



CANADA'S
PUBLIC POLICY

FORUM
DES POLITIQUES PUBLIQUES
DU CANADA

PPFORUM.CA | FORUMPP.CA

INTRODUCTION TO ERA-CAN PLUS

Paul Ledwell, Executive Vice President

Presented to the Canadian Science Policy Conference
Panel 17 | Friday, November 22nd | Toronto, Ontario

Context of Canada-EU Relations

- 1. Canada-European Comprehensive Economic Trade Agreement**
Will increase bilateral trade by 20%
- 2. DFATD's Global Commerce Strategy**
Classified Europe as a “priority” business market
- 3. Canada-EU Agreement for Scientific & Technological Cooperation**
Allows Canadians to access EU funding, including Horizon 2020

“ Building on the recently announced agreement-in-principle on an historic Canada-European Union trade agreement, ERA-Can Plus is yet another bridge that will help us take our 21st century relationship to the next level. Enhancing the science, technology and innovation collaboration between Canada and the European Union, key features of our landmark trade agreement, will contribute to new jobs and new opportunities on both sides of the Atlantic. ”

The Honorable Ed Fast
Minister of International Trade

Horizon 2020

- European Commission funding program for research and innovation in science and technology
- Focus on scientific excellence, increased competitiveness, and solving societal challenges
- Canadians can access funds from Horizon 2020 through the ERA-Can Plus Program

ERA-Can Plus

“European Research Area Canada Plus” = “ERA-Can Plus”

- Launched October 2013, will run until September 2016
- Purpose: promote collaboration, tackle societal challenges, and achieve mutual prosperity
- Key differences from previous ERA-Can projects: bilateral, focus on innovation and technology transfer as well as research

Goals of ERA-Can Plus

1. Enrich EU-Canada policy dialogue

By identifying areas of mutual interest

2. Stimulate cooperation

By encouraging transatlantic, interdisciplinary exchange

3. Enhance coordination

Link Canadian and European actors in the science, technology, and innovation fields to solve societal challenges

Themes in Innovation

Bridging the gap between research and markets to address societal challenges...

Health, demographic change and well-being

Food security, sustainable agriculture, marine and maritime research, and bioeconomy

Secure, clean, and efficient energy

Smart, green, and integrated transportation

Environment, climate action, resource efficiency, and raw materials








Inclusive societies

Secure Societies

“Canada is a valued partner for the European Union in a wide range of cooperation areas and our partnership in research and innovation is particularly strong. ERA-Can Plus will further contribute to deepen the already existing strong ties. In particular, this joint initiative will be instrumental in facilitating enhanced cooperation in the new mutually agreed priority areas of arctic and marine research.”

Marie-Anne Coninx
EU Ambassador to Canada

ERA-Can Plus Partners

Organization	Acronym	Country
Agenzia per la Promozione della Ricerca Europea	APRE	
Zentrum für Soziale Innovation	ZSI	
Centre National de la Recherche Scientifique	CNRS	
Deutsches Zentrum für Luft- und Raumfahrt e.V.	DLR	
Foreign Affairs, Trade and Development Canada	DFATD	
Association of Universities and Colleges of Canada	AUCC	
The Public Policy Forum	PPF	

