

ERA-Can+

Advancing EU-Canada Collaboration in Research and Innovation

Luleå

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

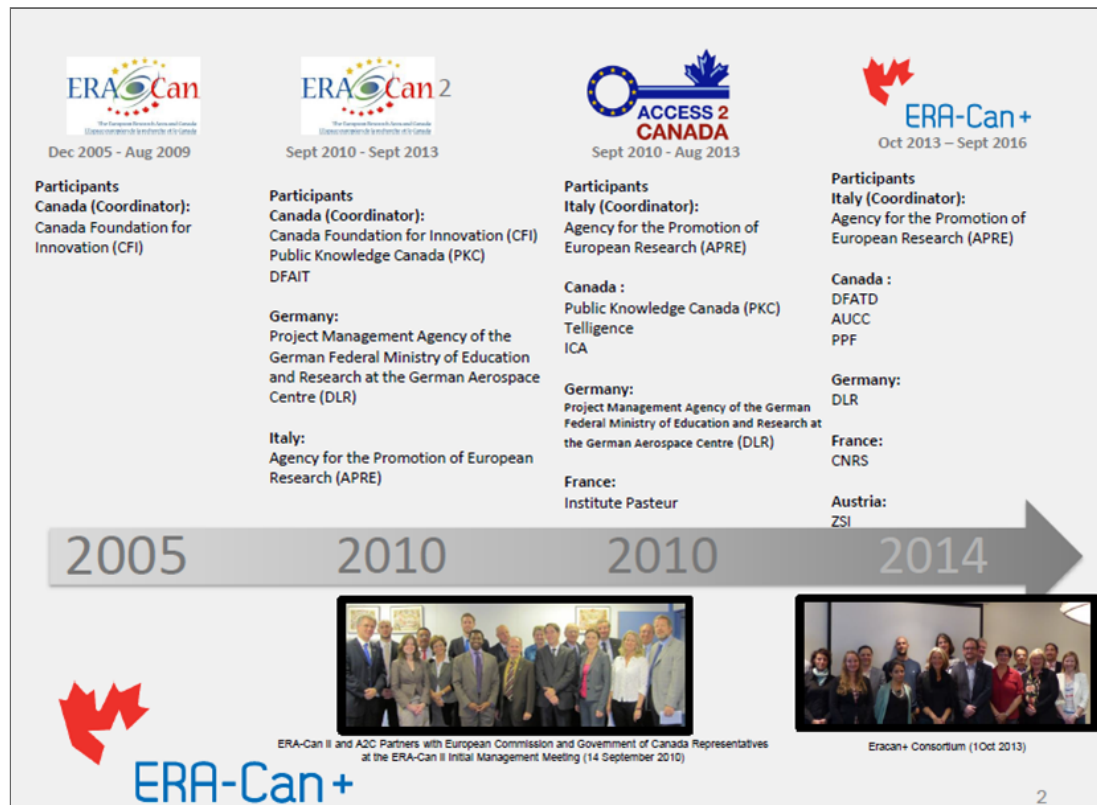
Monitor progress in bilateral STI cooperation

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



Project Consortium



DLR Project Management Agency



Foreign Affairs, Trade and
Development Canada

Affaires étrangères, Commerce
et Développement Canada

ERA-Can+ activities

- Policy level
- Programme level
- Researchers level

ERA-Can+ activities

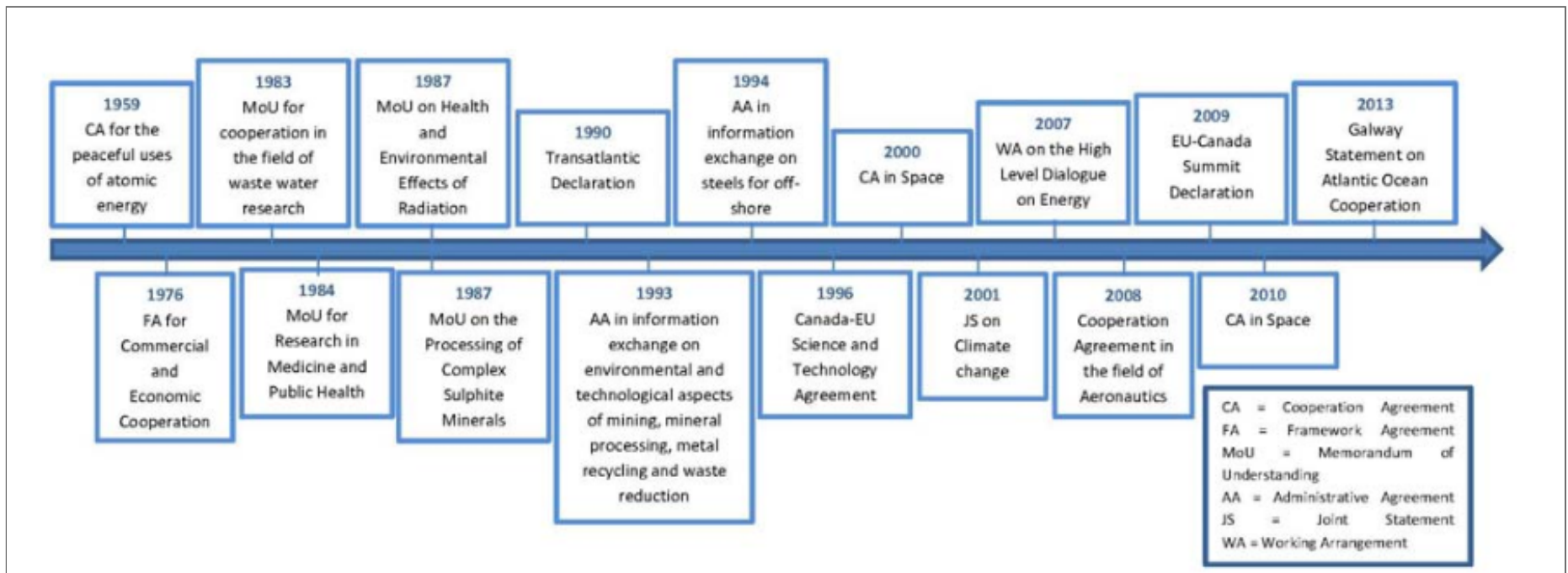
- **Analysis and Monitoring:**
STI Observatory Report
- **Networking:**
Working visits, Brokerage events, Transatlantic Symposium on Innovation
- **Help for researchers:**
ERA-Can+ Helpdesk, Webinars and Information Sessions in EU and Canada
- **Support for bilateral STI policy dialogue:**
Roundtables,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

