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TECHNOLOGY NETWORKING GUIDE CANADA

To Assist in the Location of:

1. technology-driven business opportunities
2. best-practice technologies

Technology Liaison Directorate
Industry, Science and Technology Canada

September 1990
DRAFT

TECHNOLOGY NETWORKING GUIDE CANADA

To Assist in the Location of:

1. technology-driven business opportunities
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TECHNOLOGY CANADA
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TECHNOLOGIE CANADA

Technology Liaison Directorate
Industry, Science and Technology Canada

September 1990
DRAFT

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INTRODUCTION

The Technology Networking Guide - Canada documents Canadian private and public sector technology information sources, services, programs and contacts. A companion publication, the Technology Networking Guide - International, documents the respective international 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:

- **Industry, Science and Technology Canada (ISTC)** has many sector specialists that can provide 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.
- **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 L1.
- The Field Advisory Services of the **National Research Council (NARC)** provides access to:
 - an extensive Canada-wide laboratory and technical advice network consisting of such components as laboratories of the NARC, other federal government departments, provincial government research centres, universities, and firms; international facilities and expertise can also be accessed.
 - the major scientific and technical library and database search services of the world-class **Canada Institute for Scientific and Technical Information (CIST)** in Ottawa.
 - the **Industrial Research Assistance Program (IRA)** which financially assists firms with technology projects.

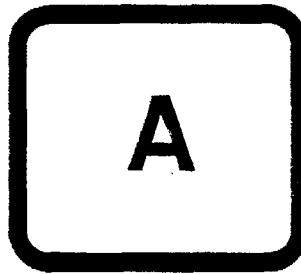
The NARC Field Advisory Services are listed under **Technology Assistance** in the yellow pages. Please call (613) 993-3996 in Ottawa if you have difficulties.

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
235 Queen Street, Room 1002C
Ottawa, Ontario K1A 0H5

Tel: (613) 954-5256
Fax: (613) 954-1894
Tlx: 053-4123



**Newsletters, Periodicals, and Catalogues
Publicizing New Technologies**

**A: NEWSLETTERS, PERIODICALS & CATALOGUES
PUBLICIZING NEW TECHNOLOGIES**

These documents refer to various styles of publications prepared on a periodic basis by Canadian 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, all of which are being undertaken principally by Canadian organizations.
- documents which list opportunities for the licensing of technology. The sources of technology can be anywhere in the world, however, the author must be Canada-based.
- publications which principally describe and report on the Canadian science and technology community or service to facilitate networking within the Canadian science and technology community.

B.C.

B.C. DISCOVERY

A business magazine that focuses specifically on the advanced technology industry. It profiles companies and provides advice on business strategy, finance, law, distribution, strategic partnering and other issues of concern to those managing advanced technology companies. 6 issues per year. \$18.00 Canadian \$27.00 Foreign.

B.C. Discovery
Discovery Foundation
#400, The Station, 601 W Cordova Street
Vancouver, British Columbia V6B 1G1

Tel: (604) 688-8464
Fax: (604) 688-2914

B.C. R&D: A BRITISH COLUMBIA DIGEST OF TECHNOLOGY RESEARCH & DISCOVERY

A monthly magazine that contains information on commercializable technologies from British Columbia. \$12 per year.

Discovery Foundation
#220 - 3700 Gilmore Way
Burnaby, British Columbia V5G 4M1

Tel: (604) 430-3533
Tlx: 04-356595

EXPORT BRITISH COLUMBIA BULLETIN

This program assists British Columbia manufactures to promote their products to foreign markets by providing a forum to advertise to foreign trade offices and various business magazines worldwide. Bulletin is distributed free and there is an entry fee to appear in the bulletin.

Export British Columbia Bulletin
British Columbia Trade Development Corporation (BCTDC)
750 Pacific Blvd. South
Vancouver, British Columbia V6B 5E7

Tel: (604) 844-1900

NEW TECHNOLOGY JAPAN

New Technology Japan
Overseas Courier Service Attn: Yoko Lin
3600 Viking Way
Richmond, British Columbia V6N 1N6

Tel: (604) 270-1138

Alberta

CHIPTALK

Published quarterly to provide information on new technology development at the Centre and on the electronics industry in Alberta and Canada

Chiptalk

Alberta Microelectronic Centre
200-3535 31st Street NW
Calgary, Alberta T2L 2K7

Tel: (403) 289-2043
Fax: (403) 289-2047

LASERTALK

Newsletter published by The Laser Institute located in Edmonton, Alberta, covering news of the evolving world of laser technology.

The Laser Institute

9924-45 Avenue
Edmonton, Alberta T6E 5J1

Tel: (403) 436-9750
Fax: (403) 437-1240

R&D

Bi-monthly newsletter featuring research and development activities at the Alberta Research Council. No charge.

Research and Development at the Research Council

Alberta Research Council
P.O. Box 8330, Postal Station "F"
Edmonton, Alberta T6H 5X2

Tel: (403) 450-5147
Fax: (403) 461-2651

SCIENCE CITY NEWS

Newsletter published by the Alberta Provincial Government Department of Technology Research and Telecommunications, covering a wide range of technical topics including reviews of new technologies and innovative new products developed in Alberta.

Alberta Technology, Research and Telecommunications

12th Floor Pacific Plaza
10909 Jasper Avenue
Edmonton, Alberta T5J 3M8

Tel: (403) 422-0567
Fax: (403) 420-1474

TELETALK

Published monthly, it provides information on new technology development at the Centre and on the telecommunications industry.

Teletalk

Alberta Telecommunications Research Centre
200-4245 97th Street
Edmonton, Alberta T6E 5Y4

Tel: (403) 461-3830
Fax: (403) 463-3010

Sask.

THE LEADING EDGE

Saskatchewan Science and Technology newsletter is published bi-monthly to serve Saskatchewan's advanced technology industry.

The Leading Edge

15 Innovation Boulevard
2nd Floor SEDCO Centre
Saskatoon, Saskatchewan S7N 2X8

Tel: (306) 933-7211

Manitoba CONNECTIONS

A newsletter published quarterly by the University of Manitoba, which describes available technologies.
ISSN 0835-9075.

Ray Hoemsen, P. Eng.
R&D Program Coordinator
Institute for Technological Development
Faculty of Engineering, University of Manitoba
Winnipeg, Manitoba R3T 2N2

Tel: (204) 474-6200
Fax: (204) 261-3475

Ontario A COMPENDIUM OF BUSINESS OPPORTUNITIES BASED ON TECHNOLOGY OF THE NATIONAL RESEARCH COUNCIL OF CANADA

A booklet, updated quarterly, listing a selection of technologies available for license from research projects conducted at the National Research Council of Canada or affiliated institutions and companies. Available at no charge.

Industrial Research Assistance Program
International Technology Transfer
Industry Development Office
National Research Council of Canada
Montreal Road, Building M-55
Ottawa, Ontario K1A 0R6

Tel: (613) 993-7004

BUSINESS OPPORTUNITIES QUARTERLY

A listing of various opportunities, some of which involve technology transfer. Small annual subscription fee.

The Bank of Nova Scotia
Business Opportunities, Commercial Banking Service
181 University Avenue, Suite 1900
Toronto, Ontario M5H 1H1

Tel: (416) 866-4285
Fax: (416) 866-4839
Tlx: 0622106
Cable: SCOFORX

COMMUNIQUE

A quarterly newsletter published by the Research Centre for Management of New Technology (REMAT). Covers various topics related to new technology implementation and adoption, news releases from numerous associations and up and coming events.

**The Research Centre for Management
of New Technology (REMAT)**

Wilfrid Laurier University
Waterloo, Ontario N2L 3C5

Tel: (519) 884-1970
Ext. 2662
Fax: (519) 884-8853

THE CORPUS ADMINISTRATIVE INDEX

Index lists key officials in federal and provincial departments, agencies, boards, commissions and crown corporations in Canada. Information available includes name, title, address and phone, telex and fax numbers. Updated every three months.

The Corpus Administrative Index
1450 Don Mills Road
Don Mills, Ontario M3J 2X7

Tel: (416) 442-2122
Fax: (416) 442-2200
Tlx: 06-966612

CPI NEWSBRIEF

Monthly newsletter featuring advances in plastics technology and resulting business opportunities. No charge. Available in French or English.

Canadian Plastics Institute
1262 Don Mills Road
Don Mills, Ontario M3B 2W7

Tel: (416) 441-3222

EUREKA! THE CANADIAN INVENTORS NEWSLETTER

A quarterly newsletter featuring articles on current Canadian innovations. No charge.

Canadian Industrial Innovation Centre
156 Columbia Street West
Waterloo, Ontario N2L 3L3

Tel: (519) 885-5870
Toll Free: 1-800-265-4559

FOCUS

Provides information relevant to women inventors including notices of seminars/workshops and publications.

Women Inventors Project
22 King Street South, Suite 500
Waterloo, Ontario N2J 1N8

Tel: (519) 746-3443

FORMAT

Quarterly newsletter covering MIT activities such as conferences, seminars and book reviews.

Management of Technology and Innovation Institute (MTI)
P.O. Box 7070
1276 Sandhill Drive
Ancaster, Ontario L9G 3L3

Tel: (416) 648-7344
(416) 525-9140
Ext. 7102
Fax: (416) 648-7311

GOVERNMENT FUNDING: HOW TO TAP THE RESOURCES

Publication notes a number of government initiatives and programs and identifies contacts for obtaining further information. Lists federal government programs as well as programs in Atlantic Canada, Western Canada, Ontario and Quebec.

Government Funding: How to Tap The Resources
Canadian Plastics Institute
1262 Don Mills Road Suite 48
Don Mills, Ontario M3B 2W7

Tel: (416) 441-3222
Fax: (416) 441-1208

INNOVATION SHOWCASE

A quarterly newsletter of particular interest to small and medium sized enterprises (SME'S). Information featured includes news, events, activities, services, and seminars of the Canadian Industrial Innovation Centre and other organizations in the innovator/entrepreneur assistance community.

Canadian Industrial Innovation Centre
156 Columbia Street West
Waterloo, Ontario N2L 3L3

Tel: (519) 885-5870
Toll Free: 1-800-265-4559

INNOVATION

A quarterly periodical containing articles on various aspects of innovative technology including success stories on Canadian entrepreneurs and firms, reviews of specialized technology centres, listings of innovative new technologies/products available for license and of technology/new product searches, and information on departmental programs and services relating to innovation. No charge for subscription.

Innovation, Technology Transfer Services
Technology Liaison Directorate (JOII)
Industry, Science and Technology Canada (ISTC)
235 Queen Street
Ottawa, Ontario K1A 0H5

Tel: (613) 954-3458
Fax: (613) 954-1894

INNOVATIONS

A publication listing hundreds of Canadian government technologies available for licensing. Cost for binder is \$12. Regular updates mailed to subscribers at no charge.

Marketing and Licensing
Canadian Patents and Development Limited
275 Slater Street
Ottawa, Ontario K1A 0R3

Tel: (613) 990-6100

JAPAN TRADE COUNCIL NEWSLETTER ISSN 0045-4214

Tel: (613) 233-4047
Fax: (613) 233-2256

THE LOOKING GLASS

A newsletter published by Information Technology Research Centre (ITRC), a Centre of Excellence supported by the Province of Ontario through the Premier's Council. Reports on relevant advances in innovative fundamental and applied research information technology.

The Looking Glass
Information Technology Research Centre (ITRC)
777 Bay Street Suite 401
Toronto, Ontario M5G 2C8

Tel: (416) 978-7203
Fax: (416) 978-7207

"OFFERS": LICENSING OPPORTUNITIES AND PRODUCT REQUESTS AND EXPORT OPPORTUNITIES

A catalogue published several times per year by a Canadian technology transfer consulting firm, established in 1975. No charge for subscription.

Lomar Associates
1384 Tyandaga Park Drive
Burlington, Ontario L7P 1N3

Tel: (416) 336-0002
Tlx: 061-8673
LOM (Fell-Fab)

SCIENTIFIC AND TECHNICAL SOCIETIES OF CANADA 1988

Includes national, provincial and regional associations devoted to a scientific, technical or medical discipline(s). A keyword out of context (KWOC) subject index an index to societies publication are included. Published every 2 years.

**Scientific and Technical Societies
of Canada 1988**
Canada Institute for Scientific and
Technical Information (CISTI)
National Research Council of Canada
NRC no. 30087

Tel: (613) 993-2441 English
Tel: (613) 993-2528 French

SELECTED TITLES

Lists the most popular publications and periodicals produced by the Government of Canada. Section on Science and Technology is relevant. Published twice yearly.

Publicity and Promotion/Marketing Group

Canadian Government Publishing Centre

45 Sacre-Coeur Blvd.

Hull, Quebec K1A 0S7

Tel: (613) 956-1599

Tel: (613) 956-4749

SMALL BUSINESS WORLD

Magazine is published 6 times per year. Advertising space is available for interested firms. Contains feature articles on subjects such as franchising. Cost is \$10 per year or \$18 for 2 years. Foreign rates are US\$15 and US\$23. Single copies are \$2 each.

Small Business World

P.O. Box 228 Station "A"

Ottawa, Ontario K1N 8V2

Tel: (613) 733-4260

TECHNOLOGY TODAY

A technology magazine published by Ortech International

ORTECH International

Sheridan Park Research Community

2395 Speakman Drive

Mississauga, Ontario L5K 1B3

Tel: (416) 822-4111

Fax: (416) 823-1446

TECHNOLOGY VENTURING IN CANADA: A DIRECTORY OF FEDERAL RESEARCH ESTABLISHMENTS BY PROVINCE AND DEPARTMENT

Part I consists of a handbook on the diffusion of technologies from federally funded research. Part II, which forms the major portion of this publication, consists of an annotated directory of federal research establishments by province and department. Prepared by Denzil Doyle for the Ministry of State for Science and Technology (1986).

Business Services Centre

Industry, Science and Technology Canada (ISTC)

235 Queen Street (ZBUS)

Ottawa, Ontario K1A 0H5

Tel: (613) 995-5771

TECHNOLOGY SOURCE

Newsletter published 10 times annually by the Canadian Manufacturing Advanced Technology Exchange (CAN-MATE) at a subscription fee of \$40. It covers various topic areas related to new technology, including university activities. Also available in database form through DATAPAC. ISSN 0840-9358.

Canadian Manufacturing Advanced Technology Exchange

(CAN-MATE)

One Yonge Street, 14th Floor

Toronto, Ontario M5E 1J9

Tel: (416) 363-7261

1-800-268-8177

TECHNOLOGY FOCUS

Newsletter published three times per year by the Department of Energy Mines and Resources. Distributed free of charge to industrial clients, research organizations, and interested parties, it deals in opportunities for cooperative research, technology transfer and the development and application of new technology through communications with CANMET and its clients. Clients are invited to send articles to the editor on achievements and interests.

Technology Focus
Technology Marketing Division
Canada Centre for Mineral & Energy Technology (CANMET)
555 Booth Street
Ottawa, Ontario K1A 0G1

Tel: (613) 992-6211
Fax: (613) 952-2587

TECHNOLOGY PROSPECTING ABROAD

Document describes technological trends and research programs in the US, Japan, France, West Germany, the UK, the European Community, Belgium and the Netherlands.

Technology Prospecting Abroad
Science and Technology Division (TDS)
External Affairs and International Trade Canada
125 Sussex Drive
Ottawa, Ontario CANADA K1A 0G2

Tel: (613) 996-4160

THE MARKET PLACE

An Ontario government newsletter listing manufacturing, joint venture, licensing and invention opportunities from around the world. Available Ontario production facilities, merger and acquisition, subcontract and agent/distributor opportunities are also listed. Only available in Ontario. No charge. Ten issues per year.

Government of Ontario
Business Development Branch
Ministry of Industry, Trade and Technology
Room 755, Hearst Block, Queen's Park
Toronto, Ontario M7A 2E1

Tel:(416) 324-4515

WASTEWATER TECHNOLOGY CENTRE NEWSLETTER

Newsletter produced four times annually by the Wastewater Technology Centre, a Canadian government research facility and part of Environment Canada's Conservation and Protection Service, at no charge. The focus of the newsletter is on research and development of environmental protection technology in areas related to water pollution control and waste management. No Charge.

Wastewater Technology Centre
P.O. Box 5050
867 Lakeshore Road
Burlington, Ontario L7R 4A6

Tel: (416) 336-4588
Flx: (416) 336-4765

WAVES

A newsletter from the Institute for space and Terrestrial Science (ISTS), an Ontario Centre of Excellence.

Waves
Institute for Space and Terrestrial Science (ISTS)
4850 Keele Street
North York Ontario M3J 3K1

Tel: (416) 736-5681
Fax: (416) 736-5010

Québec

CENTRE FRANCAIS DE COOPERATION INDUSTRIELLE (CFCI)

Report on products for licensing, produced in Montreal and is affiliated with P'ACTIM in Paris. Each item is listed by a number and name and short description of the product is included.

**Centre Français de Coopération
industrielle (CFCI)**

20 Elgin CP 218
Place Bonaventure
Montreal, Quebec H5A 1A9

Tel: (514) 861-8471

Tlx: 055-61761

Nova
Scotia

INNOVATIONS

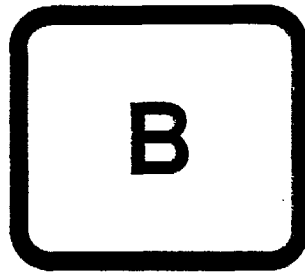
A quarterly magazine featuring articles on new commercializable technologies from Nova Scotia.

Innovations

c/o Department of Industry, Trade and Technology

P.O. Box 519

Halifax, Nova Scotia B3J 2R7



Computer Databases

B: COMPUTER DATABASES

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

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.
- Specialized knowledge and skills are required to effectively and economically search these databases. Such expertise is listed in Section D.
- 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:
 - **CAN/OLE** - accesses a wide range of scientific and technical data.
Contact: (613) 993-1210
 - **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

UNIVRES (DIRECTORY OF FEDERALLY SUPPORTED RESEARCH IN UNIVERSITIES) (formerly IEC)

Online Service: CISTI, Canadian Online Enquiry Service (CAN/OLE)

Contains descriptions of approximately 180,000 university-based research projects sponsored by 36 funding agencies in Canada. This multidisciplinary database covers all individuals who receive Canadian federal grants. Corresponds to Directory of Federally Supported Research in Universities.

Available in French and English

SPECIFIC SECTOR NEW PRODUCT/NEW TECHNOLOGY DATABASE

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

Ontario

COAL RESEARCH PROJECT (COALPRO)

An international inventory of research projects in coal science and technology as reported by government, universities and research establishments. The database contains current projects and those completed in the last four years.

Coal Research Project (COALPRO)
Library Documentation & Service Division
CANMET 555 Booth Street
Ottawa, Ontario CANADA K1A 0G1

Tel: (613) 995-4059
Fax: (613) 952-2587

ENERGY TECHNOLOGY DATABASE

Database is multinational containing energy technology literature from Canada, Japan, Denmark, the Federal Republic of Germany, Finland, The Netherlands, Norway, Spain, Sweden, United Kingdom and the United States. Includes journal literature, research reports, conference presentations and patents. Citations are in English with original language noted.

Energy Technology Database
Technology Information Division
Canada Centre for Mineral and Energy Technology (CANMET)
555 Booth Street
Ottawa, Ontario K1A 0G6

Tel: (613) 995-4059

FOREST

Online Service: ORBIT, Search Service

Contains over 19000 citations on wood and chemical forest products covering the fundamental properties of wood, management, processes, and products. Main emphasis is on solid wood products and primary processing.

