKA

INDUSTRIAL INFORMATION SERVICE (IIS)
Industrial Development Board
615, Galle Road
Katubedda
Moratuwa
Sri Lanka

Tel.: 072-323, 327, 450 Cable: Karmantha

The objective of the Service is the active dissemination of information with a view to providing the large, medium and small-scale sectors of industry the relevant information which would promote development and innovation. The activities are oriented towards the active marketing of information to industry.

World-wide coverage is provided for agro-based industries; chemical, paper, food, leather, rubber, wood, textile technologies; mechanical and foundry engineering, management and productivity, marketing, economic development, industrial planning and project evaluation, industrial statistics, small-scale industries and extension work and information science. Special emphasis is placed on the development of specialized information sources on foundry engineering. The collection consists of monographs, serials, reports, proceedings, trade literature, unpublished studies and information in micro-fiche. Information is organized according to the UDC and Coordinate Indexing System.

Provides a question and answer service, bibliographic service, current awareness service, SDI service, information profiles, translation service, reprographic service, referral service, active field liaison service and loan facilities. The target users are extension officers, industrial engineers and managers, entrepreneurs, Development banks and Ministry of Industries. A nominal fee is requested for reprographic services.

Publishes bibliographic series, current awareness bulletin, monthly; Documentation Bulletin, quarterly; and Karmantha, a monthly journal on industry and an index to Karmantha. Has published articles and brochures on the system.

Linkages have been established with Ceylon Institute of Scientific and Industrial Research; Rubber Research Institute; National Science Council; IDRC; TECHNUNET-ASIA; UNIDO; VITA; ITDG; FAO; ILO; GATT/ITC; Tropical Products Institute; NRDC, India; SISIR, Singapore; HKPC, Hong Kong;

SIRIM, Malaysia; KORSTIC, Korea; University of Philippines; Institute of Small Scale Industries; The Productivity Centre, Thailand; and FID/11.

TECHNICAL LIBRARY AND INFORMATION SERVICE
Ceylong Institute of Scientific and Industrial Research
P.O. Box 787
Colombo 7
Sri Lanka

Tel.: 93807

Cable: CISIR

The objective of the Centre is the provision of scientific and technical information to its staff, personnel from other organizations and entrepreneurs on all technological aspects which come within its activities.

Provides world-wide coverage to all aspects related to science and technology such as chemistry, food and beverages, rubber and plastics, paper, leather, wood, textile, engineering and information science, and has a special information collection on chemistry and plants of Sri Lanka with industrial potential. The collection dates back to 1920s, and consists of monographs, serials, reports, standards, dissertations, proceedings and unpublished documents. Information is organized by UDC and DDC systems.

Provides a question and answer service, reprographic service, current awareness service, bibliographic service and loan facilities. State-of-the-art studies are undertaken in fields of special relevance such as 'spices' and 'essential oils'. Many of the questions are on process technology, equipment and machinery, standards and specifications. Training facilities are provided for information workers. The target users are R and D staff, extension officers, entrepreneurs, engineers and managers of industry.

Publishes "Current Technical Literature"; "State-of-the-art Surveys on Spices and Essential Oils". A bibliographic series is published but is irregular. These are available in English

Linkages have been established with National Science Council; IDB/DRL; NRDC, India; UNIDO; VITA; FAO; Tropical Products Institute; ITDG and TECHNUNET-ASIA.

SWEDEN

SIK - THE SWEDISH FOOD INSTITUTE
Fack
S-400 23 Göteborg
Sweden

Tel.: 31-400120

Cable: SIK INSTITUTE

Telex: 21651 SIK S

The objective of the Centre is the provision of information on all aspects of food.

Extensive coverage is provided on this field and the collection consists of monographs, serials, reports, patents, standards, proceedings and audio-visual material. Information is organized according to the UDC.

Provides on-line services, question and answer service, bibliographic service and loan facilities. Many of the questions are on process technology, nutritional aspects, equipment and machinery. State-of-the-art reviews the research positions of various types of food stuffs. Literature searches are done on commission. Offers consultation services.

Publishes five series of reports on own results.

