1993

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TECHNOLOGY NETWORKING GUIDE INTERNATIONAL



Newsletters, Periodicals and Catalogues Publicizing New Technologies.

Computer Databases of New Technologies

C

Technology Brokers and Consultants. D

Specialized
Technology
Transfer Centres.

Universities as Sources of Technology.

New Technology Exhibitions

Associations and
Societies Concerned with
Technology Transfer.

H Larger Companies as Sources of Technology.

Legal Contacts.

Government
Contacts and
InformationsSources.



TECHNOLOGY NETWORKING GUIDE INTERNATIONAL

INDUSTRY, SCIENCE AND TECHNOLOGY CANADA LIPERRY

A News

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BIBLIO INTOLIS

INDUSTRIE, SCIENCES ET
TECHNOLOGIE CANADA

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InformationsSources.

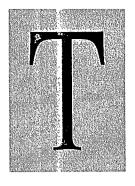
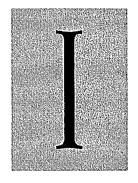


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INTRODUCTION

The Technology Networking Guide - International, documents world-wide private and public sector technology information sources, services, and contacts. A companion publication, the Technology Networking Guide - Canada, documents the respective domestic technology information. These publications are intended to assist Canadian business persons with the identification of expertise, assistance and technology-based opportunities which will aid in the creation of new business enterprises and the improvement and expansion of existing ones.

Due to the rapidly changing nature of the technology field, this publication will be frequently updated to accommodate new listings and to modify existing ones. Contributions of information which may be considered for inclusion in this publication will be most appreciated.

The following federal government information sources, services, programs and contacts are especially relevant to technology transfer from international sources:

- Industry, Science and Technology (ISTC) has many sector specialists
 that can provide international information and referrals, and a
 number of financial assistance and information programs supportive
 of technology transfer. Access is via the ISTC Regional Offices listed
 in section L2 in the Technology Networking Guide Canada.
- External Affairs and International Trade has technology specialists in Canadian embassies abroad that can provide a range of services from sourcing technical information and required new technologies, to identifying potential joint venture partners and arranging meetings. Financial support to assist firms in accessing foreign technology may also be provided. Please refer to Technology Inflow Program (TIP) Officers listed in section J1.
- The Field Advisory Services of the National Research Council (NRC) provides access to:
- an extensive Canada-wide laboratory and technical advice network consisting of such components as laboratories of the NRC, other federal government departments, provincial government research centres, universities, and firms; international facilities and expertise can be accessed through these resources.

- the major scientific and technical library and database search services of the world-class Institute for Scientific and Technical Information (CISTI) in Ottawa.
- the Industrial Research Assistance Program (IRAP) which financially assists firms with technology projects.

The NRC Field Advisory Services are listed under Technology Assistance in the yellow pages. Please call (613) 993-3996 in Ottawa if you have difficulties. Comments and questions concerning this publication and suggestions for new technology information to be listed should be directed to:

INDUSTRY, SCIENCE AND TECHNOLOGY CANADA

J.A. Kelly, Manager Technology Transfer Services J.R. Caroleo, Responsible Officer for Guide

Tel: 613 954-2899

235 Queen Street, Room 1002C

Ottawa, Ontario K1A 0H5

Tel: 613 954-5256 Fax: 613 992-7499 Tlx: 053-4123

Newsletters, Periodicals, and Catalogues Publicizing New Technologies



Newsletters, Periodicals, and Catalogues Publicizing New Technologies

These documents refer to various styles of publications prepared on a periodic basis by International organizations. The publications include some of the following materials.

- documents which describe scientific research programs or technology development activities, or new products incorporating current or advanced technology in a meaningful way.
- documents which list opportunities for the licensing of technology.
- publications which principally describe and report on the international science and technology community, or service to facilitate networking within the international science and technology community.

Australia

GENESIS

Magazine containing articles on new technologies and innovations from South Australia. Distributed free of charge.

GENESIS

Innovation House First Avenue Technology Park Adelaide, SOUTH AUSTRALIA 5095

Tel: (08) 260-8111 Fax: (08) 260-8100 Tlx: AA88556

Austria

HIGH TECH AUSTRIA (VOLUMES I, II AND III)

This three-volume brochure, commissioned by Austria's Federal Ministry of Science and Research, lists high tech organizations in Austria seeking R&D cooperation from or with other countries. Provides information on each project, such as project target and application, stage of development, desired cooperation and contact person. Some areas covered are: analysis equipment, measuring control, computer technology, chemical engineering, and medicine.

Institute of the Austrian Science Fair

Schottengasse I AI-1010 Vienna, AUSTRIA

Tel: (0222) 63 31 22

INNOVATIONS AND DEVELOPMENTS

Booklet describes a selection of Austrian research projects and resulting innovative products. News From Austria (news survey, p. 8) published twice monthly. Federal Chancellery Federal Press Service Ballhausplatz 2 Al-1014 Vienna, AUSTRIA Tel: (0222) 53775/0

UNIDO NEWSLETTER

Contents of this monthly newsletter can include listings of technologies/expertise required by firms in developing countries. Publication is free and is available in Arabic, Chinese, French, English, Russian, and Spanish.

United Nations Industrial Development Organization

(UNIDO)

P.O. Box 300 A1-1400 Vienna, AUSTRIA



Belgium

ATHENA

Monthly bulletin reviewing new technologies. French only. ISSN 0772-4683.

Athena

Rue des Colonies, 52, Boîte 5 1000 Bruxelles, BELGIUM

Tel: 02/218.22.90 Fax: 02/218.45.07

BUSINESS AND TECHNOL-OGY OPPORTUNITIES

Report listing available technology transfer business opportunities from a number of companies in the region of Limburg, Belgium. Regional Development Authority Limburg - Belgium

Technology Transfer Service

Kunstlaan 18

B-3500 Hasselt, BELGIUM

Tel: (32)-11-22.29.64 Tlx: 39245 gomlim-b

IRDAC NEWS

IRDAC News concentrates mainly on the technological dimension of competitiveness. It examines the contribution of research and development to Europe's ability to make effective use of technology.

IRDAC News

Rue Defacqz 1 Box 12

B-1050 Brussels, BELGIUM

Tel: 00.32-2/537.93.56 Fax: 00.322.2/1344.12.70

TECHNO FLANDERS

Sizeable catalogue listing technology offers and demands for a wide range of industries. Provides contact information to firms involved in the offer of and search for technology. Regional Development Authorities of Flanders Joint Center for Flanders' Technological Innovation Leuvensestraat 29

B-1800 Vilvoorde, BELGIUM

Tel: (32)-2-252.24.89 Tlx: 64207 gom

Britain

NEW PRODUCT NEWS

Contains brief descriptions of available new products. Identifies the manufacturer and contact information. Excellent source with respect to industrial licenses/joint ventures, and intelligence gathering re: competitive product offerings. British High Commission 80 Elgin Street
Ottawa, Ontario CANADA K1P 5K7

Tel: (613) 237-1530

China

POLYTECHNA

Catalogue of technologies available for license covering various fields. Foreign Trade Corporation

Technical Cooperation Agency

Panska 9, P.O.B. 834 CS-112 45 Praha 1, CZECHOSLOVAKIA Tel: 24 49 41

Tlx: 121585

TECHNOLOGY TRANSFER CATALOGUE

A catalogue of new technologies including advanced industrial materials, alloys, instrumentation, equipment, machinery etc., available for export or industrial licenses. China Machine-Building International Corporation China National Machinery and Equipment

Import and Export Corporation

Tel: 361263 362561-551 Tlx: 22186 Equip CN 22610 Equip CN 2073 Equip CN

Cable: Equipmpex Beijing

Czechoslovakia

Denmark

DANISH TECHNOLOGY TRANSFER

A small, private company that concentrates on technology transfer. Currently developing a computer database that describes the hundreds of different financial assistance programs, Danish, Scandinavian, and EEC, that are available from Danish industry.

Danish Technology Transfer

Niels Hammingsens Gade 32 Postboks 39

1002 Kobenhavn K Denmark

Tel: 33-32-13-25 Fax: 33-32-43-05

DENMARK INVENTIONS CENTRE

Brochures presenting a number of different licensing offers. Some licenses have already been sold to Danish companies, but this does not exclude the possibility of licensing outside Denmark.

Denmark Inventions Centre

Teknologisk Institut Gregersensvej Postboks 141 DK-2630 Tastrup, DENMARK

Tel: 02-996611 Fax: 02-991016 Tlx: 33416 ti dk

DENMARK REVIEW

This magazine covers business news and opportunities from Denmark and is aimed at broadening knowledge of Danish products and technology. Information on publications can be obtained through the Danish Consulate in Toronto (416) 962-561 or the Trade Office in Calgary or Vancouver.

Denmark Review

Royal Danish Ministry of Foreign Affairs Foreign Trade Relations Department Asiatish Plads 2



DK-1448 Copenhagen K, DENMARK

Tel: +45.1.920000 Fax: +45.1.540533

England

AEROSPACE TECHNOLOGY CENTRES

Longman Group U.K. Limited

Longman Industry and Public Service Management

Publishing Division Westgate House, The High, Harlow, Essex CM20 WJE, U.K.

Tel: (0279) 442601

AGRICULTURAL AND VET-ERINARY SCIENCES INTER-NATIONAL WHO'S WHO

Longman Group UK Limited

Longman Industry and Public Service

Management Publishing Division Westgate House, The High Harlow Essex CM20 2JE U.K.

Tel: (0279) 442601

DIRECTORY OF EUROPEAN PROFESSIONAL AND LEARNED SOCIETIES

Edition 4, Robert W. Adams, Editor

CBD Research Ltd

15 Wickham Road Beckenham, Kent BR3 2JS ENGLAND

Tel: 01-650-7745

DIRECTORY OF EUROPEAN INDUSTRIAL AND TRADE ASSOCIATIONS EDITION 4

Richard Leigh, Editor

CBD Research Ltd.

15 Wickham Road Beckenham, Kent, BR3 2JS

Tel: 01-650-7745

ENGLAND

EARTH AND ASTRONOMI-CAL SCIENCES RESEARCH CENTRES

Longman Group U.K. Limited

Longman Industry and Public Service

Management Publishing Division Westgate House, The High, Harlow, Essex CM20 2JE, U.K.

Tel: (0279) 442601

ELECTRONICS RESEARCH CENTRES

Longman Group U.K. Limited

Longman Industry and Public Service

Management Publishing Division Westgate House, The High, Harlow, Essex CM20 2JE, U.K.

Tel: (0279) 442601

ENERGY AND NUCLEAR SCIENCES INTERNATIONAL WHO'S WHO

Longman Group UK Limited

Longman Industry and Public Service

Management Publishing Division Westgate House, The High, Harlow, Essex

CM20 2JE UK Tel: (0279) 442601

ENGINEERING RESEARCH CENTRES

Longman Group U.K. Limited

Longman Industry and Public Service

Management Publishing Division Westgate House, The High, Harlow, Essex CM20 2JE, U.K.

Tel: (0279) 442601

HARWELL LABORATORY

Harwell Laboratory publishes a number of news bulletins and directories dealing with technology transfer, business opportunities and research information. Some publications are Design Technology for the Process Industries, Research Laboratory of the United Kingdom: Atomic Energy Authority, Directory of Technology: Harwell R&D Facilities and Services, and Harwell R&D Clubs: Technology for Industry.

Harwell Laboratory

Oxfordshire 0X11 0RA, ENGLAND

Tel: 0235-24141 Ext 3122

Tlx: 83135

INDUSTRIAL RESEARCH IN THE UNITED KINGDOM: A GUIDE TO ORGANIZATIONS AND PROGRAMMES

Detailed listings of some 3,000 U.K. research and technology laboratories including activities, expenditures, staff etc. and also some 400 trade and development organizations, learned and professional societies. A "Titles of Establishment Index", personal name index and detailed subject index are included. ISBN 0-582-04430-8 Thirteenth Edition 1989. Industrial Research in the United Kingdom: A Guide to Organizations and Programmes Longman Group UK Limited

Longman Industry and Public Service

Management Publishing Division Westgate House, The High, Harlow, Essex CM20 IYR, UK

Tel: (0279) 442601

INNOVATORS HANDBOOK: A GUIDE FOR FIRMS SEEK-ING EXTERNAL HELP WITH INNOVATION, TECHNOLO-GY TRANSFER AND SUC-CESSFUL PRODUCT DEVEL-OPMENT

Text is divided into four broad aspects of the innovation process: developing technology, financing technological development, purchasing and selling technology and



protecting technological development. It is of value both to innovators wanting to identify and develop new links with outside sources of assistance and to those who have carried out few innovatory activities previously and are seeking external expertise and resources in their local area.

Innovators Handbook: A Guide for Firms Seeking External Help with Innovation, Transfer and Successful Product Development

Longman Group UK Limited

Longman House, Burnt Mill Harlow, Essex CM20 2IE, UK Tel: (0279) 442601

INTERNATIONAL LICENSING

A monthly booklet listing licenses offered and sought, joint venture and investment propositions, agencies, distributorships, and other commercial arrangements, from international sources. Subscription rates are US\$90 per year (US\$144/2 yrs; US\$180/3 yrs).

International Licensing Limited

92 Cannon Lane

Pinner, Middlesex HA5 IHT. **ENGLAND**

Tel: 01-866 2812

Cables: Licensing Pinner

IT PUBL. LTD.: INTERME-DIATE TECHNOLOGY PUBL.

A firm specializing in publications on technologies appropriate for developing countries.

Intermediate Technology Publ. The Old Brewery

Tisbury, Witts SP3 GHN ENGL

LONGMAN GUIDE TO WORLD SCIENCE AND **TECHNOLOGY**

Longman Group UK Limited Longman Industry and **Public Service**

Management Publishing Division Westgate House, The High, harlow Essex

CM20 2JE, U.K. Tel: (0279) 442601

MANCHESTER PARTNERS TECHNOLOGY DIRECTORY

Extensive directory of newly available technologies developed by the University of Manchester, its Institute of Science and Technology and related companies. The directory is divided into several sections: biotechnology, polymers-textiles, chemicals, engineering-electronics, software-computation, servicesindustrial units. Also published Technology List.

VUMAN Ltd. (Patents and Licenses)

Enterprise House, Manchester Science Park

Manchester, England M15 4EN

Tel: 061-200-3055

UMIST Ventures Ltd. Sackville Street, P.O. Box 88 Manchester, England M60 10D

Tel: 061-226-8746

MATERIALS RESEARCH CENTRES

Longman Group U.K. Limited

Longman Industry and **Public Service**

Management Publishing Division Westgate House, The High, Harlow, Essex

CM20 2JE, U.K. Tel: (0279) 442601

MEDICAL SCIENCES INTER-NATIONAL WHO'S WHO

Longman Group UK Limited

Longman Industry and **Public Service**

Management Publishing Division Westgate House, The High, Harlow, Essex CM20 2JE, U.K.

Tel: (0279) 442601

NIMTECH BUSINESS AND TECHNOLOGY DIRECTORY

Nimtech

1 Westgate Pennylands, Skelmersdale, Lancashire **ENGLAND WN8 8LP**

Tel: 0695-50032 Fax: 0695-50112

NIMTECH NEWS

A newsletter published by Nimtech, the North West Technology Centre

Nimtech News

1 Westgate Pennylands, Skelmersdale, Lancashire **ENGLAND WN8 8LP**

Tel: 0695-50032 Fax: 0695-50112

PACIFIC RESEARCH CENTRES

Longman Group U.K. Limited

Longman Industry and **Public Service**

Management Publishing Division Westgate House, The High, Harlow, Essex CM20 2JE, U.K.

Tel: (0279) 442601

RESOURCES FOR INNOVA-TION AND TECHNOLOGY DIRECTORY

Directory listing organizations involved in high technology, technical innovation, technology transfer or applied science. Qualified individuals, companies and organizations can apply to be listed free of charge. Fees are charged for more detailed listings and ads. The directory sells for 15.50 pounds.

Resources for Innovation and Technology

Chipleigh Farm, Chapel Leigh Lydeard St-Lawrence Taunton, ENGLAND TA4 3R8

Tel: 098-47-431



TECHNOLOGY TRANSFER INTERNATIONAL

Monthly newsletter listing licensing and joint venture opportunities from world sources. Subscription charge is US\$340/yr; US\$605/2 yrs.

Technology Transfer International 15 Selvage Lane, Mill Hill London NW7 3SS, ENGLAND

TECHNOSHOP -

A catalogue containing unpublished current and distribution offers and requests from a large European partnership that includes Spain, the UK, Portugal, Belgium, Denmark, Ireland, Italy, Greece and Germany. It is backed up by a computerized index of 15000 license offers. Published quarterly.

Technoshop

The Technology Exchange Ltd. Wrest Park, Silsoe

Bedford MK45 4H5 England

Tel: (0525) 60333 Fax: (0525) 60664 Tlx: 825808 TECHJEX

WHO'S WHO IN SCIENCE IN EUROPE

Longman Group U.K. Limited Longman Industry and Public Service

Management Publishing Division Westgate House, The High, Harlow, Essex

CM20 2JE, U.K. Tel: (0279) 442601

WORLD ENERGY DIRECTORY

Longman Group U.K. Limited

Longman Industry and Public Service

Management Publishing Division Westgate House, The High, Harlow, Essex

CM20 2JE, U.K. Tel: (0279) 442601

WORLD NUCLEAR DIRECTORY

Longman Group U.K. Limited

Longman Industry and Public Service

Management Publishing Division Westgate House, The High, Harlow, Essex

CM20 2JE, U.K. Tel: (0279) 442601

WORLD'S NEW PRODUCTS

World Business Publications Ltd.

