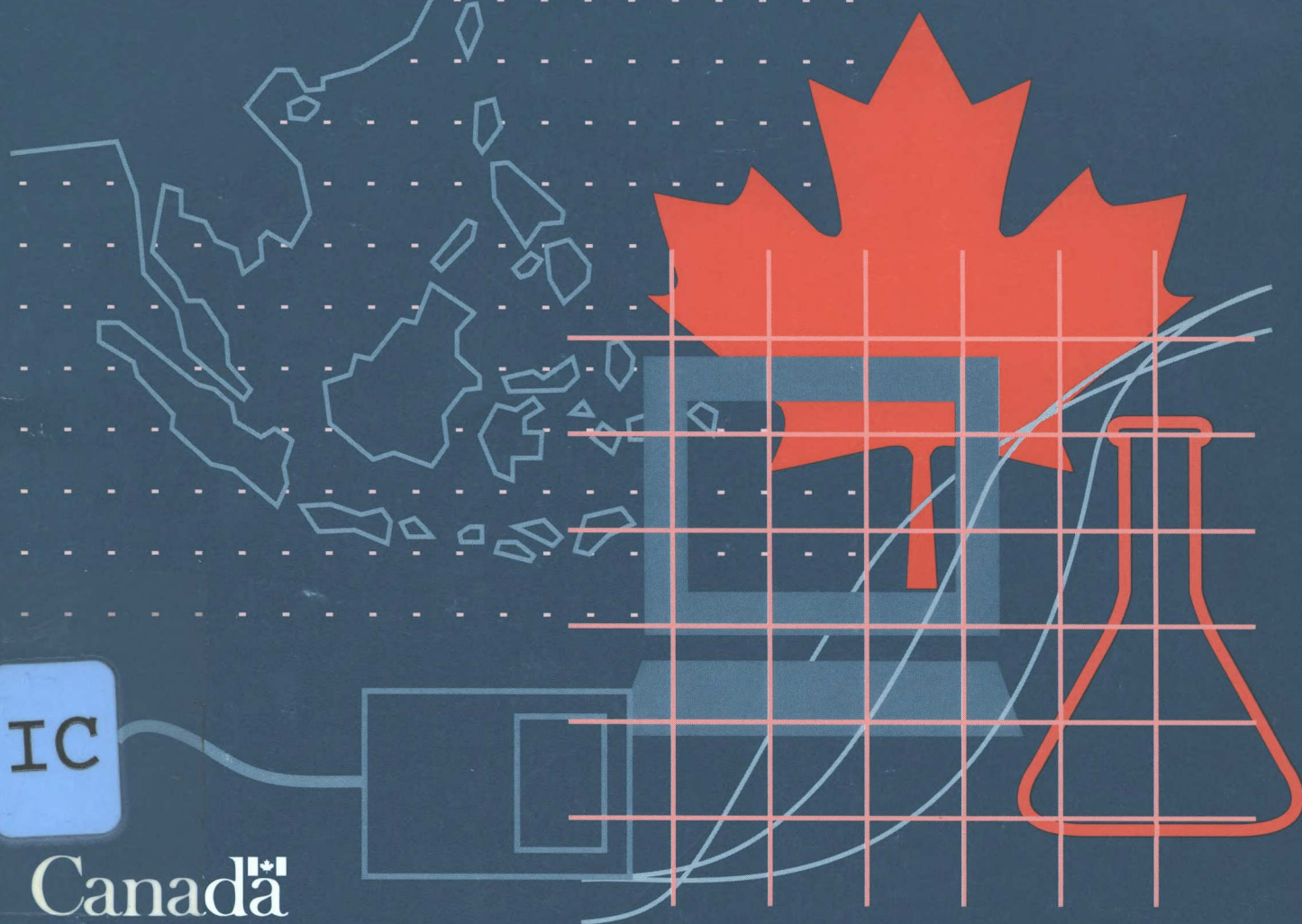


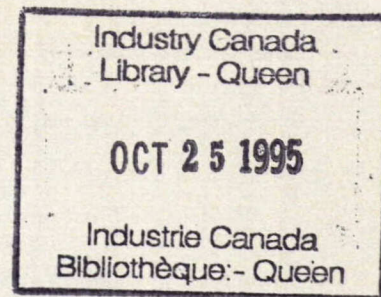
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THE JAPAN SCIENCE & TECHNOLOGY FUND



