

Funding Opportunities STI Canada



ERA-Can+

Advancing EU-Canada Collaboration in Research and Innovation

Lutea

June 21, 2016

Zentrum für Soziale Innovation (ZSI) | Isabella E. Wagner

Project Objectives

Support and enrich the EU-Canada policy dialogue under the bilateral S&T agreement

Identifying areas of mutual interest and programmes/funding opportunities
& addressing recommendations to the JSTCC

Monitor progress in bilateral STI cooperation

Mapping of policies programmes and participation of Canadians in FP7/H2020 and of Europeans in Canadian funding programmes

Strengthen bilateral cooperation between Research and Innovation actors

Raising awareness of opportunities for cooperation and enhancing coordination between research and innovation actors

ERA-Can History



Participants
Canada (Coordinator):
 Canada Foundation for Innovation (CFI)

2005



Participants
Canada (Coordinator):
 Canada Foundation for Innovation (CFI)
 Public Knowledge Canada (PKC)
 DFAIT

Germany:
 Project Management Agency of the
 German Federal Ministry of Education
 and Research at the German Aerospace
 Centre (DLR)

Italy:
 Agency for the Promotion of European
 Research (APRE)

2010



ERA-Can II and A20 Partners with European Commission and Government of Canada Representatives at the ERA-Can II Initial Management Meeting (14 September 2010)



Participants
Italy (Coordinator):
 Agency for the Promotion of
 European Research (APRE)

Canada :
 Public Knowledge Canada (PKC)
 Telligence
 ICA

Germany:
 Project Management Agency of the German
 Federal Ministry of Education and Research at
 the German Aerospace Centre (DLR)

France:
 Institute Pasteur

2010



Participants
Italy (Coordinator):
 Agency for the Promotion of
 European Research (APRE)

Canada :
 DFATD
 AUCC
 PPF

Germany:
 DLR

France:
 CNRS

Austria:
 ZSI

2014



ERA-Can+ Consortium (1 Oct 2013)

ERA-Can+

Project Consortium



Universities
Canada.
Universités
Canada.



Project Management Agency



Foreign Affairs, Trade and
Development Canada

Affaires étrangères, Commerce
et Développement Canada

ERA-Can+activities

- Analysis and Monitoring:
[STI Observatory Report](#)
- Networking:
Working visits, Brokerage events, Transatlantic Symposium on Innovation
- Help for researchers:
ERA-Can+ Helpdesk, Webinars and Information Sessions in EU and Canada
- Support for bilateral STI policy dialogue:
Roundtables, Priority setting workshops

EU-Canada STI cooperation

2016 marks the 20th anniversary of the signing of the “Agreement for Scientific and Technological Cooperation between Canada and the European Community” and collaboration in research and innovation remains a priority for Canada and the European Union (EU)

Current focus areas of the JSTCC

- aeronautics and space
- health
- information and communication technology; big data
- agriculture and food
- arctic and marine science

...might be updated after JSTCC meeting mid June 2016

Canadian science & technology research and development priorities

Environmental science

Natural resources and energy

Health and life sciences

Information and communications technologies

- Advanced manufacturing

Publications:Orientation Guides



- Guide to Horizon 2020 for Canadian researchers:
www.era-can.net/resources/guide-to-h2020/
- Guide to Canadian STI Programmes for European researchers:
www.era-can.net/resources/guide-canadian-programs/
- Guide to multi-lateral Cooperation
www.era-can.net/resources/multilateral-guide/

Canada in H2020

Canada only under specific circumstances, namely:

- when a provision is made in the call text;
- when the Commission deems participation essential;
- when an agreement exists between funding bodies.

Canadian researchers and innovators have been relatively successful (2014-2015):

CA success rate: 24%

third country' average 17%

- European applicant success rates (15%).
- EC has contributed €870,000 to Canadian participants.

Multi-lateral EU collaboration with Canadian participation

Canada only under specific circumstances, namely:

ERA-Nets: RA-NET NEURON E-RARE GENDER-NET

JPIs:

Neurodegenerative Disease Research (JPND)

Healthy Diet for a Healthy Life (HDHL)

Antimicrobial Resistance (JPIAMR)

- more years, better Lives- the opportunities and Challenges of Demographic Changes (JPI MYBL)
- Agriculture, Food Security and Climate Change (FACCE JPI)

Multi-lateral EU collaboration with Canadian participation

Art 185 initiatives, e.g.: Active and Assisted Living (AAL)
EUREKA

Transatlantic Platform (T-AP) SSH

The Belmont Forum Environmental research

PPPs, e.g. JTIs:

Innovative Medicines Initiative (IMI)

Fuel Cells and Hydrogen (FCH)

- Cea r, Sky2
- Shift2Rail
- Single European Sky Air Traffic Management Research (SESAR)

Multi-lateral EU collaboration with Canadian participation

- Canadian Alignment tools:
 - General granting council funding
 - Coordinated Calls - 1st call: Aeronautics
 - Provincial funding
 - University funding

Canadian Programmes open to European Researchers

- A) Programmes open for international participation
- B) Collaborative opportunities
- C) Intramural federal R&D
- on national and provincial level

Funding Agencies

- The Natural Sciences and Engineering Research Council of Canada (NSERC)
- The Social Sciences and Humanities Research Council of Canada (SSHRC)
- The Canadian Institutes of Health Research (CIHR)
- The Canada Foundation for innovation (CFI)
- Genome Canada
- Mitacs

A) Programmes open for international participation

Canada Research Chairs

Canada Excellence Research Chairs

BantingPostdoctoral Fellowships

Vanier Canada Graduate Scholarships

NSERC IPS and Visiting Fellowships

- Mta cs

B) Collaborative opportunities

Europeans can apply co-applicants:

Networks Centres of Excellence

SSHRC:

Insight Development Grants

Partnership Grants

Partnership Development Grants

Connection Grants

- CIHR: International Collaboration
- Canada Foundation for Innovation {CFI}

B) Collaborative opportunities

With matching fund from home country:

NRC Eureka

NSERC

Strategic Network/Partnership Grants (SNG)

Collaborative Research and Training Experience
Program (CREATE)

C) Intramural federal R&D

Agriculture and Agri-Food Canada

Canadian Food Inspection Agency

Canadian Space Agency

Defence Research and Development

Department of Fisheries and Oceans

Environment Canada

Health Canada partnerships and Health Canada

Fellowship Program

Industry Canada

- International Development Research Centre
- National Research Council Canada
- Statistics Canada

The Future of EU-Canada Collaboration

- Strong ties already established
- Closer coordination on programme level
- Tap more potentials in sharing infrastructures

ERA-Can+ on-line

- Website www.era-can.net
- LinkedIn [Group](#)
- Facebook [Profile](#)
- Twitter [@ERA_Can](#) [#ERACan](#)
- Subscribe to our Newsletter www.era-can.net/newsletter
- watch the project video on [YouTube](#)

Thank you.

Isabella E. Wagner

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