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 350 000 citations to worldwide literature in food science and technology dealing with all human food commodities and food processing.
CISTI accessible only in Canada

ICAR (INVENTORY OF CANADIAN AGRI-FOOD RESEARCH)

Online Service: CISTI, CAN/OLE

Contains about 4400 references to current agricultural and food research and development projects of the Canadian government.

ICC CANADIAN CORPORATION DATABASE

Online Service: Data Star, DIALOG and Informart + Online

Contains descriptive and financial data for about 7000 public, private and Canadian government corporations.

English with some french

IMPLEMENTECH

A database containing over 1000 annotated bibliographies dealing with the implementation of change in a technological environment. Can be accessed by industry, technology and key words.

The Research Centre for Management of New Technology (REMAT) Tel: (519) 884-1970
Wilfrid Laurier University Ext. 2662
Waterloo, Ontario N2L 3C5 Fax: (519) 884-8853

INDEX OF MINING TECHNOLOGY PROJECT (RESM)

Index contains information on projects being carried out by Canadian mining companies, universities, federal and provincial agencies, and the private sector. It includes bilingual field names and category, organizations, project type and the commodity the project relates to.

Index of Mining Technology Project (RESM) Tel: (613) 995-4059
Library Documentation & Services Division Fax: (613) 952-2587
CANMET 555 Booth Street
Ottawa, Ontario CANADA K1A 0G1

INDEX OF MINERAL PROCESSING PROJECTS (RESP)

Index contains information on mineral processing projects being carried out by Canadian companies, universities and federal and provincial agencies. It includes bilingual field names and category descriptions. Documents contain contacts, organizations, project type and the commodity the project relates to.

Index of Mineral Processing Project (RESP) Tel: (613) 995-4059
Library Documentation & Services Division Fax: (613) 952-2587
CANMET 555 Booth Street
Ottawa, Ontario K1A 0G1

PLASCAMS (PLASTICS MATERIALS SELECTION SYSTEM)

A database for selecting plastics based on one or more required properties, and for providing information on specific plastics such as properties, costs, applications and suppliers.

Canadian Plastics Institute Tel: (416) 441-3222
1262 Don Mills Road
Don Mills, Ontario M3B 2W7

PUBLICATIONS OF THE INSTITUTE FOR RESEARCH IN CONSTRUCTION

Online Service: CISTI, Canadian Online Enquiry Service (CAN/OLE)

Contains about 2600 citations, with abstracts, to theoretical and applied construction literature written or commissioned by the IRC. Covers structural engineering, materials science, construction science, building energy performance, fire research, and fire performance studies. Users can order documents online.

Available in French and English.

TECHSTART DATABASE

Database links new product and technology opportunities with business resources worldwide. Members use database to broadcast or locate new products and technology opportunities and to become aware of state-of-the-art innovations from around the world. Each technology found costs Cdn. \$150. Introduction to company, if desired is Cdn. \$500. Fees are charged for help with technology transfers or joint ventures.

Techstart Database Tel: (416) 366-0163
22 International Fax: (416) 367-3316
1 First Canadian Place, Suite 5900 Tlx: 06-218110
P.O. Box 24
Toronto, Ontario M5X 1K2

Québec

TRANSIN DATABASE

Database of offers and requests for technologies and new products from private or public sources since 1980. Records are saved for 3 years and database is updated twice monthly. Producer is Transinove International Co. of France.

IST Informatèque

Tel: (514) 333-5577

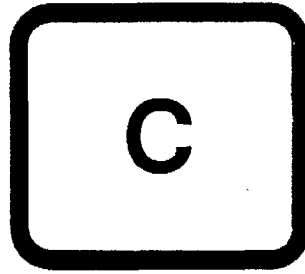
1600 Henri Bourassa West
Montreal, Quebec CANADA H2X 2C6

N.S.

ENERGY NOVA SCOTIA

Online Service: QL Systems Limited

Contains about 1700 citations to literature in the collections of the Nova Scotia Research Foundation and Nova Scotia Department of Mines and Energy. Emphasis is on renewable energy sources and conservation. Topics covered include solar energy, wind power, use of wood waste, heating systems, energy efficient housing construction, municipal energy management, and energy audits.



**Technology Brokers and
Consultants**

C: TECHNOLOGY BROKERS & CONSULTANTS

This category includes private and public sector organizations who offer a substantial level of assistance associated with the definition of requirements, search, licensing, acquisition, and implementation of technologies which are new to the recipient organization.

B.C.

BRITISH COLUMBIA RESEARCH CORPORATION

An independent industrial research company which performs contract research work for industry and government, within and outside of British Columbia. A wide range of training seminars and courses of a technical nature are also conducted. Sizeable staff and laboratory facilities covering a wide range of disciplines including applied biology, applied physics and engineering and industrial chemistry.

British Columbia Research Corporation
3650 Wesbrook Mall
Vancouver, British Columbia V6S 2L2

Tel: (604) 224-4331
Fax: (604) 224-0540

PATENTECH RESOURCES INC.

Mr. R.T. (Bob) Wagner
Research Director
Patentech Resources Inc.
P.O. Box 48205, Bentall Centre 111
Vancouver, British Columbia V7X 1N8

Tel: (604) 731-9622

PRAXIS MANAGEMENT LTD.

Specializes in arranging government funding. Services include financing (sourcing of government funds), and the location of alternate sources of technology (technology sourcing, offshore representation, technology import and export) for business and non-profit organizations, especially for technology-related projects. Also provides technology search and related management and marketing expertise.

Praxis Management Ltd.
Suite 216, 3700 Gilmore Way
Burnaby, British Columbia V5G 4M1

Tel: (604) 439-0100

Alberta

CANADIAN QA INC. QUALITY ASSURANCE CONSULTANTS

Don Dakul
#525 - 700 6th Avenue S.W.
Calgary Alberta T2P 0T8

Tel: (403) 233-8232
Fax: (403) 233-8280

DIACON CONSULTING LTD.

Mr. Glenn A. Davis
Diacon Consulting Ltd.
1100 - 639, 5th Avenue S.W.
Calgary, Alberta T2P 0M9

Tel: (403) 237-6785
Fax: (403) 290-1832
Tlx: 03-821172 CGY

INTERTECH: TECHNOLOGY BROKERAGE SERVICE

Primary activities include identifying foreign technologies that have potential in Canada, selecting recipient Canadian companies, and effecting the transfer. Database and other services related to tech transfer are available.

Dr. Christina Castro
Intertech c/o New Venture Development
The University of Calgary
2500 University Drive N.W.
Calgary, Alberta T2N 1N4

Tel: (403) 220-7820
Fax: (403) 282-0095

OR

Dr. Wilson E. Russel
Intertech
Suite 4000, 198 Water Street
P.O. Box 5850
St. John's, Newfoundland A1C 5X3

Tel: (709) 722-6221
Fax: (709) 722-9544

JOINT VENTURES INTERNATIONAL INC.

233 Edgedale Gardens N.W.
Calgary, Alberta T3A 4M8

Tel: (403) 239-5070
Fax: (403) 547-0843

TECHNOLOGY BROKERS INC.

Mr. Rick S. Brommeland
Technology Brokers Inc.
1650 A.E. Lepage Building
10130 - 103 Street
Edmonton, Alberta T5J 3N9

Tel: (403) 428-0956
Fax: (403) 425-6330

Sask.

IRIS SYSTEMS INC.

Mr. Michael Wiebe
Iris Systems Inc.
375 - 435 Ellice Avenue
Winnipeg, Manitoba R3B 1Y6

Tel: (204) 947-9064
Fax: (204) 943-3803

JORDANIAN CANADIAN DEVELOPMENT CO.

The company is a registered joint venture company which includes several firm members. Collectively, their export strategy is intended to assist them to market their expertise. Technology developed in Canada as well as manufactured products using Canadian technology is available to Canadian Consulting International for export. Products and technology readily available pertain to agriculture, education, telecommunications, traffic, mining, food processing, forestry, and electrical apparatus.

Jordanian Canadian Development Co.
1030 Avenue L. South
Saskatoon, Saskatchewan S7M 2J5

Tel: (306) 244-6371
Fax: (306) 664-2771

TECHNOLOGIES BROKERAGE INC.

Mr. Michael Lau
Technologies Brokerage Inc.
435 Ellice Avenue Suite 265
Winnipeg, Manitoba R2B 1Y6

Tel: (204) 957-5199
Fax: (204) 957-5182

TRON INDUSTRIAL DATA SYSTEMS, INC.

Mr. Cliff Skrypnyk
Tron Industrial Data Systems, Inc.
437 McMaster Street
Saskatoon, Saskatchewan W7H 4E8

Tel: (306) 993-0005

Manitoba FIRST EXPRESSIONS COMMUNICATIONS

Firm specializes in launching new ventures, particularly those relating to northern development, the truck transportation industry and/or commercial and entrepreneurial ventures by Metis people. Services include preparation of comprehensive business plans, financial sourcing and management consulting

First Expressions Communications

232-408 Broad Street
Regina, Saskatchewan S4R 1X3

Tel: (306) 924-2407

or
202-3575 Portage Avenue
Winnipeg, Manitoba R3K 0X2

Tel: (204) 831-5100

LESTER M. GLANTZ, P.E.

Provides technology transfer and related consulting services including technology assessment, new venture launch, etc., with concentration on medical and health care fields including instrumentation and biomedical.

Lester M. Glantz, P.E.
512 Bower Boulevard
Winnipeg, Manitoba R3P 0L8

Tel: (204) 889-2071

MONTE B. RABER, P.ENG

Broad experience with a wide range of technologies. Specializes in identifying and applying the appropriate technology to health related products and problems, and small and medium-scale businesses which can benefit from semi-automation. Background in research, engineering, medical care, manufacturing and marketing.

Monte B. Raber, P.Eng
Engineering Consultant
83 Coralberry Avenue
Winnipeg, Manitoba R2V 2P2

Tel: (204) 339-3732

Ontario AALTO INC.

Ms. Lisa Aalto
Aalto Inc.
55 Harbour Square, Suite 3316
Toronto, Ontario M5J 2L1

Tel: (416) 362-9492

Tlx: 065-24736

ALDERSEY TECHNOLOGY INC.

Specializes in mining/mineral processing and coal, oil, natural gas recovery and processing.

Aldersey Technology Inc.
Dr. Iain C.G. Ogle
2740 Queensview Drive
Ottawa, Ontario K2B 8H6

Tel: (613) 726-0581

Fax: (613) 726-1679

AMW TECHNOLOGIES INC.

Dr. Aki Watanabe
AMW Technologies Inc.
13 Lismer Crescent
Kanata, Ontario K2K 1A3

Tel: (613) 594-3299
Fax: (613) 594-9075

CADOREL MANAGEMENT INC.

Assists companies in the acquisition of new automation products and processes by identifying the technology needs, searching for the required technology, and obtaining government financial assistance to develop them to the commercialization stage.

Bob Leong, P.Eng.
Cadorel Management Inc.
P.O. Box 7316
Ottawa, Ontario K1L 8E4

Tel: (613) 745-9908
Fax: (613) 745-2761

CANADA OPPORTUNITIES INVESTMENT NETWORK (COIN)

A confidential computer service operated by the Provincial Chambers of Commerce in Canada, is available through over 500 community Boards of Trade and Chambers of Commerce. COIN electronically matches investors and entrepreneurs to find business opportunities, buy or sell business, enter into strategic alliances, or find partners. COIN also can locate funds for start-ups, expansion, research, acquisitions, turnarounds, or diversification. Entrepreneurs pay \$150 per year, and investors \$250 per year.

Canadian Opportunities Investment Network (COIN)
2323 Yonge Street
Toronto, Ontario M4P 2C9

Tel: (416) 482-5225

CARL W. NYGREN

Carl W. Nygren
2116 Granby Drive
Oakville, Ontario L6H 3Y8

DUNCAN A. MACKILLOP

Duncan A. MacKillop
61 Hernshaw Crescent
Etobicoke, Ontario M9C 3M6

Tel: (416) 621-0696

ENTINEX INC.: BUSINESS OPPORTUNITY NETWORK

An investment opportunity search service for investors wishing to make an equity investment in a business or buy a business. Approximately 500 national opportunities are listed on their database. Industry sector searches, for 30 days, cost \$150 and the same service is charged to investors who visit their office to browse through the database. A quarterly printout called ENTINEX is available for \$150 per year.

ENTINEX Inc.
Business Opportunity Network
The Simpson Tower
401 Bay Street, Suite 1620
P.O. Box 20
Toronto, Ontario M5H 2Z1

Tel: (416) 359-0037
Fax: (416) 363-6614

FASKEN & CALVIN

C. Ian Kyer

Partner

Richard B. Potter

Fasken & Calvin

Box 30

Toronto Dominion Centre

Toronto, Ontario M5K 1C1

Tel: (416) 366-8381

Fax: (416) 364-7813

FTI FOODTECH INTERNATIONAL INC.

Mr. William Hullah

FTI Foodtech International Inc.

43 Railside Road

Don Mills, Ontario M3A 3L9

Tel: (416) 444-1058

Fax: (416) 444-9524

GELDA SCIENTIFIC AND INDUSTRIAL DEVELOPMENT INC.

Mr. Arvind Gelda

Gelda Scientific and Industrial

Development Inc.

5466 Gorvan Drive

Mississauga, Ontario L4W 3E8

Tel: (416) 624-2779

Fax: (416) 624-2469

Tlx: 065-28210 MSGA

HARWILL TECHNOLOGIES INTERNATIONAL INC. (HTI)

Helps companies with the acquisition of new products and processes, by identifying corporate needs, and providing information on searches, licensing, technology transfer, etc.

Harwill Technologies International Inc. (HTI)

425 Gloucester Street

Ottawa, Ontario K1R 5E9

Tel: (613) 594-3299

Fax: (613) 594-9075

Tlx: 053-4741

HSC RESEARCH DEVELOPMENT CORP.

Dr. J. Alexander Lowden

President

Ms. Barbara Lavers

Manager, New Business Development

HSC Research Development Corp.

88 Elm Street

Toronto, Ontario M5G 1X8

Tel: (416) 598-5982

Fax: (416) 598-7163

Tel: (416) 598-5765

INQUIX CONSULTING LIMITED

A business information research organization.

Inquix Consulting Limited

3300 Bloor Street West, Suite 3100

Etobicoke, Ontario M8X 2X3

Tel: (416) 234-9971

Fax: (416) 239-9528

INTERNATIONAL MEDICAL MACHINES INC.

Dr. Norman Salansky

International Medical Machines Inc.

P.O. Box 3043, Station D

Willowdale, Ontario M2R 3G5

Tel: (416) 661-3030

Fax: (416) 661-3036

INTERNATIONAL COMMERCE ASSOCIATES

International Commerce Associates provides technology sourcing and transfer services, focusing on Canada-Japan and Canada-European community arrangements. Access to numerous government and private sector contacts, as well as data-bases in Japan and the EC, complements the multi-disciplinary skills and experience of ICA's partners, permitting the identification and implementation of strategic alliances, joint ventures and other forms of technology transfers between Canadian and foreign firms.

International Commerce Associates
251 Laurier Avenue West
Suite 403
Ottawa, Ontario K1P 5J6

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

J.C. DE LA RIVIERE ASSOCIATES LTD.

Mr. Charles de la Riviere
J.C. de la Riviere Associates Ltd.
55 Hood Crescent, P.O. Box 3011 Station F
Scarborough, Ontario M1W 3P5

Tel: (416) 498-1591
Fax: (416) 498-4582

JDY MANAGEMENT LIMITED

Mr. Younger, President, is a member of the Licensing Executives Society (LES) and a former president of several firms manufacturing chemicals, plastics and mechanical products. Complete technology transfer services from sourcing technology to overseeing implementation/staff training and organizing marketing are offered.

Mr. J.D. Younger, P.Eng
President, JDY Management Limited
11 Bedford Crescent
Ottawa, Ontario K1K 0E3

Tel: (613) 744-0880
Fax: (613) 744-8373

JR TECHNOLOGIES

Mr. James Moore
JR Technologies
749 Walker Road
Windsor, Ontario N8Y 2N2

Tel: (519) 225-7757
Fax: (519) 225-7713
Tlx: 064-77624

LOMAR ASSOCIATES

Mr. J.L. (Lou) Eckebrecht, founder of Lomar, has over 30 years experience in international technology transfer, including license negotiation. The firm acts as a consultant to provincial and federal government departments, and holds seminar programs. It is also the Canadian representative for Dr. Dvorkovitz & Associates Data Bank of technology opportunities, based in Florida, and has a world-wide network of licensing consultants to assist in new technology/product searches.

J.L. (Lou) Eckebrecht
Lomar Associates
Lomar Trading Co., Ltd.
1384 Tyandaga Park Drive
Burlington, Ontario L7P 1N3

Tel: (416) 632-3863
Fax: (416) 560-9846

MYER HERZIG, ESQ.

Myer Herzig, Esq.
Meridith & Herzig
77 Metcalfe Street, Suite 602
Ottawa, Ontario K1P 5L6

Tel: (613) 232-9609
Fax: (613:238) 8727

NMR TECHNOLOGIES - CONSULTING DIVISION

Offers consulting services in several areas: Intellectual property strategies, technology licensing, business development and financial and technical support.

NMR Technologies - Consulting Division

R. Philar
301 - 120 Holland Avenue
Ottawa, Ontario K1Y 0X6

Tel: (613) 729-6030
Fax: (613) 729-3752

PALADIN CONSULTING

The firm emphasizes the identification of commercial opportunities arising from new technological developments, and the creation of new companies to exploit such, including the sourcing of capital.

Paladin Consulting

102 Bloor Street West, Suite 1100
Toronto, Ontario M5S 1M8

Tel: (416) 960-4159
Fax: (416) 960-4154

Québec

BUSINESS MARKETPLACE

Provides entrepreneurs and investors with detailed financial and technical advice from experts, and assistance in looking for financing.

Business Marketplace

Maheu & Noiseux
2 Complexe Desjardins, Suite 2600
P.O. Box 153
Montreal, Quebec H5B 1E8

Tel: (514) 281-1555

CIIM

Ms. Camille Michaud

Marketing Director

CIIM

6600 Cote-des-Neiges, Suite 500
Montreal, Quebec H3S 2A9

Tel: (514) 737-9883
Fax: (514) 737-1535

FINANCIAL MATCHMAKING SERVICE

A Federal Business Development Bank computer system that 'matches' entrepreneurs seeking capital with investors. Available through all FBDB branches and to foreigners through Canadian embassies and consulates. Entrepreneurs and investors pay \$250 to be recorded on the list; if a 'match' is made, a fee is payable depending on the amount of the investment. Approximately 1,500 investors and entrepreneurs are listed.

Financial Matchmaking Service

Federal Business Development Bank (FBDB)
800 Victoria Square, Bureau 4600
P.O. Box 187
Montreal, Quebec H4Z 1C8

Tel: (514) 283-7220

ILC INTERNATIONAL CORP

Richard Gareau

President

ILC International Corp

403 Place Jacques-Cartier
Montreal, Quebec H2Y 3B1

Tel: (514) 875-4300
Fax: (514) 875-4303

INCOTERM

Incoterm specializes in the management of international business, offering comprehensive professional services in many areas. i.e. marketing, marketing strategy, export management, and international technology transfer. Work is in English, French, Arabic and Spanish.

Incoterm

2144, rue King Ouest
Bureau 240
Sherbrooke, Quebec J1J 2E8

Tel: (819) 822-1555
Fax: (819) 822-1524

OR

Incoterm

5291, rue St-Urbain
Montreal, Quebec H2T 2W8

Tel: (514) 279-8117
Fax: (514) 272-2673

NETWORK

Specializes in the establishment of contacts with and between companies interested in developing partnerships. Operates in 100 regions spanning 5 continents, helping companies set up joint ventures, industrial agreements, loans equity investments, partnerships etc. Services 1,000 companies seeking business partners and 100 regions seeking economic promotional assistance. Several publications are available.