TCHAD

BUREAU DE PROMOTION INDUSTRIELLE DU TCHAD
Ministère de l'Economie et du Plan
Direction Generale
B.P. 458
N'Djamena
Tchad

Tel.: 36.57

The objective of the Bureau is to meet the information requirements of the government and the parent organization in the establishment, promotion and development of industries. The system is under implementation.

Collection consists of information on existing enterprises, publications of the UN and its agencies and reports of consultative mission.

The target users are the Ministry of Industry, Industrial Planning Boards and industrial entrepreneurs.

THAILAND

ASIAN INFORMATION CENTRE FOR GEOTECHNICAL ENGINEERING
Asian Institute of Technology
P.O. Box 2754
Bangkok
Thailand

Tel.: 5168311-5

Cable: AIT-Bangkok

The objective of the Centre is to act as the clearing house for information on geotechnical engineering with special emphasis on the needs of developing countries.

Coverage is provided for soil mechanics, foundation engineering, rock mechanics, engineering geology, earthquake engineering and related fields. Information consists of monographs, serials, reports, dissertations, trade literature, proceedings and unpublished documents. The information is computerized.

Provides SDI services, a question and answer service, reprographic service, bibliographic service, a current awareness service and training in the use of the system.

Publishes "The AGE Newsletter"; "AGE Current Awareness Service"; "AGE Abstracts"; "AGE Digest"; "AGE Holdings List"; and has published articles on the system.

Linkages have been established with IDRC; The Institution of Civil Engineers; COSTED - Committee for Science and Technology for Developing Countries, Bangalore; CSIRO; and South East Asia Society for Soil Mechanics and Foundation Engineering.

CENTRE FOR INDUSTRIAL STATISTICS, INFORMATION AND RESEARCH (CISIR)
Industrial Economics and Planning Division
Ministry of Industry
Rama VI Road
Bangkok
Thailand

Tel.: 2811932

The Centre is a computerized data bank providing information on statistics of industrial production, distribution and sales.

Coverage is provided for all industrial development, industrial statistics and other related fields. It consists of monographs, serials,

reports, and unpublished documents. The information is organized according to the International Standards Industrial Classification (ISIC).

Provides a question and answer service, current awareness service and a bibliographic service. The target users are Ministry of Industry, Planning Boards and entrepreneurs.

Publishes "The Directory of Industrial Statistics" and "The Situation of Thai Industry".

Linkages have been established with the Industrial Economic Centres of Northern and Southern Thailand.

INTERNATIONAL FERROCEMENT INFORMATION CENTRE
Asian Institute of Technology
P.O. Box 2754
Bangkok
Thailand

Tel.: 5168311-5

Cable: AIT-Bangkok

The Centre aims at the collection, processing and dissemination of all types of information on application of ferrocement and related materials with special emphasis on transferring ferrocement technology to rural areas.

Coverage is provided for all aspects of ferrocement, its application and related construction material. Collection consists of monographs, serials, reports, standards, dissertations, trade literature, unpublished documents and audio-visual material. The system is computer assisted.

Provides a bibliographic service, question and answer service, reprographic service, translation service, advisory services and training on the use of the system. The service is not free.

Publishes "Journal of Ferrocement"; "Focus on Ferrocement", occasionally; "How to do it Yourself", booklets; monographs "Ferrocement"; and has published articles on the system

Has established linkages with New Zealand Ferrocement Marine Association; USAID; IDRC; and I'DG.

OFFICE OF THE COMMITTEE FOR INDUSTRIAL TECHNOLOGY DEVELOPMENT (CITD)
Ministry of Industry
Industrial Economics and Planning Division
Office of the Undersecretary of State for Industry
Rama VI Road
Bangkok 4
Thailand

Tel.: 2824812

The Centre which is being planned has as its objective the promotion of the transfer of technology.

The initial collection consists of laws and regulations concerning the process of transfer.

The system aims at providing a question and answer service.

Linkages will be established with the Regional Centre for Technology Transfer (R.C.T.T.), India.

RENEWABLE ENERGY RESOURCES CENTRE
Asian Institute of Technology
P.O. Box 2754
Bangkok
Thailand

Tel.: 5168331-5

Cable: AIT-Bangkok

The objective of the Centre is to act as a clearing house for information on renewable energies viewed from the point of view of appropriate technology.