The Public Policy Forum's Role

1. Facilitate private sector participation

Generate awareness of ERA-Can Plus

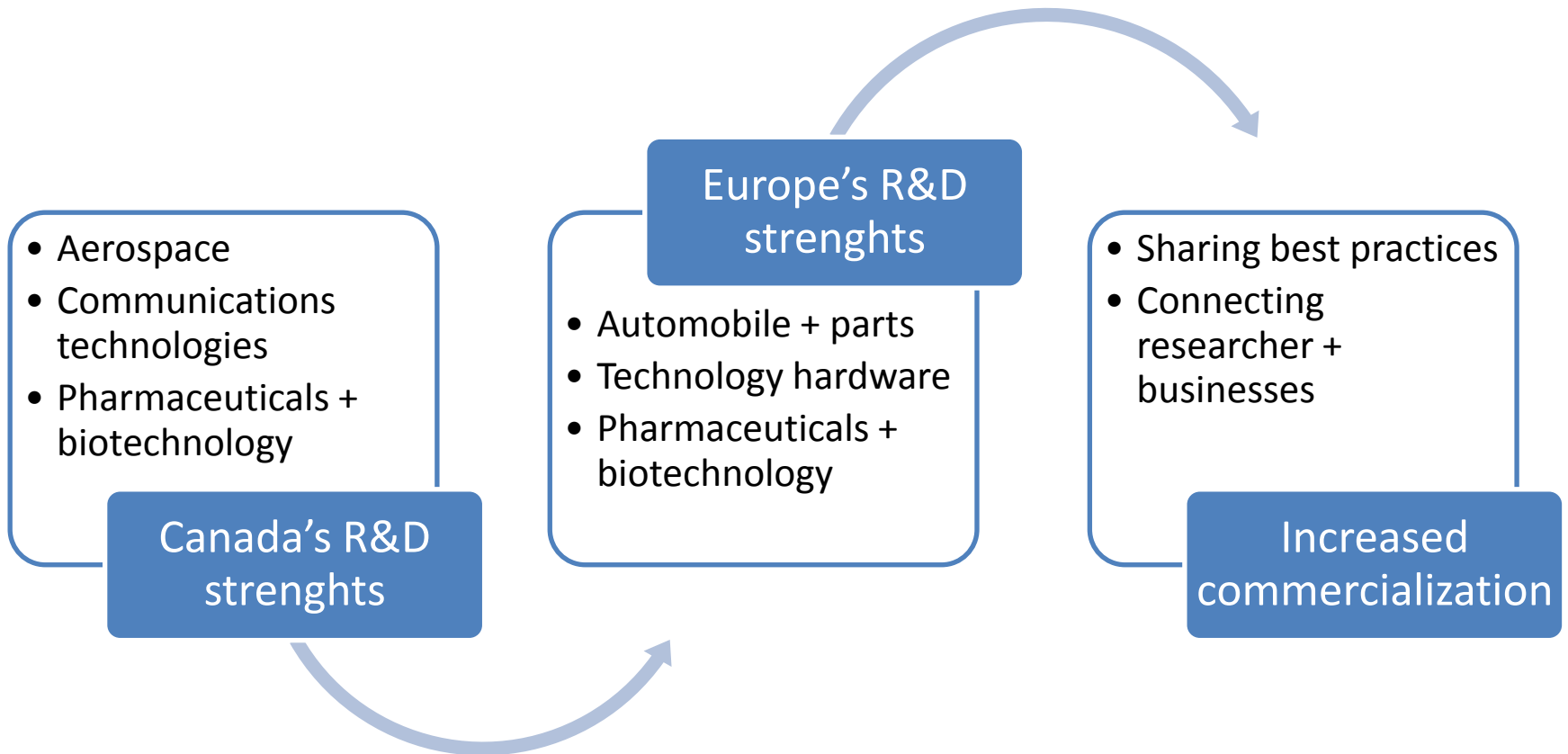
2. Engage small and medium enterprises

Create and mobilize and network of SMEs

3. Encourage the commercialization of research

Importance of connecting researchers + businesses

Focus on Innovation



Innovation in Action: Horizon 2020 Space



Canadian
Manufacturers &
Exporters

Manufacturiers et
Exportateurs du
Canada



Foreign Affairs, Trade and
Development Canada
Affaires étrangères, Commerce
et Développement Canada





CANADA'S
PUBLIC POLICY

FORUM
DES POLITIQUES PUBLIQUES
DU CANADA

PPFORUM.CA | FORUMPP.CA

Questions? Suggestions?
paul.ledwell@ppforum.ca

ERA-Can Plus

Promoting Canada-EU research collaboration

Paul Davidson, AUCC President
CSPC 2013, 22 November 2013

- National voice for Canadian universities
- Representing 97 public and private not-for-profit Canadian universities and university degree-level colleges, at home and abroad
- Celebrated centennial in 2011
- Not-for-profit voluntary organization, funded by membership fees and revenue from publications, international projects and scholarship management