Britannia House 960 High Road London N12 9RY England

Tel: 01-4465141 Fax: 01-4463659 Tlx: 9419208

France

ACTION CANADA FRANCE

A magazine published ten times per year by a unit of la Chambre de commerce française au Canada. Every third issue contains a supplement on new products/technologies and joint venture opportunities from France. Subscription: \$20 per year. ISSN 0318-7306.

La Chambre de commerce française au Canada

360, St. François-Xavier, 1st Floor Montreal, Quebec CANADA H2Y 2S8

Tel: (514) 281-1246 Tlx: 055-62358

CATALOGUE OF TECHNO-LOGICAL OPPORTUNITIES

Catalogue is a summary of technology opportunities offered by laboratories and companies of the Nord-Pas-de-Calais region. The purpose is to bring potential partners together with some basic data as a starting point for discussion. Data sheets are grouped according to technological field. Agence régionale de développement

Direction de développement économique

185, bd de la Liberté 59800 Lille, FRANCE

Tel: (02) 308281 Tlx: 120.647

FRENCH ADVANCES IN SCIENCE AND TECHNOLOGY

A newsletter containing a broad range of information including technological developments available for immediate commercialization. Science and Technology Office

Embassy of France

4101 Reservoir Road N.W. Washington, D.C. U.S.A. 20007-2176

Tel: (202) 944-6246 Tlx: FRESCOF 643092

FRENCH TECHNOLOGY SURVEY

Aditech is a non-profit organization sponsored by three Ministries of France. Its purpose is to gather intelligence and diffuse information to French companies on what is happening outside France. The French Technology Survey is an international monthly that exposes what is new in France

French Technology Survey

Aditech

96 BD Auguste Blanqui 75014 Pans, France

Tel: 47 07-14 41 Fax: 45 35 43 45

I.D. CONSEIL MONTHLY OPPORTUNITIES

A monthly newsletter of technology opportunities and searches with international circulation in five languages. Proposals for listings are accepted.

Bossard Consultants

12 BIS, rue Jean-Jaures 92807 Puteaux Cedex, FRANCE

Tel: (1) 47 76 4201 Fax: (1) 47 73 6056 Tlx: BOSSARD 613 715F



INNOVATIONS SUR LE MARCHÉ

Catalogue of available technologies from Agence Nationale de Valorisation de la Recherche.

Agence Nationale de Valorisation de la Recherche (ANVAR)

43, rue Caumartin

75436 Paris, Cédex 09, FRANCE

Tel: 266.93.10 Tlx: 230298 ANVAR

TECHTRADE: CATALOGUE OF TECHNOLOGY OPPORTUNITIES

An annual catalogue presenting approximately 500 technology-based opportunities, mainly from France, with opportunities from other European countries as well. A number of technology searches are also listed. Cost is approximately USS95.

INNOVATION 128

24, rue du Quatre Septembre 75002 Paris, FRANCE

Tel: (1) 42 65 47 76

Tlx: 214492F

TECHTRENDS: INTERNA-TIONAL REPORTS ON EMERGING TECHNOLOGIES

Each report is approximately 60 to 150 pages long and costs US\$480. Topics include Biosensors, Reverse Osmosis and Other Membrane Technologies and New Developments in Composite Materials, etc. Contents of each report are stated to include a technical state-of-theart market analysis, major active laboratories and companies, and available business opportunities.

INNOVATION 128 -TechTrends Reports

24, rue du Quatre Septembre 75002 Paris, FRANCE

Tel: 33(1)42.68.09.71 Fax: 33(1)42.65.47.76

Tlx: 214 492

TECNOVA: TECHNOLOGIES AVAILABLE FOR LICENSING

Listing of French technologies with concentration in areas of Agro Food and Derivatives, Parachemistry, Energy, Plastics and Mineral Processing, Construction and Electronics.

Tecnova

Tour Manhattan - Cedex 21 5-6, Place de l'Iris

92095 Paris-la-Défense, FRANCE

Tel: (1) 773.12.34

Tlx: 610279F PROTECN

TELELAB

Database contains information on 8000 public laboratories in France. Information includes type of research, equipment available and regular publications generated.

Telelab

Mission des Syntheses et de la Planification Ministere de la Recherche et de la Technologies 1 rue Descartes 75005 Paris, France

Tel: 46 34 38 59

Germany

TRADE AND TECHNICAL REVIEW

A monthly magazine which contains a section on technology licenses available from East Germany. ISSN 0232-5780

Trade and Technical Review

P.O.B. 230 Berlin, DDR-1157

Tel: 2805107

Tlx: Berlin 112106 integ dd

INFO GERMANY

Newsletter published through the Canadian German Chamber of Industry and Commerce Inc. In addition to German economic and business news, listings of industrial license and other business opportunities are presented. Ten issues per

year for \$60. Free to members.

Info Germany

Canadian German Chamber of Industry and Commerce 1010 Sherbrooke Street West, #1604 Montreal, Quebec CANADA H3A 2R7

Tel: (514) 844-3051 Tlx: 06-23581 deukan hk

tor 05-24455

OR

480 University Avenue, Suite 1410 Toronto, Ontario CANADA M5G 1V2

Tel: (416) 598-3355 Fax: (416) 598-1840

INFORMATION BULLETIN: CENTRAL BUREAU FOR INTERNATIONAL TRADE IN LICENSES OF THE GERMAN DEMOCRATIC REPUBLIC

A collection of one-page leaflets, each describing a new technology available for licensing. Marketing Department

Central Bureau for International Trade

in Licenses of the German Democratic Republic Schicklerstraβe 5/7 Berlin, DDR-1020

Tel: 21480 Tlx: 114894

OVERSEAS POST: INNOVA-TION AND TECHNOLOGY

Established in 1919, this periodical features a wide range of new products, technologies and equipment available from mainly German firms. Provides a free computer service to readers to locate appropriate suppliers and other contacts. Also publishes several international trade media publications such as: Wood Marketing and Technology, Woodworking International and Industry and Development published in Arabic, Farsi and Chinese. Dr. Harnisch Verlagsgesellschaft mbH



Übersee-Post Organisation

Blumenstraße 15

D-8500 Nürnberg 1, FRG Tel: (0911) 20 36 58/59

Fax: (0911) 20 45 79 Tlx: 17 911 8103

TECHNOLOGICAL INNOVA-TIONS FROM GERMANY

This English language printout of the technology database available through the German Chambers of Industry and Commerce contains new technology offers and requests dating from November 1986. Earlier listings can be obtained for a small fee, but are only available in German. Deutscher Industrie - und Handelstag (DIHT)

Referat Forschung und Technologie

Adenauerallee 148 5300 Bonn 1. FRG Tel: 104 540

TRADE LEADS FROM **GERMANY**

A newsletter published every two months that primarily contains products for which agents and distributors are sought, but also has some offers of licenses.

Canadian German Chamber of **Industry & Commerce Inc.**

1010 Sherbrooke Street West #1604 Montreal, Quebec CANADA H3A 2R7

Fax: (514) 844-1473

Tlx: 06-23581 deukan hk tor

Tel: (514) 844-3051

OR

480 University Avenue, Suite 1410 Toronto, Ontario CANADA

M5G IV2

Tel: (416) 598-3355 Fax: (416) 598-1840

India

ASIA-PACIFIC TECH MONITOR

A publication used by the Asian and Pacific Centre for Transfer of Technology to disseminate information on trends in technology transfer and development, update on technology policies, briefs on how products and processes, technology offers and requests, technology events etc. to encourage technology transfer. Promotes technologies on priority areas of the Centre such as agro-based industries, low-cost construction and renewable energy.

Asia-Pacific Tech Monitor

Asian and Pacific Centre for Transfer of Technology (APCTT) 49 Palace Road, Post Box 115 Bangalore 560 052, India Tel: 266931-3 91-812-73105 Tlx: 8452719 AOCT IN

Israel

ADVANCED TECHNOLO-**GIES FROM ISRAEL**

A newsletter intended to update readers about the most recent R&D technological projects in Israel. It is aimed at bringing together Israeli and foreign partners in erecting new joining ventures thus promoting a fruitful international cooperation. No charge.

Advanced Technologies from Israel

MATIMOP Israeli Industry Centre for R&D

P.O. Box 50364 Hamered St. 29 61500 Tel Aviv ISRAEL

Tel: 972-3-650150 Fax: 972-3-5101972

INNOVATION

Monthly newsletter on the industrial R&D and science-based industry in Israel. Contains articles on new products and processes at or near

commercialization stage. Annual subscription is US\$40, ISSN 0334-3847.

A.G. Publications Ltd.

P.O. Box 7422 31 070 Haifa, ISRAEL

Tel: 972-4-255 104

KNOWHOW

A publication that reports on twenty or so technological innovations in each issue. Promotes mutually profitable international cooperation. Free of charge.

Knowhow

A.G. Publications Ltd. P.O. Box 7422 Att: AG 31 070 Haifa, Israel Tel: 972-4-255-105 Fax: 972-4-247-532

MATIMOP (ISRAELI INDUS-TRY CENTER FOR R&D)

Catalogue of available of technologies in advanced stages of development. This institution also makes contacts between Canadian and Israeli interested parties for establishment of joint ventures. Canadian and Israeli governments have signed cooperation agreement to promote such arrangements.

Dr. Y. Cahana. Director. **Technology Transfer**

MATIMOP (Israeli Industry Center for R&D) P.O. Box 50364 61 500 Tel Aviv, ISRAEL

Tel: 972-3-650150 Fax: 972-3-5101972 972-3-236926

Italy

NEW TECHNOLOGIES

Report listing new technologies in Italy. Each offer includes the title, a short description, advantages, main application, as well as degree of development, possibilities for cooperation, economic data and contact.



A reference number is listed for each.

Camere Commercio Piemontesi

Centro Scambi de Technologia Via Ventimiglia, 165-10127 Torino, ITALY

Tel: 011/6960096 Tlx: 214159 CECCPI

Japan

JAPANESE HIGH TECHNOLOGY MONITOR

Abstracts of important news related to Japanese technological developments and companies. 24 issues per year, US\$998.

Japanese High Technology Monitor

Sumika Technical Information Services 6th Floor, Sumitomo Building 5-33, 4-chome, Kitahama Chuo-ku, Osaka 541, JAPAN Tel: 81 (06) 220-3364

Fax: 81 (06) 220-3361

NATIONAL TECHNOLOGIES HELD BY MITI

List of patents and patent applications held by Japan's Ministry of International Trade and Industry (MITI) diffused through the Japan Industrial Technology Association (IITA).

Japan Industrial Technology Association (JITA)

20-Mori Bldg. 8F 2-7-4 Nishi Shinbashi, Minato-ku Tokyo 105, JAPAN Tel: (03) 591-6271

OPPORTUNITIES FOR LICENSE

A bulletin published regularly by the Research Development Corporation of Japan (JRDC) which contains brief descriptions of available technologies in a variety of fields.

Manager, Department of Patent License

Research Development Corporation of Japan (JRDC)

5-2, Nagata-cho 2-chome Chiyoda-ku, Tokyo 100, JAPAN Tel: 03-507-3055

Fax: 03-581-1486 Tlx: JAREDECO J33135 Cable: JAREDECO

TECHNO JAPAN

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Cornell Research Foundation Inc.

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Tel: (201) 568-4744 Fax: (201) 568-8247

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Elsevier Advanced Technology Publications

52 Vanderbilt Avenue New York, New York U.S.A 10017 Tel: (212) 370-5520

STATE GOVERNMENT RESEARCH DIRECTORY

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\$175.00 US, 350 pages.

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A monthly bulletin for subscribers to the Tech Monitoring service of SRI International. The bulletin reviews recent significant technological developments in one or more fields of technology selected by the subscriber. Each field selected costs approximately US\$2000-US\$2400 per year. The reviews are done with a "commercial focus". More detailed information can be ordered.

Director, B-I-C

SRI International Menlo Park, California U.S.A. 94025-3476

Tel: (415) 859-4600

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The guides explain the key points of a technology and how to successfully use it. There are six, 'non-technical' volumes covering Computer Aided Design (CAD), Computer-Aided Manufacturing (CAM), Computer Numerical Control (CNC), Programmable Controllers, Robots,

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Catalogue of Licence transfer opportunities prepared by Wake Forest University. Deals primarily with the field of medicine and related sectors.

Patent Adminstration Service

Office of Research Development The Bowman Gray School of Medicine 300 S. Hawthorne Road Winston-Salem, N.C. USA 27103

Tel: (919) 748-2846

TECHNOLOGY ACCESS REPORT

Newsletter covering technology transfer, management and development. It offers information in all areas of interest such as technologies offered or requested, innovation workshops, meetings being held in such areas as artificial intelligence, innovation, news on foreign research and various alliances and consortia. Newsletter is published monthly.

Technology Access Report

P.O. Box 778

Inverness, California U.S.A. 94937

Tel: (415) 669-7236 Fax: (415) 663-9410

TECHNOLOGY TRANSFER DIRECTORY

Lists commercial brokerage firms, government agencies, chambers of commerce, universities, techparks, research institutes, business development centres, industrial firms,



inventors, organizations, patent organizations, conferences, directories and other publications, databases. Government agencies are arranged geographically and all others alphabetically.

Technology Transfer Directory GRQ Inc.

19E Central Avenue Paoli, Pennsylvania USA 19301

TECHNOLOGY UPDATE

A weekly review of international technological developments in a variety of fields, targeted at researchers and executives. Subscription fee is US\$200 per year. ISSN 0732-5533.

Predicasts

11001 Cedar Avenue Cleveland, Ohio U.S.A. 44106

Tel: 1-800-321-6388 Tlx: 985 604

TECH NOTES - NEW TECH-NOLOGY APPLICATIONS DEVELOPED BY U.S. GOVERNMENT

One-page summaries of inventions, software, equipment, processes, and techniques considered most promising from those developed by federal laboratories, agencies, and their contracts; includes contacts for further information and any related publication. Approx 100-200 pages per monthly issue. \$157.00 US per year. Online through BRS Information Technologies Inc. as part of the "Federal Applied Technology Database"

Tech Notes - New Technology Applications

Developed By U.S. Government Centre for Utilization of Federal Technology National Technical Information Service Department of Commerce 5285 Port Royal Road Springfield, Virginia USA 22161 Tel: (703) 487-4630

TECH TRANSFER REPORT

A monthly newsletter covering commercial opportunities at the federal laboratories run by departments of Energy, Defense and Commerce. Informs the reader of current developments in new technology, licensing, cooperative R&D agreements, patents and ongoing policy and legislative proceedings.

Tech Transfer Report

McGraw-Hill, Inc. 1221 Avenue of the Americas 36th Floor New York, NY 10124-0027

Tel: (212) 512-6310 Toll Free: 1-800-223-6180

T'SQUARED

A monthly newsletter highlighting national (USA) and international technology transfer activities. Available in English to members of the Technology Transfer Society. Yearly membership for U.S. residents is \$65; international rate is \$80.

Technology Transfer Society

611 North Capitol Avenue Indianapolis, Indiana U.S.A. 46204

Tel: (317) 26205022 Fax: (317) 262-5044

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A newsletter covering technology dealing with fuels; energy; power; engines; heat transfer; energy generation, sources, conversion, conservation; environmental aspects of energy generation and utilization; and many other topics involving the energy arena. Twelve issues per year. Detailed reports on these technologies are offered for sale in the \$25 to \$200 price range. Subscription price is US\$189 for delivery in Canada by first class mail.

Innovator's Digest

P.O. Box 15640 Plantation, Florida U.S.A. 33318-5640

Tel: (305) 473-9560

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Abstracts of new technologies/products available for licensing form the major portion of this bi-monthly publication. Other contents include licenses sought, joint venture proposals, news items on actions of government departments and large companies around the world related to technology, patenting, etc., a listing of meetings/expositions/seminars, and relevant books/reports. Annual subscription is US\$120.

Techni Research Associates, Inc. Willow Grove, Pennsylvania U.S.A. 19090

USSR

LICENSINTORG

A periodical describing various technological developments. Brochures specific to individual technologies that are available for license are also distributed under this name. No subscription fees. ISSN 0234-2855.

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This journal is devoted to the issues of economic and technical coopera-



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Development and South-South Cooperation

Centre for International Cooperation and Development CIDC P.O. Box 97 Kardeleva poscad I 61109 Ljubljana, Yugoslavia Tel: (061) 347-597, 343672

Fax: (061) 343-696

INFORMATION SYSTEM OF TECHNOLOGIES & PROJECTS

Computer database of Yugoslavian technologies and projects. This information is also available in various catalogues and brochures. Includes complete appliance assembly plant etc.

Research Centre for Cooperation with Developing Countries

RCCDC Ljubljana-Yugoslavia Kardeljeva ploscad I 61109 Ljubljana, YUGOSLAVIA Tel: (YU)(061)343684, 343672+386134684, 343672 Tlx: 32139 YUJCS/DVR

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Computer Databases of New Technologies

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COMPUTER DATABASES OF NEW TECHNOLOGIES

Eligible entries in this category include computer databases which were substantially created and are currently maintained by international organizations and which can be utilized or accessed by the public in the search for new products or technologies.

A large and growing number of computer databases can be utilized to search for new products and technologies. For purposes of discussion, these databases may be grouped or categorized as follows:

Thousands of computer databases exist in Canada and internationally to assist firms seeking contacts, information and external help in innovation, technology transfer and successful product development. These databases can provide a wide range of information relative to technology transfer, including such things as identification of new technology opportunities, market information and identification of expertise.

