



EUREKA 

innovation across borders

Innovation in Canada

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International Relations**

ITEA3-ARTEMIS CO-SUMMIT
Berlin, March 10, 2014

Committed to innovation

“To be successful in the highly competitive global economy, Canada must continue to improve its approach for developing high-quality, talented people, performing world-leading research and generating new breakthrough ideas. ”

– Canada’s Economic Action Plan

Why partner with Canada?

“The easiest place in the world to do business is Canada. [...] They make it easy to invest [...]. They have a great education program and a great immigration policy.”

– John Chambers, CEO, CISCO, excerpt from
a Financial Times interview published in February 2013

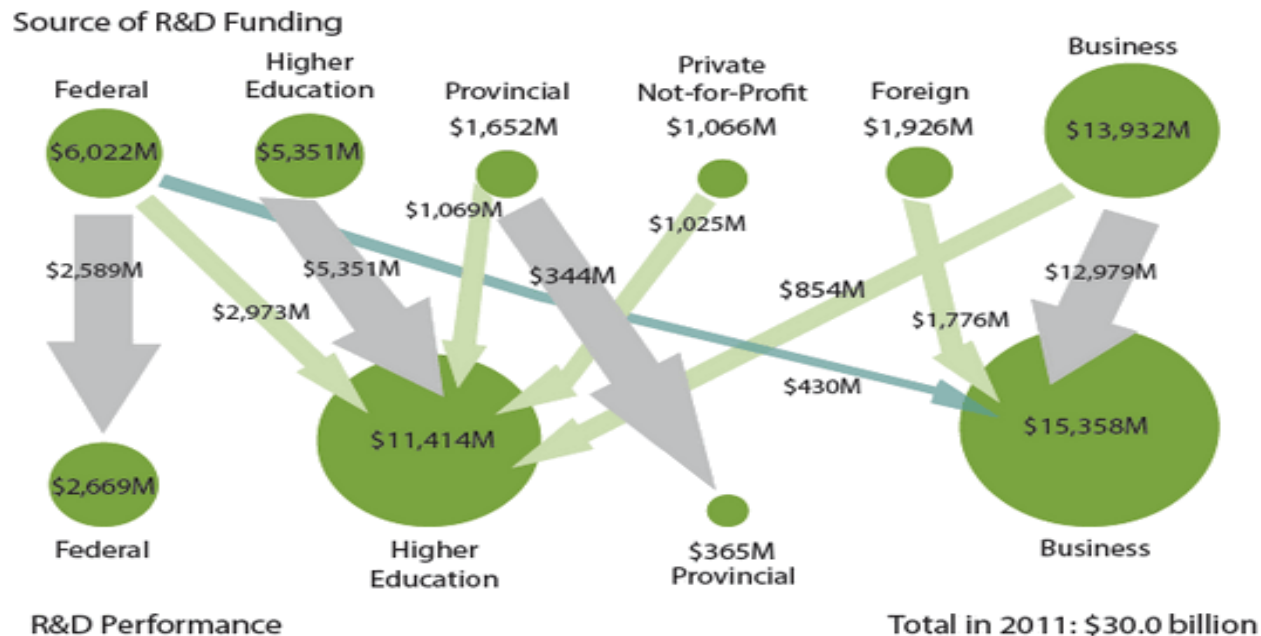


A vibrant and diversified economy



Strategic investment in innovation

The Canadian STI ecosystem is highly decentralized with stakeholders spread across the federal, provincial and municipal levels of government.



Industrial R&D strengths



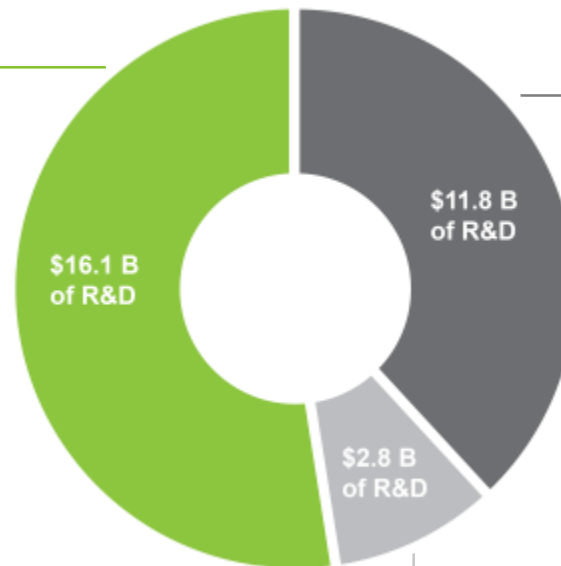
The Global Innovation
Index 2013
INSEAD

Industrial R&D spending

Business

- Product and process development
- Commercialize new knowledge

In absolute terms, Canadian businesses are the largest performer, as well as source, of R&D funding in Canada.