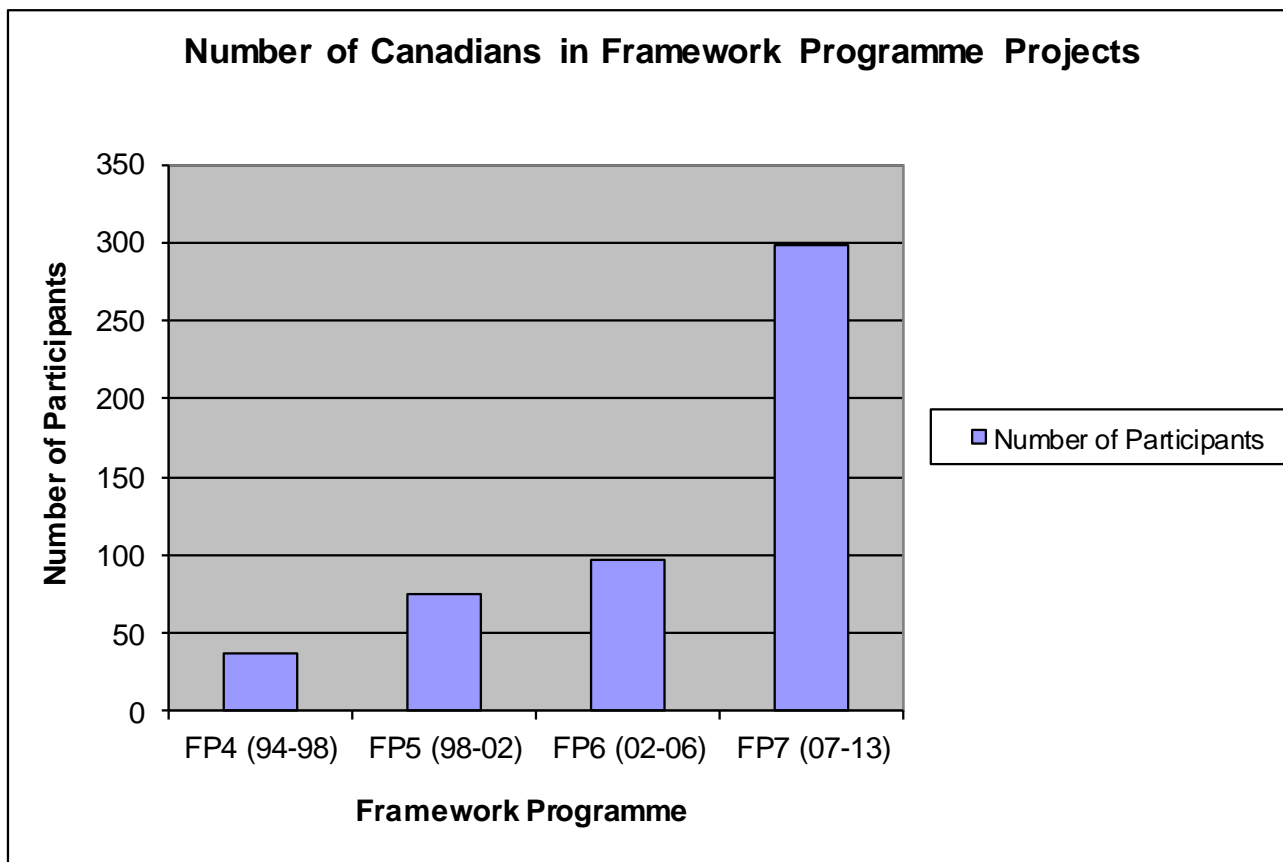
ERA-Can Plus for universities

- Benefits of international research collaboration: tackling transnational problems
- Rise in cross-border research collaboration
- ERA-Can Plus: valuable framework to foster collaboration
- Further strengthening ties with Europe



- AUCC: assisting universities create international alliances and partnerships
- Universities are an underleveraged asset for research and innovation partnerships
- Canada's strong reputation for research excellence: *State of Science and Technology of Canada*