- A number of selected databases have been grouped into the following categories: Food and Beverages, Electronics, Energy, Cosmetics, Advanced Industrial Materials, Technology Exhibitions, Patents and Trademarks, General, Forest Products, News, Robotics, Computers, Communications, Aerospace, Biotechnology, Aquatic Sciences, Agriculture, Consultants, Medicine/Health, Information Sciences, Construction, Business and Defense.
- Firms should be aware that there are many more databases than those listed here, and that a more complete selection can be obtained from sources such as the Directory of Online Databases, found in Section A, or from several Databases of Databases listed at the beginning of Section B.
- Specialized knowledge and skills are required to effectively and economically search these databases. Such expertise is listed in Section C.
- Many of these databases are accessed through a relatively small number of on-line service systems or "hosts", which contain a large number of databases covering a wide range of categories or fields.
 Some of these include:



DIALOG INFORMATION SERVICES INC. - accesses over 300 bibliographic and textual databases and provides international coverage in scientific and business fields. Subscription fee: \$US25. Usage rates range from \$.58 to \$2.55/min.

Contact: (416) 593-5211

DATA STAR - accesses European information. Licenses databases in such things as business, science and technology.

Contact: Laupenstr. 18 CH-3008 Berne, Switzerland

Tel: 031-659 111

BRS INFORMATION TECHNOLOGIES - accesses more than 500 international databases in biomedicine, science, technology, business, economics, social science, the humanities, etc.

Contact: 8000 Westpark Dr. McLean, VA USA 22100 Tel: (703) 442-0900

NEWSNET, INC. - accesses newsletters and other specialized business information.

Contact: 945 Haverford Rd. Bryn Mawr, PA USA 19010

Tel: (215) 527-8030

COMPUTER READABLE DATABASES

Online Service: DIALOG

The database of databases contains descriptions of about 4200 databases available internationally.

NEWS

Online Service: FIZ Technik

Two databases which access the online databases in the Federal

Republic of Germany.

Available in English and German.

REBK (REPERTOIRE DES BANQUES DES DONNÉES EN CONVERSATIONNEL)

Contains references to over 1200 databases available online in France.

Available in French only.



ALPHA - DATENBANK

Online Service: Genios Wirtschaftsdatenbanken Contains descriptions of 1700 worldwide databases available in the Federal Republic of Germany. Covers business, life and social sciences, medicine and technology. Available in German only.

"GENERAL" NEW PRODUCT/NEW TECHNOLOGY DATABASES

These databases are non-specialized by technical category and thus may include listings that vary from electronic devices to new materials to chemical process catalysts and beyond. Many governments and national business organizations develop such databases as an aid to diffusing technological innovation developed by their nationals. A number of private technology consulting firms also have developed such "general" databases.

Most of these "general" databases are not "on-line" and thus must be accessed by contacting the appropriate organization by telephone/fax/telex/ mail. The Technology Inflow Program (TIP), with officers stationed at various Canadian embassies, can assist in accessing many of these databases in foreign countries.

The longest established of the "general" new product/new technology databases is:

Dr. Dvorkovitz & Associates

Tel: (904) 677-7033

World Bank of Licensable Technology

Fax: (904) 677-7113

P.O. Box 1748

Tlx: 494-0321

Ormond Beach, Florida U.S.A.

This database, containing approximately 20,000 listings, is long-established. Franchised affiliates in such countries as Italy and Japan have been recently established, which should lead to further enrichment of the database over time. The database was once on-line, but returned to off-line some years ago due to economics. New cost-effective computer technology has now permitted a return to on-line access.



AMERICAN BULLETIN OF TECHNOLOGY TRANSFER

Online Service: International Advancement, Inc. Contains full text of American Bulletin of Technology Transfer, a newsletter listing descriptions of offers and requests for international joint-venture and licensing agreements. Annual subscription of \$75 required.

APPLIED SCIENCE & TECHNOLOGY INDEX

Online Service: WILSONLINE Contains about 272,000 citations to articles, book reviews, interviews, new product reviews, and selected editorials and letters to the editor in 336 English-language publications in the applied sciences and technology.

ARISTOTELE

Online Service: Serveur Unversitaire National de l'information Scientifique et Technique (SUNIST) Contains 500 references to technology resources for organizations in the Rhone-Alpes region of France. Covers regional government agencies, trade organizations, research and technical centers, scientific organizations, and private consultants in the areas of agriculture, chemistry, energy, environment, health science, information science. materials, measurement and controls, mechanical and civil engineering, and physics. Available in French.

ARTHUR D. LITTLE/ONLINE

Online Service: DIALOG Information Service, Inc. (File 192) Contains more than 1500 citations to, or full text of, non-exclusive publications produced by Arthur D. Little, Inc., its divisions and subsidiaries. Includes industry forecasts, technology assessments, product and market overviews, corporate profiles

and assessments, and opinion research. Surcharge of \$100 required on selected Executive Summaries and full text articles.

ASAHI NEWS SERVICE

Online Service: Mead Data Central, Inc. (ASAHI) (as a NEXIS database); PROFILE Information Contains full text of the Asahi News Service, covering international news and political, economic, technological, and cultural developments in Japan and the Far East. Subscription to Mead Data Central required.

B.E.S.T. GREAT BRITAIN

Online Service: Longman Catermill Limited Contains information on over 22000 scientists and researchers in the UK in public sector institutions. Covers 250 scientific and technical areas. Annual subscription required.

DR. DVORKOVITZ & ASSOCIATES

This database, containing approximately 20,000 listings, is longestablished. Franchised affiliates in such countries as Italy and Japan have been recently established, which should lead to further enrichment of the database over time. The database was once on-line, but returned to off-line some years ago due to economics. New cost-effective computer technology has now permitted a return to on-line access.

Dr. Dvorkovitz & Associates

World Bank of Licensable Technology P.O. Box 1748 Ormond Beach, Florida U.S.A.

Tel: (904) 677-7033 Fax: (904) 677-7113 Tlx: 494-0321

FACTORY AUTOMATION NEWS

Online Service: Data-Star (PTBN) (as part of PTS NEWSLETTER DATABASE); DIALOG Information Services, Inc. (File 636) (as part of PTS NEWSLETTER DATABASE); NewsNet, Inc. Contains full text of Factory Automation News, a monthly newsletter on technical and commercial developments in industrial automation. Covers new products and applications, industry trends, and corporate news, including new ventures and licensing agreements. Monthly subscription to NewsNet required; differential charges for subscribers and non-subscribers to Factory Automation News.

FACTS ON FILE WORLD NEWS DIGEST

Online Service: DIALOG Information Services, Inc. (FACTS ON FILE) (File 264); Mead Data Central, Inc. (FACTS) (as a NEXIS database) Content: Contains full text of Facts on File World News Digest, providing news summaries of current events worldwide. Covers politics, foreign affairs, government, business, the economy, arts, sports, and medicine. Subscription to Mead Data Central required.

FEDERAL APPLIED TECHNOLOGY DATABASE

Online Service: BRS (FATD); BRS/Colleague (FATD) Contains information on technical products, processes, and services developed or maintained by U.S. federal government agencies and available to the private sector for practical or commercial applications.

FEDERAL RESEARCH IN PROGRESS

Online Service: DIALOG Information Services, Inc. (Files 265, 266) Contains descriptions of and refer

ences to research in progress and recently completed research sponsored primarily by federal government agencies. Covers basic and applied research in all areas of the life, physical, social behaviourial, and engineering sciences. Records from the National Aeronautics and Space Administration (NASA) and U.S. Department of Energy (DOE) are available only in the U.S.

FOCUS ONLINE

Online Service: Focus Research Systems, a company of The Dun & Bradstreet Corporation (D&B). Contains information on computer hardware, software, data communications, telecommunications and office automation products installed or planned for purchase in approximately 350,000 companies.

FUJITSU WEEKLY

Online Service: Data Star or DIA-LOG Contains information on new products, technical developments, production capacity, major orders, license arrangements and marketing plans.

HIGH TECH **INTERNATIONAL**

Online Service: Data-Star; DIALOG or NewsNet Contains information on hightech industries and business trends in the FRG and Europe C..... marketing, production, patents and licenses and technology transfer. Subscription NewsNet required, differential changes for subscribers and non-subscribers of High Tech International Magazine.

HIGH TECHNOLOGY BUSINESS

Online Service: Mead Data Central, Inc. Covers trends in the application of new technologies in business and industrial settings.

INFORMAT INTERNATION-**AL BUSINESS**

Online Service: Data Star or DIA-LOG Contains over 500 000 summaries of business news reports from 425 worldwide publications. Includes information on marketing, advertising new products, services and technologies.

INFORMATION AND TECHNOLOGY TRANSFER DATABASE

Online Service: International Research Evaluation Contains over 3 million citations covering various subjects such as energy, justice, waste management, fibre optics, lasers, medicine, health, transportation and agriculture.

INNOVATOR'S DIGEST

Online Service: NewsNet, Inc. Provides citations, with abstracts, to selected reports on technological innovations. Covers products, materials, processes, techniques, and current research in such fields as agriculture, biomedicine, communications, construction, computers, electronics, engineering, energy, and manufacturing. Subscription to NewsNet required.

INSIDE R&D

Online Service: Data-Star DIALOG: Mead Data Central, Inc.; and News-Net Inc. Contains information on developments with industrial potential available for licensing. Covers chemistry, electronics, materials engineering, instrumentation, biotechnology, robotics, and emerging technologies. Subscription to Mead Data Central required; monthly subscription to NewsNet required, with differential charges for subscribers and non-subscribers to Inside R&D.

THE JAPAN **ECONOMIC JOURNAL**

Online Service: Mead Data Central. Inc. Contains information on developments in Japanese industry, technology, finance, and the raw materials markets. Also covers company, product, and industry information for such industries as chemicals and textiles, construction, electricals and electronics, computers, food, and leisure. Subscription required.

JAPAN HIGH TECH REVIEW

Online Service: NewsNet, Inc. Contains information on Japanese high technology industries, including computer hardware and software, data communications, fiber optics video technologies, television, and robotics. Subscription to Newsletter required.

JAPAN REPORT: PRODUCT **OPPORTUNITIES**

Online Service: Data-Star; DIALOG Contains full text of Japan Report: Product Opportunities, a monthly newsletter on Japanese products and technologies available to non-Japanese firms for licensing, distribution rights, and other business relationships.

IAPAN SCIENCE SCAN

Online Service: Data-Star; DIALOG; NewsNet, Inc. Contains full text of Japan Science Scan, a weekly newsletter on current Japanese scientific research, environmental policy, medical news, and health-related articles. Monthly subscription to NewsNet required; differential charged for subscribers and nonsubscribers to Japan Science Scan.

IICST FILE ON CURRENT SCIENCE AND TECHNOLO-GY RESEARCH IN JAPAN

Online Service: The Japan Information Center of Science and Technol



ogy (JICST) Contains descriptions of and references to research in progress in Japan. Includes both current and recently completed basic and applied research in the fields of engineering, science, and technology, with primary coverage of research sponsored by government agencies. Available in Japanese only.

IICST FILE ON GOVERN-MENT REPORTS IN JAPAN

Online Service: The Japan Information Center of Science and Technology (JICST) Contains citations, with abstracts, to reports of research and development projects sponsored by the Japanese government. Covers engineering and technology. Available in Japanese only.

JICST FILE ON SCIENCE, TECHNOLOGY, AND MEDICINE IN JAPAN

Online Service: The Japan Information Center of Science and Technology (JICST); STN International (JIC-ST-E) Contains about 690,000 citations, with abstracts, to scientific. technical, and biomedical literature published in Japan. Covers chemistry, biochemistry, and life sciences; pharmacology; medicine; electrical engineering and electronics; civil engineering and architecture; mechanical engineering; metallurgy and mining engineering; physics; space and earth sciences; and miscellaneous technologies.

IICST FILE ON SCIENCE AND TECHNOLOGY

Online Service: The Japan Information Center of Science and Technology (JICST) Contains citations, with abstracts, to the worldwide literature on chemistry, civil engineering and architecture, electronics and electrical engineering, energy, environmental pollution, life sciences, management science, mechanical

engineering, nuclear engineering, pure and applied physics, and systems engineering. Available in Japanese only.

I-TIES

Online Service: COM-NET Contains about 5000 citations, with abstracts and evaluations, to papers presented at Japanese-language conferences, seminars, and professional meetings. Covers 8 high technology fields: semiconductor electronics, including silicon-based and compounds, integrated electronics, optoelectronics, new ceramics and superconductors, artificial intelligence, computers and communication, and image processing. Various subscriptions options ranging from \$15,000 to \$40,000 to J-ties required; initiation fee of \$40 and monthly minimum of \$10 to COM-NET required.

PMI CONTACT

Online Service: Chambre Regional de Commerce et d'Industrie Languedoc-Roussillon Contains announcements of French industrial business opportunities, including domestic and foreign joint venture, stock offers, businesses for sale, industrial properties, markets or capital sought, and patents, licenses, and new products. Non-subscribers can access the text of the announcements without the contact information. Available in French, Annual subscription fee of about \$85 required.

PRODUKT (NEUE PRODUKTE UND VERFAHREN)

Online Service: Gesellschaft fuer Betriebswirtschaftliche information mbH (GBI) Contains about 30,000 references to new German products, processes, and technologies. Includes product description and vendor name. Sources include press releases and trade periodicals. Available in German only

PTS NEW PRODUCT ANNOUNCEMENTS/PLUS

Online Service: Data-Star (PTNP): DIALOG Information Services, Inc. (File 621) Contains full text of about 110,000 press releases from over 15,000 companies on new products and technologies and corporate activities. Covers announcements of new products and services, product modifications, and new technologies and processes from manufacturers, distributors, and service companies in nearly 60 industries.

SITRAFO

Online Service: STN International Contains references to about 1500 current research projects at the Universitaet Karlsruhe, the Universite Louis Pasteur, and universities and research institutes in West Berlin. Covers projects with potential for technology transfer. Includes descriptions and contact information.

SOVIET SCIENCE AND TECHNOLOGY

Online Service: DIALOG Information Services, Inc. (File 270) Contains about 120,000 citations, most with abstracts, to the scientific and technical literature published in the Soviet Union and other Soviet-bloc countries, with a focus on technology applications. Includes aerospace, aeronautics, computer technology, cybernetics, earth science, energy use and conservation, environmental sciences, fuels and petroleum products, geosciences, metallurgy, meteorology, pollution abatement and control, robotics, solar energy, and telecommunications.

SOVIET **TECHNOLOGY ALERT**

Online Service: Data-Star; DIALOG Contains full text of Soviet Technology Alert, a monthly newsletter on advanced materials and technolo-



gies developed in Soviet-bloc countries. Includes contract and licensing opportunities in those countries.

SSIE CURRENT RESEARCH

Online Service: DIALOG Contains descriptions of and references to research in progress and recently completed research sponsored by government agencies, major foundations, individuals, universities and colleges.

TECHNICAL REPORTS DATABASE

Online Service: Defense Technical Information Centre (DTIC) Contains over 1.4 million citations to reports on the results of U.S. Department of Defense-sponsored scientific and technical research, development, test, and evaluation projects. Covers defense-related subjects and such scientific and technical topics as biology, chemistry, energy, environmental sciences, oceanography, computer sciences, sociology, and human factors engineering. Available only to organizations registered with the U.S. Department of Defense: registration is open to U.S. government agencies and their contractors or grantees.

TECHNO-SEARCH

Online Service: Heiwa Information Centre Co., Ltd. Contains about 325,000 citations, abstracts, and edited news stories from 5 major Japanese industrial and technical newspapers. Available in Japanese

TEKTRAN (TECHNOLOGY TRANSFER AUTOMATED RETRIEVAL SYSTEM)

Contains over 7000 summaries of results from research projects undertaken by USDA-ARS. Research reported in the database has been completed and reviewed but, in most cases, has not yet been published. Covers genetic engi-

neering, human nutrition, crop and animal production and protection, farm products processing, soil and water conservation, and water quality management. Access limited to US users

ADVANCED COATINGS & SURFACE TECHNOLOGY

Online Service: Data-Star; DIALOG; NewsNet, Inc. Contain full text of Advanced Coatings & Surface Technology, a monthly newsletter on coating materials and processes for adding corrosion resistance, extra strength, and other desirable properties to a variety of substrate material. Monthly subscription to NewsNet required; differential charged for subscribers and non-subscribers to Advanced Coatings & Surface Technology.

Limited to a specialized area or industry, such databases are frequently maintained by industry associations, research organizations or government departments.

THOMAS NEW INDUSTRIAL PRODUCTS

Online Service: DIALOG Information Services, Inc. (File 536) Contains descriptive and technical information on over 34,000 new industrial products and systems worldwide. Includes product and trade name, synonyms, model number, Standard Industrial Classification (SIC) code, features, performance specifications, uses, and price.SPECIFIC SECTOR NEW PRODUCT/NEW TECHNOLOGY DATABASE

ADVANCED COMPOSITES BULLETIN

Online Service: Data-Star; DIALOG Contains full text of Advanced Composites Bulletin, a monthly newsletter on research, development, and applications in advanced composite materials, metal matrix composites, and reinforced plastics and ceramics.

ADVANCED MANUFACTUR-ING TECHNOLOGY

Online Service: Data-Star; DIALOG Mead Data Central; Inc. (ADMANF); NewsNet, Inc. Contains full text of Advanced Manufacturing Technology, a biweekly newsletter on robotics and manufacturing technology. Covers artificial intelligence, automated machining, lasers, products and applications, and company news. Monthly subscription to NewsNet required; differential charges for subscribers and nonsubscribers to Advanced Manufacturing Technology; subscription to Mead Data Central required.