THE JAPAN SCIENCE & TECHNOLOGY FUND

A Government of Canada Program



External Affairs and International
Trade Canada

Industry, Science and Technology
Canada

Natural Sciences and Engineering
Research Council of Canada



Government
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THE JAPAN SCIENCE AND TECHNOLOGY FUND (JSTF)

In 1989, the Government of Canada implemented a new strategy designed to make Canada more competitive in the Asia-Pacific region: PACIFIC 2000. The strategy is based on an integrated approach to international trade, science and technology, and investment.

The JSTF is the largest component of PACIFIC 2000. The JSTF is a five-year, \$25-million fund to promote joint scientific and technological development with Japan and to help create strategic partnerships in sectors of Canadian priority. It is managed jointly by External Affairs and International Trade Canada (EAITC); Industry, Science and Technology Canada (ISTC); and the Natural Sciences and Engineering Research Council of Canada (NSERC).

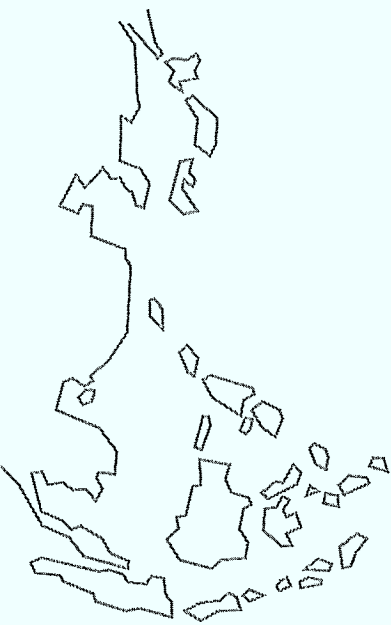
OBJECTIVES

The JSTF was put into place to enhance collaboration in science and technology with Japan. Since its establishment in 1989, the JSTF has evolved in response to the changing needs of the Canadian science and technology community. The Fund serves as a catalyst for interaction between Canadian and Japanese researchers and organizations, rather than as a source of ongoing funding. The JSTF is intended to complement, not to replace, existing federal funding mechanisms.

The JSTF's primary objectives are to:

- increase the participation of Canadian scientists and engineers in relevant world-class Japanese research and technology development programs and projects,
- train highly qualified personnel in state-of-the-art Japanese research facilities and thereby fill identified gaps in Canada's scientific and technological capabilities,
- facilitate access to Japanese technologies and industrial laboratories considered important to the competitiveness of Canadian industry, and
- support collaboration in research, standards setting and similar initiatives to facilitate exports to Japan.

The JSTF encourages activities that are part of longer-term strategies within Canadian research organizations. Such strategies should have clearly identified Japan as the principal source of research collaboration, leading, where relevant, to new industrial technologies of benefit to Canada.



ELIGIBLE ACTIVITIES

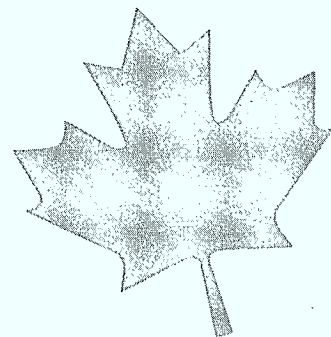
The Fund supports activity across the research spectrum — from basic research to pre-commercial projects. Eligible activities include:

Research Visits – Visits of up to four weeks (by individual researchers) to Japanese institutions or companies, to initiate co-operative activity or to substantially enhance existing co-operation. Such visits should not be exploratory, but must demonstrably be the next logical step toward the development of collaborative activity. The JSTF does not fund Japanese travel to Canada.

Research Exchanges – Canadian researchers working in Japanese private-sector, university or government research facilities, for six to 18 months. Supplementary financial assistance may, in some cases, be provided to post-doctoral researchers participating in a Japanese-funded exchange program.