Network

1801 McGill College Avenue, Suite 970
Montreal, Quebec M3A 2N4

Tel: (514) 288-3931
Fax: (514) 288-0641
Tlx: 055-62131
unitech-mtl

RESCAN CONSULTANTS LTD.

Ms. Margarita Reti
ResCan Consultants Ltd.
Division Armar International Inc.
388 St. Jacques Suite 500
Montreal, Quebec H2Y 1S1

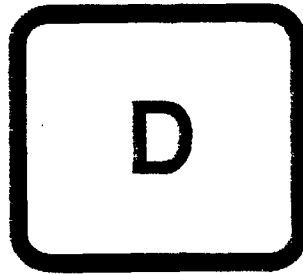
Tel: (514) 284-3696
Fax: (514) 284-0043

N.B.

L.D. DIMOCK & SON LTD.

Mr. Errol Dimock
L.D. Dimock & Son Ltd.
P.O. Box 1261
Moncton, New Brunswick E1C 8P9

Tel: (506) 382-2785
Fax: (506) 857-1748



Information Brokers

D: INFORMATION BROKERS

Information brokers include Canadian organizations who offer services related to the search for, or supply of scientific and technical information in both printed and computer data form.

B.C. **LM WARREN INC.**
Specializes in data base searches.
LM Warren Inc.
1040 West Georgia Street, Suite 1120
Vancouver, British Columbia V6E 4H1
Tel: (604) 683-4446
Fax: (604) 684-6450

VANCOUVER PUBLIC LIBRARY
Vancouver Public Library
Business Division
750 Burrard Street
Vancouver, British Columbia V6Z 1X5
Tel: (604) 665-3365
Fax: (604) 665-2265

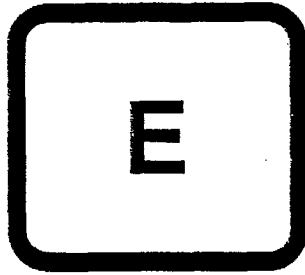
Alberta **ALBERTA RESEARCH COUNCIL**
Alberta Research Council
250 Karl Clark Road
Box 8330 Station F
Edmonton, Alberta T6H 5X2
Tel: (403) 450-5056
Fax: (403) 461-2651

CALGARY PUBLIC LIBRARY
Calgary Public Library
Business Department
616 Macleod Trail S.E.
Calgary, Alberta T2G 2M2
Tel: (403) 268-8962
Fax: (403) 260-2606
Fax: (403) 237-5393

INFORMATION GROUP WEST
Provides firms with customized information required for problem solving and decision making. Specializes in intelligence reports on companies, products, markets or industries based on information accessed through online data bases, and research and information services world-wide.
Information Group West
205-9th Avenue S.E., Suite 500
Calgary, Alberta T2G 0R4
Tel: (403) 262-9370
Fax: (403) 262-9260

UNIVERSITY OF CALGARY
Students/faculty have priority.
Management Resource Centre
University of Calgary
2500 University Drive N.W.
Calgary, Alberta T2N 1N4
Tel: (403) 220-7577

Sask. **GLOBAL INFOBROKERS INC.**
Global Infobrokers Inc.
819 Cynthia Street
Saskatoon, Saskatchewan S7L 6C9
Tel: (306) 665-2737
Fax: (306) 652-5051



**Specialized Technology
Transfer Centres**

E: SPECIALIZED TECHNOLOGY CENTRES

These are Canadian non-private sector centres (real or virtual), which enter joint ventures or collaborative relationships with technology recipients. The technology which is transferred to the recipient need not be technology which has been created by the centre. This category also includes Canadian public sector organizations which offer significant programs or support in the form of seminars and workshops or training in skills relating to the business of technology transfer.

B.C.

BC ADVANCED SYSTEMS INSTITUTE (ASI)

Supports research in advanced systems disciplines (artificial intelligence, robotics, computer science, telecommunications and microelectronics) through collaborative efforts among British Columbia universities and industry for economic benefit to British Columbia.

BC Advanced Systems Institute (ASI)
3700 Gilmore Way, Suite 310
Burnaby, British Columbia V5G 4M1

Tel: (604) 435-0551
Fax: (604) 435-1173

BRITISH COLUMBIA RESEARCH CORPORATION

An independent industrial research company that performs contract research work for clients in industry, business and government in Canada and internationally. Seminars such as Production Management are also offered at the BC Research Management and Productivity Centre. Newsletter available.

British Columbia Research Corporation
3650 Westbrook Mall
Vancouver, British Columbia V6S 2L2

Tel: (604) 224-4331
Fax: (604) 224-00540

DISCOVERY INNOVATION CENTRE

An IRAP technology centre
Discovery Innovation Centre
Discovery Foundation
P.O. Box 24
770 Pacific Blvd. South
Vancouver, British Columbia V6B 5E7

Tel: (604) 684-0647

FORINTEK CANADA CORPORATION

Wood products research and development institute supported by government in Canada.

Head Office and Western Laboratory:

Forintek Canada Corporation
6620 N.W. Marine Drive
Vancouver, British Columbia V6T 1X2

Tel: (604) 224-3221
Fax: (604) 224-3229
Tlx: 04-508552

Eastern Laboratory:

Forintek Canada Corporation
800 Montreal Road
Ottawa, Ontario K1G 3Z5

Tel: (613) 744-0963
Fax: (604) 744-0903
Tlx: 053-3606

RESOURCE INDUSTRIES TECHNOLOGY CENTRE

An IRAP technology centre.
Resource Industries Technology Centre
1558 Quinn Street
Prince George British Columbia V2N 1X3

Tel: (604) 564-2662

Alberta

ALBERTA MICROELECTRONIC CENTRE

The Alberta Microelectronic Centre help companies identify and adapt microelectronic applications to their products and operations by offering consulting and feasibility studies, microelectronic prototype development, technology assessment and ASIC design and fabrication.

Alberta Microelectronic Centre

200 - 1620 29th Street N.W.

Calgary, Alberta T2N 4L7

OR**Alberta Microelectronic Centre**

118 - 11315 87th Avenue

Edmonton, Alberta T6G 2C2

Tel: (403) 289-2043

Fax: (403) 289-2047

Tel: (403) 432-3914

Fax: (403) 432-0626

ALBERTA RESEARCH COUNCIL

Major R&D establishment serving a wide range of firms in many areas of technology. Established in 1921, the Research Council's stated mission is to advance the economy of the Province of Alberta by promoting technology development, performing applied research and providing expert advice, technical information and scientific infrastructure that is responsive to the needs of the private sector and supports the activities of the public sector.

Alberta Research Council

250 Karl Clark Road

P.O. Box 8330, Station "F"

Edmonton, Alberta T6H 5X2

OR**Alberta Research Council**

3rd Floor Digital Building

6815 Eighth Street N.E.

Calgary, Alberta T2E 1H1

Tel: (403) 450-5200

Fax: (403) 461-2651

Tel: (403) 297-2600

Fax: (403) 275-3003

ALBERTA TELECOMMUNICATIONS RESEARCH CENTRE

The Alberta Telecommunications Research Centre links industry, university and government in a joint research venture for applied telecommunications. They use their own facilities and those of industry members and draw upon the research expertise of university faculty, graduate students and industry partners to develop market-driven telecommunications technology.

Alberta Telecommunications Research Centre

200 - 4245 97th Street

Edmonton, Alberta T6E 5Y4

Tel: (403) 461-3830

Fax: (403) 463-3010

CANADIAN ENERGY RESEARCH INSTITUTE (CERI)

An non-profit research organization funded by Canadian and foreign governments and corporations involved in or with the energy industry to undertake studies in energy economics and policy and related subjects. The research program is determined by a board which represents the sponsors. All research reports are published. Energy models developed by the Institute are made available to the sponsors. CERI holds national and international conferences in energy topics.

Canadian Energy Research Institute

3512 - 33 Street N.W.

Calgary, Alberta T2L 2A6

Tel: (403) 282-1231

Fax: (403) 284-4181

Tlx: 03821545

CENTRE FOR FRONTIER ENGINEERING RESEARCH (C-FER)

C-FER conducts research related to the materials, designs and construction of energy resource development facilities operating in severe weather conditions, such as in the Arctic or off-shore. C-FER is funded by industry partners and government and offers industry members the facilities and staff to perform collaborative research in the sponsor's area of interest.

C-FER Building
University of Alberta
Edmonton, Alberta T6G 2H2

Tel: (403) 492-5108
Fax: (403) 433-5634

ELECTRONICS TEST CENTRE (ETC)

The ETC tests and evaluates electronics products including those used in telecommunications, medical electronics, data processing, office automation and process instrumentation. Product design, performance and certification testing is performed to national and international standards. Engineering assistance focuses on design analysis and test methodology. ETC is administered by the Alberta Research Council.

Electronics Test Centre (ETC)
P.O. Box 8330, Postal Station "F"
Edmonton, Alberta T6H 5X2

Tel: (403) 450-5370
Fax: (403) 461-2651

THE LASER INSTITUTE

Institute is a state-of-the-art facility providing a wide range of laser technology services. These include engineering and feasibility studies, process and procedure development, system specification and design, prototype and production runs, training and education, precision measurement using lasers, sensor development, medical applications, and contract research.

The Laser Institute
9924-45 Avenue
Edmonton, Alberta T6E 5J1

Tel: (403) 436-9750
Fax: (403) 437-1240

Sask.

SASKATCHEWAN RESEARCH COUNCIL

Major R&D organization, applying science and technology for Saskatchewan development. Sponsors technical seminars, assists small business and serves a growing clientele in applied research.

Saskatchewan Research Council
15 Innovation Blvd.
Saskatoon, Saskatchewan S7N 2X8

Tel: (306) 933-5400
Fax: (306) 933-7446
Tlx: 074 2484

Manitoba

CANADIAN FOOD PRODUCTS DEVELOPMENT CENTRE

Canadian Food Products Development Centre
810 Phillips Street
P.O. Box 1240
Portage la Prairie, Manitoba R1N 3J9

Tel: (204) 857-7861

MANITOBA RESEARCH COUNCIL (MRC)

The Manitoba Research Council (MRC) is an established industry-oriented science and technology agency of the Province of Manitoba. It plays a leading role in encouraging and facilitating applied research and technological development. Through its operating units and strategic alliances with other organizations, MRC assists industry to acquire and use technology, and to develop innovative products and systems. MRC provides information and advisory, consulting, product development and testing services in food technology from its facilities in Portage la Prairie, Manitoba, and in environmental chemistry, mechanical engineering and electronics engineering from its Winnipeg facilities. MRC also has cooperative initiatives with the University of Manitoba in the fields of biotechnology and advanced industrial materials, and with the National Research Council for the delivery of its Industry Research Assistance Program.

Manitoba Research Council (MRC)
1329 Niakwa Road East
Winnipeg, Manitoba R2J 3T4

Tel: (204) 945-6000

QR

Manitoba Research Council (MRC)
810 Phillips Street
Portage la Prairie, Manitoba R1N 3J9

Tel: (204) 857-7861

THE BIOMASS ENERGY INSTITUTE INC.

The Biomass Energy Institute Inc.
1329 Niakwa Road East
Winnipeg, Manitoba R2J 3T4

Tel: (204) 257-3891

Ontario

CANADA CENTRE FOR MINERAL AND ENERGY TECHNOLOGY (CANMET)

The major technology research arm of the Federal Government Department of Energy, Mines and Resources Canada. Extensive library and computer databases are maintained on worldwide technological developments. Technology transfer seminars and demonstration projects are held. Laboratories are located at Ottawa, Edmonton, Calgary, Elliot Lake, Cape Breton, and at the Sudbury-Blackill Research Laboratory of Laurentian University School of Engineering. Areas of activity include coal, oil, gas, domestic heating, uranium, mining, mineral refining, explosives and metallurgical research.

Canada Centre for Mineral and Energy Technology (CANMET)
Energy, Mines and Resources Canada
Technology Information Division
555 Booth Street
Ottawa, Ontario K1A 0G1

Tel: (613) 995-4194

CANADIAN ADVANCED INDUSTRIAL MATERIALS FORUM (CAIMAF)

Provides information to firms on all aspects of international technical developments, processes and applications of advanced industrial materials.

Canadian Advanced Industrial Materials Forum (CAIMAF)
One Yonge Street, 14th Floor
Toronto, Ontario M5E 1J9

Tel: (416) 363-7261
Fax: (416) 363-3779

CANADIAN GAS RESEARCH INSTITUTE

Performs research related to natural gas distribution and transmission. Includes research and development and general troubleshooting and problem solving.

Canadian Gas Research Institute
55 Scarsdale Road
Don Mills, Ontario M3B 2R3

Tel: (416) 447-6465

CANADIAN INDUSTRIAL INNOVATION CENTRE (CIIC)

CIIC assists innovators and provides specialized support services to technology entrepreneurs and small and medium-sized businesses to promote the commercialization of innovations and the launching of new businesses.

Canadian Industrial Innovation Centre (CIIC)

156 Columbia Street West
Waterloo, Ontario N2L 3L3

Tel: (519) 885-5870

Tlx: 069-55259

Toll-free: 1-800-265-4559

CANADIAN INSTITUTE OF GUIDED GROUND TRANSPORT

Focuses on strategic requirements related to productivity and technology advances, improving management efficiency of R&D and developing programs for the rail industry relating to guided ground transportation in the North American context.

Canadian Institute of Guided Ground Transport

Queen's University
Kingston, Ontario K7L 3N6

Tel: (613) 545-2810

CANADIAN MANUFACTURING ADVANCED TECHNOLOGY EXCHANGE (CAN-MATE)

A national centre operated by the Canadian Manufacturers' Association to provide advice and information to manufacturers relating to advanced technology for production and processing. CAN-MATE also promotes cooperation between industry and appropriate CAD-CAM centres.

Canadian Manufacturing Advanced Technology Exchange (CAN-MATE)

One Yonge Street, 14th Floor
Toronto, Ontario M5E 1J9

Tel: (416) 363-7261

1-800-268-8177

CANADIAN PLASTICS INSTITUTE (CPI)

The Canadian Plastics Institute (CPI) explores the world for advanced plastics technologies and provides technical information on these opportunities to the plastics industry. Its focus is on small- and medium-sized plastics processors. The goal of the Institute is to help the plastics industry become more internationally competitive and responsive to environmental challenges. CPI is a program of the Society of the Plastics Industry of Canada in partnership with Industry, Science and Technology Canada.

Technology is disseminated to industry in the following ways: computer data bases, a technical library, individual company visits, seminars and workshops, presentations to industry groups, participation in the NRC Field Advisory Service (IRAP), newsbriefs, technical information bulletins, monographs, studies, seminar proceedings and other publications.

All the technologies endorsed by the CPI have the following three characteristics: they are ahead of current Canadian methods; they have commercial or near-commercial status; the technology source is willing to license the technologies, sell them, or enter into a joint venture.

Canadian Plastics Institute (CPI)

1262 Don Mills Road, Suite 48
Don Mills, Ontario M3B 2W7

Tel: (416) 441-3222

Fax: (416) 441-1208

CENTRE FOR INDUSTRIAL AND TECHNOLOGICAL COOPERATION (CITEC)

CITEC was formed in Toronto by the Japan External Trade Organization (JETRO) in 1985. It encourages investment of capital for technological and industrial development in Canada and Japan. It fosters industrial cooperation and the exchange of technology between Canada and Japan and encourages joint ventures by Canadian and Japanese companies in the areas of technology and industry. They sponsor seminars, arrange factory tours, provide consulting services funding.

Centre for Industrial and Technological Cooperation (CITEC)

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

Tel: (416) 962-5050

CHALK RIVER NUCLEAR LABORATORIES (CRNL)

CRNL is involved in robotic technology to automate nuclear fuel processes. It is also involved in the development of computer-based systems for control of safety in non-nuclear applications with expertise in computer simulation and design.

Chalk River Nuclear Laboratories (CRNL)
Atomic Energy of Canada Ltd.
Chalk River, Ontario K0J 1J0

Tel: (613) 584-3311

COMMUNICATIONS RESEARCH CENTRE (CRC)

A Communications Canada research program consisting of a number of research laboratories in areas such as communications technology, communications devices and components and broadcast technologies.

Communications Research Centre (CRC)
3701 Carling Avenue
P.O. Box 11490 Station H
Ottawa, Ontario K2H 8S2

Tel: (613) 998-2261

Fax: (613) 990-7983

COMPUTER INTEGRATED MANUFACTURING

A CAD-CAM facility with a computerized machine shop. Designs and develops prototype parts. Provides training facilities for industry.

Computer Integrated Manufacturing
1276 Sandhill Drive
P.O. Box 7317
Ancaster, Ontario L9G 3N6

Tel: (416) 648-5011

DATCO TECHNOLOGY LIMITED

The company provides technical consulting and research and development services in the field of high-temperature inorganic binders and coatings. It is also active in the development and application of advanced ceramics.

Datco Technology Limited
J.O. Bernt and Associates
1220 Corporate Drive
Burlington, Ontario L7L 1J1

Tel: (416) 332-1807

DAVID FLORIDA LABORATORY

Assembly and environmental testing of spacecraft and related equipment.

David Florida Laboratory
Canadian Space Agency
3701 Carling Avenue
P.O. Box 11490, Station "H"
Ottawa, Ontario K2H 8S2

Tel: (613) 998-2383

Fax: (613) 998-2433

DIVISION OF MECHANICAL ENGINEERING (DME)

Maintains nine laboratories dedicated to basic and applied research in mechanical engineering. Companies can use DME laboratories and testing facilities for prototype testing and other activities on a fee-for-service basis. DME also provides technical support to firms that commercialize laboratory innovations.

Division of Mechanical Engineering (DME)
National Research Council Laboratories
Industrial Liaison Office
Building M-2, Montreal Road
Ottawa, Ontario K1A 0R6

Tel: (613) 993-2424

HARD MATERIALS RESEARCH INC.

Specializes in selection and development of abrasion and wear-resistant materials and products for the mining industry. Provides services related to wear problems, development of specialized hard materials, and testing of cemented carbide products.

Hard Materials Research Inc.

Tel: (416) 564-0505

Boart Canada Inc.

980 Pacific Gate, Unit 15

Mississauga, Ontario L5T 1Y1

HYBRIDOMA CENTRE

Consults for industrial and other clients in this bio-tech area.

Hybridoma Centre

Tel: (519) 253-4232

401 Sunset Avenue

Windsor, Ontario N9B 3P4

INSTITUTE FOR CHEMICAL SCIENCE AND TECHNOLOGY

Carries out collaborative pre-competitive research that will contribute to the international competitiveness and growth of the Canadian chemical, petrochemical and petroleum processing industries.

Institute for Chemical Science and Technology

Tel: (519) 336-8211

265 North Front Street, Suite 106H

Sarnia, Ontario N7T 7X1

MANAGEMENT OF TECHNOLOGY AND INNOVATION INSTITUTE (MTI)

Assists firms to acquire new skills required for exploiting new technology. Management education, educational materials, research and consulting services, and access to international practices are offered.

Management of Technology and Innovation Institute (MTI)

Tel: (416) 648-7344

P.O. Box 7070

(416) 525-9140

1276 Sandhill Drive

Ext. 7102

Ancaster, Ontario L9G 3L3

Fax: (416) 648-7311

OCM TECHNOLOGY INC.

An R&D Centre that provides technology transfer to industry, specializing in embedded microprocessor-based systems. Areas of work include: industrial control systems, data acquisition and control, and communications systems.

OCM Technology Inc.

Tel: (613) 723-7499

17 Grenfell Crescent

Fax: (613) 723-7761

Nepean, Ontario K2G 0G3

ONTARIO CENTRE FOR AUTOMOTIVE PARTS TECHNOLOGY

Provides consulting services available to all industries. No longer limited to the auto industry.