ADVANCED MEDICAL INFORMATION SERVICES

Online Service: AMS Corporation Contains news, literature references, and other information and electronic services for physicians, hospital administrators, and public health officials in Japan. Available in Japanese.

AEROSPACE DATABASE

Online Service: DIALOG Information Services, Inc. (File 108) Content: Contains over 1.5 million citations, with abstracts, to the worldwide published and unpublished literature on research and development in aerospace and related technological areas. Access limited to users within the U.S.; intended only for organizations or persons whose primary activities are within the U.S. or its territories.

THE AEROSPACE INDUSTRY COMPETITIVE INTELLIGENCE DATABASE

Online Service: Strategic Intelligence Systems, Inc. (SIS) Contains citations, with abstracts, to periodical literature on the aerospace



industry. Covers industry trends. technical developments, legislation and regulation, international markets, and company news, including new products, contract awards. mergers, acquisitions, joint venture, and financial performances, Subscription required.

AGREP (AGRICULTURAL RESEARCH PROIECTS)

Online Service: Datacentralen: DIMDI Contains over 25.000 descriptions of current agricultural research projects in member countries of the European Economic Community (EEC). Covers conservation and natural resources, land use and development, animal production, veterinary medicine, food and nutrition, fisheries, forestry, agricultural economics, and rural sociology.

APPLIED GENETICS NEWS

Online Service: NewsNet, Inc. Contains fu4ll text of Applied Genetics News, a monthly newsletter covering business and technological developments in biotechnology and genetic engineering. Monthly subscription to NewsNet required; differential charged for subscribers and non-subscribers to Applied Genetics News.

AQUACULTURE

Online Service: DIALOG Information Services, Inc. (File 112) Contains citations, with some abstracts. to literature on the growing of marine, brackish, and freshwater organisms. Subjects covered include disease, economics, engineering, feed and nutrition, growing requirements, legal aspects, and life history. Hydroponic techniques are not included.

AQUATIC SCIENCES AND FISHERIES ABSTRACTS

Online Service: BRS/Colleague CISTI CISTI; Canadian Online Enquiry Service (CAN/OLE); (ASFA); DIALOG; DIMDI (ASFA); ESA-IRS; Universidad Nacional Autonoma de Mexico, Servicio de Consulta a Bancos de Información (SECOBI). Contains about 280,000 citations, with abstracts, to worldwide literature on the science, technology, and management of marine, brackish, and freshwater environments.

ARTIFICIAL INTELLIGENCE

Online Service: Date-Star: The Turing Institute Access through The Turing Institute limited to its affiliates. Contains over 50,000 citations. with abstracts, to the worldwide literature on artificial intelligence. Covers expert systems, knowledge representation, natural language. machine learning, computer vision, robotics, and interactions between humans and computers.

BIOBUSINESS

Online Service: BRS (BBUS); BRS/Colleague (BBUS); Central Institute Scientific and Technical Information; Data-Star (BBUS); DIA-LOG: ESA-IRS (File 137) Contains about 164,000 citations, with abstracts, to the worldwide periodical literature on business applications of biological and biomedical research. Covers agriculture and forestry, food technology, genetic engineering, pharmacetical products, and other industries affected biotechnological developments.

BIOTECHNOLOGY **ABSTRACTS**

Online Service: DIALOG Information Services, Inc. (File 357); ORBIT Search Service (BIOTECHNOLOGY) Contains about 75,000 citations. with abstracts and indexing, to the worldwide journal and patent literature on biotechnology, including microbiology, genetic manipulation, biochemical engineering, fermentation, down-stream processing, pharmaceuticals, industrial uses of micro-organisms, plant breeding, cell hybridization, and industrial waste management. Differential charges for subscribers and nonsubscribers to Biotechnology Abstracts.

BIOTECHNOLOGY INVEST-MENT OPPORTUNITIES

Online Service: Newslet, Inc. Contains full text of Biotechnology Investment Opportunities, a newsletter on investment opportunities in genetic engineering. Covers initial public stock offerings, company profiles and activities, current research, emerging markets and commercial applications, industry trends, and relevant government policies and activities. Monthly subscription required.

BIOTECHNOLOGY NEWSWATCH

Online Service: DIALOG Information Services, Inc. (File 624) (as part of McGRAW-HILL PUBLICATIONS ONLINE); Dow Jones News/Retrieval (as a DOW JONES TEXT-SEARCH SERVICES database (see)); Mead Data Central, Inc. (BIOTEC) (as a NEXIS database) Contains full text of Biotechnology Newswatch, a newsletter on biotechnology and the international biotechnology industry. Annual fee of \$18 to Dow Jones required; subscription to Mead Data Central required.

THE BREADS & CEREALS **INDUSTRY COMPETITIVE** INTELLIGENCE DATABASE

Online Service: Strategic Intelligence Systems, Inc. (SIS) Provides information on the manufacture and marketing of breads, cereals



and pasta products. Covers industry trends, consumer attitudes, advertising, new products and company news. Subscription or monthly minimum required.

BREW - INFO

Online Service: European Brewery Convention (EBC) Contains about 32 500 citations to worldwide scientific, technical and business literature on the brewing industry. Covers such things as brewery design, installation, management, raw materials analysis and processing and distribution.

BUSINESS

Business is a newly established European database on worldwide trade opportunities and business contacts for manufacturing, marketing, services, cooperations and research and development. Business opportunities are taken from a wide range of traditionally published exchanges, exhibition catalogues and directories. Also included are original company/institute profiles stating corporate data and specific business interests. Main database language is English abstracts are in English, French or German depending on the country at which the particular business opportunities are aiming. Business is accessible on-line via the two leading EURONET hosts DATASTAR (CH) and INKA (D). Customers may store their own product offers/demands in the database.

Business

Online GMBH
Poststrasse 42
D-6900 Heidelberg West Germany

Tel: (06 221) 21536 Tlx: 461782

BUSINESS COOPERATION NETWORK - BC NET

A computer database of international business opportunities, emphasizing business cooperation via joint ventures and similar arrangements. Some of the opportunities involve technology transfer. Copies of the latest listings, and also application forms of canadian firms wishing to be listed on this database to either seek or offer opportunities are available from:

Commission of the European Communities

80, rue d'Arlon B-1040 Brussels Belgium

Tel: 02/230 3949 02/230 4091 Fax: 02/236 2572 Tlx: 61655 BURAP

CLAIMS/U.S. PATENTS

Online Service: DIALOG; ORBIT Search Service (CLAIMS); STN International (IFIPAT) Contains about 1.7 million citations to granted U.S. utility patents, reissued patents, and defense publications announced in the U.S. Patent Office Official Gazette. Equivalent patents issued by Belgium, Federal Republic of Germany, France, Great Britain, and the Netherlands are also included for chemical patents.

COMPANY AND INDUSTRY REPORTS

Online Service: Mead Data Central, Inc. (COIND) (as a LEXIS Financial Information Service database) Contains full text of research reports on U.S. and multinational companies and industries prepared by analysts at about 30 regional, national, and international investment banking, brokerage, and research firms. Subscription to Mead Data Central required.

THE CONFECTIONERY INDUSTRY COMPETITIVE INTELLIGENCE DATABASE

Online Service: Strategic Intelligence Systems, Inc. (SIS) Contains citations, with abstracts, to periodical literature on the manufacture and marketing of candy and other sweet snacks. Covers industry trends (e.g., market for artificially sweetened confections), consumer attitudes, processing, packaging, distribution, advertising campaigns, and company news, including new products, mergers, acquisitions, and financial performances. Subscription required.

CONSULTANT DATA BASE

Online Service: Ja Net't Global Contains references to approximately 30,000 consultants to industry and government. Provides name, address, telephone number, education, professional experience, honors and awards, publications, areas of expertise, geographic limitation on consulting, and fees. Monthly subscription of \$25 required; members of Chambers of Commerce pay \$5 per year.

CONSULTANTS AND CON-SULTING ORGANIZATIONS DIRECTORY (CCOD)

Online Service: Executive Telecom System, Inc., The Human Resource Information Network (ETSI/HRIN) Contains information on over 16,000 organizations and individuals available as consultants to business, industry, and government. Covers agriculture, lecture, art, business and finance, computers and data processing, education, engineering, science and technology, environment, health and medicine, human resources management, manufacturing, marketing and sales, and social studies. Annual subscription to ETSI/HRIN required.



THE COOKIE INDUSTRY COMPETITIVE INTELLI-**GENCE DATABASE**

Online Service: Strategic Intelligence Systems, Inc. (SIS) Contains citations, with abstracts, to periodical literature on the manufacture and marketing of cookies. Covers industry trends, processing, packaging, distribution, advertising cam-. paigns, and company news, including new products, mergers, acquisitions, and financial performances. Subscription required.

DATA BANKS OF **INTEREST TO SME'S**

This database is an on-line service which charges a fee for set-up, access and retrieval. It covers areas such as agriculture, textiles, chemicals, food, commerce, technology, energy, law, general information i.e. brokers, information and terminology.

Data Banks of Interest to SME's

Commission of the European Communities SME Task Force L-2985 LUXEMBOURG

DEFENCE TECHNOLOGY ENTERPRISES LTD. (DTE)

A private sector firm focussing on commercializing technologies developed in British defence laboratories. Over 500 such technologies, which have non-defence applications, are on an off-line database.

Defence Technology Enterprises Ltd.

Norfolk House 433a Silbury Boulevard Central Milton Keynes MK9 2HA, **ENGLAND**

Tel: 0908 660245 Fax: 0908 668122

DIRECTORY OF **ONLINE DATABASES**

Directory is published quarterly. Annual subscription rates is US\$110 plus \$18 delivery costs. Has wide

range of databases listed covering topics such as newsletters, publication, company information databases, technology databases, medical, sciences and a host of other database.

Directory of **Online Databases**

Cuadra/Elsevier 52 Vanderbilt Avenue New York, New York U.S.A. 10017

Tel: 212-370-5520 Tlx: 420643

DOE ENERGY

Online Service: DIALOG; STN International (ENERGY); U.S. Department of Energy, Integrated Technical Information System (DOE) Contains about 2.2 million citations, with abstracts (since June 1976), to literature in all fields of energy. Covers all unclassified scientific and technical information processed by the DOE Office of Scientific and Technical Information in Oak Ridge. Tennessee. Accessible through DIA-LOG only in countries with which DOE has bilateral exchange agreements, and through STN only in some European countries by specific bilateral agreement.

DOMIS (DIRECTORY OF MATERIALS DATA INFOR-MATION SOURCES)

Online Service: ECHO Service Contains references to information sources and properties for the materials industry. Covers metals, alloys, and steel; ceramics and glass; composite materials, coatings, and joints; plastics and rubber; electricity and electronics; and wood and other organics.

ECHO DATABASE

Echo is a non-commercial organization offering access to unique databases and databanks either wholly or partly sponsored by the CEC which are not available on any

other on-line host service. These are multilingual, mainly of a European nature and range from information on research projects, reports, research organizations and a multilingual terminology databank to user guidance files of interest to the whole European on-line user community.

Echo

Echo Customer Service CP 23673

L-1023 LUXEMBOURG Tel: +352.48.80.41 Fax: +352-48.80.40 Tlx: 2181 eurl lu

ELECTRONET INFORMATION SYSTEMS

Online Service: Electronet Information Systems Contains 3 files of information on information technology and factory automation; TECHNOLOGY DATABASE, TECH-NOLOGY WATCH, and TECH EXTRA. Initiation fee of \$595 required.

ENERGY INFORMATION DATABASE

Online Service: International Research & Evaluation Contains over 87,000 citations, with abstracts, to energy-related publications. Topics covered include solar energy, bioconversion/biomass, ocean energy, photovoltaics, photoconversion/ chemical energy, wind energy, process heat, hybrid/total energy systems, and models and simulations.

ENGINEERED MATERIALS ABSTRACTS (EMA)

Online Service: DIALOG; ESA-IRS. ORBIT Search Service (EMA); STN International. Contains about 45,000 citations, with abstracts, to the worldwide literature on the development, processing and production of ceramic, composite, and polymeric materials for engineering uses.



EURONET DIANE

Euronet Diane publishes a series of information retrieval materials including a directory of databases and databanks plus "An Introduction to On-Line" which explains what a database is and how to effectively use it to retrieve valuable information.

Euronet Diane

The European Information Market Development Group 77 Route d'Esch L-1471 Luxembourg

Tel: +352-488041

Tlx: 2181

EUR OP DATABASE

Eur op database offers a number of different databases covering topics in bibliographic research, community law, tenders and news of the EEC legislation. It also offers information on external trade.

Eur op Database

2, rue Mercier L-2985 LUXEMBOURG

Tel: +352-49.928-2563 Fax: +352-48-85-73 Tlx: 1322 s; ubof lu

EUROPEAN PATENTS REGISTER

Online Service: European Patent Office; Telesystemes-Questel (EPAT) Contains bibliographic and legal status information on over 305,000 published European patent applications and 100,000 patents from the start of the European patent procedure (June 1978). Subscription fee of 250DM (German marks) to the European Patent Office required for access through EPO.

FAIRBASE

Online Service: BRN (FAIR); BRS After Dark (FAIR); BRS/Colleague (FAIR); Data-Star (FAIR); FIZ Technik (FAIR) Contains about 32,000 refer ences, with some abstracts and statistics, to trade fairs, exhibitions, conferences, and meetings in over 100 countries.

FOHA (FORSCHUNGSVORHABEN)

Online Service: DIMDI Contains references to about 550 current German research projects in agriculture, nutrition, veterinary medicine, and forestry. German with titles also in English.

FOOD, COSMETICS AND DRUG PACKAGING

Online Service: Data Star or DIA-LOG Contains information on the technologies and regulations applicable to the packaging of food, cosmetics and drugs.

THE FOOD INDUSTRY COMPETITIVE INTELLIGENCE DATABASE

Online Service: Strategic Intelligence Systems, Inc. (SIS) Includes information on the manufacture and marketing of food products. Covers industry developments consumer attitudes, packaging, distribution, advertising etc. Subscription or monthly minimum required.

FOOD MARKET AWARE-NESS DATABASE (FMAD)

Online Service: Leatherhead Food Research Association (LFRA) Contains almost 25 000 citations on marketing in the food and beverage industry. Covers advertising, exports and consumption for ingredients and commodities. Various subscriptions available.

FOODS ADLIBRA

Online Service: DIALOG Contains about 170 000 citations on research and development in food technology and packaging.

THE FROZEN FOODS INDUSTRY COMPETITIVE INTELLIGENCE DATABASE

Online Service: Strategic Intelligence Systems, Inc. (SIS) Contains information on the manufacture and marketing of frozen foods. Subscription or monthly minimum required.

FSTA (FOOD SCIENCE AND TECHNOLOGY ABSTRACTS)

Online Services: CISTI, CAN/OLE, Data Star, DIALOG, DIMDI, ESA-IRS, GEM Gesellschaft fuer elektronische Medien, JICST, Knowledge Index (Food 1), ORBIT Search Services, STN International Contains about 350 00 citations to worldwide literature in food science and technology dealing with all human food commodities and food processing. COSTO accessible only in Canada.

GERMAN BUSINESS SCOPE

Online Service: Data Star, DIALOG or Netslet Covers information on trade, sales and distribution opportunities between West Germany and the USA. Monthly subscription to NewsNet required.

GOETZ SCHAUDE: LICENSE DATA BANK

Over 4,000 technologies from around the world available for licensing. Goetz Schaude is a West German-based technology transfer brokerage and consulting firm, founded in 1972.

Goetz Schaude

Finkenstraße 14 D-7534 Birkenfeld, FRG Tel: 49-0-7231 480723 Tlx: 49-0-7231 481668

HIGH PERFORMANCE TEXTILES

Online Service: Data Star or DIA-LOG Contains information on new materials, processes and applications in high performance textiles and fibres.



HIGH PERFORMANCE PLASTICS

Online Service: Data Star or DIA-LOG Contains information on polymer research and applications in high performance plastics.

HIGH TECH MATERIALS ALERT

Online Service: Data Star. DIALOG or Mead Data Central, Inc. Information on commercial opportunities for advanced materials including polymers, ceramics, metals, reinforcing fibres, composites, optical materials and many more.

HIGH TECH SEPARATION NEWS

Online Service NewsNet Inc. Covers technological, economic, academic, marketing and business aspects of organic and biomolecular separation. Covers liquid and gel chromatography, supercritical fluid separation, affinity technology and much more. Monthly subscription to NewsNet required.

HITACHI WEEKLY

Online Service: Data Star or DIA-LOG Covers new products, technical developments, production capacity, major orders, licence agreements and marketing plans of the Hitachi company.

HTM-DB HIGH TEMPERA-TURE MATERIALS DATABANK

Online Service: Commission of the European Communities (CEC), Joint Research Centre (IRC) Contains over 12 000 records on mechanical properties of engineering materials with an emphasis on high temperature applications.

IBM JAPAN WEEKLY

Online Service: DIALOG or Data Star Covers production, applications, marketing, IBM compatible products made by other companies and relations with Asian companies.

ICC BRITISH COMPANIES DATABASE

Online Service: British Telecom Gold Ltd., DIALOG, Data Star, ICC Information Group Ltd., Knowledge Index. Contains 3 files of descriptive and financial information on limited liability companies in the U.K. Includes ICC Directory of Companies, ICC Financial Data and ICC Sharewatch.