NOTE: *All applicants should first assess their eligibility for, and make appropriate use of, existing Japanese-funded research fellowship programs. Such programs include fellowships offered by the Science and Technology Agency of Japan and the Japan Society for the Promotion of Science, and are administered in Canada through NSERC.*

Bilateral R&D Projects – Canadian component of new or expanded collaborative projects, where the Japanese partner is providing the essential expertise or facility, or in



which the risks and benefits are shared with a Japanese partner in developing the knowledge base needed for a range of new or improved products or processes.

NOTE: *Support is available for Japanese language training for Canadian researchers with confirmed exchanges/long-term visits to Japanese research facilities and for principal researchers in JSTF-funded collaborative projects. For exchanges, training must be taken prior to departure for Japan. Applications for language training in conjunction with JSTF-funded projects should be included with project applications. Support is also available for such activities as bilateral workshops and study missions to further assist the Canadian research community in developing closer links with their Japanese counterparts and disseminating the results of research collaborations with Japan.*

NON-ELIGIBLE ACTIVITIES

Projects not eligible for the JSTF funding include the following:

- commercial ventures,
- projects that would normally proceed without government assistance,
- activities that are already, or would be more appropriately, supported under existing government programs,
- projects involving a Canadian partner-organization that is a subsidiary wholly or majority-owned by Japanese interests,
- contract research, and
- conference attendance.

WHO MAY APPLY

The JSTF is open to individual Canadian scientists and engineers, including non-Canadian permanent residents, and to Canadian research organizations from industry, universities and government.

FUNDING

The Japan Science and Technology Fund provides up to 50 per cent support for eligible expenditures of approved activities. University applicants may be eligible for up to 75 per cent support. Researchers approved for language training will receive funding for up to nine weeks' full-time intensive language training (or the equivalent).

While multi-year (up to three years) funding for projects is available under the JSTF, the support provided by the Fund is intended as "seed" rather than "ongoing" funding and should not be considered as a replacement of existing programs. Applicants from the public and private sectors should note that the maximum total of assistance from all governments (including federal, provincial, municipal), and taxation credits is 75 per cent of eligible project costs.

Normal Limits to Contributions

Research Visits:	\$10 000 per visit
Research Exchanges:	\$ 50 000 per exchange
Bilateral R & D Projects:	\$350 000 over the life of the project
Language Training:	\$10 000 per principal researcher

Funding Limitations

- ☒ Funding for special equipment will not exceed 25 per cent of the JSTF contribution.
- ☒ Not covered are overhead or indirect costs including building costs, legal and management fees, and salaries of principal researchers from university and government. (i.e. Salaries for industry researchers may be included as eligible expenditures.)

NOTE: *JSTF support is contingent on matching funds from Canadian sources. The amount and sources of these funds must be identified.*

HOW TO APPLY

Applicants are advised to contact one of the administering agencies (listed on page 10 of this brochure) to obtain an application form, detailed guidelines and advice on the preparation of a proposal.

Information Required

The application must include the following information, as appropriate:

- ☒ objectives of the project and the potential collaboration,
- ☒ project summary, work plan and timetable,
- ☒ overview of research activities of applicant's organization,
- ☒ curricula vitae of main project personnel,
- ☒ history of previous professional contacts with Japanese partner(s),
- ☒ role of the Japanese contact(s)/partner(s) and an overview of their R&D activities as they relate to the proposal,

- relevance of the proposed activity to the ongoing activities and longer-term planning and objectives of the applicant's institute, company or research program,
- relevance of the proposed project to the JSTF,
- arrangements for the protection of intellectual property,
- benefits of proposed project to the individual or organization and to Canada,
- proposed follow-up activities,
- breakdown of anticipated costs,
- source(s) and amount of counterpart funding; and
- endorsement of the applicant's organization.