EU-Canada STI cooperation

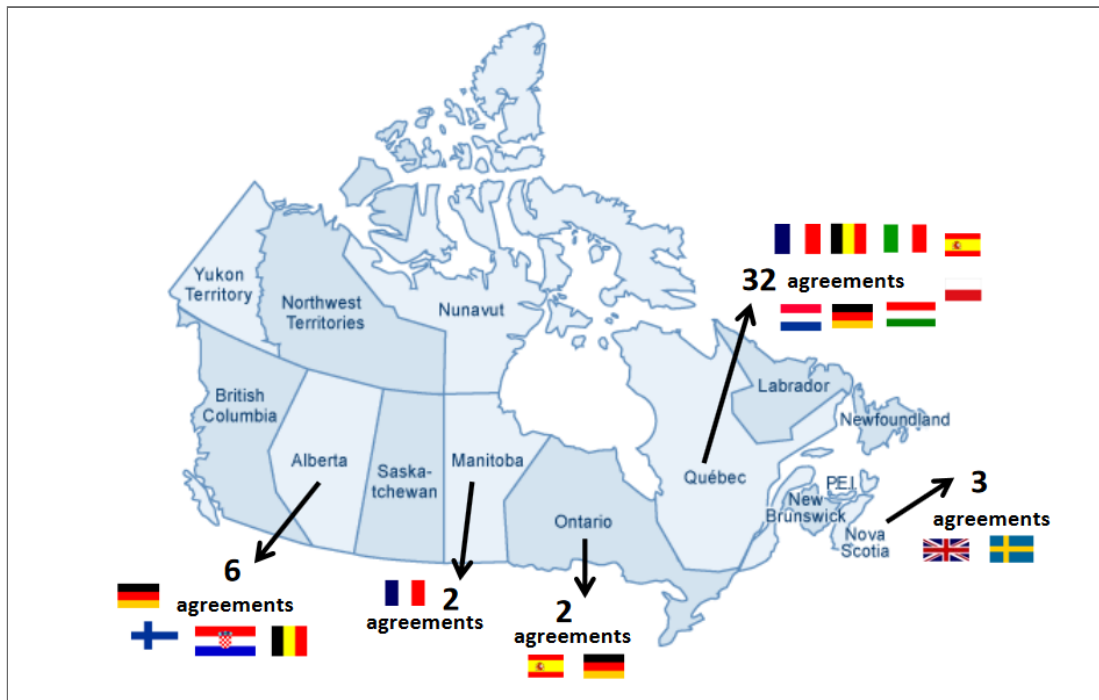
2016 marks the 20th anniversary of the signing of the “Agreement for Scientific and Technological Cooperation between Canada and the European Community” and collaboration in research and innovation remains a priority for Canada and the European Union (EU)



EU-Canada STI cooperation agreements



EU-Canada STI cooperation agreements



Current focus areas of the JSTCC

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

Canadian science & technology research and development priorities

- Environmental science
- Natural resources and energy
- Health and life sciences
- Information and communications technologies
- Advanced manufacturing

Canadian science & technology research and development priorities

- Environmental science
- Natural resources and energy
- Health and life sciences
- Information and communications technologies
- Advanced manufacturing

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 II, E-RARE 3, GENDER-NET
- JPIs:
 - Neurodegenerative Disease Research (JPND)
 - A Healthy Diet for a Healthy Life (HDHL)
 - Antimicrobial Resistance (JPIAMR)
 - More Years, Better Lives- The Potential 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) 2
 - Fuel Cells and Hydrogen (FCH) 2
 - Clean Sky 2
 - 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

Canada's Research System

- Provincial governments are responsible for the basic operating costs of educational institutions.
- Federal and provincial government are jointly responsible for ST&I framework (e.g. funding, commercialization, IP, labour mobility, knowledge transfer and mobilization).

Federal 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**

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

A) Programmes open for international participation

- **Canada Research Chairs**
- **Canada Excellence Research Chairs**
- **BantingPostdoctoral Fellowships**
- **Vanier Canada Graduate Scholarships**
- **NSERC IPS and Visiting Fellowships**

B) Collaborative opportunities I

Europeans can apply as 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 II

With matching fund from home country:

- **NRC Eureka**
- various: **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

International Scholarships and Mobility

- **www.scholarships-bourses.gc.ca**
- **Going Global Innovation Programme**

The Future of EU-Canada Collaboration

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

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/

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

Zentrum für Soziale Innovation

Linke Wienzeile 246

A - 1150 Vienna

Tel. 01-49 50 442 33

Fax. 01-49 50 442-40

email: wagner@zsi.at

<http://www.zsi.at>