Canadians in European FPs



Canadians Universities in FP7

University	COOP.	PEOPLE	CAP.	IDEAS	Total	EC Funded
Toronto	11	14	0	1	26	3
McGill	10	16	2	0	28	7
UBC	6	11	0	0	17	1
Laval	7	9	1	0	17	2
Alberta	11	3	1	0	15	2
Montréal	2	10	0	0	12	2
INRS	2	6	0	0	8	0
Waterloo	3	4	0	0	7	1
Calgary	2	2	2	0	6	3
Ottawa	5	0	0	0	5	3
McMaster	4	1	0	0	5	3
Simon Fraser University	0	5	0	0	5	0
École Polytechnique	3	1	0	0	4	1
7 Universities (3 ea.)	9	12	0	0	21	4
11 Universities (2 ea.)	13	9	0	0	22	3
6 Universities (1 ea.)	2	4	0	0	6	0
37 Universities	90	107	6	1	188	35 (18.6%)
CDN Total (all sectors):	156	118	20	1	295	75 (25.4%)

January 2007-May 2013

Societal challenges defined by the EU

Health, demographic change and well-being
Food security, sustainable agriculture, marine and maritime research & the bio-economy
Secure, clean and efficient energy*
Smart, green and integrated transport
Climate action, resource efficiency and raw materials
Inclusive societies
Secure societies

- Knowledge-based bio-economy
- People/researcher mobility
- ICT enhancement
- Arctic research
- Marine research
- Sharing research infrastructure
- Space
- Aeronautics



European Commission



Hosted by the Irish Prime Minister under the Irish Presidency of the European Union

May 2013 – Science workshop and signing of the "Galway Statement"

Transatlantic Research Alliance
Canada-EU-US

On Marine and Arctic Research

THE ATLANTIC
A SHARED RESOURCE

Signed in Galway on 24 May 2013 in three originals in the English language.

For the European Union

For the Government of Canada

For the Government of the United States of America

Maire GEOGHEGAN-QUINN
Commissioner for Research, Innovation and Science

Edward FAST
Minister of International Trade and Minister for the Asia-Pacific Gateway

Dr Kerri-Ann JONES
Assistant Secretary of State for Oceans and International Environmental and Scientific Affairs

Maria DAMANAKI
Commissioner for Maritime Affairs and Fisheries

Research and Innovation



- Using scientific collaborations among nations to address common problems and build partnerships
- Governor General David Johnston: “diplomacy of knowledge”
- Strengthening bilateral ties through research and student mobility
- Canada’s universities: focused international agenda, aligned with trade and investment priorities

Strategic Engagement with Brazil



Joint Action Plan on Science, Technology and Innovation:

Areas of focus

- Life Sciences
- Ocean Science and Technology
- Green Energy and Clean Technology
- Information and Communications Technologies