Ontario Centre for Automotive Parts Technology

Tel: (416) 688-2600

46 Elderwood Drive

St. Catharines, Ontario L2S 3E7

ONTARIO CENTRE FOR ADVANCED MANUFACTURING

Consulting and training services related to advanced manufacturing technology to industry. The CAD-CAM Centre, Cambridge, as well as the former Robotics Centre, Peterborough, are now part of this Centre. Also manages the Advanced Manufacturing Centre in Windsor.

Ontario Centre for Advanced Manufacturing

Tel: (519) 622-3100

400 Collier MacMillan Drive

Cambridge, Ontario N1R 7H7

ONTARIO CENTRE FOR ADVANCED MANUFACTURING, ROBOTICS CENTRE

745 Monaghan Road
Peterborough, Ontario K9J 5K2

Tel: (705) 876-1611

ONTARIO CENTRE FOR RESOURCE MACHINERY TECHNOLOGY

Provides research assistance and venture capital for any industry involved in the development of innovative resource machinery.

Ontario Centre for Resource Machinery Technology
127 Cedar Street, 4th Floor
Sudbury, Ontario P3E 1B1

Tel: (705) 673-6606

ORTECH INTERNATIONAL (formerly ONTARIO RESEARCH FOUNDATION)

Major R&D not-for-profit organization employing 380 staff. Founded in 1928, serves Canada and North America. Draws 70% of revenue from industry contracts. Serves a wide range of firms in many areas of technology. Numerous technical seminars are sponsored.

ORTECH International
Sheridan Park
2395 Speakman Drive
Mississauga, Ontario L5K 1B3

Tel: (416) 822-4111

Fax: (416) 823-1446

OTTAWA CARLETON RESEARCH INSTITUTE

Non-profit research co-operative involving two universities, a college and regional high technology industry. Major focus is on microelectronics, satellite communications, data communications, computer protocols, real-time microprocessing systems, artificial intelligence, CAD/CAM.

Ottawa Carleton Research Institute
1150 Morrison Drive, Suite 302
Ottawa, Ontario K2H 8S9

Tel: (613) 726-8827

SAMUEL LUNENFELD RESEARCH INSTITUTE

Terry Donaghue
Mount Sinai Hospital
600 University Avenue Room 970
Toronto, Ontario M5G 1X5

Tel: (416) 586-8225

Fax: (416) 586-8588

TECHNICAL INSTITUTE FOR MEDICAL DEVELOPMENT FOR CANADA (TIMEC)

100 Sparks Street Suite 501
Ottawa, Ontario K1P 5B7

Tel: (613) 230-6370

Fax: (613) 235-5889

THE RIVER ROAD ENVIRONMENTAL TECHNOLOGY CENTRE (RRETC)

Primarily concerned with technologies to monitor and control air pollutants and spills of oil and hazardous materials. Develops and demonstrates equipment and processes and provides a highly accessible information base in support of sound environmental management decisions.

**The River Road Environmental Technology
Centre (RRETC)**
3439 River Road 5
Ottawa, Ontario CANADA K1A 0H3

Tel: (613) 998-3671

Fax: (613) 998-0004

TRANSPORTATION TECHNOLOGY PROGRAM

This program encompasses all of NRC's transportation equipment and safety activities. The program relies on facilities and staff of NRC division and institutes. Research activities relate to all modes of transportation, to multimodal system analyses and to generic technologies including computational fluid dynamics and machinery condition monitoring.

Transportation Technology Program
National Research Council Laboratories
Building M-16, Montreal Road
Ottawa, Ontario K1A 0R6

Tel: (613) 993-4175
Tel: (613) 993-9900
Fax: (613) 954-1473

UNDERWRITERS' LABORATORIES OF CANADA

The laboratories test and certify devices, construction material and services to ensure that they meet firm, accident and construction standards.

Underwriters' Laboratories of Canada
Head Office: 7 Crouse Road
Scarborough, Ontario M1R 3A9
Regional Contacts

Tel: (416) 757-3611
Fax: (416) 757-9540

Suite 204
112-28th Street S.E.
Calgary, Alberta T2A 6J9

Suite 202
5311 boul. de Maisonneuve Ouest
Montreal, Quebec H4A 1Z5

Suite 350
409 Granville Street
Vancouver, British Columbia V5C 1W5

WASTEWATER TECHNOLOGY CENTRE

Focuses on the identification, characterization and control of toxic substances in wastewater discharges. Approves designs for marine sanitation devices, and develops programs for treatment plant operators.

Wastewater Technology Centre
Environment Canada (CCIW)
P.O. Box 5050
867 Lakeshore Road
Burlington, Ontario L7R 4A6

Tel: (416) 336-4599
Tlx: (416) 336-4765

WELDING INSTITUTE OF CANADA

An industry supported non-profit Institute based on corporate and individual membership with a structure of local chapters across Canada. Advises, consults, and provides information to firms on all aspects of welding technology. Undertakes sponsored research and development, laboratory investigations and structured training programs. Provides modular courses, publications and library services.

Welding Institute of Canada
Head Office
391 Burnhamthorpe Road East
Oakville, Ontario L6J 6C9

Tel: (416) 845-9881
Fax: (416) 845-9886

OR

Welding Institute of Canada
Quebec Centre
2399 rue de la Province
Longueuil, Quebec J4G 1G3

Tel: (514) 651-5086
Fax: (514) 651-5089

WOMEN INVENTORS PROJECT

An organization to assist women inventors in successfully commercializing their inventions through such means as seminars, workshops and an information newsletter (Women Inventors Project - FOCUS). Stimulating more women to become inventors is also a major aim.

Women Inventors Project

22 King Street South, Suite 500
Waterloo, Ontario N2J 1N8

Tel: (519) 746-3443

Québec

CANADIAN WORKPLACE AUTOMATION RESEARCH CENTRE (CWARC)

The Centre will act as a catalyst for technological developments in the important area of telecommunications. Its objectives are to provide leadership in applied research into computerized office systems and to utilize the related potential for enhanced productivity in the public and private sectors; to synthesize the needs of users and to contribute to problem-solving; to become the focal point of information exchange in the field of workplace automation and to foster cooperation between experts and different client groups. Research areas include the Organizational Research Directorate, the Integrated Systems Directorate, the Advanced Technology Directorate and the External Cooperation Directorate. The Centre also has a list of publications available.

Canadian Workplace Automation Research Centre (CWARC)

1575 Chomedey Blvd
Laval, Quebec H7V 2X2

Tel: (514) 682-3400

CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC (CRIQ)

Major R&D establishment serving a wide range of firms in many areas of technology. Numerous technical seminars are sponsored.

Centre de recherche industrielle du Quebec (CRIQ)

333, rue Franquet
C.P. 9038
Sainte-Foy, Quebec G1V 4C7

Tel: general info:
(418) 659-1550
industry info:
(418) 659-1558

OR

Centre de recherche industrielle du Quebec (CRIQ)

8475, rue Christophe Colomb
B.P. 2000, succ. Youville
Montreal, Quebec H2P 2X1

Tel: general info:
(514) 383-1550
industry info:
(514) 383-3240

Elsewhere in Quebec Tel: 1-800-463-3390

CENTRE FOR INDUSTRIAL INNOVATION/MONTREAL (CIIM)

A non-profit organization which provides assistance for evaluating and improving the commercial potential of innovative new products and processes, and for planning the marketing of such. Services include a low-cost invention evaluation service, assistance in setting up R&D programs, seminars on technological innovation, project management, financial counselling and assistance in locating capital partners, etc., and technology brokerage.

Centre for Industrial Innovation/Montreal (CIIM)

6600, Ch. de la Côte-des-Neiges
Suite 500
Montreal, Quebec H3S 2A9

Tel: (514) 737-9883
Fax: (514) 737-1535
Tlx: 05826852

COMMUNIQUE: INDUSTRIAL MATERIALS RESEARCH INSTITUTE (IMRI)

Over 100 staff involved in basic and applied research in a wide variety of materials related areas, to develop new products and processes, in conjunction with industry, universities and other partners.

Communiqué Industrial Materials Research Institute (IMRI)

National Research Council (NRC)
75 de Montagne
Boucherville, Quebec J4B 6Y4

Tel: (613) 993-4848

CENTRE DE DEVELOPMENT DES INDUSTRIES DE LA MODE (QUEBEC)

555 rue Chabanel ouest
Bureau 800
Montreal, Quebec H2N 2H8

Tel: (514) 384-9760

CENTRE DE PRODUCTION AUTOMATISEE

8475 avenue Christophe-Colomb
Montreal, Quebec H2M 2N9

Tel: (514) 283-0348

CENTRE DE RECHERCHE INDUSTRIELLE DU MEUBLE ET DU BOIS OUVRE

765 rue Notre-Dame est
C.P. 98
Victoriaville, Quebec G6P 6S4

Tel: (819) 758-8129

CENTRE DES TECHNOLOGIES TEXTILES

3000 rue Boulle
Saint-Hyacinthe Quebec J2S 1H9

Tel: (514) 778-1870

CENTRE QUEBECOIS DE PRODUCTIVITE DU MEUBLE ET DU BOIS OUVRE

85 St-Paul ouest
4e etage, suite B5
Montreal, Quebec H2Y 3V4

Tel: (514) 844-2088

CENTRE SPECIALISE DE TECHNOLOGIE PHYSIQUE

140 4e avenue
La Pocathier, Quebec G0R 1Z0

Tel: (416) 856-1525
Ext. 389

GROUPEMENT QUEBECOIS D'ENTREPRISES

99 rue Cormier
Drummondville, Quebec J2C 2M5

Tel: (819) 477-7535

INDUSTRIAL MATERIALS RESEARCH INSTITUTE (IMRI)

Conducts basic and applied research in the development, behavior and durability of metals, polymers ceramics and composites. It has five research programs: Polymer and Composite Materials, Metals and Composites, Coatings and Ceramics, Instrumentation and Sensors, and Computer Integrated Material Processing. Technology transfer is emphasized and most projects are carried out with industrial partners.

Industrial Materials Research Institute (IMRI)

National Research Council Laboratories
75 de Mortagne Boulevard
Boucherville, Quebec J4B 6Y4

Tel: (514) 641-2280

INSTITUT D'ORDINIQUE DE QUEBEC

College Lionel-Groulx
150 rue Duquet
Sainte-Therese, Quebec J7E 5B3

Tel: (514) 437-1102

INSTITUT DE SOUDAGE DU CANADA

2399 rue de la Province
Longueuil, Quebec J4G 1G3

Tel: (514) 651-5086

INTERNATIONAL CENTRE FOR RESEARCH AND TRAINING IN MAJOR PROJECTS MANAGEMENT

Provides firms with information and training on major project management methodology.

International Centre for Research and Training in Major Projects Management

321, rue de la Commune ouest, Bureau 200
Montreal, Quebec H2Y 2E1

Tel: (514) 848-6100

Fax: (514) 848-9992

TEXTILE TECHNOLOGY CENTRE (TTC)

The Textile Technology Centre was created to heighten the productivity of the Canadian textile industry. It provides a full range of high calibre services, and develops activities related to technology transfer.

Textile Technology Centre

C. Martel
3000 Bouille Street
Saint-Hyacinthe Quebec J2S 1H9

Tel: (514) 778-1870

Fax: (514) 773-9971

N.B.

INNOVATION CENTRE NB (ICNB)

Assists New Brunswick entrepreneurs, innovators and inventors to commercialize new technologies. Services include identifying and evaluating inventions and new ideas, assisting potential entrepreneurs to access business planning and marketing expertise and identifying and establishing contact with sources of financing. Also publishes a newsletter entitled Innovative Times, 3 times a year.

Innovation Centre NB (ICNB)

124 Saint John Street
Fredericton, New Brunswick E3B 4A7

Tel: (506) 453-7174

Fax: (506) 453-7956

MANUFACTURING TECHNOLOGY CENTRE NEW BRUNSWICK

An IRAP Technology Centre
P.O. Box 4400
Fredericton, New Brunswick E3B 5A3

Tel: (506) 453-4513

NEW BRUNSWICK RESEARCH AND PRODUCTIVITY COUNCIL

Major R&D establishment serving a wide range of firms in many areas of technology. Numerous technical seminars are sponsored.

New Brunswick Research and Productivity Council

P.O. Box 6000
College Hill Road
Fredericton, New Brunswick E3B 5H1

Tel: (506) 452-8994

Tlx: 014-46115

N.S.

ADVANCED MATERIALS ENGINEERING CENTRE (AMEC)

Provides consulting services, R&D and training with respect to engineering techniques involved in the production and fabrication of advanced materials.

Advanced Materials Engineering Centre (AMEC)

Business Relations

P.O. Box 1618, Station "M"

Halifax, Nova Scotia B3J 2Y3

Tel: (902) 425-4500

Fax: (902) 422-7907

APPLIED MICROELECTRONICS INSTITUTE

An IRAP Technology Centre

1127 Barrington Street

Halifax, Nova Scotia B3H 2P8

Tel: (902) 421-1250

ATLANTIC INSTITUTE OF BIOTECHNOLOGY

An organization that provides project development, project management, commercial intelligence and financial assistance to private sector firms and associations. Projects may be research and development, technology transfer or both.

Atlantic Institute of Biotechnology

6093 South Street

Halifax, Nova Scotia CANADA B3H 1T2

Tel: (902) 421-1072

CANADIAN INSTITUTE OF FISHERIES TECHNOLOGIES

An IRAP Technology Centre

Technical University of Nova Scotia

1360 Barrington Street

P.O. Box 1000

Halifax, Nova Scotia B3J 2X4

Tel: (902) 429-8300

NOVA SCOTIA RESEARCH FOUNDATION CORPORATION

Major R&D establishment serving a wide range of firms in many areas of technology. Numerous technical seminars are sponsored.

Nova Scotia Research Foundation Corporation

101 Research Drive

Woodside Industrial Park

Dartmouth, Nova Scotia B2Y 3Z7

Tel: (902) 424-8670

Fax: (902) 465-7384

Tlx: 019-22719

TECHNOLOGY TRANSFER OFFICE

The Technology Transfer Office facilitates interaction between the Nova Scotia industrial and scientific communities. It can provide small high tech firms from Nova Scotia with marketing and general business advice, and assistance with arranging financing, not only government programs but often thorough private venture capitalists.

Technology Transfer Office

World Trade and Convention Centre

6th Floor, 1800 Argyle Street

P.O. Box 519

Halifax, Nova Scotia B3J 2R7

Tel: (902) 424-7381

Fax: (902) 424-5739

Nfld.

CENTRE FOR COLD OCEANS RESOURCES ENGINEERING (C-CORE)

Centre for Cold Oceans Resources Engineering (C-CORE)

Tel: (709) 737-8354

Memorial University

St. John's, Newfoundland CANADA A1B 3X5

NEWFOUNDLAND AND LABRADOR INSTITUTE OF FISHERIES AND MARINE TECHNOLOGY

Newfoundland and Labrador Institute of Fisheries and Marine Technology

Tel: (709) 778-0200

P.O. Box 4920

St. John's, Newfoundland CANADA A1C 5R3

NEWFOUNDLAND OCEANS RESEARCH AND DEVELOPMENT CORPORATION (NORDCO)

Newfoundland Oceans Research and Development Corporation

Tel: (709) 364-1200

34 Glencoe Drive

P.O. Box 8833

St. John's, Newfoundland CANADA A1B 3T2

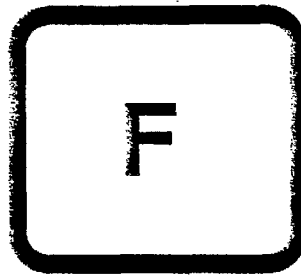
SEABRIGHT CORP. LTD.

Seabright Corp. Ltd.

Tel: (709) 737-4527

P.O. Box 4200

St. John's, Newfoundland CANADA A1C 5S7



Universities as Sources of Technology

- F1. Technology Transfer Offices**
 - F2. Specialized Technology Centres**
 - F3. Publications**
-

F: UNIVERSITIES AS SOURCES OF TECHNOLOGY
F1: Technology Transfer Offices

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

B.C. BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY
British Columbia Institute of Technology
3700 Wellington Avenue
Burnaby, British Columbia V5G 3H2
Tel: (604) 343-5734
Ext. 5746

SIMON FRASER UNIVERSITY
Technology licensing and commercialization contact.
Simon Fraser University
Industry Liaison Office
Room 3150
Burnaby, British Columbia V5A 1S6
Tel: (604) 291-4292
Fax: (604) 291-4054

UNIVERSITY OF BRITISH COLUMBIA
Technology licensing and commercialization contact.
University of British Columbia
Office of Research Services and Industry Liaison
323-2194 Health Sciences Mall
Vancouver, British Columbia V6T 1W5
OR
James W. Murray
The University-Industry Liaison Direct.
The University of British Columbia
I.R.C. Building Room 331
Vancouver, B.C. V6T 1W5
Tel: (604) 224-8595
Fax: (604) 224-8589
Tel: (604) 228-5584

UNIVERSITY OF VICTORIA
Technology licensing and commercialization contact.
University of Victoria
Office of Research Administration
P.O. Box 1700
Victoria, British Columbia V8W 2Y2
Tel: (604) 721-7973

Alberta UNIVERSITY OF ALBERTA
An active technology transfer program with industry is in place. Information on available technologies can be obtained.
Office of Research Services
Technology Transfer Program
1-3 University Hall
University of Alberta
Edmonton, Alberta T6G 2J9
Tel: (403) 492-5360
Fax: (403) 492-2230

UNIVERSITY TECHNOLOGIES INTERNATIONAL INC. (UTI)

UTI Inc. provides technology transfer services including market analysis and evaluation, protection of intellectual property, licensing and advice on venture financing.

University Technologies International Inc.

Earth Sciences 620
2500 University Drive N.W.
Calgary Alberta T2N 1N4

Tel: (403) 220-3790

Fax: (403) 292-6139

Sask.

UNIVERSITY OF SASKATCHEWAN

Technology licensing and commercialization contact.

University of Saskatchewan

Office of Research
Murray Building Room 50
Saskatoon, Saskatchewan S7N 0W0

Tel: (306) 966-8576

Manitoba

UNIVERSITY OF MANITOBA: HEALTH TECHNOLOGY TRANSFER OFFICE

Established in 1987, the Office is responsible for health industry liaison, including: grant research, contract research, innovation licensing, and health research consulting. Information on available expertise and commercial innovations can be obtained.

University of Manitoba

Health Technology Transfer Office
Faculty of Medicine
Room A108 Chown Building
753 McDermott Avenue
Winnipeg, Manitoba R3E 0W3

Tel: (204) 788-6377

Fax: (204) 788-6489

UNIVERSITY OF MANITOBA: RESEARCH ADMINISTRATION

Research administration and industrial liaison information on grant-based research and contract research as well as technology licensing.

University of Manitoba

Research Administration
Winnipeg, Manitoba R3T 2N2

Tel: (204) 474-9466

Fax: (204) 261-0325

Ontario

CARLETON UNIVERSITY

Technology licensing and commercialization contact.

Carleton University

Faculty of Graduate Studies and Research
Dunton Tower, Room 1524
Ottawa, Ontario K1S 5B6

Tel: (613) 788-2517

Fax: (613) 788-2521

LAKEHEAD UNIVERSITY

Technology licensing and commercialization contact.

Centre For Regional Development

Lakehead University

955 Oliver Road
Thunder Bay, Ontario P7B 5E1

Tel: (807) 343-8110

LAURENTIAN UNIVERSITY

Technology licensing and commercialization contact.