Provides coverage for solar energy, bio-fuels, wind and small-scale hydropower. Coverage is geographically limited to the tropical countries in Asia and the Pacific. Collection consists of monographs, serials, reports, patents, dissertations and trade literature. The information is computerized.

Provides SDI services, question and answer service, reprographic service, bibliographic service, current awareness service and advice on the use of the system. Target users are Ministry of Industries, Planning Boards, extension officers, R and D centres, engineers, managers of industry and entrepreneurs. The service is not free.

Publishes "RERIC News"; "Renewable Energy Resources Review Journal"; and "RERIC Holdings List".

Linkages have been established with the Government of France; UNESCO; ESCAP; TATA Research Institute; The International Solar Energy Society; COMPLES; The European Solar Energy Information Centre; The American Solar Energy Society; and the Asia Pacific Energy Studies Consortium.

TOGO

SERVICE DE LA DOCUMENTATION TECHNIQUE (S.D.T.)
Ministère du Plan, du Développement Industriel
et de la Réforme Administrative
B.P. 2818
Lomé
Togo

Tel.: 55-95

The objective of the Centre is the provision of information to the Ministry of Industrial Planning and Development.

Coverage is provided for all relevant aspects of industrial planning and industrial statistics. Collection consists of monographs, serials, reports and unpublished reports.

Operates a service of Selective Dissemination of Information and the target users are the Ministry of Industry and the Planning Boards.

TURKEY

TURKISH SCIENTIFIC AND TECHNICAL DOCUMENTATION CENTRE (TURDOC)
The Scientific and Technical Research Council of Turkey
Atatürk Bulvarı 221
Kavaklıdere
Ankara
Turkey

Tel.: 26 2770/70

Cable: Tübilak - Ankara

The objective of the Centre is to facilitate the use of scientific and technical information in the fields of pure and applied sciences including industrial management, and to promote and co-ordinate the information activities.

World-wide coverage is provided for metallurgy, food technology, management, industrial engineering, civil, mechanical, chemical and electrical engineering. Other fields of applied sciences and information science are also covered. The collection consists of monographs, serials, reports, patents, standards, dissertations, trade literature, audio-visual material, etc. Information is organized according to the UDC and descriptors.

Provides a question and answer service, SDI service, reprographic service, translation service, bibliographic service, a current awareness service, loan facilities and advice on the use of the system.

Publishes "Current Titles in Turkish Science"; "Index to Turkish Literature of Pure and Applied Sciences" and "A List of National and international Meetings on Science and Technology".

Linkages have been established with UNIDO; VITA; EEC; and Commodity Research Bureau Inc., New York.

UNITED ARAB EMIRATES

DEPARTMENT OF PLANNING
Abu Dhabi Emirate
P.O. Box 12
Abu Dhabi
United Arab Emirates

The Library is being designed to meet the information requirements of the parent organization in the fields of industrial planning, investment, economic development and industrial management.

Subject coverage is provided for economics, trade, industrial planning, industrial technology and management. The collection consists of monographs, reports, trade literature and unpublished documents.

Provides a bibliographic service and a question and answer service. The target users are Ministry of Industry, Planning Boards and managers of industry.

The system is still in the initial stages of development.

UNITED KINGDOM

ASLIB INFORMATION SERVICE
3, Belgrave Square
London SW1X 8PL
United Kingdom

Tel.: 01-235 5050

Telex: 23667

Aslib specializes in problems relating to information, collection, retrieval and dissemination. It provides a comprehensive referral and inquiry service with a view to supplying information on any subject to members of Aslib.

Coverage is provided for all subjects. The collection consists of monographs, serials, reports, patents, standards, dissertations, proceedings, trade literature, audio-visual material, etc. It is a computerized information system.

Provides a question and answer service for any subject, on-line service - Aslib has access to 70 computerized information files, bibliographic service, translation service, loan facilities, short-term training courses on information and advice and consultancy services on the establishment of information systems. Aslib also sponsors publications.