IDEA MANAGEMENT AND PATENT ASSISTANCE CORPORATION (IMPAC)

A new product marketing and patent development firm. IMPAC'S new product and technology database, the IMPAC report, contains thousands of new products and technologies available for licensing broken down by product category. Free data base searches are available for companies with an interest in licensing.

Alan L. Kosow, Licensing Manager Idea Management and Patent Assistance Corporation (IMPAC) 2 Main Street Stoneham, Massachussetts U.S.A. 02180

Tel: (617) 279-1100 Fax: (617) 279-9068

INFODATA

Online Service: F12 Technik Contains 47000 citations covering information scans and its applications. Includes information systems, computer languages, utilization research, information policy and administration and documentation. Available in English or German.

INFOWORLD

Online Service: Mead Data Central, Inc. (INFWLD) Contains information on the computer industry. Covers hardware, software, and telecommunications, including new product announcements, industry trends, user group and personnel news. online services, and home and business applications. Subscription to Mead Data Central required.

INTELLIGENT INFORMATION (II)

Database which translates your information needs into the commands necessary to retrieve the answers from a range of databases. Offers wide choice of databases to be searched.

Infotap s.a. B.P. 262

L-2012, LUXEMBOURG

INVENTION SUBMISSION **CORPORATION (ISC)** DATA BANK

ISC's Data Bank adds over a 1,000 new product ideas each year from individuals interested in selling or licensing their concepts to companies.

Invention Submission Corporation (ISC)

903 Liberty Avenue Pittsburgh, Pennsylvania U.S.A. 15222

Tel: (412) 288-1300

JAPAN AUTOMATION REVIEW

Online Service: NewsNet, Inc. Contains information on research, applications, and marketing in the Japanese robotics industry. Covers industrial robots, devices for robots, vision systems, computer-aided manufacturing (CAM) systems, artificial intelligence, and automated guided vehicles. Includes new product announcements. Subscription to NewsNet required.



JAPAN COMPUTER INDUSTRY SCAN

Online Service: Data-Star; DIALOG and; NewsNet, Inc. Contains news of developments in the Japanese computer industry and markets. Covers such topics as research and development, market shares and production quotas, licensing agreements with non-Japanese manufacturer, and the Japanese market for U.S. computer products. Subscription to Newsletter required.

JAPAN CONSUMER ELECTRONICS SCAN

Online Service: Data-Star, DIALOG; NewsNet, Inc. Contains information on new electronics products from Japanese companies. Covers price, availability, and target markets. Subscription to Newsletter required.

JAPAN ECONOMIC DAILY

Online Service: Data-Star; Dow Jones News/Retrieval; General Videotex Corporation/DELPHI; NewsNet, Inc. Contains news on Japanese business, industry, economics, and finance. - Covers developments in computers, robotics, biotechnology, and other high technology industries, as well as government policies and decision making. Annual fee of \$18 to Dow Jones required; initiation fee of \$49.95 required for access through General Videotex Corporation includes user guide and 2 hours of online connect time; monthly subscription to NewsNet required.

JAPAN INFORMATION CENTRE OF SCIENCE & TECHNOLOGY (JICST): ENGLISH DATABASE

Created by the central technical information agency of the Japanese government, this dadabase includes over 300,000 English-language

records covering various fields of technology. It can be searched online via direct connection to Tokyo or via the U.S. 'host' STN. Other offline databases can also be sourced and various services, including translation and Selected Dissemination of Information (SDI), can be accessed.

Canadian Representative:

Japan Science & Technology Information Services 251 Laurier Avenue West, Suite 403 Ottawa, Ontario CANADA K1P 5J6 Tel: (613) 230-4443 Fax: (613) 230-4443

JAPAN REPORT: BIOTECHNOLOGY

Online Service: Data-Star or DIA-LOG Contains information on the Japanese biotechnology industry. Covers research and applications in agriculture, brewing, food processing and pharmaceuticals.

JAPAN RÉPORT: INFORMA-TION TECHNOLOGY

Online Service: Data-Star; DIALOG Contains full text of Japan Report: Information Technology, a monthly newsletter on the Japanese computer industry. Covers computers, integrated circuits, optical disks, peripheral devices, voice systems, workstations, and software.

JAPAN REPORT: MEDICAL TECHNOLOGY

Online Service: Data-Star (PTBN) (as part of PTS NEWSLETTER DATABASE); DIALOG Information Services, Inc. (File 636) (as part of PTS NEWSLETTER DATABASE) Contains full text of Japan Report: Medical Technology, a monthly newsletter on Japanese technology and production of medical diagnostic equipment and materials, therapeutic substances, and prosthetics.

JAPAN REPORT: TELECOMMUNICATIONS

Online Service: Data-Star; DIALOG Contains full text of Japan Report: Telecommunications, a monthly newsletter on the Japanese telecommunications industry. Covers company news, technology, and products.

JAPAN SEMICONDUCTOR SCAN

Online Service: Data-Star, DIALOG; NewsNet, Inc. Contains news and information on competition between the U.S. and Japanese semiconductor industries. Covers analyses of corporate policies and industry trends, including market share data for various products. Monthly Subscription to NewsNet required.

JAPAN TELECOMMUNICA-TIONS SCAN (FORMERLY NTT TOPICS)

Online Service: Data-Star; DIALOG; NewsNet, Inc. Contains news and information on activities of the Nippon Telegraph & Telephone (NTT) Corporation of Japan. Covers NTT's role in Japanese telecommunications, research and development in new technology areas and equipment, news of procurement agreements, and NTT editorials and policy statements. Monthly Subscription to NewsNet required.

JICST FILE ON MEDICAL SCIENCE IN JAPAN

Online Service: The Japan Information Center of Science and Technology (JICST) Contains citations, with abstracts, to Japanese biomedicalliterature, including journals and conference proceedings, published in Japan. Covers biological sciences (e.g., clinical medicine, dentistry, neurology, pharmacology). Corresponds in part to Current Bibliography on Science and Technology. Available in Japanese only.



MATERIALS BUSINESS FILE

Online Service: Centre de Documentation de l'armement (CEDO-CAR): CISTI, Canadian Online Enquiry Service (CAN/OLE); Data-Star (MBUS); DIALOG Information Services, INc. (File 269); ESA-IRS (File 111); ORBIT Search Service (Materials); STN International (MATBUS) Contains over 40,000 citations, with abstracts, to the worldwide literature on technical and commercial aspects of iron and steel, non-ferrous metals, and relevant non-metallic (e.g., polymers, ceramics, composites) materials. Covers product and process developments; applications and competitive materials; plants and engineering; fuel, energy usage, and raw materials; health and safety; regulations; and management, marketing and economics. CISTI only available in Canada.

MATIMOP (ISRAELI INDUSTRY CENTER FOR R&D)

This database handles hundreds of advanced technology projects in a variety of varied fields: biotechnology, computers, mechanical engineering, diagnostics, chemistry, electro-optics and laser, pharmaceutical, agrotechnology, etc. MATIMOP aims its activities at the promotion and implementation of such advanced projects.

Dr. Y. Cahana Director, Technology Transfer

MATIMOP (Israeli Industry Center for R&D) P.O. Box 50364

61 500 Tel Aviv, ISRAEL Tel: 972-3-650150

Fax: 972-3-5101972 972-3-236926

NEWSNET INC.

Database is on-line and delivers timely indepth, inside information from industry newsletters and wire services on companies, products, technologies, and trends covering over 35 industries and professions. Newsnet contains over 320 business newsletters, 10 worldwide newswires delivered in real time, TRW business profiles for company information, stock and commodity quotes; and investext company and industry reviews.

Newsnet Inc.

Customer Service 945 Haverford Road Bryn Mawr, Pennsylvania U.S.A. 19010

Tel: 215-527-8030

PATOS-GERMAN PATENTS AND UTILITY MODELS

Online Service: Bertelsmann InformationsService GmbH Contains over 1.2 million citations, with some abstracts, to first publications by the German Patent Office (Deutches Patentamt) of examined and unexamined patents and patent applications. Available in German only.

PATOS-GERMAN UTILITY MODELS

Online Service: Bertelsmann InformationsService GmbH Contains about 75,000 citations to utility models registered with the German Patent Office (Deutsches Patentamt). Available in German only.

PATOS-PCT APPLICATIONS

Online Service: Bertelsmann InformationsService GmbH Contains about 35,000 citations, with abstracts, to international patent applications published by the World Intellectual Property Organization (WIPO)

PNI (PHARMACEUTICAL NEWS INDEX)

Online Service: BRN (PNII); BRS/Colleague (PNII); DIALOG Information Services, Inc. (File 42); ORBIT Search Service (Pharmaceutical News Index) (PNI) Contains over 275,000 citations to business, legislative, and product news items from major pharmaceutical and medical device newsletters.

PRODUCTSCAN

Online Service: Marketing Intelligence Service Ltd. (MI) Contains descriptions of approximately 62,000 new consumer products introduced in 18 markets worldwide, including North America, Europe, Scandinavia, South Africa, Australia, and New Zealand. Covers over 170 product categories in the areas of food and beverages, household products, pet products, and health and beauty aids.

PROTEAS OF UK

A private European database designed to help organizations exploit their R&D by providing information of their results to prospective research and/or business partners. PROTEAS now encompasses all aspects of R&D under the following headings: Biology and Medicine, Information and Communications technologies, Materials, Industrial Manufacturing Technologies, Energy and the Environment.

PROTEAS of UK

Longman Cartermill Ltd. Technology Centre St. Andrews, Fife, KY16 9EA SCOTLAND UK

Tel: 44-334-77660 Fax: 44-334-77180

PTS AEROSPACE/DEFENSE MARKETS & TECHNOLOGY

Online Service: Data-Star (PTDT); DIALOG Information Services, Inc. (File 80) Contains over 160,000 citations, with abstracts, to the worldwide literature on the aerospace and defense industries. Covers companies, technologies, products, and shipments, as well as land, sea, and air defense systems. Includes such



topics as defense budgets and weapon system appropriations. national military trends and preparedness, sales trends, new technologies and their applications. Differential charges for subscribers and non-subscribers to Aerospace/ Defense Markets & Technology.

THE SNACK FOOD INDUS-TRY COMPETITIVE INTEL-LIGENCE DATABASE

Online Service: Strategic Intelligence Systems, Inc. (SIS) Contains citations, with abstracts, to periodical literature on the manufacture and marketing of snack food items. Covers industry trends (e.g., market for low-salt snacks), legislation and regulation, processing, packaging, distribution, advertising campaigns. overall market activity, and company news, including new products. mergers, acquisitions, and financial performances. Subscription reauired.

TECHBASE R&D

Compilation of nearly 1000 significant, new advances from laboratories around the world. They were discovered and analyzed by the Technical Insight Staff after reviewing thousands of developments. Represent significant developments that offer near-term potential for exploration and are generally available for transfer to another organization.

Technical Insight Inc.

Dept. 00000 P.O. Box 1304 Fort Lee New Jersey U.S.A 07024-9967

Tel: (201) 568-4744 Fax: (201) 568-8247

TECHNOLOGICAL INNOVA-TIONS FROM GERMANY

English language version of the technology database (offers and requests) of the German Chambers of Industry and Commerce. Contains new technology offers and requests dating from November 1986. Earlier listings are on the German-language database Business, and can be accessed on line via the hosts DATASTAR (Bern) and GENIOS (Hamburg). Note that only brief descriptions of these technologies are in English. This information is also available in an English catalogue that can be purchased for 10 DM; however, it would obviously not be as up-to-date as the database. A more complete catalogue in German is available at low cost.

Deutscher Industrie und Handelstag (DIHT)

Referat Forschung und Technologie Adenauerallee 148 5300 Bonn 1, FRG Tel: 104 540

TECNOBASE: TECHNOLO-GY OPPORTUNITIES

Database of Tecnova, containing mainly French technologies. Tecnova is a jointly-owned subsidiary of five large French firms (Banque Française du Commerce Exterieure. Credit Agricole, Elf Aquitaine, Pechiney, Rhone-Poulenc), providing a full range of technology transfer services. Major expertise is in Agro Food and Derivatives, Parachemistry, Energy, Metal and Plastics Processing, Construction and Electronics.

Tecnova

Tour Manhattan - Cedex 21 5-6. Place de l'Iris 92095 Paris-la-Défense, FRANCE Tel: (1) 733.12.34

Tlx: 610279F PROTECN

TECHNOBASE: TECHNO-LOGICAL OUTLETS

Technova database contains mostly data on French technologies. Technova is a subsidiary of five major French firms (Banque francçaise du commerce extérieur, Crédit agricole,

Elf Aquitaine, Pechiney and Rhône-Poulenc) and is jointly owned by these companies; it offers an array of technology transfer services. Its principal areas of specialty are the agrifood sector and related products, parachemistry, energy, processing of metals and plastics, construction and electronics.

Technobase

Tour manhattan - Cédex 21 5-6. Place de l'Iris 92095 Paris-la-Défense, FRANCE

Tel: (1) 733.12.34 Tlx: 610279F PROTECN

TECNOMEDIA

Six thousand technology offers and requests gathered from world-wide sources are contained on this offline database of this technology consulting firm located in northeastern Italy.

Tecnomedia srl

Via E, DiColloredo 34-33100 Udine, ITALY

Tel: (0432) 43341 Fax: (0432) 470933

TRANSIN DATABASE

Data base on technology supply and demand since 1980. Files are kept for three years and the database is updated twice monthly. Developed by Transinove International Co. of France, this database may be accessed via:

IST Informathèque

1600 Henri Bourassa West Montreal, Québec, Canada H2X 2C6

Tel: (514) 333-5577

UNIVERSAL **NEWS SERVICES**

Online Services: Mead Data Central, Inc. (UNS) (as a NEXIS database) Contains full text of news releases issued by major companies in the U.K. Covers business and financial news, including announcements of corporate takeovers, new



products, mergers and acquisitions, and general business activities. Subscription to Mead Data Central required

UPI DATABASE

Online Service: American Library Association (ALA); CompuServe Information Service (as part of EXECUTIVE NEWS SERVICE); Dialcom, Inc. (UPI); DIALOG; Mead Data Central, Inc. (UPI, UPSTAT, and UPST87) (as a NEXIS database); NewsNet, Inc. (UPI); Western Union Telegraph Company (UP NEWS) (as an FYI NEWS SERVICE database (see)) (no longer available through THE SOURCE) Contains full text of items from the United Press International (UPI) newswire service. Covers international news: U.S. general, regional, and state news; columns, standing features, and commentaries; and financial news. Also includes the stock market service, business text wire, and allsports wire. Subscription to Mead Data Central required; monthly subscription to NewsNet required.

US PATENTS

Online Service: ORBIT Search Service (USPA, USPB) Contains citations, with abstracts, to U.S. patents, continuations, divisionals. and defense documents issued since 1971, and design, reissued, reexamined, and plant patents issued since 1977.

VECTRA

A database on offers of and searches for technology and partners sponsored by l'Assemblee Permanente des Chambres de Commerce et d'Industrie.

Vectra

Ambassade du Canada 35, avenue Montaigne 75008 Paris, France Tel: 47 23 01 01

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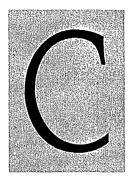
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European Network of Building Research Institutes (ENBRI) C.S.T.C. - W.T.C.B. Rue de Lombard, 41 B-1000 Brussels, Belgium Tel: 32-2-513.60.50

Fax: 32/5/511.41.56 Tlx: 25416 CETEX B

INNOVATION DIAGNOSTIC FOR EUROPEAN ASSESS-MENT (I.D.E.A.)

I.D.E.A. is meant fort the launching project of a product or process in an EEC country. It is intended as a quick analysis of the adaption of the product or process technical characteristics to the use and development conditions in the particular country.

Innovation Diagnostic for European Assessment (I.D.E.A.)

Industrial Development and Innovation Direction Belgian Building Research Institute (BBRI) Rue du Lombard, 41 1000 Brussels, Belgium

Tel: 32/2/513.60.50 Fax: 32/2/511.41.56 Tlx: 25416 CETEX B



Denmark

DANISH TECHNICAL INFORMATION

A private non-profit institute that is strong on market research, evaluating market opportunities and new technology. One priority is helping companies prepare for Europe 1992.

Danish Technical Information

Danish Technical Information Service Rygaards Alle 13 IA DK-2900 Copenhagen Hellerup, Denmark

Tel: 45-1-18-17-11 Fax: 15324 dto dk

England

BUILDING RESEARCH ESTABLISHMENT

The Building Research Establishment is the principal organisation in the United Kingdom carrying out research into building and construction and the prevention and control of fire. In April 1990, BRE became an Executive Agency of the Department of the Environment. Its main role is to advise and carry out research for DOE and other Government Departments on technical aspects of buildings, all aspects of fire, and environmental issues related to buildings. BRE undertakes a broadly-based research programme, ranging from studies of the basic properties of materials to investigations of specific building problems. Its findings and expertise provide the technical basis for Building Regulations and Codes and Standards. and are communicated widely to the industry and building owner through BRE publications, seminars and exhibitions. The Establishment's unique range of specialist skills and technical facilities are made available to the contruction

industry and its suppliers through BRE Technical Consultancy, which was launched in October 1988. BRE has extensive links with research and technical organisations throughout the world. Its staff are prominent in the development of European Codes and Standards, and so support Government Departments and the UK construction industry in meeting the challenge of the Single European Market. BRE operates from four locations: its main site at Garston, near Watford. Hertfordshire; the Fire Research Station at Borehamwood, Hertfordshire, and Cardington, Bedfordshire; and the BRE Scottish Laboratory at East Kilbride, Glasgow.