Laurentian University
School of Graduate Studies and Research
Ramsey Lake Road
Sudbury, Ontario P3E 2C6

Tel: (705) 675-1151
Ext. 3204
Fax: (705) 673-6519

MCMASTER UNIVERSITY

Technology licensing and commercialization contact.

McMaster University
Research Services
1280 Main Street West
Hamilton, Ontario L8S 4L8

Tel: (416) 525-9140
Ext. 4740

QUEEN'S UNIVERSITY

Technology licensing and intellectual property managed by PARTEQ Innovations. Research contacts by PARTEQ and/or Office of Research Services, Queen's University.

Queen's University
Kingston, Ontario K7L 3N6

Tel: (613) 545-2342
Fax: (613) 545-6300

RYERSON POLYTECHNICAL INSTITUTE

Technology licensing and commercialization contact.

Ryerson Polytechnical Institute
Office of Research and Innovation
350 Victoria Street
Toronto, Ontario M5B 2K3

Tel: (416) 979-5042
Fax: (416) 979-5336

UNIVERSITY OF OTTAWA

Technology licensing and commercialization contact.

University of Ottawa
Research Services
115 Wilbrod Street
Ottawa, Ontario

Tel: (613) 564-5804

UNIVERSITY OF OTTAWA: RESEARCH SERVICES

The Office of Research Services handles technology transfer and licensing of university intellectual property to the private sector. It also provides information on areas of research expertise within the University and will arrange contacts between faculty members and companies interested in collaborative research.

University of Ottawa
Office of Research Services
115 Séraphin Marion
Ottawa, Ontario K1N 6N5

Tel: (613) 564-3282
Fax: (613) 564-5952

UNIVERSITY OF TORONTO

Technology licensing and commercialization contact.

University of Toronto
Office of Research Administration
27 King's College Circle
University of Toronto
Toronto, Ontario M5S 1A1

Tel: (416) 978-5588

UNIVERSITY OF WESTERN ONTARIO
Technology licensing and commercialization contact.
University of Western Ontario
London, Ontario N6A 3K7

Québec

ÉCOLE POLYTECHNIQUE DE MONTRÉAL
Technology licensing and commercialization contact.
Centre du développement technologique.
École Polytechnique de Montréal
P.O. Box 6079, Station "A"
Montreal, Quebec H3C 3A7

Tel: (514) 340-4720

MCGILL UNIVERSITY
Technology licensing and commercialization contact.
McGill University
Office of Industrial Research
3550 University Street
Montreal, Quebec H3A 2A7

Tel: (514) 398-4201

UNIVERSITÉ DE MONTRÉAL
Technology licensing and commercialization contact.
Université de Montréal
Bureau de liaison
Entreprise-Université
P.O. Box 6128, Station "A"
Montreal, Quebec H3C 3J7

Tel: (514) 343-6111

UNIVERSITÉ DU QUÉBEC À CHICOUTIMI
Technology licensing and commercialization contact.
Université du Québec à Chicoutimi
555 boul. de l'université
Chicoutimi, Quebec G7H 2B1

Tel: (418) 545-5011

UNIVERSITÉ DU QUÉBEC A RIMOUSKI
Technology licensing and commercialization contact.
Université du Québec a Rimouski
300 avenue de Ursulines
Rimouski, Quebec G5L 3A1

Tel: (418) 723-1986

UNIVERSITÉ DU QUÉBEC EN ABITIBI-TEMISCAMINGUE
Technology licensing and commercialization contact.
Université du Québec en Abitibi-Temiscamingue
42 rue Monseigneur Rheaume est
C.P. 700
Rouyn, Quebec J9X 5E4

Tel: (819) 797-9290
Fax: (819) 825-6776
(Val d'Or)

N.B. CENTRE DE RECHERCHE POUR LES ALIMENTS
Pavillian Jacqueline-Bouchard
Université de Moncton
Moncton, New Brunswick E1A 3E9
Tel: (506) 858-4284

N.S. ACADIA UNIVERSITY
Technology licensing and commercialization contact. Faculty of Graduate Studies and Research.
Acadia University
Wolfville, Nova Scotia B0P 1X0
Tel: (902) 542-2201
Fax: (902) 542-7224

DALHOUSIE UNIVERSITY

The Office of Technology Transfer was established in 1988 to facilitate technology transfer and diffusion from the University's faculties, institutes and centres to the private sector. The main areas of research and development are pure and applied biology, chemistry, geology, physics, engineering and mathematics; medicine, biomedicine and pharmaceuticals; dentistry; marine science and equipment development; development and application of computer based technology; technology management, transfer, and impact assessment; resource and environmental management. Companies are invited to submit listings defining their interests, in order to be advised as appropriate technologies emerge. For technology licensing and commercialization contact:

Office of Technology Transfer
Dalhousie University
South Street
Halifax, Nova Scotia B3H 4H6

Tel: (902) 494-1648
Fax: (902) 494-1658 6093
Tlx: 019-21863
DALUNIV HFX

MOUNT SAINT VINCENT UNIVERSITY

Technology licensing and commercialization contact.
Mount Saint Vincent University
166 Bedford Highway
Halifax, Nova Scotia B3M 2J6

Tel: (902) 443-4450

Nfld MEMORIAL UNIVERSITY OF NEWFOUNDLAND
Technology licensing and commercialization contact.
Memorial University of Newfoundland
Office of Research
Business Administration Building
Room B1014
St. John's, Newfoundland A1B 3X5

Tel: (709) 737-8252

F: UNIVERSITIES AS SOURCES OF TECHNOLOGY
F2: Specialized Technology Transfer Centres

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

- Alberta** **THE TECHNOLOGY DEVELOPMENT GROUP**
Institute specializes in finalizing the last step which transforms technology into a marketable product. They assist in prototype and process design, development and testing, calibration and testing facilities, market analysis etc.
The Technology Development Group Tel: (403)-284-8791
Southern Alberta Institute of Technology
1301-16 Avenue N.W.
Calgary, Alberta T2M 1L4
- Manitoba** **UNIVERSITY OF MANITOBA INSTITUTE FOR TECHNOLOGICAL DEVELOPMENT**
The Institute was established in 1986 to facilitate the process of technology transfer and diffusion from the Faculty of Engineering and other units of the University of Manitoba to the private sector.
University of Manitoba Tel: (204) 474-6200
Institute for Technological Development (204) 474-8929
Engineering Building Room 227 Fax: (204) 261-3475
Winnipeg, Manitoba R3T 2N2
- Ontario** **CENTENNIAL COLLEGE CENTRE OF ENTREPRENEURSHIP**
Intended to create an environment which is conducive to entrepreneurial activity. Centre provides support facilities, seminars and conferences, and a small business consulting centre will serve the Scarborough-East York area.
Centennial College Centre of Entrepreneurship Tel: (416) 439-7180
Centennial College
41 Progress Court, Room C2-19
Scarborough, Ontario M1K 5E9
- CENTRE FOR ADVANCED TECHNOLOGY EDUCATION (CATE)**
Centre offers seminar/workshops (1 to 5 days) in computer systems, light systems (lasers, fibre optics, etc.), most software packages, customized seminars, project management, and research projects.
Centre for Advanced Technology Education (CATE) Tel: (416) 979-5106
Ryerson Polytechnical Institute Fax: (416) 979-5047
350 Victoria Street
Toronto, Ontario M5B 2K3
- CENTRE FOR MANUFACTURING STUDIES**
Provides technical education and skills development ranging from entrepreneurship level to highly specialized courses for working managers and industry executives focusing on integrated manufacturing. Has robotic equipment from former Robotic Centre.
Centre for Manufacturing Studies Tel: (705) 876-1611
Sir Sandford Fleming College
743 Monaghan Road
Peterborough, Ontario K9J 5K2

CENTRE FOR RESOURCE STUDIES

Provides information and analysis on mineral resource policy issues, carries out research relative to alternatives in the development and use of mineral resources and promotes exchange of information on different segments of Canadian industry.

Centre for Resource Studies
Queen's University
Kingston, Ontario K7L 3N6

Tel: (613) 545-2553

CENTRE IN MINING & MINERAL EXPLORATION RESEARCH (CIMMER)

Provides research related to the minerals industries including new exploration, production and processing methods, worker health and safety, and the environment.

Centre in Mining and Mineral Exploration Research (CIMMER)
Laurentian University
Ramsey Lake Road
Subdury, Ontario P3E 2C6

Tel: (705) 673-6572
Fax: (705) 675-1024

COMPUTER AIDED PROCESS ENGINEERING LABORATORY (CAPE LAB)

This program brings the university, industry and government together to develop the next generation of design methods using computers. Industry can gain access to research through affiliate memberships and the visiting professionals program. CAPE Lab also undertakes confidential contract research for industry. Expertise of Cape Lab Faculty lie in these areas: process synthesis, process simulation, process control and expert systems.

**Computer Aided Process Engineering
Laboratory (CAPE Lab)**
CAPE Laboratory
c/o University of Waterloo
Department of Chemical Engineering
Waterloo, Ontario N2L 3G1

Tel: (519) 885-1211
Ext. 2913
Tlx: 069-552529

COMPUTER SYSTEMS GROUP

Support group for computer applications and software development.

Computer Systems Group
University of Waterloo
200 University Avenue West
Waterloo, Ontario N2L 3G1

Tel: (519) 888-4004

COMPUTER SYSTEMS RESEARCH INSTITUTE

Focuses on research and development in the design, implementation and operating characteristics of complex computing systems and promotes the use of such to business, governments and universities.

Computer Systems Research Institute
10 King's College Road
Sanford Fleming Building
University of Toronto
Toronto, Ontario M5S 1A4

Tel: (416) 978-5034
Fax: (416) 978-4765

DURHAM COLLEGE PRODUCTIVITY IMPROVEMENT CENTRE

The Centre is designed to offer public seminars and in-house customized training. Areas of expertise include statistical process control, designed experiments, production/inventory control, Autocad, and small business consulting.

Durham College Productivity Improvement Centre
Durham College
P.O. Box 385
2000 Simcoe Street North
Oshawa, Ontario L1H 7L7

Tel: (416) 576-0210

EASTERN ONTARIO CENTRE OF ENTREPRENEURSHIP

Intended to help create an environment which is conducive to entrepreneurial activity in Eastern Ontario. Affiliated with St. Lawrence College, Queen's University and Loyalist College, the Centre provides current information, expertise, support services and seminars for new entrepreneurs, college and university students and teachers of entrepreneurship in the region.

Eastern Ontario Centre of Entrepreneurship
275 Ontario Street, Suite 100
Kingston, Ontario K7K 2X5

Tel: (613) 546-2777
Fax: (613) 546-2882

ENTERPRISE YORK

Intended to create an environment which is conducive to entrepreneurial activity. Programs and a private sector incubation centre are available to start-up firms and to growth firms beyond the start-up phase.

Enterprise York
York University
4700 Keele Street, Room 230C
Administrative Studies
Downsview, Ontario M3J 1P3

Tel: (416) 736-5082

GEORGE BROWN INNOVATION CENTRE

Focusing on the transfer and commercialization of cogeneration and solar energy.

George Brown Innovation Centre
146 Kendal Avenue
Toronto, Ontario M5R 1Z1

Tel: (416) 920-7731

HUMBER COLLEGE BUSINESS AND INDUSTRY SERVICE CENTRE

Provides hands-on customized training and seminars in a wide range of technology including computer integrated manufacturing and computer engineering. Specializes in cross training and re-skilling employees as industrial clients integrate new technology into their manufacturing process. Fully operational FMS training facility on site.

Humber College Business and Industry Service Centre
205 Humber College Blvd
Etobicoke, Ontario M9W 5S7

Tel: (416) 674-BISC
Fax: (416) 675-6681

INDUSTRIAL RESEARCH INSTITUTE

Contracts with companies, local industry and governments for testing and research related to air quality and environmental studies.

Industrial Research Institute
University of Windsor
Windsor Hall Tower
Room 418
Windsor, Ontario N9B 3P4

Tel: (519) 973-7032

INNOVATION NORTH (THUNDER BAY)

Provides bilingual evaluation and advisory services on marketing approaches and business plan development focusing on forestry and pulp and paper. (See also Northern Technology Transfer, sponsored by Laurentian University).

Innovation North (Thunder Bay)
Lakehead University
c/o Lakehead University
Lutheran House
Thunder Bay, Ontario P7B 5E1

Tel: (807) 343-8110

INNOVATION YORK

Focusing on the encouragement of links between York's research strengths and industrial development in the private sector. There is University lab space for rent to pursue R&D activities.

Innovation York
York University
Farquharson Building, Room 117
4700 Keele Street
Downsview, Ontario M3J 1P3

Tel: (416) 736-5026

INSTITUTE FOR ENVIRONMENTAL STUDIES

Focuses on the use of Inductively Coupled Plasma Emissions (ICP). Institute has developed a process which provides an accurate analytical capability for determination of up to 25 elements simultaneously.

Institute for Environmental Studies
University of Toronto
Toronto, Ontario M5S 1A4

Tel: (416) 978-6526

INSTITUTE FOR AEROSPACE STUDIES

Engages in consulting and contract work in most fields of aerospace.

Institute for Aerospace Studies
University of Toronto
4925 Dufferin Street
Downsview, Ontario M3H 5T6

Tel: (416) 667-7712

INSTITUTE FOR COMPUTER RESEARCH

Promotes and facilitates collaboration between industry and computer researchers at Waterloo University and participates in University-industry research projects.

Institute for Computer Research
University of Waterloo
200 University Avenue West
Waterloo, Ontario N2L 3G1

Tel: (519) 888-4530

ISOTRACE LABORATORY

Analytical services relating to the micro-analysis of isotopes and rare atoms in environmental, geological, industrial and medical samples.

Isotrace Laboratory
60 St. George Street
University of Toronto
Toronto, Ontario M5S 1A7

Tel: (416) 978-2258

LAKEHEAD UNIVERSITY-CONFEDERATION COLLEGE CENTRE OF ENTREPRENEURSHIP

Lakehead University-Confederation College Centre of Entrepreneurship

Lakehead University, Confederation College

Tel: (807) 475-6363

P.O. Box 398

Thunder Bay, Ontario P7C 4W1

MANUFACTURING RESEARCH CORPORATION OF ONTARIO

A Centre of Excellence designed to stimulate world-class research and encourage transfer and diffusion of technology. Activities focus on pre-competitive manufacturing technology operations emphasizing computer integrated manufacturing.

Manufacturing Research Corporation of Ontario

Tel: (416) 978-7198

University of Toronto

5 King's College Road

Toronto, Ontario M5S 1A4

MCMASTER INSTITUTE FOR POLYMER PRODUCTION TECHNOLOGY

Cooperates with private sector polymer producers to improve existing production processes. Also issues many technical reports available to member companies. Membership fee is \$15,000 per year. Computer models are free of charge to member companies or can be purchased separately by non-member companies.

McMaster Institute for Polymer Production Technology

Tel: (416) 523-1643

McMaster University

Building JHE, Room 136

1280 Main Street West

Hamilton, Ontario L8S 4L7

NATIONAL CENTRE FOR MANAGEMENT RESEARCH & DEVELOPMENT

Involved in research into best practice approaches to management and to effectively disseminating these ideas to potential and practising managers. Activity areas include: Entrepreneurship, Productivity and International Business.

National Centre for Management Research and Development

Tel: (519) 661-3275

University of Western Ontario

London, Ontario N6A 3K7

NORTH BAY CENTRE OF ENTREPRENEURSHIP

Intended to create an environment which is conducive to entrepreneurial activity. The Centre will collect and publish a listing of entrepreneurial curricula support materials, make entrepreneurship courses available, assist high schools with entrepreneurial programs, and provide business and technical information assistance.

North Bay Centre of Entrepreneurship

Tel: (705) 474-7600

Canadore and Nipissing Colleges

Fax: (705) 474-2384

P.O. Box 5001

North Bay, Ontario P1B 8K9

NORTHERN TECHNOLOGY TRANSFER (formerly INNOVATION NORTH (SUDBURY))

Provides research assistance, with emphasis on the minerals industries including feasibility analysis, market studies and matching funds proposals. Negotiates and manages research contracts with industry for the Centre in Mining and Mineral Exploration Research and the Faculty of Science and Engineering at Laurentian University.

Northern Technology Transfer
Laurentian University
Ramsey Lake Road
Sudbury, Ontario P3E 2C6

Tel: (705) 673-6572
Fax: (705) 675-1024

ONTARIO LASER AND LIGHTWAVE CENTRE

A Centre of Excellence designed to stimulate advanced research and encourage the transfer and diffusion of technology in the laser and lightwave field. A unique feature is the Central Facility which is a state-of-the-art facility providing a wide range of laser and lightwave technology services. These include engineering, feasibility studies, process and quality control procedure development, precision measurements using lasers, training and education, consulting and contract research.

Ontario Laser and Lightwave Centre
University of Toronto
Department of Physics
60 St. George Street
Toronto, Ontario M5S 1A7

Tel: (416) 978-2948
Fax: (416) 978-3939

OTTAWA CARLETON RESEARCH INSTITUTE

Non-profit research co-operative involving two universities, a college and regional high technology industry. Major focus is on microelectronics, satellite communications, data communications, computer protocols, real-time microprocessing systems, artificial intelligence, CAD/CAM.

Ottawa Carleton Research Institute
1150 Morrison Drive, Suite 302
Ottawa, Ontario K2H 8S9

Tel: (613) 726-8827

PARTEQ INNOVATIONS

Manages technology transfer between the academic and research community and the industrial and business sector. Patents, licensing and research contacts all included.

PARTEQ Innovations
Queen's University
Kingston, Ontario K7L 3N6

Tel: (613) 545-2342
Fax: (613) 545-6300

PIEZOELECTRICITY RESEARCH LABORATORY

Piezoelectricity Research Laboratory
North 531 Ross Building
York University
4700 Keele Street
Downsview, Ontario M3J 1P3

RYERSON INNOVATION CENTRE

Offers to the public, prototype development, contracts, research, patent searches and business plan preparation through a small business consulting service. It is an affiliate organization of the Canadian Innovation Centre in Waterloo.

Ryerson Innovation Centre
Ryerson Polytechnical Institute
350 Victoria Street
Toronto, Ontario M5B 2K3

Tel: (416) 979-5071

SENECA COLLEGE OF APPLIED ARTS AND TECHNOLOGY

Assists technology transfer through educational services in technology, health sciences, business and applied arts. Strong international program activity, training Canadians and foreign nationals in trade, management and technical matters. Information services available include technology review, business opportunity assessment, start-up planning and cultural and language advice. The College will arrange focused tours and study sessions in Canada and abroad. The College is affiliated with the Ontario Construction Innovation Centre.

Seneca College of Applied Arts and Technology
Senior Dean, International Programs
1750 Finch Avenue East
Toronto, Ontario M2J 2X5

Tel: (416) 491-5050
Fax: (416) 491-3081

THE RESEARCH CENTRE FOR MANAGEMENT OF NEW TECHNOLOGY (REMAT)

Assists small to medium sized manufacturing companies in effectively adopting and implementing new technologies. Committed to assisting industry in coping with change through a focus on strategic planning, and technological justification and training.

The Research Centre for Management of New Technologies (REMAT)
Wilfrid Laurier University
Waterloo, Ontario N2L 3C5

Tel: (514) 884-1970
Ext: 2662
Fax: (514) 884-8853

UNIVERSITY OF GUELPH INNOVATION CENTRE

A Centre for enhancing the innovation process within the community. Provides advice, counselling, technical and research support services. Also markets university technology and innovation developments. A listing of available technologies entitled Innovations can be obtained.

University of Guelph Innovation Centre
University of Guelph
Guelph, Ontario N1G 2W1

Tel: (519) 824-4120
Ext. 2776
Fax: (519) 824-5236
Tlx: UOFG INAT GLPH
069-56645

UNIVERSITY OF OTTAWA INNOVATION CENTRE

A Centre for enhancing the innovation process within the community. The Centre provides counselling, especially to inventors outside the university and helps to commercialize their inventions.