Publishes "Aslib Information"; "Journal of Documentation"; "Aslib Proceedings"; "Aslib Booklist"; "Forthcoming International Scientific and Technical Conferences" and "Audio-visual Librarian". Aslib also publishes books, bibliographies, directories and research reports.

Linkages have been established with Lockheed Information Systems (DIALOG); System Development Corporation Search Service (ORBIT); European Space Agency (ESA-RECON); and British Library Automated Information Service (BLAISE).

UPPER VOLTA

CHAMBRE DE COMMERCE ET D'INDUSTRIE DE HAUTE-VOLTA
(Chamber of Commerce and Industry of Upper Volta)
B.P. 502
Ougadougou
Upper Volta

Tel.: 361-48

Cable: CHAMBCOM BP502 Telex: 5268 UV

The Centre has as its objective the provision of information on commerce, transport, industrial activities and projects.

Coverage is provided on all aspects of commercial activity, banking, laws and regulations relating to international commerce and industry. Special emphasis is given to information on Upper Volta. Collection consists of periodicals, reports and trade catalogues.

Provides consultation services and loan facilities. The target users are entrepreneurs.

Publishes the "Guide for Businessmen in Upper Volta", which is available in French.

Linkages have been established with Chambers of Commerce.

URUGUAY

CENTRO NACIONAL DE TECNOLOGICA Y PRODUCTIVIDAD INDUSTRIAL (CNPI)
Sarandí 690 D 2do piso
Casilla de Correo 1211
Montevideo
Uruguay

Tel.: 91 90 58
90 83 38

The Centre has as its objective the dissemination of information on the techno-economic situation of different industrial sectors and the economic indicators relevant to each of these sectors which would assist in the development plans of the Ministry of Industry and Energy.

Coverage is provided for all aspects of techno-economic analysis, project evaluation, financial and industrial management and marketing. The collection consists of serials and reports. Greater emphasis is given to national coverage.

Provides standard profiles and advisory services, and its main users are the Ministry of Industry and Planning Boards.

Linkages have been established with UNIDO.

VENEZUELA

SISTEMA NACIONAL DE INFORMACION CIENTIFICA Y TECNOLOGICA
(SINACITI)

Consejo Nacional de Investigaciones Cientificas
y Tecnologicas (CONICIT)

Apartado de Correos 70617

Los Ruices

Caracas

Venezuela

Tel.: 2390801

Telex: CNICT 25205

The Library and Bibliographic Centre has as its objective the promotion and development of science and technology.

Coverage is provided for education, health, farming, mining, petrochemicals, food technology, electronics, forestry, metallurgy, urban and regional planning, productivity and quality control. Greater emphasis is given for information on Venezuela and the collection consists of monographs, serials, reports, patents, standards, trade catalogues and unpublished documents. Information is organized according to UNITERMINO.

Provides bibliographic service, question and answer service, reprographic service, advisory services on the system and loan facilities. The target users are Ministry of Industry, Industrial Planning Boards, investment banks, R and D centres, industrial entrepreneurs and engineers.

Has published "Sistema Nacional de Servicios de Información Científica y Tecnológica" (National System of Scientific and Technological Information Services).

Linkages have been established with ICFES, Colombia; SNI COLCIENCIAS, Colombia; INTEC-CORFO, Chile; CENDES, Ecuador; ICAITI, Guatemala; CONICIT, Venezuela; and Red Nacional de Información Tecnológica e Industrial.

YEMEN ARAB REPUBLIC

INVESTMENT INFORMATION OF DEPARTMENT OF INDUSTRY
Ministry of Economy
P.O. Box 607
Sana'a
Yemen Arab Republic

The objective of the system is to provide information on the investment opportunities and viable industrial projects.

Coverage is provided for information on pre-investment opportunities and costs, suppliers of machinery and equipment, financial management and development plans. Collection consists of monographs, reports and laws and regulations.

Provides a question and answer service, translation service, bibliographic service and loan facilities.

The system is being developed.

YUGOSLAVIA

INFORMACIJSKO-DOKUMENTACIJSKA SLUZBA
(Information and Documentation Service)
(INDOK Sluzba - INDOK Service)
61 001 Ljubljana
Parmova 33
p.p. 389
Yugoslavia

Tel.: (061)-311-680

Cable: Produktivnost
Ljubljana

Telex: YU 31-184

The objective of the Service is the provision of information for research and consulting projects of the Institute and for the long range planning of the development activities of the Institute. Does also offer consultancy services in the field of information and establishment of information systems.