Building Research Establishment

Garston, Watford WD2 7JR, U.K. Tel: 0923 894040 Fax: 0923 664010

Tlx: 923220

INTERNATIONAL TECHNOLOGY PROTEC-TION INSURANCE

Strovers

Strovers House, Crouch Street Colchester, Essex CO3 3EF, ENGLAND

Tel: (0206) 65131 Fax: (0206) 564505

PRODUCTION ENGINEER-ING RESEARCH ASSOCIA-TION (PERA) OF GREAT BRITAIN)

An industrial research assistance program (IRAP) technology centre.

Production Engineering Research Association (PERA)

Of Great Britain Melton Nowbray Leicestershire, England LE13 OPB

Tel: (0664) 64133

France

AGENCE RÉGIONALE D'INFORMATION SCIEN-TIFIQUE ET TECHNIQUE (ARIST)

Non-profit regional agency for promoting technology transfer to and from the Champagne-Ardenne region.

Agence régionale d'information scientifique et technique (ARIST) Chambre régionale de commerce et

d'industrie Champagne-Ardenne 10, rue de Chastillon, B.P. 537 51011 Chalons sur Marne Cédex, FRANCE

Tel: 26210330 Fax: 26705498

TECH TRADE INTERNATIONAL

Program accepts proposals from reputable companies and laboratories who are offering or researching for technology-based business propositions. General trade inquiries are excluded, to ensure a high level of interest from prospects equal to the quality of the organization. Cost is approximately \$125 per month and product, processes and technologies requests or offers are transmitted to over 100 countries.

Tech Trade International

Innovation 128

24, rue du Quatre Septembre 75002 Paris, FRANCE

Tel: 33(1) 42.68.09.71 Fax: 33(1) 42.65.47.76

Tlx: 214492F

■ Germany

OBTAYERISCHES TECH-NOLOGIE - TRANSFER INSTITUTE E.V. (OTTI)

Dr. Martin Luther Strasse 12

D-8400 Regensburg, FRG Tel: 0941 561093-94

Tlx: 65:8983



India

CONSORTIUM ON RURAL TECHNOLOGY (CORT)

Consortium on Rural Technology (CORT)

A-89, Madhuvan New Delhi 110092, INDIA

IIsrael

MATIMOP (ISRAELI INDUSTRY CENTER FOR R&D)

MATIMOP is a non-profit service organization, founded by three Israeli associations of manufacturers for the promotion of high technology. MATIMOP serves that objective by promoting cooperation between Israeli researchers, developers and manufacturers with qualified business firms abroad.

Dr. Y. Cahana

Director, Technology Transfer MATIMOP (Israeli Industry Center for R&D)
P.O. Box 50364
61 500 Tel Aviv, ISRAEL
Tel: 972-3-650150

Tel: 972-3-650150 Fax: 972-3-5101972 972-3-236926

IItaly

TECHNOLOGY INFORMA-TION PILOT SYSTEM (TIPS)

Network set up to facilitate transactions on technology and trade amongst developing countries. Print-outs are distributed that detail available new technologies, equipment and products as well as requests for technologies and equipment. Trade opportunities are also detailed.

Technology Information Pilot System (TIPS)

203 Via Panisperna 00184 Rome, ITALY

Tel: 4756967 - 4756928 Tlx: 610574 IPSROMI

Netherlands

SOCIALLY APPROPRIATE TECHNOLOGY INFORMA-TION SERVICES (SATIS)

Documentation and information centre for publications on appropriate technologies. Maintains index card classification system in English, French and Spanish, produces Resource Guides (e.g. funding agencies for projects) and issues a newsletter. Non-governmental and non-profit, it is supported by over two dozen institutions world wide.

c/o Technische Ontwikkeling Ontwikkelingslanden (TOOL)

Mauritskade 61a 1092 AD Amsterdam, NETHERLANDS

TECHNISCHE ONTWIKKEL-ING ONTWIKKELINGSLAN-DEN (TOOL)

Appropriate technology organization.

Technische Ontwikkeling Ontwikkelingslanden (TOOL) Mauritskade 61a 1092 AD Amsterdam, NETHERLANDS

Philippines.

PHILIPPINE CENTER FOR APPROPRIATE TRAINING AND TECHNOLOGY (PCATT)

Philippine Center for Appropriate Training and Technology (PCATT)

Manila Suite 1416 F Felipe Agoncillo St. Ermita, Metro Manila, PHILIPPINES 2801

South America

SERVICIOS MULTIPLES DE TECNOLOGIA APROPIADA (SEMTA) Appropriate technology organization. Servicios Multiples de Technologia Apropiada (SEMTA) Casilla 20410 La Paz, Bolivia, SOUTH AMERICA

Switzerland

ADVISORY SERVICE ON TRANSFER OF TECHNOLO-GY (ASTT)

Established the institutional basis within UNCTAD to meet the requests and requirements of developing countries, individually and jointly, for assistance, advice, training and other supportive activities aimed at strengthening their technological capacity and accelerating their technological transformation. Within these broad objectives, the ASTT assists developing countries in diagnosing their main problems in the field of technology, advises them in charting suitable strategies, plans and action programmes at overall and sectoral levels, provides for the training of personnel to deal with these issues in an integrated fashion, helps them in evolving the institutional mechanisms, regulatory framework and policy instruments conducive to sustained technological and economic development.

Advisory Service on Transfer of Technology (ASTT)

The Chief, Technology Division UNCTAD, Palais des Nations CH-1211 Geneva 10, SWITZERLAND

SWISS CENTER FOR APPROPRIATE TECHNOLOGY (SKAT)

Specialized consulting services in the fields of drinking water and rural sanitation, handpump development for local manufacturers, micro hydropower development and roofing material production. Technical enquiry service on appropriate technology. Large scale library and doc-



umentation. Bookshop with over 700 titles for sale in english, french, spanish and german including titles published by SKAT. Non-profit organization.

Swiss Center for Appropriate Technology (SKAT)

Tigerberstraβe 2 CH-9000 St. Gallen, SWITZERLAND

Tel: (71) 3025 85 Tlx: 881226 skat ch

U.S.A.

ARAC

ARAC is a NASA sponsored technology transfer centre. Its' mission is to provide technologies and technical information produced by NASA and other federal agencies to U.S. companies.

ARAC

611 North Capitol Avenue Indianapolis, Indiana U.S.A. 46204

Tel: (317) 262-5000 Fax: (317) 262-5044

BATTELLE

An international technology organization with a wide range of scientific and technical capabilities, Battelle serves industry and government in developing, applying and commercializing technology in such areas as advanced materials, defense systems and technology, design and manufacturing engineering, electronic systems, health and environment, information systems, manufacturing systems, nuclear systems, and technical services and systems. A newsletter, Battelle Today, is available.

Battelle

505 King Avenue Columbus, Ohio U.S.A. 43201

Tel: (614) 424-7818

FEDERAL LABORATORY CONSORTIUM FOR TECH-NOLOGY TRANSFER (FLC)

FLC is a federal government service organization providing a link between the individual federal laboratory members and potential users of U.S. government-developed technologies. It assists this linkage through the development and support of various technology transfer methods. Publishes a catalogue of available technologies.

D.M. DelaBarre, FLC Administrator Federal Laboratory Consortium For Technology Transfer (FLC)

DelaBarre & Associates, Inc. 1945 N. Fine Avenue, Suite 109 Fresno, California U.S.A. 93727 Tel: (209) 251-3830

INTERNATIONAL TECHNOLOGY INSTITUTE 7125 Salsburg Road Pittsburgh, PA USA 15235

SCIENTIFIC INTERNATIONAL INC.

Company's emphasis is on custom-design, engineering and manufacturing services. Represent the interest of high technology European corporations in the United States and Canada. Areas of expertise include: advanced manufacturing and testing technologies, Beam line systems and diagnostic equipment, and explosion banding technology.

Scientific International Inc.

P.O. Box 143

Princeton, New Jersey U.S.A. 08542

Tel: (609) 924-3011 Fax: (609) 924-3018

TECHNOLOGY INTERNA-TIONAL EXCHANGE (TIE U.K.)

The Technology International Exchange (TIE) was founded in 1977 to find and develop technologybased business opportunities. TIE's clients include the United States, Japan, European and Canadian corporations interested in gaining access to innovative technology and new markets. TIE has national operations in the United States, Japan, Finland, France, Italy, Norway, Spain and the U.K.

Technology International Exchange (TIE U.K.)

4040 Lake Washington Blvd. N.E., Suite 301

Kirkland, Washington U.S.A. 98033

Tel: (206) 822-3363 Fax: (206) 822-1657 Tlx: 285415 tech ur

TECHNOLOGY TRANSFER INSTITUTE

An organization providing seminars.

Technology Transfer Institute

741 - 10th Street

Santa Monica, California U.S.A. 90402

Tel: (213) 394-8305

TECHNOLOGY TRANSFER DIRECTORY

Directory is a guide to brokers, sellers, facilitators, databases, etc. in the field of technology transfer. It is useful as a tool for searching for and aquiring available technology. A large collection of technology transfer information can be studied through use of this directory i.e. contacting tech vendors, trade shows, literature, contacting principals.

Technology Transfer Directory GRO Inc.

19E Central Avenue Paoli, Pennsylvania U.S.A. 19301

VOLUNTEERS IN TECHNI-CAL ASSISTANCE (VITA)

VITA is a private, non-profit international development organizations that make available to individuals and groups in developing countries, a variety of information and technical resources aimed at fostering self sufficiency. These include needs



assessment and program development support, by-mail and on-site consulting services, and information systems training, VITA places special emphasis on the areas of agriculture and food processing, small business development. renewable energy applications. water supply and sanitation, and housing and construction. In addition to management of long-term field projects in a number of developing countries, VITA is engaged in the transfer of used manufacturing equipment to Third World countries and is spearheading the development of a low-orbiting communications satellite. VITA also publishes over 200 technical papers and manuals and a quarterly magazine.

Volunteers in Technical Assistance (VITA)

1815 North Lynn Street Suite 200 Arlington, Virginia U.S.A. 22209

Tel: (703) 276-1800 Fax: (703) 243-1865 Tlx: 440192 VITAUI

Yugoslavia Y

CENTRE FOR INTERNA-TIONAL COOPERATION AND DEVELOPMENT - CICD

CICD is an independent institution for applied research and consultancy. It provides services and technical assistance in the areas such as trade development, export and trade finance, international project financing, country risk assessment, joint ventures and information systems on the transfer of technologies. A number of studies, conference papers, business directories and reference books a well as the CICD Journal are available.

Centre for International Cooperation and Development - CICD

P.O. Box 97 Kardeljeva Ploscad I 61109 Ljubljana, Yugoslavia Tel: (061) 347-597

343-672 Fax: (061) 343-696 Tlx: 32 139 JCS

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Universities as Sources of Technology

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Universities as Sources of Technology

E1: CATALOGUES

This category describes the technology transfer licensing or commercialization offices of international universities.

Australia

UNIVERSITY OF NEW SOUTH WALES: UNISEARCH LIMITED

A catalogue of available technologies is distributed. Unisearch Limited is the commercial company of the University of New South Wales for providing R&D and technology transfer to industry.

Unisearch Limited

221 Anzac Parade, P.O. Box I Kensington, N.S.W. 2033, Sydney, AUSTRALIA

Tel: (02) 662-2711 Fax: (02) 663-2949 Tlx: USERCH-AA74215

England

UNIVERSITY DIRECTORS OF INDUSTRIAL LIAISON (UDIL)

Promotes understanding and collaboration between industry and the universities. Contains information regarding the services which universities provide for industry. Includes listing of industrial liaison offices at all (89) British universities. Also contains considerable information on specific areas of technological-R&D concentration at

each university.

British Technology Group (BTG)

101 Newington Causeway London, ENGLAND SEI 6BU

Tel: 01-403-6666

UNIVERSITY OF MANCH-ESTER: VUMAN LTD.

Vuman Ltd. is the technology development and exploitation company of the University of Manchester and actively exploits technology arising from research with the University. Vuman Ltd. also owns Vuman Computer Systems Ltd. - suppliers of Vuwriter word processing software, MIMIC engineering management and condition based maintenance systems, and a wide range of medical management software systems -Medeval Ltd. - a medicine evaluation company - Predictive Control Ltd. suppliers of Connoisseur real time process control engineering systems and Vuman Lasers - manufacturers of laser systems for scientific medical and environmental applications.

University of Manchester Vuman Ltd.

Enterprise House Manchester Science Park Manchester, ENGLAND M15 4EN

Tel: (061) 226-8746 Fax: (061) 226-5855 Tlx: 265871 MMD103

Germany, W.

NORTH RHINE-WESTPHALIA (NRW)

A report is provided listing North Rhine-Westphalia's work in research and development and new technology. It covers technology in environment, materials, measuring and control, and medical production and training. Each product has place of origin, name, and description of product.

Dr. rer.pol Gerd WassenbergNorth Rhine-Westphalia (NRW)

Büro Presse, Offentlichkeitsarbeit und Technologietransfer der RWTH Aachen Templergraben 55, 5100

Aachen, FRG
Tel: 0241/804322-23
Fax: 0241/803697
Tlx: 832962 thinf d

Israel

YISSUM RESEARCH DEVEL-OPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM

A substantial catalogue of available technologies is distributed.

Yissum Research Development Company of the Hebrew University of Jerusalem P.O.B. 4279 Jerusalem 91042, ISRAEL



DREXEL UNIVERSITY: FIBROUS MATERIALS RESEARCH LABORATORY

A catalogue of available technologies is distributed.

Department of Materials Engineering

Drexel University Philadelphia, Pennsylvania U.S.A. 19104

Tel: (215) 895-2000

DREXEL UNIVERSITY

A catalogue of available technologies is distributed.

Drexel University

Philadelphia, Pennsylvania U.S.A. 19104

Tel: (215) 895-2000

FLORIDA STATE UNIVERSITY: RESEARCH & TECHNOLOGY

Listing of available inventions and technologies in such areas as i.e. SO2, NOx and particle removal from gas, fertility, synchronous mitotic cell selection, microspectrophotometer, enzyme and synthetic derivations of codeine and morphine.

Florida State University

Research and Graduate Studies Tallahasse, Florida U.S.A. 32306-1047 Tel: (904) 644-5260

INDIANA UNIVERSITY FOUNDATION

A catalogue of available technologies is distributed.

Indiana University Foundation

P.O. Box 500 Bloomington, Indiana U.S.A. 47402

Tel: (812) 335-8311

IOWA STATE UNIVERSITY

Listing of technology available for licensing and research funding. Also publishes a newsletter on biotechnology called Biotechnology Update.

Iowa State University

Office of Biotechnology 1010 Agronomy Building Ames, Iowa U.S.A. 50011-1010

Tel: (515) 294-9818

KANSAS STATE UNIVERSITY RESEARCH FOUNDATION

Report listing available technologies developed at the University of Kansas. Each lists the name, a short description of the product and the patent numbers.

Kansas State University Research Foundation

Durland Hall

Manhattan, Kansas U.S.A. 66506

Tel: (913) 532-5720

THE OHIO STATE UNIVERSITY

A catalogue listing licensing opportunities in engineering, medicine, veterinary medicine, pharmacy, chemistry, electronics, agriculture, etc. is available.

The Ohio State University

Patent and Copyright Department 1314 Kinnear Road Columbia, Ohio U.S.A. 43212

Tel: (614) 292-4540 (614) 292-6079

Fax: (614) 292-4315

THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK

A catalogue of available technologies is distributed.

Mr. Eugene K. Schuler, Jr.

Director, Technology Transfer Office The Research Foundation of State University of New York P.O. Box 9

Albany, New York U.S.A. 12201-0009

Tel: (518) 434-7167 Fax: (518) 434-7290 Tlx: 9102402976 RES FND SUNY

STANFORD UNIVERSITY

Approximately 20 revenue-producing developments from their professors are patented each year. A database of available software exists that is not dial accessible.

Office of Technology Licensing

857 Serra Street, Second Floor Stanford, California U.S.A. 94305-6225

Tel: (415) 723-0651 Fax: (415) 725-7295

Tlx: 348402

STATE UNIVERSITY OF NEW YORK AT BUFFALO

A catalogue of available technologies is distributed.

Technology Transfer Office

State University of New York at Buffalo

516 Capen Hall

Buffalo, New York U.S.A. 14260

Tel: (716) 636-3321

SYRACUSE UNIVERSITY

Information sheets listing licensable technologies available from the Syracuse University.

Mr. William K. Wilson, Executive Director

Division of Research Support and Administration Syracuse University 113 Euclid Avenue Syracuse, New York U.S.A. 13244-4160

Tel: (315) 423-2113 Fax: (315) 423-1842

TECHNOLOGY AVAILABLE FOR COMMERCIALIZATION

A catalogue containing 174 inventions arising out of research from 26 departments at the University of

Virginia. Scope of the inventions are heavily weighted in biotechnology, medical devices, and pharmaceutical, although all major departments of the university are represented.

Technology Available for Commercialization

University of Virginia Alumni Patents Foundation Towers Office Building Suite 6-21 I 1224 W. Main Street Charlottesville, Virginia USA 22903 Tel: (804) 924-2173 (804) 924-2175

TEMPLE UNIVERSITY

Listing of available inventions and technologies in such areas as medicine, dentistry, pharmacy, allied health and engineering. Technologies range from medical assay and test kits to sensors and robotics.