Higher Education

- Scientific discovery and publications
- Graduate and Post-graduate research

Nearly \$1B of R&D in higher education is funded by business and over \$1.1B from the private not-for-profit sector.

Government

- Policy and regulatory mandates
- Support to industry and academic partners

The federal government is second largest source of R&D funding (\$5.9B) and also performs R&D (\$2.4B, or about 8% of the R&D performed in Canada), with provincial government performing \$343M.

Total R&D Performed in Canada in 2012: \$30.7B

About NRC

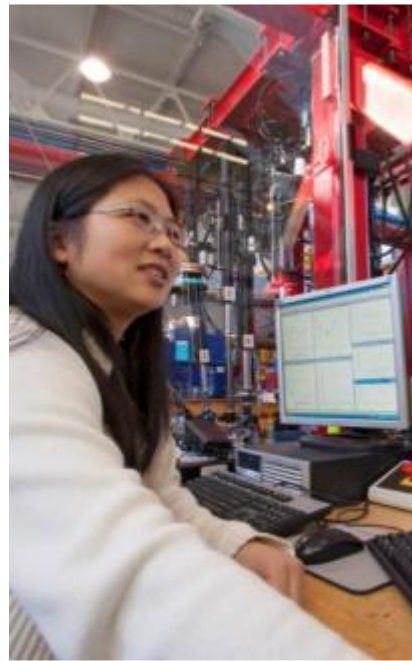
- 2013-14 budget: \$1B+, including \$283M for IRAP
- Over 3,600 employees and 650 volunteer and independent visitors
- Wide variety of disciplines and broad array of services and support to industry



NRC business lines



**Strategic
Research &
Development**



**Technical
Services**



**Industrial Research
Assistance
Program (IRAP)**



**Science
Infrastructure**

Industrial Research Assistance Program (IRAP)

- NRC helps support the innovation activities of SMEs
- An important client portal into NRC
- Key support for EUREKA



IRAP at a glance

- Since 1946
- **Presence:** 5 regions, 10 provinces, 124 locations
- **Services:** 10,000 clients
- **Funding:** 3,000 clients
- **Field Staff:** 240 ITAs, 10 CAs
- **Partner Organizations:** 204
- **Budget:** \$283M
- **Impact:** \$1 IRAP > \$10 Revenue

How IRAP funds projects

- Qualified Canadian SMEs
- Canadian organisations helping SMEs
- Canadian Accelerator and Incubator Program
- Youth Employment Program

IRAP - The fine print

Eligibility

- Canadian SME, incorporated and profit-oriented
- 500 employees or less
- Market driven innovation development in Canada

Funding

Non-repayable contributions on a reimbursable basis

- Contribution Agreements up to \$1M/year – up to 75% total of eligible project costs
- Salary costs - up to 100%, but typically not more than 80%
- Contractor fees - up to 75%, but typically not more than 50%
- International collaboration projects expenses – evaluated on a case-by-case basis
- **Overhead, materials, capital costs are not fundable**

EUREKA Canada – A network within a network



Building on strength



Proposed for label under ITEA3 Call 1

- Project name 14003 Medolution
- Project title: Medical care evolution

- Description: Big medical data analysis and decision support in the cloud, to support prevention, prediction and reduce time to treatment

- Project leader:
 - Frank van der Linden

- Canadian partner: Lora Kushner
 - Norima Consulting

- Call ITEA 3 Call 1
 - Start date
 - 01 Jan 2016
 - End date
 - 31 Dec 2018

- Challenge : [Healthcare](#)

- Leading International Industrial Technology Advisor in Canada: Patrick Sheedy, NRC-IRAP

Looking ahead with ITEA3

- Training on Eureka Clusters for Canadian SME's
Winnipeg, Canada, June 16-18
- Enhanced participation of Canadian firms to the annual PODays event
Brussels on Sept 22-23
- ITEA3 initiative in Canada (TBD) - 2015-2016





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