Coverage is provided for civil engineering, metallurgy, shipbuilding, food, textile and metal working industries, management and productivity, technology and information science.

Provides a bibliographic service, question and answer service, current awareness service, reprographic service, translation service and advisory services on the establishment of information services.

Publishes annual reports of the Institute in Slovene.

JUGOSLOVENSKI CENTAR ZA TEHNICKU I NAUCNU DOKUMENTACIJU (JCTND)
Ul. Slobodana Penezica-Krcuna, 29-31
P.O. Box 724
11000 Beograd
Yugoslavia

Tel.: 644 184

Cable: JUCENDOK, Beograd Telex: 12497-YU JCTND

The Centre has as its objective the selection, processing and dissemination of technical, scientific and economic information to industry.

The system dates back to 1952 and provides coverage for all aspects of industry, and includes monographs, serials, reports, proceedings, laws and regulations, trade catalogues and unpublished reports. Information is organized according to the UDC system.

Provides a bibliographic service, SDI services, question and answer service, current awareness service, reprographic service and translation service. The question and answer service is provided to staff of other organizations, managers of industry, entrepreneurs and decision makers. Many of the questions are on process technology, equipment, machinery and management. Advisory services are by the technical staff who visit industries.

Publications are "Bulletin of Documentation"; "Informatica" and "Scientific and Professional Meetings in Yugoslavia". These are available in English.

ZELLCHEMING
Bogisiceva 8
61000 Ljubljana
Yugoslavia

Tel.: (061) 20-902

Cable: Celipapir Ljubljana

The Centre has as its objective the provision of information services to the cellulose and paper industry.

Provides coverage on all aspects of cellulose and paper. Collection consists of monographs, serials, reports, patents, standards and trade catalogues.

Provides a bibliographic service, current awareness service, abstract service, translation service, reprographic service and loan facilities. Many of the inquiries are on process technology, equipment and machinery, management, productivity and investment opportunities. Its target users are industrial entrepreneurs and R and D centres.

ZAMBIA

DOCUMENTATION AND SCIENTIFIC INFORMATION CENTRE (DSIC)
National Council for Scientific Research
P.O. Box CH 158
Lusaka
Zambia

Tel.: 75321/6

Cable: NACSIR, Chelston, Lusaka

The objective of the Centre is to provide scientific and technical information to research workers and decision makers.

Extensive coverage is provided to all aspects of science and technology and includes monographs, serials, reports, patents, standards, trade literature, audio-visual material and unpublished reports. Information is organized according to the UDC.

Provides a question and answer service, bibliographic service, abstract service, reprographic service and loan facilities. Many of the inquiries are on process technology, equipment and machinery. The target users are industrial planning boards and R and D centres.

Publishes the "Zambian Journal of Science and Technology", (SZJST), quarterly; "Zambian Science Abstracts", annual; "Technical Reports"; "Directory of Scientific Research Organizations"; "Union List of Serials". Publications are in English.

Has linkages with related organizations within Zambia; British Lending Library; CSIRO, Australia; and UN.

ZAMBIA INDUSTRIAL AND MINING CORPORATION LIMITED (ZIMCO)

Zimco House
Cairo Road
P.O. Box 90
Lusaka
Zambia

Tel.: 72981

Cable: ZIMCO

Telex: ZA 41821

The objective of the Library is to provide trade information to local businessmen and businessmen abroad.

Coverage is provided for all aspects of trade and include serials, reports, standards, trade catalogues and laws and regulations. Information is organized according to the UDC.

Provides a question and answer service, bibliographic service, current awareness service and advisory services on the use of the system. Many of the inquiries are on investment opportunities, markets, capital investment and laws and regulations governing investments. The target users are the Ministry of Industry, Planning Boards, Investment Banks, entrepreneurs and R and D centres.

Publishes "Enterprise", quarterly; "Directory of Zambian Industry"; and "Zambian Export Directory". These are available in English.

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