Temple University

406 University Services Building Philadelphia, Pennsylvania U.S.A. 19122

Tel: (215) 787-8526

UNIVERSITY OF CINCINNATI

Catalogue containing over 100 technology transfer opportunities from the University of Cincinnati.

Office of Vice President and University Dean

for Graduate Studies and Research Mail Location 627

Cincinnati, Ohio U.S.A. 45221-0627 Attention: University Patent Officer

Tel: (513) 556-4349 Fax: (513) 556-0128 Tlx: 5106006872 UNV CINC GRAD UQ

UNIVERSITY OF DAYTON RESEARCH INSTITUTE

Large catalogue containing abstracts of technology available for licensing from the University of Dayton Research Institute (UDRI).

Office of the Director

The University of Dayton Research Institute (UDRI) 300 College Park Dayton, Ohio U.S.A. 45469

Tel: (513) 229-2113 Fax: (513) 229-3433

THE UNIVERSITY OF ILLINOIS AT CHICAGO

A catalogue of available technologies is distributed.

Office of Technology Development (m/c 934)

The University of Illinois at Chicago 312 Administrative Office Building 1737 West Polk Street Chicago, Illinois U.S.A. 60612 Tel: (312) 996-7018

THE UNIVERSITY OF UTAH

A catalogue of available technologies is distributed.

Technology Transfer Office

The University of Utah 295 Chipeta Way, Suite 289 Salt Lake City, Utah U.S.A. 84108

Tel: (801) 581-7792 Fax: (801) 581-7538

THE UNIVERSITY OF VIRGINIA: ALUMNI PATENTS FOUNDATION

A catalogue of available technologies can be obtained.

Alumni Patents Foundation

The University of Virginia

Towers Office Building, Room 1-110

1224 W. Main Street

Charlottesville, Virginia U.S.A. 22903

UNIVERSITY TECHNOLOGY CORPORATION (UTC)

A private sector firm that is the exclusive technology marketing agency for a number of universities, and also arranges venture capital investments as appropriate. Companies are invited to submit keywords defining their interests, and will then be advised as appropriate technologies emerge.

University Technology Corporation (UTC)

South Square Corporate Centre 3710 University Drive, Suite 210 Durham, North Carolina U.S.A. 27707

Tel: (919) 493-0101

WAKE FOREST UNIVERSITY

A catalogue containing abstracts of technology available for licensing from Wake Forest University can be obtained.

Wake Forest University

Patent Administration Service Office of Research Development Bowman Gray School of Medicine 300 S. Hawthorne Road Winston-Salem, North Carolina 27103

Tel: (919) 748-2846 Fax: (919) 748-4480

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Universities as Sources of Technology

E2: Specialized Technology Centres

England

UNIVERSITY DIRECTORS OF INDUSTRIAL LIAISON (UDIL)

Promotes understanding and collaboration between industry and the universities. Contains information regarding the services which universities provide for industry. Includes listing of industrial liaison offices at all (89) British universities. Also contains considerable information on specific areas of technological-R&D concentration at each university.

British Technology Group (BTG) 101 Newington Causeway London, ENGLAND SE1 6BU Tel: 01-403-6666

VUMAN LTD.

Vuman Ltd. is the technology development and exploitation company of the University of Manchester and actively exploits technology arising

from research with the University. Vuman Ltd. also owns Vuman Computer Systems Ltd. - suppliers of Vuwriter word processing software, MIMIC engineering management and condition based maintenance systems, and a wide range of medical management software systems -Medeval Ltd. - a medicine evaluation company - Predictive Control Ltd. - suppliers of Connoisseur real time process control engineering systems and Vuman Lasers - manufacturers of laser systems for scientific medical and environmental applications.

University of Manchester

Vuman Ltd.
Enterprise House
Manchester Science Park
Lloyd Street North
Manchester, ENGLAND M15 4EN

Tel: (061) 226-8746 Fax: (061) 226-5855 Tlx: 265871 MMD103

U.S.A.

UNIVERSITY TECHNOLOGY CORPORATION (UTC)

A private sector firm that is the exclusive technology marketing agency for a number of universities. It also arranges venture capital investments when appropriate. Companies are invited to submit keywords defining their interests, and will then be advised as appropriate technologies emerge.

University Technology Corporation (UTC)

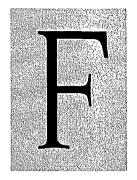
South Square Corporate Centre 3710 University Drive, Suite 210 Durham, North Carolina U.S.A. 27707

Tel: (919) 493-0101

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New Technology Exhibitions

This category identifies periodic, trade fairs, exhibitions, conferences, which principally focus upon the presentation of new, technology-intensive products or services, licensing or pre-commercial technology purchase opportunities originating from countries around the world.

Belgium

TECHNO FLANDERS

A bi-annual exhibition.

Regional Development Authorities of Flanders

Joint Center for Flanders' Technological Innovation Leuvensestraat 29 B-1800 Vilvoorde, BELGIUM

Tel: 32-2252 2489 Tlx: 64207 gom

England

HANNOVER FAIR

An annual general industry fair at which one building is devoted to innovations and transfer of technology.

Deutsche Mess AG

Messegelande D-3000 Hannover 82, FRG Tel: 0511 891 Tlx: 92 2728

TECHMART

Francis Street

An annual exhibition held in Birmingham, England.

Focus Events Ltd.

Greencoat House

London 5W1 P10G, ENGLAND

Tel: 183 417 17 Fax: 182 802 70 Tlx: 9419564

Europe

EUROTECH: THE
EUROPEAN TECHNOLOGY
TRANSFER AND INNOVATION OPPORTUNITIES
EXHIBITION

Andry Montgomery Ltd.

11 Manchester Square London W1M 5AB, ENGLAND Tel: 01-486 1951 01-487 5831 0-935 4672 Tlx: 24591 Montex G.

Germany

FAIRBASE (DATABASE)

Listing and descriptions of international trade fairs.

DATA - STAR

D-S Marketing GmbH Ostbahnhofstraße 13 D-6000 Frankfurt A.M., FRG

Tel: +69/49 06 43

IItaly

NT INTERNATIONAL SHOW OF NEW TECHNOLOGIES AND INNOVATIONS

An annual international technology show highlighting such areas as the techniques, systems and components towards the computerization of factories measurement and power lazers in the automatic production processes, process innovation including components, systems and information for automation, as well as new technologies and product innovation.

NT International Show of New Technologies and Innovations

Torino Esposizioni S.p.a.

C.so . d'Azeglio 15-10126 Torino TO

Tel: (011) 6569 Fax: (011) 6509801 Tlx: 221492 Toexpo

Japan

DR. DVORKOVITZ AND ASSOCIATES ASIAN CENTRE

This is the first such event to be held in Japan by the Dvorkovitz organization headquartered in the



U.S. This exhibition may be held in future years if the 1990 event is successful.

Dr. Dvorkovitz and Associates Asian Centre

A Division of Soken International 3-37 Sakumacho, Kanda Chiyoda-ku, Tokyo 101, JAPAN

Tel: 03-864-1591 Fax: 03-864-1590

Spain

TECHNOCLINIC

International exhibit of technology.

Feria de Barcelona

Avda. Reina Ma Cristina Palacio #1

08004 Barcelona, SPAIN

Tel: 093 423 31 01 Tlx: 50 458 FOIMB-E

Sweden

THE SKAPA SHOW

An annual exhibition (first exhibition 1984) supported by several Swedish governmental bodies and the Swedish Society of Inventors.

Sollentuna Massan

P.O. Box 174 Malmvagen 2

S-191 23 Sollentuna, SWEDEN

Tel: 46 896 0060 Fax: 46 892 9774 Tlx: 12955 Sofair S

Switzerland

INTERNATIONAL EXHIBITION OF INVENTIONS OF GENEVA

The organizers claim this to be the world's largest annual event devoted exclusively to inventions, with over 1,000 inventions and 100,000 visitors. Held annually since 1962. A catalogue describing all inventions in French is available for 15 Swiss francs.

Salon International des Inventions de Genève

8, rue du 31-décembre CH-1207 Geneva, SWITZERLAND

Tel: 22/36 59 49 Fax: 22/86 00 96 Tlx: 28 808

INVENTIONS AND NEW TECHNIQUES OF GENEVA

An annual exhibition.

Salon International des Inventions de Genève

8, rue du 31-décembre 1207 Geneva, SWITZERLAND

Tel: 061 26 2020 Tlx: 62 685 fairs ch.

U.S.A.

INNOVATION NEW PRODUCT EXP (INPEX)

A trade show featuring inventions, technologies and new products.

Innovation New Product Exp (INPEX)

701 Smithfield Street Dept 650 Pittsburgh, Pennsylvania U.S.A. 15222-3906

Tel: 1-800-727-IDEA

TECHEX AMERICAS

A long-established (15 years) annual exhibition developed by the international technology brokerage firm, Dr. Dvorkovitz & Associates, but now under new ownership.

TechEx Americas

65 East State Street, Suite 1000 Columbus, Ohio U.S.A. 43215

Tel: (614) 460-3540 Fax: (614) 464-1466 Tlx: 510101548

Associations and Societies Concerned with Technology Transfer

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ASSOCIATIONS AND SOCIETIES CONCERNED WITH TECHNOLOGY TRANSFER

This category includes societies or associations whose membership and programs have a demonstrable interest or orientation toward the enhancement of technology transfer.

England

INTERNATIONAL ASSOCIATION ON WATER POLLUTION RESEARCH AND CONTROL

An independent, non-government, non-profit organization whose purpose is the maximum exchange of information and experience on water pollution control. It is involved in a wide range of scientific and technical activities, covering the full spectrum of water quality and water pollution control from both a theoretical and a practical perspective.

International Association on Water Pollution

Research & Control
I Queen Anne's Gate
London SHIH 9BT, ENGLAND

Tel: 01-222-3848 Fax: 01-233-1197

Israel

MATIMOP (ISRAELI INDUSTRY CENTER FOR R&D)

MATIMOP, the Hebrew acronym for the Israeli Industry Centre for R&D (I.I.C.R.D.), is a public non-profit organization, founded by three manufacturer associations in Israel.
MATIMOP aims its activities at promoting the applied research projects resulting from research carried out within Israeli universities, independent research institutes, and industrial companies, by interesting Israeli industries, as well as foreign industrial investors, in the implementation of these advanced projects.

Dr. Y. Cahana, Director, Technology Transfer

MATIMOP (Israeli Industry Center for R&D) P.O. Box 50364 61 500 Tel Aviv, ISRAEL

Tel: 972-3-650150 Fax: 972-3-5101972 972-3-236926

Japan

JAPAN INDUSTRIAL TECHNOLOGY ASSOCIA-TION (JITA)

A non-profit organization supported by the Japanese government and industry for promoting and licensing technologies developed in the 16 major government laboratories (23,000 technologies) both within Japan and internationally. Catalogues of available technologies are distributed.

Japan Industrial Technology Association (JITA)

20-Mori Bldg. 8F 2-7-4 Nishi Shinbashi, Minato-ku Tokyo 105, JAPAN

Tel: (03) 591-6271 Fax: (03) 592-1368

JAPAN TECHNOLOGY TRANSFER ASSOCIATION

Akane Building, 7th Floor

1-31 Aka saka 4-chome Minato-ku, Tokyo 107 JAPAN

Tel: (03) 584-0207 Fax: (03) 585-9369 Tlx: J26972 JIPACONG

Liechtenstein

THE INTERNATIONAL LICENSING, INNOVATION AND TECHNOLOGY CONSULTANTS ASSOCIATION (LITCA)

A world-wide association of licensing, innovation and technology transfer professionals, founded in 1925.

LITCA

Bergstraße 297

FL-9495 Triesen LIECHTENSTEIN

Tel: 41-0-75-28488

Tlx: 889414



Luxembourg

EUROPEAN ASSOCIATION FOR THE TRANSFER OF TECHNOLOGIES, INNOVA-TION AND INDUSTRIAL INFORMATION (TII)

A recently founded organization, assisted by the European Economic Community (EEC), to promote technology diffusion. Many consultants and regional development organizations are members.

TH

3, rue des Capucins L-1313 LUXEMBOURG

Tel: (352) 463-035 Tlx: (352) 462-185

U.S.A.

LICENSING EXECUTIVES SOCIETY INTERNATIONAL (LES)

An organization of over 4,000 members ranging from business persons to technical, academic, government, and legal specialists that are involved in the transfer of technology and industrial or intellectual property rights (patents, trademarks, copyrights, and know-how including trade secrets). The activi-

ties of this organization include periodic meetings/workshops in various regions of Canada and the U.S. and internationally, publication of Les Nouvelles, Journal of the Licensing Executives Society, research projects on licensing practices and procedures, and cooperative meetings and projects with various organizations such as the U.N., OECD, EEC, and universities. Annual dues for the Licensing Executives Society (U.S.A./Canada) Inc. (a member of Licensing Executives Society International) is \$75.

LES (U.S.A./Canada) Inc.

71 East Avenue Norwalk, Connecticut U.S.A. 06851

Tel: (203) 852-7168

SOCIETY FOR THE ADVANCEMENT OF MATERIAL AND PROCESS ENGINEERING (SAMPE)

Society for the Advancement of Material and Process Engineering (SAMPE)

1161 Parkview DriveP.O. Box 2459Covina, California USA 91722

Tel: (818) 331-0616 Fax: (818) 331-8929

SOCIETY OF UNIVERSITY TECHNOLOGY MANAGERS

Approximately 600 members from U.S. universities with some Canadian membership. An annual meeting is held at various U.S. locations.

Society of University Technology Managers

71 East Avenue Norwalk, Connecticut U.S.A. 06851 Tel: (203) 852-7168

TECHNOLOGY TRANSFER SOCIETY

A non-profit organization founded in 1975, with 600 members, concerned with providing training seminars. An annual meeting is held in June at various U.S. locations.

Technology Transfer Society 611 North Capitol Avenue Indianapolis, Indiana U.S.A. 46204

Tel: (317) 262-5022

LARGER COMPANIES AS SOURCES OF TECHNOLOGY

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LARGER COMPANIES AS SOURCES OF TECHNOLOGY

This category includes private, public and not-for-profit organizations who have a track record of offering technology developed within their organization for sale or licensing. The science or technology content of the product, process, protocol, or service offered must be significant, and technologically current.

U.S.A.

BOEING ASSOCIATED PRODUCTS

List and description of inventions/technologies developed by this large aircraft firm that are available under license, ranging from relatively simple (safety knife for cutting composites) to very sophisticated.

BOEING Associated Products

Mail Stop 6Y-14, P.O. Box 3707 Seattle, Washington U.S.A. 98124-2207

Tel: (206) 822-0227 Fax: (206) 827-9075

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Catalogue of licensable technologies. Each item has title, short description and specifications. In English.

Matsushita Electric Industrial Co., Ltd.

Mitsui & Co. (U.S.A.) Inc. Importers and Exporters 200 Park Avenue New York, New York U.S.A. 10166-0130

Tel: (212) 878-4000

SIEMENS

Siemens has several companies in the United States specializing in technology particular to certain markets. These markets are: technology related to communications equipment and systems to the North American telecommunications industry; provides hi-tech companies with innovative components and integrated circuitry key to sophisticated electronic; systems i.e. data processing, communications to aerospace and automobiles etc; medical equipment technology including diagnostic and therapeutic radiology; computed tomography etc; electronics metalworking industry machine tool, etc.

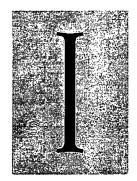
Siemens

Siemens Energy and Automation Inc. P.O. Box 89000 Atlanta, Georgia U.S.A. 30356-9000 Tel: 404-751-2000

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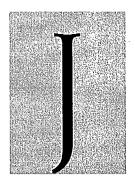
LEGAL CONTACTS

The Canadian embassies abroad assist Canadian firms with the identification of appropriate specialized legal services, specifically with respect to technology-related needs. The technology transfer specialists and organizations listed in this publication can also provide referrals to appropriate legal specialists. The LES publications mentioned in the preceding sections can also be of assistance.

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GOVERNMENT CONTACTS AND INFORMATION SOURCES

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GOVERNMENT CONTACTS AND INFORMATION SOURCES

J1. TECHNOLOGY INFLOW PROGRAM (TIP) OFFICERS IN CANADIAN EMBASSYS ABROAD

This category includes foreign government offices whose significant function is to provide path finding services and information to assist the public to identitfy, evaluate, acquire, and implement technology.

Technology search specialists in Canadian Embassies abroad provide the following services to Canadian firms at no charge:

- location of required technologies, joint venture partners, etc.
- location of customers and licensees for Canadian technologies
- location of technology information sources including databases
- location of legal and other specialists to advise on technology transactions and agreements
- advice on selection of technological trade shows, etc.

Canadian firms may contact these specialists directly or through the nationwide offices of the National Research Council and the Department of Industry, Science and Technology Canada (ISTC).

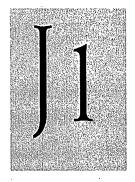
Further information and advice on the services of the specialists may be obtained by dialing: (613) 933-6435 or toll-free 1-800-267-8376.