NOTE: *For Japanese language training, proof of a confirmed exchange with a Japanese research facility should be provided, together with details of the proposed training program and its costs.*

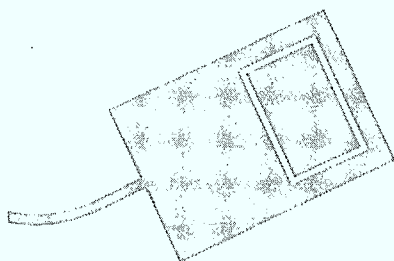
ASSESSMENT

Applications will be assessed in accordance with the following considerations:

- scientific excellence of the applicant and the research project,
- consistency with the objectives of the Fund,
- anticipated benefits to Canada,
- extent to which the proposed collaborative activity is part of an individual's or research team's priorities, or an institution's or company's mandate and longer-term corporate objectives, including those for international collaboration,

- ☐ suitable selection of partner,
- ☐ extent of the Japanese contribution to the project,
- ☐ potential for commercial or industrial development in Canada resulting from the activity,
- ☐ extent to which matching funds are available from federal and non-federal sources,
- ☐ extent of private-sector involvement, and benefit to small - and medium size - firms,
- ☐ where commercial confidentiality is not a factor, extent to which a broader Canadian research network can benefit from the proposed activity (diffusion of research results),
- ☐ extent to which consideration is given to the protection of intellectual property,
- ☐ whether the project would proceed without government assistance, and
- ☐ extent to which the proposed project brings together researchers from different sectors of the Canadian research community and will contribute to technology diffusion throughout Canada.

NOTE: *Where appropriate, activity supported by the JSTF should reflect or build upon other government policies and programs such as the Strategic Technologies Program of Industry, Science and Technology Canada or the Federal Networks of Centres of Excellence.*



Applications and enquiries should be addressed to one of the following offices:

Federal and Provincial Government Applications

External Affairs and International Trade Canada
North Asia Relations Division (PNR)
Japan Science and Technology Fund
125 Sussex Drive
Ottawa, Ontario
K1A 0G2
Telephone: (613) 996-0980
Fax: (613) 943-8167

Industry Applications

Industry, Science and Technology Canada
Technology Outreach Directorate
Japan Science and Technology Fund
235 Queen Street
Ottawa, Ontario
K1A 0H5
Telephone: (613) 952-1170 or 941-4494
Fax: (613) 992-7499

University Applications

International Programs
Natural Sciences and Engineering Research Council of Canada
200 Kent Street
Ottawa, Ontario
K1A 1H5
Telephone: (613) 947-0190
Fax: (613) 992-5337

OTHER SOURCES OF RELATED INFORMATION

External Affairs and International Trade Canada

Reports and Documents

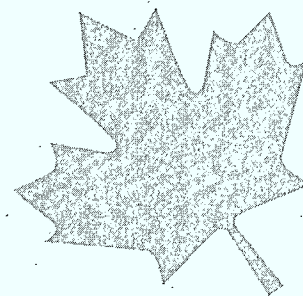
- ☐ Canada: Going Global — Guide to Programs and Services
- ☐ PACIFIC 2000 — A Program Guide
- ☐ PACIFIC 2000 — The Language and Awareness Fund
- ☐ PACIFIC 2000 — The Asia-Pacific International Education Fund
- ☐ PACIFIC 2000 — The Asia-Pacific Research Fund
- ☐ Program for Export Market Development
- ☐ Protecting Intellectual Property — An Introduction to Japan
- ☐ Technology Transfer — From Japan to Canada
- ☐ Canada-Japan Complementarity Study

Industry, Science and Technology Canada

Documentation on the various aspects of Canada-Japan science and technology flows and on other relevant federal government programs is available through Business Services Centres, located at ISTC Regional Offices across Canada.

Natural Sciences and Engineering Research Council of Canada

- ☐ Information on programs offered by Japanese agencies, including The Japan Society for the Promotion of Science (JSPS) and the Science and Technology Agency (STA)
- ☐ Documentation on NSERC International Programs
- ☐ Literature/video cassettes describing the language and culture of Japan
- ☐ **STA Today**, a monthly journal
- ☐ **A Guide to Entry, Residence and Registration Procedures in Japan for Foreign Nationals**, 1990, Japan Immigration Association
- ☐ **National Laboratories and Research Public Corporations in Japan**, 1990, Research Development Corporation of Japan
- ☐ **White Paper on Science and Technology 1991: Globalization of Scientific and Technological Activities and Issues Japan is Encountering**, 1992, Japan Information Center of Science and Technology.





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