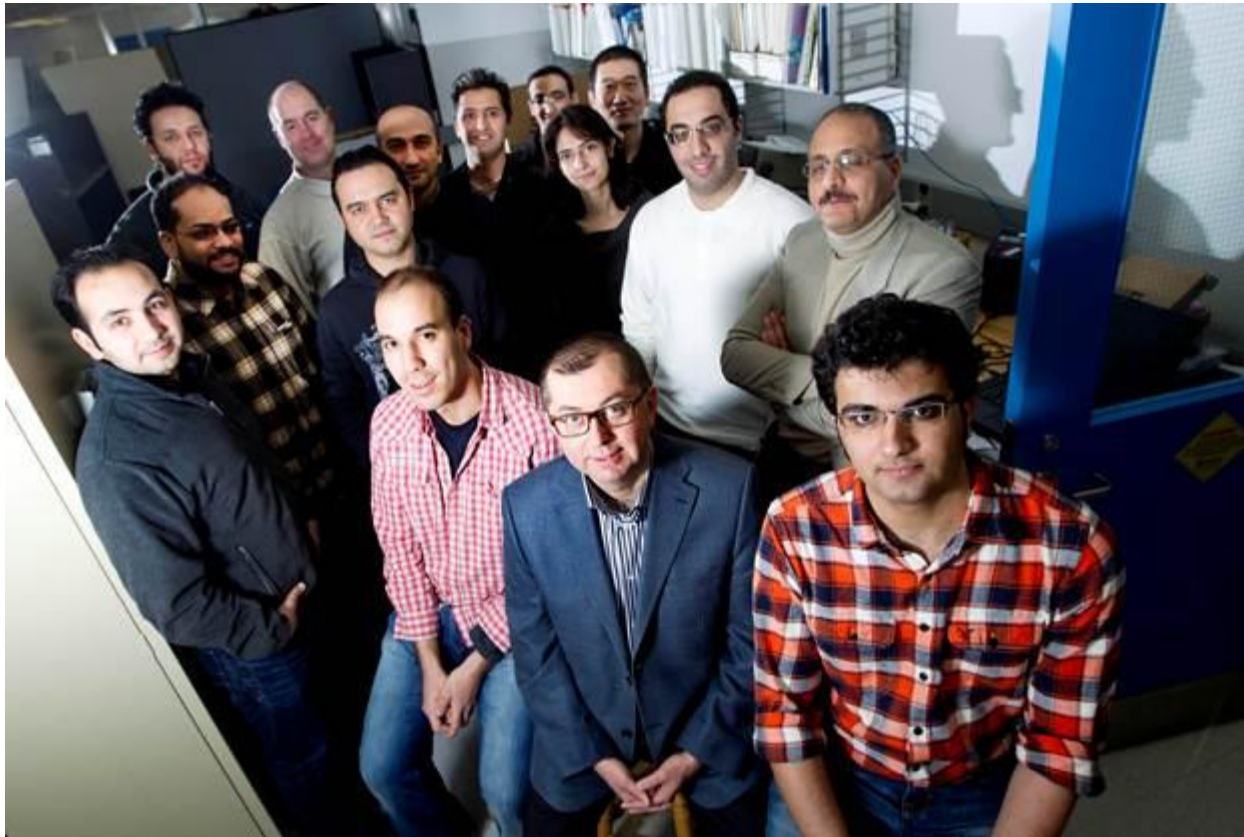
Cross-cutting themes

- Nanotechnology
- Innovation practices and initiatives

Other mechanisms:

- CAPES-DFAIT MOU
- Canada-Brazil Awards Joint Research Projects
- ISTP Canada
- Mitacs Globalink

The Origin of 4G Wireless: “WINNER”



Dr. Halim Yanikomeroglu, Carleton University

Cloud computing: “Cloud4All”

Dr. Jutta Treviarnus
OCAD University

Creating digital access for everyone



- Period of transition to Horizon2020 over the next few months
- Details on CFPs for societal challenges + Marie Curie Actions will be shared as unveiled
- AUCC will share through a new newsletter and the ERA-Can Plus website

ERA-Can Plus: project website



The screenshot shows the homepage of the ERA-Can website. At the top, there is a navigation bar with social media icons (Facebook, Twitter, LinkedIn), a search bar, and links for Home, Contact us, Français, and Site map. The main header features the ERA-Can logo, which includes a stylized green and blue globe with yellow stars, and the text "ERA-Can". Below the logo, it says "The European Research Area and Canada" and "L'Espace européen de la recherche et le Canada". The main heading is "Promoting Canada-EU Research". A blue navigation bar below the header contains three tabs: "Opportunities for Canadians", "Events", and "Assistance". On the left side, there is a vertical menu with links: "About ERA-Can", "Canadians in FP7", "ERA-Can Events", "European Funding", "Canadian Funding", "Newsletter", "S & T Policy", and "Resources and Links". The main content area is titled "Welcome to ERA-Can" and contains the following text: "ERA-Can encourages and facilitates Canadian researchers and research organizations to collaborate with European researchers under the Seventh Framework Programme." To the right of this text are two small images: "FP7 Guide for Canadians" and "2013 Calls Published". Below this is a section titled "Canadians in FP7" with a blue background and yellow stars. At the bottom, there is a green box with the text: "Seismic Oceanography: New application of old technology allows Dalhousie University scientist to track ocean mixing".

www.era-can.ca

Thank you



www.aucc.ca