Australia

Mr. B. Cox (Brian) Consul and Trade Commissioner **Canadian Consulate General** A.M.P. Centre, 8th Floor 50 Bridge Street Sydney

N.S.W. 2000, AUSTRALIA Tel: (011-61-2) 231-7022 20600 CANGOVT AA Fax: (011-61-2) 233-4230 Tlx: (destination code 71)

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GOVERNMENT CONTACTS AND INFORMATION SOURCES

Melbourne

Victoria 3000, AUSTRALIA

Austria

A-1010 Vienna, AUSTRIA

Belgium

1040 Brussels, BELGIUM Tlx: (destination code 46) 1040 Brussels, BELGIUM

China

Beijing, CHINA Tlx: (destination code 85)

Denmark

DK=1105 Copenhagen K, DENMARK England

London WIX 0AB, ENGLAND Tlx: (destination code 51)

France

75008 Paris, FRANCE D-5300 Bonn 1, FRG

Israel

Tel Aviv, ISRAEL 63405

Italy

20124 Milan, ITALY

Japan

Tokyo 107, JAPAN Fax: (011-81-3) 479-5320;

2500 GV The Hague, NETHERLANDS

Singapore

Singapore 9016, SINGAPORE

South Korea

Seoul 100-622, KOREA

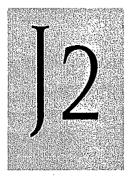
Sweden

S-103 23 Stockholm, SWEDEN

U.S.A.

Dayton, Ohio U.S.A. 45433-6503 Houston, Texas U.S.A. 77027 Night Line:

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GOVERNMENT CONTACTS AND INFORMATION SOURCES

J2. Foreign Government

This category includes foreign government offices whose significant function is to provide path finding services and information to assist the public to identify, evaluate, acquire, and implement technology.

Belgium

REGIONAL DEVELOPMENT AUTHORITIES OF FLANDERS (G O M'S OF FLANDERS)

The main government agency for technology transfer in the Flemish-speaking portion of Belgium. Amongst other activities, it produces Techno Flanders, a catalogue of technology offers and demands from Flemish firms. Also 'prospects' for technology transfer and joint venture opportunities for Flemish firms. Regional Development Authorities of Flanders

Joint Center for Flanders Technological Innovation

Leuvensestraat 29 B-1800 Vilvoorde, BELGIUM Tel: (32)-2-252.24.89 Tlx: 64207 gom

TECHNIKA

Government body that markets Bulgarian technology and is also the largest importer of technology for industries. Should not be overlooked as a source of technologies

as a number of quite sophisticated Bulgarian technologies have been licensed worldwide, including Canada, in fields ranging from metal ore refining to steel making to glass making. Promotional materials are available on technologies being marketed.

Technika

Foreign Trade Organization P.O. Box 672 125, Lenin Blvd., bl. 2 1113 Sofia, BULGARIA Tlx: 23278 VOTECH

Bulgaria

INFORMA: INFORMATION CENTRE FOR TECHNOLOGY TRANSFER

Central government agency for promoting the transfer of technologies and technology products to Bulgarian enterprises. Offers of technology are welcomed and are maintained on a database as well as publicized through a periodical Technology Transfer distributed to 3,000 enterprises.

INFORMA

Information Centre for Technology Transfer 55A, Chapaev Strae 1574 Sofia, BULGARIA

Tel: 71 71 56 Tlx: 23178

Czechoslovakia

FOREIGN TRADE CORPORATION

Foreign Trade Corporation Technical Cooperation Agency Panska 9, P.O.B. 834 CS-112 45 Praha 1, CZECHOSLOVAKIA

Tel: 24 49 41 Tlx: 121 585 OR

Foreign Trade Corporation Zelena I

CS-815 48 Bratislava, CZECHOSLOVAKIA Tel: 33 84 89

Tlx: 992 78

Europe

INNOVATION FROM COMMUNITY RESEARCH: COMMISSION OF THE EUROPEAN COMMUNITIES (CEC)

Annual report covers the promotion of research, development and innovation. Presents new processes and products which have found industrial applications. Information is intended as practical examples to demonstrate how knowledge and results obtained from the community research programmes can help European industry to open up new markets and maintain a competitive position.

Dr. B.B. Goodman

Commission of the European Communities (CEC)

Department for Promotion of the Exploitation of Community Research

Directorate-General XIII Jean Monnet Building, l-2920 LUXEMBOURG

Tel: 4301-2959 Tlx: 3423/3446 COMEUR LU

■ France

AGENCE NATIONALE DE VALORISATION DE LA RECHERCHE (ANVAR)

Public corporation of the French government established in 1968 with two main objectives: 1) commercialization of research work carried out in laboratories, especially research done in large state laboratories and within universities, 2) encouraging innovation within industry, ANVAR has assisted 7,000 French firms (more than 90% were SME's). Catalogues of available technologies are produced. Agence Nationale de Valorisation de la Recherche (ANVAR) 43, rue Caumartin

75436 Paris, C*dex 09, FRANCE

Tel: 266931 v Tlx: 230298 ANVAR

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

The Centre provides a listing of patents/inventions (Brevets disponibles) available for licensing. Covers areas such as environment, health sciences, chemistry and physics.

Centre national de la recherche scientifique

Direction de la valorization et des applications de la recherche

15, Quai Anatole-France 75700 Paris, FRANCE

Tel: (1) 45559225 Tlx: 260034

INFORMATION BUREAU ON TECHNOLOGIES FROM FRANCE (IBTF)

Established in 1984 by France's Agence pour la coop*ration technique, industrielle et *conomique (ACTIM), IBTF is responsible for raising Canadian awareness in Canada of French innovations in areas of industry, manufacturing, science, energy, medicine, transportation and agriculture. Also responds to Canadian enquiries converned with finding and obtaining access to relevant French technology.

Ms. Manon Larose-Bennett, Executive Director

Information Bureau on Technologies from France

210 Dundas Street West, Suite 800 Toronto, Ontario CANADA M5G 2E8

Tel: (416) 977-2587 Fax: (406) 997-9671

Tlx: 06-22434 COMATTA-TOR

OR

Information Bureau on Technologies from France Isabelle Chassin, Director 32 Farnham, P.O. Box 28 Place Bonaventure Montreal, Quebec CANADA H5A 1A9 Tel: (514) 861-8471 Fax: (514) 878-3677 Tlx: 055-61219

LA RECHERCHE EN FRANCE: PRINCIPAUX ORGANISMES

A 'kit' containing brochures detailing some 30 major specialized public research organizations. An excellent information source.

Embassy of France in Canada Science and Technology Counsellor

464 Wilbrod Street
Ottawa, Ontario CANADA K1N 6M8

Tel: (613) 238-1051 Tlx: 0533564

Germany, E.

CENTRAL BUREAU FOR INTERNATIONAL TRADE IN LICENSES OF THE GERMANY DEMOCRATIC REPUBLIC

Government agency for promoting and developing the export and import of technologies. Distributes brochures promoting specific technologies. Responds to enquiries or offers by establishing direct contact with appropriate institutions, etc., in GDR by searching a central data bank containing several thousand technologies and by mailing lists of titles and detailed information.

Manager, Marketing Department Zentrales BHro fHr Internationalen Lizenzhandel der Deutschen Demokratischen Republik Schicklerstrae 5/7 Berlin, DDR-1020

Tel: 21480 Tlx: 114894

Germany, W.

EZN: INVENTORS' CENTREOF NORTHERN GERMANY

Government-funded agency with consultants who advise on research and development projects and on invention assessment, patenting, commercialization and marketing. A source of licensable technologies. Erfinderzentrum Norddeutschland GmbH

Friesenstrae 14 D-3000 Hannover 1, FRG

Tel: (49 511)31 60 57 Fax: (49 511)31 99 47 Tlx: 511.8452=EZN

GKSS RESEARCH CENTRE

Catalogue of technologies available for licensing from a Government supported research facility with over 700 staff, located in coastal area of Northern Germany. Prime research areas are materials, nuclear reactor safety, environment and underwater technologies.

GKSS License and Co-operation Offers

Max-Plack-Strae 2054 Geesthacht, FRG

Tel: 04152-870

LANDESGEWERBEANSTALT BAYERN (LGA)

Agency to promote technology transfer in Bavaria, Germany. Promotional materials in English and French are available for new products and technologies being marketed by this agency on behalf of Bavarian firms.

Landesgewerbeanstalt Bayern (LGA)

Technologie-Transfer Luitpoldstrae 15 D-8300 Landshut, FRG

Tel: 0871/68001

Hungary

LICENCIA

Hungarian government technology licensing agency involved in purchasing foreign technology and selling Hungarian technologies. Listings of available technologies can be obtained.

LICENCIA

P.O.B. 207

H-1368 Budapest, HUNGARY

Tel: 181-111 Tix: 22-5872

India

INDIAN INVESTMENT CENTRE

Government of India organization for the promotion of foreign private investment in India with overseas offices at Abu Dhabi, Frankfurt, London, New York, Singapore and Tokyo. It is for the establishment of joint ventures in India and aborad, technical collaboration and third country ventures between Indian and foreign entrepreneurs. All its services are free of charge.

Indian Investment Centre Jeevan Vihar Sansad Marg New Delhi 110001, INDIA

Tel: 351673

UNITED NATIONS: ASIAN AND PACIFIC CENTRE FOR TRANSFER OF TECHNOLO-GY OF THE ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC

Their major focus is assisting firms to identify and obtain suitable technologies. Listings of technology seekers are regularly mailed out. Asian and Pacific Centre for Transfer of Technology of the Economic and Social Commission for Asia and the Pacific 48 Palace Road, P.O. Box 115 Bangalore-560 052, INDIA

Tel: 76931-3

Tlx: 8452719 APCT IN Cable: ESPRECENTT

Israel

MINISTRY OF INDUSTRY & TRADE: OFFICE OF THE CHIEF SCIENTIST (OCS)

Office of the Chief Scientist (OCS) provides support to industry. The OCS regularly updates its policy, in order to tailor its efforts to the changing industrial environment. As a result of these and other factors. Israel has attracted many major foreign industrial concerns. More than 150 foreign companies are involved in R&D investments in Israel. A growing number of Israeli firms are listed on overseas stock markets. Israel has signed international agreements with a number of countries to promote cooperation in industrial research. Among the binational agreements in effect to date are those between Israel and the US (BIRD-F), Canada, France, Holland, Ireland and Spain. Many others are currently under negotiation. The country enjoys the advantages of the Free Trade Agreement (FTA) with the US as well as a special relationship with the EEC.

Ministry of Industry & Trade
Office of the Chief Scientist

4 Mevo Hamatmid

POB 2197, Jerusalem 91021 Tel: 972-3-226368 Fax: 972-3-248159

Japan

JAPAN EXTERNAL TRADE ORGANIZATION (JETRO)

This Japanese organization provides services to link up Japanese and Canadian firms for the purposes of technology transfer. A listing of some 300 joint ventures etc was

compiled in 1990 and circulated to Canadian firms.

Japan External Trade Organization (JETRO)

151 Bloor Street West, Suite 700 Toronto, Ontario CANADA M5S 1T7

Tel: (416) 962-5050 Fax: (416) 962-1124

JAPAN INFORMATION CENTRE OF SCIENCE & TECHNOLOGY (JICST)

The central organization in Japan of information activities for the advancement of science and technology in Japan. Founded in 1957 by the legislature as a special nonprofit organization under control of the Science and Technology Agency, Prime Minister's Office. Collects information worldwide and offers search, translation services, etc. Offers extensive on-line and off-line database access to Japanese technology. Presently, over 300,000 records in English of Japanese science and technology developments over the last several years are accessible on-line, and more off-line. Canadian Representative:

Japan Science & Technology Information Services

251 Laurier Avenue West, Suite 403 Ottawa, Ontario CANADA KIP 5J6

Tel: (613) 230-4443 Fax: (613) 230-4443

RESEARCH DEVELOPMENT CORPORATION OF JAPAN (JRDC)

Government organization with extensive licensing opportunities available in a variety of fields. Manager, Department of Patent License

Research Development Corporation of Japan (JRDC)

5-2, Nagata-cho 2-chome Chiyoda-ku, Tokyo 100, JAPAN Tel: 03-507-3055 Fax: 03-581-1486 Tlx: JAREDECO J33135 Cable: JAREDECO

Sweden

TEMU INTERACTOR AB

A Venture Capital company, owned by the Swedish Government, specializing in commercialization of new technology and products in Sweden and internationally, by providing venture capital and services. International technology transfer services are offered in both directions partly in conjunction with indirect offsets, forming a part of Governments compensation requirements in connection with procurement of goods and services from foreign suppliers.

Temu InterActor AB

Box 567

S831 27 Ostersund, SWEDEN

Tel: +46 63 132100 Fax: +46 63 132532 Tlx: 44049 TEMUB S

Switzerland

UNITED NATIONS: UNCTAD COMMITTEE ON TRANSFER OF TECH-NOLOGY

Intergovernmental group concerned with the international transfer of technology and its impact on trade and development.

United Nations Conference on Trade and Development (UNCTAD)

Chief, Technology Programme Palais des Nations

CH-1211 Geneva 10, SWITZERLAND

Tel: 734.60.11 Fax: 733.65.42 Tlx: 28.96.96

U.S.A.

NATIONAL TECHNICAL INFORMATION SERVICE

US Department of Commerce Springfield, Virginia USA 22161

STATE OF CONNECTICUT

An inventory of companies in Connecticut interested in cooperative arrangements with overseas companies. Divided into 3 sections 1) an index 2) number list of company profiles 3) list of service firms. State of Connecticut

Department of Economic Development

International Division 865 Brook Street Rocky Hill, Connecticut U.S.A. 06067

Tel: (203) 258-4256 Fax: (203) 529-0535

Tlx: 966477 CONNDOC HFD

USSR

LICENSINTORG

Technology licensing agency of the Soviet Union. Promotional brochures on available technologies and a regular magazine published in English and French are available. The Canadian technology licensing agent for Licensintorg is located at:

EMEC Trading Limited

Box 12126

2700 - 555 W. Hastings Street Vancouver, B.C. CANADA V6B 4N6

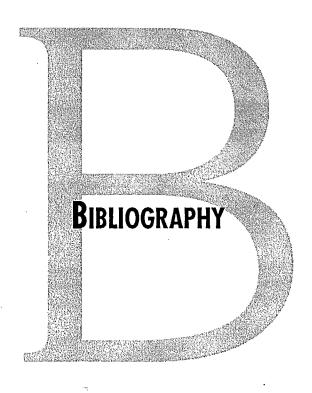
Tel: (604) 687-9631 Telegram: ENERGO Tlx: 04-5329

OR

Licensintorg 11 UL. Minskaya

Moscow, 121108, U.S.S.R.

Tel: 145-27-00 145-29-00 Tlx: 411415



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BIBLIOGRAPHY LEGAL GOVERNMENT AND OTHER PUBLICATION

Japan

SUCCESSFUL LICENSING TO AND FROM JAPAN, REVISED THIRD EDITION

English language, 250 pages. US\$180. The author is stated to have previously been 'The First Licensing Manager, Hitachi Ltd.' Contents include:

- 1. Explanation of important points of licensing agreements
- 2. Comments on technical assistance agreements
- Full text of Japanese antimonopoly act guidelines for international licensing agreements.
- 4.Abstracts from science and technology white paper 1989
- 5. Useful figures, tables, statistics

U.K.

DMS EMERGING TECHNOLOGY STUDY

Two volume report covering the 10 rapidly developing technology areas which will have impact on defense and aerospace in the 1990's. US\$1495 for each volume.

Jane's Information Group

Department DMS
Sentinel House
163 Brighton Road, Coulsdon
Surrey CR3 2NX, ENGLAND
OR

Jane's Information Group Department ET89 1340 Braddock Place, Suite 300 P.O. Box 1436 Alexandria, Virginia U.S.A. 22313-2036 Tel: UK 0800 282 455 (703) 683-3700

U.S.A.

CORPORATE GROWTH STRATEGIES: HOW TO FIND/EXPLOIT NEW TECH-NOLOGY AND PRODUCTS

Book published by Technical Insight, Inc. of New Jersey which has 150 pages of information on technology know-how. Cost is US\$350. Covers topics such as: How to scout and acquire new technologies; opportunities in university R&D; licensing; investment opportunities, etc.

Technical Insights, Inc.

Dept. RDF159

P.O. Box 1304

Fort Lee, New Jersey U.S.A. 07024

Tel: (201) 568-4744 Fax: (201) 568-8247

Tlx; 425900 SWIFT UI

FINDING AND LICENSING NEW PRODUCTS & TECH-NOLOGY FROM THE U.S.A.

A 600+ page how-to manual that takes the reader step-by-step through a professional new product

and technology search process. It includes examples of correspondence to use, advice on the value of different types of sources and other information to help maximize the results of a search for licensing opportunities.

Technology Search International, Inc.

500 E. Higgins Road Elk Grove Village, Illinois U.S.A. 60007

Tel: (708) 593-2111 Fax: (708) 593-2182 Tlx: 754296 TECH UD

FOREIGN TRADE BARRIERS

Provides thorough coverage of intellectual property rights in 36 major countries. \$11.00 U.S.

Foreign Trade Barriers U.S. Government Printing Office

PROMOTING TECHNOLOGI-CAL EXCELLENCE: THE ROLE OF STATE AND FEDERAL TECHNOLOGY EXTENSION ACTIVITIES (N.G.A.-NATIONAL GOVER-NOR'S ASSOCIATION)

Study of U.S. state and federal efforts in the field of technology transfer. 75 pages. by Marianne Clarke and Eric Dobon, Capital Resources.

TECHNOLOGY TRANSFER: A PROFILE OF AGENCY ACTIVITIES IN U.S. DEPARTMENT OF AGRICULTURE (USDA)

Includes mission statements, examples of technology transfer, contacts with agencies, etc.

Mrs. Kate Hayes

Technology Transfer: A Profile of Agency Activities in U.S. Department of Agriculture (USDA) Information Center Branch Room 304, National Agriculture Library Beltsville, Marylan, USA 20705 Tel: (202) 447-8904



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