University of Ottawa Innovation Centre
University of Ottawa
Vanier Hall
136 Jean-Jacques Lussier
Ottawa, Ontario K1N 6N5

Tel: (613) 564-5463

UNIVERSITY OF OTTAWA HEART INSTITUTE

The Institute was established to provide patient care and undertake clinical and basic research in the field of heart disease. Areas of expertise include cardiac drugs, surgical techniques, cardiac devices including artificial hearts, biomaterials and biotechnology of cardiac systems.

University of Ottawa Heart Institute
Director of Industrial Relations
Ottawa Civic Hospital
1053 Carling Avenue
Ottawa, Ontario K1Y 4E9

Tel: (613) 761-4721
Fax: (613) 729-3937

UNIVERSITY OF WESTERN ONTARIO QUALITY CENTRE

Focuses on statistically-based quality control methods.

University of Western Ontario Quality Centre

Tel: (519) 661-3622

University of Western Ontario
Engineering and Math Sciences Building
London, Ontario N6A 5B9

UNIVERSITY OF TORONTO INNOVATION FOUNDATION

Focuses on patenting and licensing inventions from the University, and licensing software authored in the University.

University of Toronto Innovation Foundation

Tel: (416) 978-5117

University of Toronto
203 College Street, Suite 205
Toronto, Ontario M5T 1P9

UNIVERSITY OF WATERLOO

Edward B. Cross

Tel: (519) 885-1211

Executive Director

Fax: (519) 888-6179

Waterloo Centre for Process Development

University of Waterloo

200 University Avenue

Waterloo, Ontario N2L 3G1

UNIVERSITY OF WATERLOO CENTRE FOR INTEGRATED MANUFACTURING (WatCIM)

Mission is to advance state-of-the-art technologies through research and contractual endeavours with industry. Areas of expertise include: automated assembly and robotics, computer control of production processes, computer vision, discrete and continuous systems, machine intelligence and knowledge engineering, management systems etc.

**University of Waterloo Centre for
Integrated Manufacturing (WatCIM)**

Tel: (519) 888-4599

Fax: (519) 888-6197

Director, WatCIM

University of Waterloo

2724 Davis Centre

Waterloo, Ontario N2L 3G1

WATERLOO CENTRE FOR PROCESS DEVELOPMENT (WCPD)

A private non-profit corporation associated with the University of Waterloo offering a range of services to the private sector, from preliminary assessments of inventions to assistance in formation of new businesses based on innovative technology.

Waterloo Centre for Process Development (WCPD)

Tel: (519) 888-4058

University of Waterloo

Waterloo, Ontario N2L 3G1

UNIVERSITY OF WATERLOO: WATERLOO OFFICE OF TECHNOLOGY LICENSING (WOTL)
The University of Waterloo, established in 1979 the Waterloo Centre for Process Development (WCPD) to facilitate the transfer and licensing of process engineering technology to the private sector.

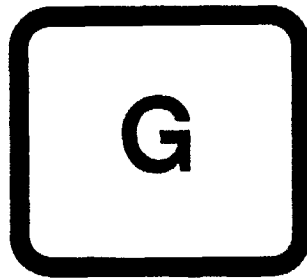
A Commercial Development Office was created in 1985 to help identify commercially significant research based technologies across the University and to assist in patenting, licensing and developing these technologies. A feature of CDO activities has been commercial development via the formation of spin-off companies.

In 1989-90 WCPD and CDO were amalgamated to form an enlarged technology transfer unit. Waterloo Office of Technology Licensing - a branch of the Office of Research at the University.

A complete listing of software and technology licensed by the University via WCPD and CDO can be obtained.

University of Waterloo
Waterloo Office of Technology Licensing (WOTL)
Office of Research
Needles Hall
Waterloo, Ontario N2L 3G1

Tel: (519) 885-1211
Ext. 4515 (CDO)/
Ext. 3913 (WCPD)
Fax: (519) 746-7151



Centres of Excellence

G1. Federal Networks of Centres of Excellence

G2. Ontario Centres of Excellence

G: CENTRES OF EXCELLENCE
G1: Federal Networks of Centres of Excellence

Centres of Excellence can be valuable information sources for leading edge technologies. The Federal and Ontario Network bring together Canada's top researchers in industry, universities and government to focus on fundamental and long term applied research in selected areas as noted below.

B.C. BACTERIAL DISEASES: MOLECULAR STRATEGIES FOR THE STUDY AND CONTROL OF BACTERIAL PATHOGENS OF HUMANS, ANIMALS, FISH AND PLANTS

The network focuses on bacterial attack and host response in different biological systems. The causative agents of human diseases as well as those affecting the agricultural and aquaculture industries will be studied. Participants include Chembiomed, Edmonton; Connaught Labs, Toronto; International Broodstock Technologies, Vancouver; Microteck R&D Ltd., British Columbia; National Research Council; the Universities of Alberta, British Columbia, Calgary, Guelph, Victoria, Laval and VIDO Saskatoon.

Bacterial Diseases: Molecular Strategies for the Study and Control of Bacterial Pathogens of Humans, Animals, Fish and Plants

Tel: (604) 228-3489

Dr. Robert Hancock
Department of Microbiology
University of British Columbia
Vancouver, British Columbia V6T 1W5

CENTRE OF EXCELLENCE FOR MOLECULAR AND INTERFACIAL DYNAMICS

The network will focus on reaction dynamics, which is a key to understanding such important processes as ozone depletion and atmospheric pollution. It will also look at the properties of surfaces and promises to be of great industrial relevance for the fabrication of new materials. Participants include the National Research Council and the Universities of British Columbia, Guelph, Montreal, New Brunswick, Ottawa, Saskatchewan, Sherbrooke, Toronto, Waterloo, Western Ontario, as well as Carleton, Dalhousie, Laval, McMaster and Queen's.

Centre of Excellence for Molecular and Interfacial Dynamics

Tel: (604) 721-7150

Dr. Terry Gough
Department of Chemistry
P.O. Box 3055
University of Victoria
Victoria, British Columbia V8W 3P6

GENETIC BASIS OF HUMAN DISEASE: INNOVATIONS FOR HEALTH CARE

The network will study the genes that directly cause or predispose humans to disease. The goal is to determine the biological function of each of the relevant genes and to discover how mutation in each causes disease. This research could lead to major commercial opportunities for Canada in the areas of DNA diagnostics and therapeutics. Participants include the Biomedical Research Centre, Vancouver; the Clinical Research Institute, Montreal; the Universities of British Columbia, Calgary, Manitoba, Montreal, Ottawa, Quebec, Toronto, and Laval, McGill and Queen's.

Genetic Basis of Human Disease: Innovations for Health Care

Tel: (604) 228-7738

Dr. Michael Hayden
Department of Medical Genetics
University of British Columbia
Vancouver, British Columbia V6T 2B5

INSTITUTE FOR TELECOMMUNICATIONS RESEARCH

The network will focus on broad band and wireless communications, two rapidly growing areas that present the most important emerging markets for telecommunications over the next decade. Participants include Alberta Telecommunications Research Centre, INRS Telecommunications, the Universities of British Columbia, Montreal, Ottawa, Toronto, Victoria, Waterloo as well as Carleton, Concordia, Laval, McGill, McMaster and Queen's.

Institute for Telecommunications Research

Tel: (514) 398-7116

Dr. Maier Blostein
Department of Electrical Engineering
McGill University
Montreal, Quebec H3A 2A7

NEURAL REGENERATION AND FUNCTIONAL RECOVERY

The object of the research is to promote nervous system regeneration and recovery of functions lost as a result of trauma or disease. A major reason for the permanent disabilities caused by brain and spinal cord injuries or by neurological disorders such as Alzheimer's and Huntington's disease is that damaged cells are not replaced nor do they restore connections with their natural targets. Major advances have been made recently in promoting the regrowth of the nervous system after injury. The field is expected to undergo further advances with the application of new techniques in molecular biology and genetic engineering. Participants include the Ludwig Institute, Montreal; the National Research Council, the Universities of Alberta, British Columbia, Calgary, Lethbridge, Manitoba, Montreal, Ottawa, Saskatchewan, Toronto as well as Carleton, Conocordia, Dalhousie, Laval, McGill and Queen's.

Neural Regeneration and Functional Recovery

Tel: (514) 934-8060

Dr. Albert Aguayo
Department of Neurology
McGill University
Montreal, Quebec H3G 1A6

OR

Mr. Yves Lamarre
Department of Physiology
University of Montreal
Montreal, Quebec H3C 3J7

Tel: (514) 343-6366

OCEAN PRODUCTION ENHANCEMENT NETWORK (OPEN)

This is a network of university, industry and government scientists created to contribute to the economic health of Canada's fisheries. The initial focus of the program will be on two species of great commercial value - the sea scallop and the Atlantic cod. The scientists will investigate the processes which control the survival, growth, reproduction and distribution of fish and shellfish. The Network has the support of three of Canada's largest seafood companies, National Sea Products Ltd., Clearwater Fine Foods and Fishery Products International. Participants include Fisheries and Oceans Canada, the University of British Columbia, Dalhousie, Laval, McGill, and Memorial.

Ocean Production Enhancement Network (OPEN)

Tel: (514) 398-4211

Dr. William Leggett
Department of Biology
McGill University
Montreal, Quebec H3A 1B1

INSTITUTE FOR INFORMATION TECHNOLOGY

The Institute's program will include work in software engineering, knowledge-based systems, sensor-based automation, and systems integration. These fields account for many of the advances in manufacturing and processing techniques that define the productivity of major Canadian industries. The Institute will work with new research consortia and other partnership arrangements with clients in industry.

National Research Council
Mr. Alex Mayman

INSTITUTE FOR MARINE DYNAMICS

National Research Council
Kerwin Place and Arctic Avenue
Memorial University
St. John's, Newfoundland A1B 3T5

Tel: (709) 772-2479

INSTITUTE FOR MICROSTRUCTURAL SCIENCES

The Institute will be a leader in the development of new materials and devices for applications in strategic information technologies. It will collaborate with Canadian industry and provide a critical mass in R&D through directed research projects, joint development of key advanced technologies, and consultation in product development. The program will encompass artificially structured materials, devices and processes, device integration, circuit architecture, advanced networks, and exploratory applications.

National Research Council
Dr. Peter Dawson

INSTITUTE FOR NATIONAL MEASUREMENT STANDARDS

This Institute draws together all activities related to metrology to provide a basis for the National Measurement System of Canada.

National Research Council
Dr. Jacques Vanier

INSTITUTE FOR RESEARCH IN CONSTRUCTION

National Research Council
Montreal Road Building M20
Ottawa, Ontario K1A 0R6

Tel: (613) 993-2607

PLANT BIOTECHNOLOGY INSTITUTE

National Research Council
110 Gymnasium Road
Saskatoon, Saskatchewan S7N 0W9

Tel: (306) 975-5248

STEACIE INSTITUTE FOR MOLECULAR SCIENCES

Institute is devoted to basic research of very high quality in the area of molecular science. Research programs will attract visiting researchers and graduate students from Universities as well as Canadian and foreign research organizations and will contribute scientific knowledge to support and reinforce other programs at NRC.

National Research Council
Dr. Marek Laubitz

G: CENTRES OF EXCELLENCE
G1: Ontario Centres of Excellence

Centres of Excellence can be valuable information sources for leading edge technologies. The Federal and Ontario Network bring together Canada's top researchers in industry, universities and government to focus on fundamental and long term applied research in selected areas as noted below.

Ontario

BIOTECHNOLOGY FOR INSECT PEST MANAGEMENT

The network is concerned with developing environmentally acceptable methods of pest control. Participants include Agriculture Canada, Forestry Canada, the National Research Council, the Universities of British Columbia, Calgary, New Brunswick, Ottawa, Toronto, Waterloo, Western Ontario, as well as Laval, Queen's and York.

Biotechnology for Insect Pest Management

Tel: (613) 545-6120

Dr. Gerard Wyatt
Department of Biology
Queen's University
Kingston, Ontario K7L 3N6

INFORMATION TECHNOLOGY RESEARCH CENTRE (ITRC)

A Centre of Excellence designed to stimulate world-class research and encourage the transfer and diffusion of technology. Research focuses on artificial intelligence, cognitive science and intelligent control; computer networks and communications; mathematics of computation, microelectronics and software systems and graphics.

Information Technology Research Centre

Tel: (519) 888-4540

Davis Centre Room 1338
200 University Avenue West
University of Waterloo
Waterloo, Ontario N2L 3G1

INSTITUTE OF GROUNDWATER RESEARCH

A Centre of Excellence designed to stimulate world-class research and encourage the transfer and diffusion of technology. Research relates to waste disposal and hazardous substances management, and the development of groundwater related equipment.

Institute for Groundwater Research

Tel: (519) 885-1211

Physics Building Room 229
200 University Avenue West
University of Waterloo
Waterloo, Ontario N2L 3G1

INSTITUTE FOR SPACE AND TERRESTRIAL SCIENCE

An Ontario Centre of Excellence intended to stimulate advanced world-class research, to increase the production of graduates with experimental experience in the space sciences and engineering, and to encourage the transfer and diffusion of technology into industry. The institute, a consortium of four universities, a technical college and currently 19 member companies, supports academic and industrial research in the following disciplines:

atmospheric and magnetospheric physics, remote sensing and image analysis, planetary and stellar astronomy, instrumentation, space technology and materials, human performance in space, and diagnostic laser, microwave and electro-optical technologies.

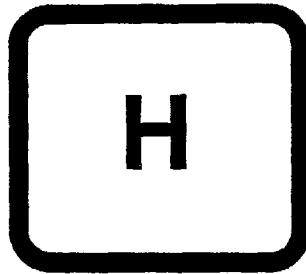
Institute for Space and Terrestrial Science

Tel: (416) 665-3311

4850 Keele Street
Downsview, Ontario M3J 3K1

Fax: (416) 665-2032

internet: ists.ists.ca



New Technology Exhibitions

H: NEW TECHNOLOGY EXHIBITIONS

This category identifies periodic trade fairs, exhibitions, conferences, and conventions, which principally focus upon the presentation of new technology-intensive products or services, licensing, or pre-commercial technology purchase opportunities originating in Canada.

Each year, thousands of trade fairs, exhibitions, conferences, and conventions, usually very sector specific (farm machinery, printing, lighting) are held in Canada and internationally. Much of the new technology related to a specific industry sector is introduced at such events. Therefore, the business person searching for new technological developments has to choose the events to attend that are most likely to produce results. Industry association officials and specialists at Industry, Science and Technology Canada (ISTC), the National Research Council (NRC) and other government departments can be of assistance in evaluating and selecting the events to be attended. In addition, several publications and at least one database are available which list and describe events.

There are also exhibitions solely devoted to displaying new technologies and innovations from a cross-section of industry sectors.

Ontario

CANADIAN INDUSTRY SHOWS AND EXHIBITIONS (QUARTERLY DIRECTORY)

Available from Circulation Department.

Canadian Advertising Rates & Data

Macleon Hunter Limited

Macleon Hunter Building

777 Bay Street

Toronto, Ontario M5W 1A7

Tel: (416) 596-5970

Fax: (416) 591-1240

INTERNATIONAL EVENTS (ANNUAL DIRECTORY)

Available free of charge from Swissair.

Tel: (514) 879-1330

THE INTERNATIONAL TRADE FAIRS AND CONFERENCES DIRECTORY (ANNUAL)

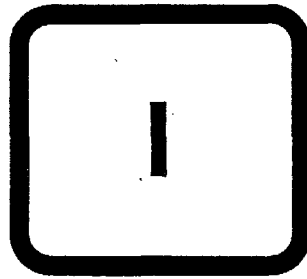
CO-MAR Management Services, Inc.

366 Adelaide Street East, Suite 339

Toronto, Ontario M5A 3X9

Tel: (416) 364-1223

Fax: (416) 364-6557



**Associations and Societies Concerned with
Technology Transfer**

I: ASSOCIATIONS AND SOCIETIES CONCERNED WITH TECHNOLOGY TRANSFER

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

The most appropriate sources for identifying qualified specialists to handle the legal aspects of technology transactions are technology transfer specialists and organizations as listed in this publication. They can provide referrals and assessments of legal practitioners with the specialized qualifications and experience to meet specific needs.

The various organizations of lawyers located in each province (eg. the Law Society of Upper Canada, in Ontario) will provide referrals to lawyers that have identified themselves as having expertise/an interest in law dealing with technology. However, such referrals are usually made on a rotational basis, and not on the basis of qualitative criteria such as most years of experience or peer ratings.

The Canadian Patent Office in Ottawa, Enquiries Section (613) 997-1936, supplies a listing of Registered Patent Agents. Lawyers, and also engineers and other specialists, can qualify as Registered Patent Agents through success on the required written examinations, and are therefore deemed to be qualified in matters relating to patents. Those that are lawyers, can also provide other technology-related legal services. Registered Patent Agents are also knowledgeable of lawyers capable of providing other specialized technology-related legal services.

Many lawyers active in providing specialized technology-related legal services, are members of the Licensing Executives Society (LES) and are therefore listed in the LES Annual Directory of Membership and/or the LES International Technology Directory. LES has chapters in major Canadian cities and the Headquarters is listed in Section H of this publication.

Alberta

ASSOCIATION OF PROVINCIAL ORGANIZATIONS INC. (APRO)

A non-profit organization working to satisfy Canadian industrial needs in applied research, experimental development, technical services, and technology transfer, the Association of Provincial Organizations Inc. (APRO) is a national network of regional organizations dedicated to using science and technology for the economic and social development of Canada and the provinces. Through its member organizations, APRO operates applied research and testing laboratories throughout the country and specializes in services to small and medium-sized businesses.

Association of Provincial Organizations Inc. (APRO)
(Alberta Centre)

Alberta Research Council (ARC)
250 Karl Clark Road
P.O. Box 8330 Station "F"
Edmonton, Alberta T6H 5X2

Tel: (403) 450-5111
Fax: (403) 461-2651
Tlx: (403) 037-2146

Sask.

PRAIRIE IMPLEMENT MANUFACTURERS ASSOCIATION INNOVATIONS DIVISION

Program assists in getting Prairie innovations to the respective manufacturers

Prairie Implement Manufacturers
Association Innovations Division
2135 Albert Street
Regina Saskatchewan S4P 2V1

Tel: (306) 359-7109
Fax: (306) 781-7293

**I: Associations and Societies
Concerned with Technology Transfer**

Western Region

1707-94th Street
Edmonton, Alberta T6N 1E6

Tel: (403) 450-2111

Prairie Region

50 Paramount Road
Winnipeg, Manitoba R2X 2W3

Tel: (204) 632-6633

Eastern Region

865 rue Ellingham
Pointe Claire, Quebec H9R 5E8

Tel: (514) 694-8110

Atlantic Region

42A Shediac Road
Moncton, New Brunswick E1A 2R5

Tel: (506) 858-9300

J: LARGER COMPANIES AS SOURCES OF TECHNOLOGY

This category includes Canadian 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.

B.C.

COMINCO ENGINEERING SERVICES LTD. (CESL)

A subsidiary of a large Canadian natural resources firm. The 300 staff supply engineering process technology and operating services to the mining, metallurgical and process industries worldwide. A number of technologies developed for the parent firm are marketed.

Cominco Engineering Services Ltd. (CESL)

Tel: (604) 264-5500

100-1200 73rd Avenue

Vancouver, British Columbia V6P 6G5

Alberta

ALBERTA TELECOMMUNICATIONS RESEARCH CENTRE (ATRC)

Non-profit organization for advanced research in telecommunications systems, theory and technology. Represents a unique tripartite relationship between industry, university and government. It provides the environment where developers of new technology can join in collaborative education and research with respect to telecommunications innovation and advancement.

Alberta Telecommunications Research Centre (ATRC)

Tel: (403) 461-3838

200-4245 97th Street

Fax: (403) 463-3010

Edmonton, Alberta T6E 5Y4

NOVACORP INTERNATIONAL CONSULTING INC.

Provides technologically advanced engineering and operating consulting services in petrochemicals and pipeline transportation. Markets the application of specialized products developed within the NOVA Corporation.

NovaCorp International Consulting Inc.

Tel: (403) 261-5209

P.O. Box 2535 Station M

Fax: (403) 290-6090

Calgary Alberta T2P 2N6

Tlx: 038-21503

VENTECH HEALTHCARE CORPORATION INC.

VenTech manufactures and distributes a full line of medical surgical and diagnostic products for hospitals, physicians, clinics and the home health care market. They have a designated officer responsible for pursuing new opportunities with various technology transfer departments at Canadian universities as well as with several private and government R&D departments.

VenTech Healthcare Corporation Inc.

Tel: (403) 265-3035

#1500 Canada Life Tower

Fax: (403) 233-2244

736 - 6th Avenue SW

Calgary, Alberta T2P 3T7

Ontario

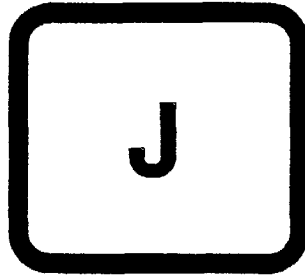
ATOMIC ENERGY OF CANADA LIMITED

344 Slater Street

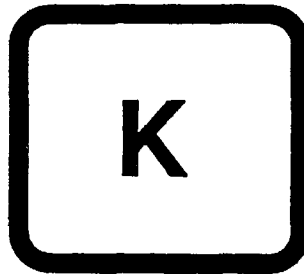
Tel: (613) 237-3270

Ottawa, Ontario K1A 0S4

Fax: (613) 563-9499



**Larger Companies as Sources
of Technology**



Legal Contacts

K: LEGAL CONTACTS

Refers to organizations in the legal profession in Canada who routinely offer specialized technology-related legal services such as, but not limited to, the development and structuring of joint venture relationships, technology transfer agreements, licensing agreements, intellectual property protection agreement, patent services, etc.

The most appropriate sources for identifying qualified specialists to handle the legal aspects of technology transactions are technology transfer specialists and organizations as listed in this publication. They can provide referrals and assessments of legal practitioners with the specialized qualifications and experience to meet specific needs.

The various organizations of lawyers located in each province (eg. the Law Society of Upper Canada, in Ontario) will provide referrals to lawyers that have identified themselves as having expertise/an interest in law dealing with technology. However, such referrals are usually made on a rotational basis, and not on the basis of qualitative criteria such as most years of experience or peer ratings.

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Many lawyers active in providing specialized technology-related legal services, are members of the Licensing Executives Society (LES) and are therefore listed in the LES Annual Directory of Membership and/or the LES International Technology Directory. LES has chapters in major Canadian cities and the Headquarters is listed in Section H of this publication.

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.

PATENT AGENT FIRMS AND SOLE PRACTITIONERS IN PRIVATE PRACTICE

- B.C. **BARRIGAR & OYEN** Tel: (604) 669-3432
Suite 480, The Station
601 Royal Centre
Vancouver, British Columbia V6B 1G1
- BULL, HOUSSER & TUPPER** Tel: (604) 687-6575
Box 1130
3000 Royal Centre
Vancouver, British Columbia V6E 3R3
- CARVER & COMPANY** Tel: (604) 687-8545
Box 11130
3000 Royal Centre
Vancouver, British Columbia V6E 3R3
- COASTAL TRADEMARK SERVICES** Tel: (604) 687-7432
Box 12109
555 West Hastings Street
Vancouver, British Columbia V6B 4N6

Ontario **ADAMS & ASSOCIATES, THOMAS** Tel: (613) 726-0530
Box 11100 Station H
Ottawa, Ontario K2H 7T8

ASQUITH, ANTHONY Tel: (519) 746-6732
173 Westvale Drive
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130 Slater Street
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BARRIGAR & OYEN Tel: (416) 364-4733
Ste 1108 Richmond-Adelaide Centre
120 Adelaide Street West
Toronto, Ontario M5H 1T1

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Sheldon Burshtein Fax: (416) 863-2653
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Judith E.A. Kingston
Solicitor
Blake, Cassels & Graydon
Box 25
Commerce Court West
Toronto, Ontario M5L 1A9

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291 Lanark Avenue
Ottawa, Ontario K1Z 6R6

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40 King Street W.
Toronto, Ontario M5H 3Y4

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& Shadlock
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Mississauga Ontario L5G 4M4
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Ottawa, Ontario K1P 5L6
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Gowling & Henderson
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Fax: (416) 276-7687

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101 Richmond Street West
Toronto, Ontario M5H 2J7

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277 Lakeshore Road., East
Suite 201
Oakville, Ontario L6J 6J3

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Toronto, Ontario M5H 3Y2

Tel: (416) 364-7311

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SCOTT & AYLEN
60 Queen Street
Ottawa, Ontario K1P 5Y7

Tel: (613) 237-5160

SEABY & STERLING
708-880 Wellington Street
Ottawa, Ontario K1R 6K7

Tel: (613) 232-5815

SHAPIRIO, COHEN, ANDREWS, FINLAYSON
Box 3440 Station D
Ottawa, Ontario K1P 6P1

Tel: (613) 232-5300

SHEARN, J.
Suite 4300 Bank of Nova Scotia Plaza
40 King Street West
Toronto, Ontario M5H 3Y4

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Québec

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Robert Brouillette
Clark, Woods
1245 Sherbrooke Street West
Suite 2000
Montreal, Quebec H3G 1G2

Tel: (514) 284-3131
Fax: (514) 284-1720

DROUIN, GUY
B.P. 2000 Succursale
Youville Quebec H2P 2X1

Tel: (514) 383-1550

FETHERSTONHAUGH & CO.
4 Place Ville Marie
Suite 606
Montreal, Quebec H3B 2E7

Tel: (514) 954-1500

FINCHAM, ERIC
1991 Perigny Blvd
Suite 109
Chambly, Quebec J3L 4C3

Tel: (514) 658-1598

GOUDREAU GAGE DUBUC & MARTINEAU WALKER
Box 242 Victoria Square Suite 3400
The Stock Exchange Tower
Montreal, Quebec H4Z 1E9

Tel: (514) 397-7602

GOUDREAU GAGE DUBUC & MARTINEAU WALKER
425 Rue Saint-Amable
Bureau 1100
Montreal, Quebec G1R 5E4

Tel: (418) 647-2447

LESPERANCE & ASSOCIES
1440 St. Catherine Street West
Suite 707
Montreal, Quebec H3G 1R8

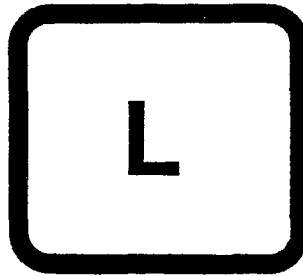
Tel: (514) 861-4831

MACRAE & CO., ALEX E.
85 Victoria Street
Hull, Quebec

Tel: (819) 770-8842

MORNEAU, ROLAND L.
4101 est, rue Jarry Suite 305
Montreal, Quebec H1Z 2H4

Tel: (514) 728-2132



Government Contacts and Information Sources

- 1. Technology Inflow program (TIP)
Officers in Canadian Embassies
Abroad**
 - 2. Federal Government**
 - 3. Provincial Government**
 - 4. Financial Assistance Programs and
Services Related to Technology
Transfer**
-

L: GOVERNMENT CONTACTS AND INFORMATION SOURCES

L1. Technology Inflow Program (TIP) Officers in Canadian Embassies Abroad

This category includes municipal, provincial, and federal government offices whose significant function is to provide path finding services and information to assist the public to identify, evaluate, acquire, and implement technology. It also includes government sponsored or endowed organizations and non-government organizations whose principal function is to adjudicate funds and finance programs for scientific research and development.

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

Ms. H. Rowell (Helen)
Commercial Officer
Canadian Consulate
One Collins Street, 6th Floor

Tel: (011-61-3) 654-1433
Fax: (011-61-3) 650-5939
Tlx: (destination code 71)
30501 CANGOVTA A

Melbourne
Victoria 3000, AUSTRALIA

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

Tel: (011-61-2) 231-7022
Fax: (011-61-2) 223-4230
Tlx: (destination code 71)
20600 CANGOVTA A

50 Bridge Street
Sydney
N.S.W. 2000, AUSTRALIA

Austria

Mr. D.R. Punter (Dennis)
Counsellor (Commercial)
Canadian Embassy
Dr. Karl Lueger Ring 10

Tel: (011-43-222) 533-36-91
Fax: (011-43-222) 535-44-73
Tlx: (destination code 47)
115320 DOMCAN A

A-1010 Vienna, AUSTRIA

L: Government Contacts and Information Sources
L1. Technology Inflow Program (TIP) Officers
in Canadian Embassies Abroad

France	<p>Mr. J.Y. Tremblay (Jean-Yves) Counsellor (Science & Technology) <u>OR</u> Mr. M. Giroux (Michel)</p> <p>Counsellor (Space) <u>OR</u> Mr. D. Lafeuille (Denis) Technology Development Officer Canadian Embassy 35, avenue Montaigne 75008 Paris, FRANCE</p>	<p>Tel: (011-33-1) 47.23.01.01 Fax: (011-33-1) 47.23.56.28 Tlx: (destination code 42) 280806 CANAD A</p>
Germany, W.	<p>Mrs. M. Lofthouse (Maureen) Counsellor (Science & Technology) <u>OR</u> Ms. J. Zillgen-Schaefer (Jutta)</p> <p>Technology Development Officer <u>OR</u> Mr. I. Susemihil (Ingo) Technology Development Officer Canadian Embassy Friedrich-Wilhelm-Straße 18 D-5300 Bonn 1, FRG</p>	<p>Tel: (011-49-228) 23 10 61 Fax: (011-49-228) 23 08 57 Tlx: (destination code 41) 886421 DOMCA D</p>
Israel	<p>Ms. L. Léger (Louise) First Secretary (Commercial) Canadian Embassy P.O. Box 6410</p> <p>Tel Aviv, ISRAEL 63405</p>	<p>Tel: (011-972-3) 228122-6 Fax: (011-972-3) 223001 Tlx: (destination code 606) 341293 CANAD IL</p>
Italy	<p>Mr. G. Seropian (Gaston) Consul and Trade Commissioner Canadian Consulate General Via Vittor Pisani 19</p> <p>20124 Milan, ITALY</p>	<p>Tel: (011-39-2) 669-7451 Fax: (011-39-2) 670-4450 Tlx: (destination code 43) 310368 CANCON I</p>

L: Government Contacts and Information Sources
L1. Technology Inflow Program (TIP) Officers
in Canadian Embassies Abroad

U.S.A.

Mr. V. Bradley (Victor)
Counsellor (Science & Technology)

QR
WSH

Mr. B. Oak (Brian)
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Canadian Embassy
501 Pennsylvania Avenue N.W.
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Tlx: 054-3197 DOMCAN

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**L: Government Contacts and Information Sources
L1. Technology Inflow Program (TIP) Officers
in Canadian Embassies Abroad**

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Consul and Trade Commissioner
Canadian Consulate General
SEA
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Sixth and Stewart Streets
Seattle, Washington U.S.A. 98101-1286

Tel: (206) 443-1777
Fax: (206) 443-1782
Tlx: 032-8762 DOMCAN

L: GOVERNMENT CONTACTS AND INFORMATION SOURCES
L2. Federal Government

This category includes municipal, provincial, and federal government offices whose significant function is to provide path finding services and information to assist the public to identify, evaluate, acquire, and implement technology. It also includes government sponsored or endowed organizations and non-government organizations whose principal function is to adjudicate funds and finance programs for scientific research and development.

ALTA-CAN TELECOM INC.

Mr. Raymond
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Calgary, Alberta T2G 4Y5

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Fax: (403) 266-5226

CANADA INSTITUTE FOR SCIENTIFIC AND TECHNICAL INFORMATION (CISTI)

A very sophisticated and comprehensive 'library' that provides information on scientific, technical and medical topics. Fees and charges may apply for services such as database searches.

Canada Institute for Scientific and Technical Information (CISTI)

National Research Council (NRC)
Montreal Road, Building M-55
Ottawa, Ontario K1A 0S2

Tel: (613) 993-1600
Fax: (613) 952-9112
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ENVOY: 100:CISTI.INFO

CANADIAN INSTITUTE OF INDUSTRIAL TECHNOLOGY (CIIT)

17,000 m² laboratory/workshop/office facility used for research efforts initiated by the private sector. Generic areas of interest include artificial intelligence and expert systems, computer integrated manufacturing (CIM), robotics, and vision systems. The National Research Council (NRC) manages the institute and provides on-going funding and a core staff of 25.

Canadian Institute of Industrial Technology (CIIT)

National Research Council (NRC)
435 Ellice Avenue
Winnipeg, Manitoba R3B 1Y6

Tel: (204) 983-7545
Fax: (204) 983-3154

CANADIAN PATENTS AND DEVELOPMENT LIMITED (CPDL)

A Canadian Federal Crown corporation, established to market technologies from government sources as well as technologies from universities and other institutions. A catalogue of these technologies is available.

Canadian Patents and Development Limited (CPDL)

275 Slater Street
Ottawa, Ontario K1A 0R3

Tel: (613) 990-6100

CANADIAN SPACE AGENCY

The Canadian Space Agency will promote peaceful use and development of space for social and economic benefit of Canadians. It will ensure that space technology is developed to meet Canadian needs and that competitive space industries are encouraged to develop. The Agency will ensure the development, transfer, diffusion and absorption of space technology into the Canadian industrial infrastructure and it will promote the equitable distribution throughout Canada of benefits, both industrial and user related, to be derived from the Canadian Space Program. The Agency will be in charge of the Canadian contribution to the Space Station Program, the RADARSAT Program and the Canadian program involvement with the European Space Agency (ESA). The Canadian Space Agency will ensure that Canada maintains its role in the areas of space communications, remote sensing, space science and robotics.

Canadian Space Agency
240 Sparks Street
Ottawa, Ontario K1A 1A1

Tel: (613) 990-6785

IRAP Provincial Technology Advisors

Newfoundland

National Research Council Canada
Viking Building
136 Crosbie Road
St. John's Newfoundland A1B 3K3
Att: Gordon F. Cross (PC)

Tel: (709) 772-5228
Fax: (709) 772-5067

Prince Edward Island

National Research Council Canada
35 First Avenue
West Royalty Industrial Park
Charlottetown Prince Edward Island C1E 1B0
Attn: William A. Murphy (PC)

Tel: (902) 566-7642
Fax: (902) 566-7641

Nova Scotia

National Research Council Canada
c/o Technical University of N.S.
P.O. Box 1000
1360 Barrington Street, Bldg. A
Halifax Nova Scotia B3J 2X4
Attn: David Healey (PC)

Tel: (902) 426-6264
Fax: (902) 426-1624

New Brunswick

National Research Council Canada
921 College Hill Road
P.O. Box 20,000
Fredericton, New Brunswick E3B 6C2
Attn: Robert Bourdage (PC)

Tel: (506) 452-3831
Fax: (506) 452-3831

Quebec

Conseil national de recherches Canada
a/s Edifice du CRIQ
8475 Christophe-Columb,
Suite E-58
Montreal, Quebec H2M 2N9
Attn: David C. Ellis (PC)

Tel: (514) 283-7679
Fax: (514) 283-1915

Ontario

National Research Council Canada
200 Town Centre Court, Suite 1101
Scarborough, Ontario M1P 4X8
Attn: John R. Ratz (PC)

Tel: (416) 973-4483
Fax: (416) 973-4303

Manitoba

National Research Council Canada
Industrial Technology Centre
1329 Niakwa Road East
Winnipeg, Manitoba R2J 3T4
Attn: Roger Clarke (PC)

Tel: (204) 945-6133
Fax: (204) 983-8835

Saskatchewan

National Research Council Canada
15 Innovation Blvd.
Saskatoon, Saskatchewan S7N 2X8
Attn: Gary Derald (PC)

Tel: (306) 975-4714
Fax: (306) 975-4717

Newfoundland
Parsons Building, 90 O'Leary Avenue
P.O. Box 8950
St. John's, Newfoundland CANADA A1B 3R9
Local Offices:
Corner Brook
Happy Valley, Goose Bay, Labrador

Tel: (709) 772-4053
Tel: (709) 637-4477
Tel: (709) 896-2741

Prince Edward Island
Confederation Court Mall
134 Kent Street, Suite 400
P.O. Box 1115
Charlottetown, Prince Edward Island C1A 7M8

Tel: (902) 566-7400

Nova Scotia
1496 Lower Water Street
P.O. Box 940, Station M
Halifax, Nova Scotia B3J 2V9

Tel: (902) 426-4782

New Brunswick
770 Main Street
P.O. Box 1210
Moncton, New Brunswick E1C 8P9
Local Offices:
Bathurst
Fredericton
Grand Falls

Tel: (506) 857-6400
Tel: (506) 548-7420
Tel: (506) 452-3124
Tel: (506) 473-5556

Quebec
Tour de la Bourse, Suite 3800
800 Victoria Place
P.O. Box 247
Montreal, Quebec H4Z 1E8
Local Offices:
Alma
Drummondville
Quebec
Rimouski
Sept-Iles
Sherbrooke
Trois-Rivières
Val-d'Or

Tel: (514) 283-8185
Tel: (418) 668-3084
Tel: (819) 478-4664
Tel: (418) 648-4826
Tel: (418) 722-3282
Tel: (418) 968-3426
Tel: (819) 564-5904
Tel: (819) 374-5544
Tel: (819) 825-5260

Ontario
Dominion Public Building, 4th Floor
1 Front Street West
Toronto, Ontario M5J 1A4
Local Offices:
London
Ottawa
Sault Ste. Marie
Sudbury
Thunder Bay

Tel: (416) 973-5000
Tel: (519) 645-5820
Tel: (613) 993-4963
Tel: (705) 942-1327
Tel: (705) 671-0711
Tel: (807) 623-4436

OCEAN TECHNOLOGY PROMOTION OFFICE

Focal point in the federal government for information, advice, and assistance on such ocean technology areas as oceanography, hydrography and fisheries. Information can be provided on federal government research projects/available technologies in these areas, and international research projects/available technologies.

Ocean Technology Promotion Office
Oceans Development Branch
Fisheries and Oceans Canada
200 Kent Street
Ottawa, Ontario K1A 0E6

Tel: (613) 990-4373
Fax: (613) 990-2768
Tlx: 053-4228

PATENTS, TRADEMARKS, COPYRIGHT AND INDUSTRIAL DESIGN

Has state-of-the-art patent searches, and can help locate domestic and foreign technologies for licensing, to provide new product/process ideas, and to help monitor competitor developments throughout the world.

Patents, Trademarks, Copyright and Industrial Design
Intellectual Property Directorate
Consumer and Corporate Affairs
Place du Portage
Hull, Quebec K1A 0C9

Tel: (613) 997-1936

TECH TRACK

Government funded programs aimed at stimulating research and maximizing innovation in Quebec firms. It encourages firms that invest in technological development, by promoting research projects related to industrial needs. For stimulating capital investment in innovative firms. Encourages firms, universities and public agencies to co-operate in carrying out projects as well as support the development of technological sectors in which Quebec has already proven to be competitive.

Tech Track

The Joint Office of Program Evaluation
Canada/Quebec Subsidiary Agreement on
Scientific and Technological Development
111 St.-Urbain Street, Suite 104
Montreal, Quebec H2Z 1Y6

Tel: (514) 875-9517

THE PATENT OFFICE RECORD

A weekly booklet listing titles of patents issued and related information. Patents available for licensing are marked with an asterisk. Subscription fees.

Canadian Government Publishing Centre
Supply and Services Canada
Ottawa, Ontario K1A 0S9

Tel: (819) 956-4800
Fax: (819) 994-1498
Tlx: 053-4296

REFERENCE CANADA

Reference is the federal government's telephone referral and basic information service. It is available nation-wide and the toll-free service helps the public find answers to questions concerning the federal government.

Reference Canada
365 Laurier Avenue West 16th Floor
Journal Tower South
Ottawa, Ontario K1A 0S5

Tel: (613) 995-7737
Fax: (613) 952-0846

Prince Edward Island
Island Inquiries
Charlottetown (local calls)

Tel: 1-368-5050
Tel: 368-5050

Quebec
Communication-Quebec (Dial 0 and ask for
Zenith Communications Quebec
Communication-Quebec (Telecommunication
Device for the Deaf)

Tel: 1-800-361-9596

Saskatchewan
Government Inquiry Centre
Regina (local calls)
Regina (Telecommunications Device
for the Deaf)

Tel: 1-800-667-7160
Tel: 780-6683
Tel: 780-7576

Yukon
Yukon Inquiry Centre
Whitehorse (local calls)

Tel: 1-800-661-0408
Tel: 667-5811

L: GOVERNMENT CONTACTS AND INFORMATION SOURCES
L3: Provincial Government

This category includes municipal, provincial, and federal government offices whose significant function is to provide path finding services and information to assist the public to identify, evaluate, acquire, and implement technology. It also includes government sponsored or endowed organizations and non-government organizations whose principal function is to adjudicate funds and finance programs for scientific research and development.

Alberta

ALBERTA TECHNOLOGY RESEARCH AND TELECOMMUNICATIONS

Department offers several publications (Alberta Technology, Research and Telecommunication, Focus, and New Frontiers) all dealing with Alberta's technology transfer activities.

Alberta Technology Research and Telecommunications

Tel: (403) 422-0567

Pacific Plaza, 11th Floor

10909 Jasper Avenue

Edmonton, Alberta T5J 3M8

DEPARTMENT OF WESTERN ECONOMIC DIVERSIFICATION

Provides organizational and financial support to Western Canada companies to assist in upgrading or expanding.

Department of Western Economic Diversification

Tel: (403) 495-4164

1500, 9700 Jasper Avenue

Fax: (403) 495-4557

Edmonton, Alberta T5J 4H7

GOVERNMENT OF ALBERTA

Economic Development and Trade

Tel: (403) 427-4809

Sterling Place

Fax: (403) 427-0610

9940 - 106th Street

Edmonton, Alberta T5K 2P6

GOVERNMENT OF ALBERTA

Technology, Research and Telecommunications

Tel: (403) 422-0567

Pacific Plaza

Fax: (403) 420-1474

10909 Jasper Avenue

Edmonton, Alberta T5J 3M8

Québec

GOUVERNEMENT DU QUEBEC

Andre Duquenne

Tel: (514) 873-7531

Conseiller

Fax: (514) 873-7257

Gouvernement Du Quebec

Ministère De L'Industrie

770, Rue Sherbrooke Ouest, 10E Etage

Montreal, Quebec H3A 1G1

L: GOVERNMENT CONTACTS AND INFORMATION SOURCES

L4: Financial Assistance Programs and Services Related to Technology Transfer

This category includes municipal, provincial, and federal government offices whose significant function is to provide path finding services and information to assist the public to identify, evaluate, acquire, and implement technology. It also includes government sponsored or endowed organizations and non-government organizations whose principal function is to adjudicate funds and finance programs for scientific research and development.

West

WESTERN ECONOMIC DIVERSIFICATION CANADA

Program promotes the diversification of the Western Canadian economy by assisting the development of new products to Western Canada, new markets for Canadian goods and services, new technologies, import substitution projects and industry-wide productivity improvements. The government provides a path finding service to help entrepreneurs identify other sources of government assistance for their projects.

Western Economic Diversification Canada

Tel: (906) 666-6256

Western Diversification Program

1200-1055 Dunsmuir Street

Vancouver, British Columbia V7X 1L3

Regional Addresses:

Box 777

Tel: (204) 983-4472

712-240 Graham Avenue

Winnipeg, Manitoba R3C 2L4

Suite 601

Tel: (306) 975-4373

S.J. Cohen Building

119-4th Avenue South

Saskatoon Saskatchewan S7K 3S7

Suite 1500, Canada Place

Tel: (403) 495-4164

9700 Jasper Avenue

Edmonton, Alberta T5J 4H7

B.C.

SCIENCE AND TECHNOLOGY DEVELOPMENT FUND AND ASSISTANCE GRANTS FOR APPLIED RESEARCH (STDF - AGAR)

Program is designed to stimulate the development of science and technology applicable to economic development. Applied research and technology development projects are considered in various economic sectors. Eligible technologies include advanced materials and robotics.

Science and Technology Development Fund and Assistance

Tel: (604) 438-2752

Grants for Applied Research (STDF-AGAR)

Fax: (604) 438-6564

TRAINING INVESTMENT PROGRAM

Designed to encourage employers in developing on-going, long range training processes which will contribute to a highly skilled workforce.

Training Investment Program

Tel: (604) 387-0100

Ministry of Advanced Education and Job Training

3rd Floor, 838 Fort Street

Victoria, British Columbia V8W 1X4

Manitoba HEALTH INDUSTRY DEVELOPMENT INITIATIVE PROGRAMS

There are three main segments targeted at the health industry: Direct Projects, Shared-Costs Projects, and the Technology Commercialisation Program. The goal is to encourage and enable private Manitoba businesses to become competitive participants in the international market for health care products and services.

Health Industry Development Initiative Program
Department of Industry Trade and Tourism
5th Floor 155 Carlton Street
Winnipeg, Manitoba R3C 3H8

Tel: (204) 945-7492
Fax: (204) 945-1193

MANUFACTURING ADAPTATION PROGRAM

Provides assistance, loans and technical advice for studies on the introduction of new process technology and advanced technology equipment respectively.

Manufacturing Adaptation Program
Industry, Trade and Tourism
5th Floor 155 Carlton Street
Winnipeg, Manitoba R3C 3H8

Tel: (204) 945-2472
Fax: (204) 945-1193

TRADE ASSISTANCE

There are several programs offered to provide support for participation in recognized trade shows, sales missions to identify export markets and product market analysis, export package design, and promotional material.

Trade Assistance
Industry, Trade and Tourism
155 Carlton Street
Winnipeg, Manitoba R3C 3H8

Tel: (204) 845-3172

**Ontario/
Federal**

ADVANCED MANUFACTURING TECHNOLOGY APPLICATION PROGRAM (AMTAP)

Provides funding for qualified firms to engage outside expertise to assess the commercial and technical feasibility of a comprehensive upgrading of manufacturing operations through the application of advanced manufacturing technology.

Advanced Manufacturing Technology Application Program (AMTAP)
Information Technologies Industries Branch
Industry, Science and Technology Canada (ISTC)
235 Queen Street
Ottawa, Ontario K1A 0H5

Tel: (613) 954-3315
Fax: (613) 954-8419

ADVANCED TRAIN CONTROL SYSTEM PROGRAM

Provides financial assistance to Canadian companies carrying out R&D and testing of components and subsystems in support of the introduction of advanced train control technology in North America.

Advanced Train Control System Program
Surface Transportation and Machinery Branch
Industry, Science and Technology Canada (ISTC)
235 Queen Street
Ottawa, Ontario K1A 0H5

Tel: (613) 954-3443
Fax: (613) 954-1894

DEFENCE INDUSTRIAL RESEARCH PROGRAM

Intended to assist companies seeking support for research projects oriented primarily to defence technologies, and to improve their ability to share in the development and supply of material and equipment for Canadian, NATO, or other defence requirements.

Chief, Research and Development
Defence Industrial Research Program
Department of National Defence (DND)
305 Rideau Street
Ottawa, Ontario K1A 0K2

Tel: (613) 996-2020

DEFENCE INDUSTRY PRODUCTIVITY PROGRAM (DIPP)

This program assists Canadian firms in defense related industries to conduct research and development projects, become established as qualified suppliers, acquire advanced production equipment to modernize or upgrade manufacturing capabilities, and conduct market feasibility studies. Funding covers 50% of eligible costs on a repayable basis with no limit as to the size of the project.

Defence Industry Productivity Program (DIPP)
Industry, Science and Technology Canada
235 Queen Street
Ottawa, Ontario K1A 0H5

Tel: (613) 954-3292

FBDB VENTURE CAPITAL DIVISION

The Federal Business Development Bank (FBDB) provides venture capital, in conjunction with private venture capital organizations where possible, to firms with high growth potential but limited access to the capital market. FBDB policy is to remain a minority shareholder and divest its interest as soon as feasible for the company.

Ontario
Quebec/Eastern Arctic NWT
British Columbia/Yukon
Atlantic Provinces
Manitoba
Alberta/Western Arctic NWT
Saskatchewan

Tel: 1-800-268-9103
Tel: 1-800-361-2670
Tel: 1-800-663-0433
Tel: 1-800-565-1590
Tel: 1-800-542-3408
Tel: 1-800-661-3977
Tel: 1-800-667-7163

FEDNOR: CORE INDUSTRIAL PROGRAM

Programs which assist new and existing businesses in Northern Ontario. Has technology components.

FEDNOR: Core Industrial Program
Industry, Science and Technology Canada (ISTC)
473-477 Queens Street East
Sault Ste. Marie, Ontario P6A 1Z5

Tel: 1-800-461-6021

GOVERNMENT FUNDING: HOW TO TAP THE RESOURCES

Publication notes a number of government initiatives and programs and identifies contacts for obtaining further information. Lists federal government programs as well as programs in Atlantic Canada, Western Canada, Ontario and Quebec.

Government Funding: How to Tap The Resources
Canadian Plastics Institute
1262 Don Mills Road Suite 48
Don Mills, Ontario M3B 2W7

Tel: (416) 441-3222
Fax: (416) 441-1208

MICROELECTRONICS AND SYSTEMS DEVELOPMENT PROGRAM (MSDP)

Provides contributions, of up to 50% of eligible costs of R&D for qualifying technologically advanced projects, with maximum \$5 million. Contribution towards special purpose machinery limited to 25%. Repayment of contributions is mandatory for successful projects for which contribution of over \$500,000 provided. The program is delivered by the regional offices of Industry, Science and Technology Canada (ISTC). For program administration information contact:

The Coordinator,
Microelectronics and Systems Development Program (MSDP)
Industry, Science and Technology Canada (ISTC)
235 Queen Street
Ottawa, Ontario K1A 0H5

Tel: (613) 954-3476
Fax: (613) 952-8419
Tlx: 053-4123

NEW EXPORTERS TO BORDER STATES (NEBS)

MIT administers the NEBS program to help Ontario businesses to increase their market penetration by exporting to the United States. NEBS teaches participants about export pricing, selection of agents or distributors, legal considerations, trade shows, custom clearance, etc.

New Exporters to Border States (NEBS)
NEBS Coordinator U.S. Section
Ministry of Industry Trade and Technology
Mearst Block, 900 Bay Street
Toronto, Ontario M7A 2E1

Tel: (416) 963-2500
Fax: (416) 965-7791

Ontario
Quebec/Eastern Arctic NWT
British Columbia/Yukon
Atlantic Provinces
Manitoba
Alberta/Western Arctic NWT
Saskatchewan

Tel: 1-800-268-9103
Tel: 1-800-361-2670
Tel: 1-800-663-0433
Tel: 1-800-565-1590
Tel: 1-800-542-3408
Tel: 1-800-661-3977
Tel: 1-800-667-7163

PATENT INFORMATION EXPLOITATION PROGRAM (PIE)

This Consumer and Corporate Affairs program is aimed at stimulating technology transfer and promoting industrial innovation through exploiting information contained in patents. It has state-of-the-art patent searches, and can help locate domestic and foreign technologies for licensing, to provide new product/process ideas, and to help monitor competitor developments throughout the world.

Intellectual Property Directorate
Information and Technology Exploitation Branch
Consumer and Corporate Affairs Canada
Place du Portage
Hull, Quebec K1A 0C9

Tel: (819) 997-1936

PROGRAM FOR EXPORT MARKET DEVELOPMENT (PEMD)

Main objective is to increase sales of Canadian goods and services by sharing the costs of activities that companies could not undertake alone, thereby reducing the risks involved in penetrating a foreign market. Financial assistance is available.

Program for Export Market Development (PEMD)
Export and Investment Programs Division (TPE)
125 Sussex Drive
Ottawa, Ontario K1A 0G2

Tel: (613) 996-7155
Fax: (613) 996-9103
Toll Free: 1-800-167-8376

TECHNOLOGY OUTREACH PROGRAM (TOP)

The objective of the Technology Outreach Program (TOP) is to improve the productivity and competitiveness of Canadian industry. It does this through support to technology centres for national activities and services that accelerate the acquisition, development and diffusion of technology and critical management skills in industry, especially in small and medium-sized enterprises. The program provides start-up and, in some cases, sustaining support to technology centres. In general, sustaining support is only considered for those services which are not cost-recoverable.

The Coordinator,
Technology Outreach Program (TOP)
Technology and Industry Branch
Industry, Science and Technology Canada (ISTC)
Ottawa, Ontario K1A 0H5

Tel: (613) 954-3468
(613) 954-3466

UNIVERSITY-INDUSTRY PROGRAMS

Promotes collaboration between Canadian industry and university researchers. Program is very flexible. Contribution normally equals or exceeds 50% of collaboration costs.

Natural Sciences and Engineering Research Council (NSERC)
200 Kent Street
Ottawa, Ontario K1A 1H5

Tel: (613) 996-2009

UNIVERSITY RESEARCH MATCHING POLICY

Funds are provided to match private sector contributions to university research.

University Research Matching Policy
University Affairs Branch
Industry, Science and Technology Canada (ISTC)
235 Queen Street
Ottawa, Ontario K1A 0H5

Tel: (613) 993-6856
Fax: (613) 991-0363

Quebec

AEROSPACE INDUSTRY PILOT PROJECT

A consultant has been hired to assist Quebec machine shops engaged in aerospace subcontracting, to enhance their competitiveness through diagnostic review and identification of appropriate technology.

Aerospace Industry Pilot Project
Industry, Science and Technology Canada (ISTC)
Quebec Regional Office
Tour de la Bourse
800 Victoria Place Suite 3800
P.O. Box 247
Montreal, Quebec H4Z 1E8

Tel: (514) 283-8185
Fax: (514) 283-3315

ASSISTANCE WITH TECHNOLOGICAL INNOVATION

A publication of the Government of Quebec outlining and explaining Financial and Technical assistance programs. Tax benefits for R&D activities are also described. Information is provided for all stages of the technical innovation process. A number of pamphlets in the area of assistance and technical challenge are also available.

Assistance with Technological Innovation
Ministere de l'industrie, du commerce et de
la Technologie
770 rue Sherbrooke Ouest 7 etage
770 Sherbrooke Street West 7th Floor
Montreal, Quebec H3A 1G1

Tel: (514) 982-3000

L: Government Contacts and Information Sources
L4: Financial Assistance Programs and Services
Related to Technology Transfer

Maritimes ATLANTIC OPPORTUNITIES AGENCY (ACOA)
There are several sub-programs administered by ACOA: Innovation Assistance Capital Investment Assistance, Loan Insurance, Business Studies and Business Support.

Atlantic Canada Opportunities Agency (ACOA)

Head Office
Blue Cross Centre
644 Main Street
Moncton, New Brunswick
E1C 9J8

Toll Free: 1-800-561-7862

In Nova Scotia
Suite 3000, "The Brewery"
1489 Hollis Street
Halifax Nova Scotia B3J 3M5

Tel: 1-800-565-1228

Enterprise Cape Breton
15 Dorchester Street
Sydney, Nova Scotia B1P 6K7

Tel: 1-800-565-0228

In Prince Edward Island
3rd Floor
75 Fitzroy Street
Charlottetown, Prince Edward Island A1C 5M5

Tel: 1-800-563-5767

In New Brunswick
590 Brunswick Street
Fredericton New Brunswick E3B 5A6

Tel: 1-800-561-4030

N.B. DEPARTMENT OF COMMERCE AND TECHNOLOGY
Support is available through the Technical Assistance Through Consultants, Technical Grants to Industry and the Training Assistance Program

Department of Commerce and Technology
P.O. Box 6000
Fredericton, New Brunswick E3B 5H1

Tel: (506) 453-3890

Tel: (506) 453-2727

N.S. NOVA SCOTIA TRAINING AND EMPLOYMENT PROGRAM (NSTEP)
Program subsidizes the wages of a new employee while they are receiving training. It is not intended to be used for high technology.

Nova Scotia Training and Employment Program (NSTEP)
Department of Advanced Education and Job Training
5th Floor, Founders Square
1701 Hollis Street
Halifax, Nova Scotia B3J 3M8

Tel: (902) 424-5636

Fax: (902) 424-0511

BIBLIOGRAPHY

**Legal, Government, and Other
Publications**

BIBLIOGRAPHY: LEGAL, GOVERNMENT AND OTHER PUBLICATIONS

This category lists reference documents, developed by Canadian-based organizations which are not periodical in nature, which inform the reader principally on matters relating to aspects of technology transfer. It can also include non-periodicals by non-Canadian which address in a significant way, the technology transfer community in Alberta.

Ontario

AUTOMOTIVE CORPORATE DEVELOPMENT DIVISION

Guide presents a selective listing of federal government programs that are most relevant to auto parts companies seeking to enhance their international competitiveness. For each usage, programs are divided by topic, technology centres, regional assistance, marketing tariffs and duty remissions and training.

Automotive Corporate Development Division
Industry, Science and Technology Canada (ISTC)
235 Queen Street, 7th Floor East
Ottawa, Ontario K1A 0H5

Tel: (613) 954-3730

DIRECTORY OF RESEARCH ACTIVITIES - NRC (0110)

Overview of the National Research Council's organizational units, laboratories, specialized research personnel and their research projects, including telephone numbers. A large key-word index facilitates identification of specialized technologies, expertise and projects. Price: \$10. ISSN 0835-7048. NRC 27961. Available in English or French.

Publication Sales and Distribution
National Research Council (NRC)
Montreal Road, Building M-19
Ottawa, Ontario K1A 0R6

Tel: (613) 993-2054

PATENTS: AN INTRODUCTION

An information booklet providing basic information on patents, patenting procedures in Canada, and the Canadian Patent Office.

The Patent Office
Enquiries Section
Consumer and Corporate Affairs Canada
Ottawa, Ontario K1A 0E1

Tel: (819) 997-1936

PATENTS: QUESTIONS AND ANSWERS

An information booklet providing basic information concerning the patenting process in Canada and internationally. Available at no charge.

The Patent Office
Enquiries Section
Consumer and Corporate Affairs Canada
Ottawa, Ontario K1A 0E1

Tel: (819) 997-1936

SUPPLYING OR ACQUIRING TECHNOLOGY: A CANADIAN BUSINESS GUIDE TO STRUCTURING AND NEGOTIATING TECHNOLOGY TRANSFER AGREEMENTS

A quite detailed publication (75 pages) written in non-legalistic language by a Canadian lawyer. Available at no charge from Regional Offices of Industry, Science and Technology Canada, or contact:

Technology Liaison Directorate
Industry, Science and Technology Canada (ISTC)
235 Queen Street
Ottawa, Ontario K1A 0H5

Tel: (613) 954-3458
Fax: (613) 954-1894
Tlx: 053-4123

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