



EUREKA

An Exceptional Opportunity to extend Canadian company reach to Europe, Israel and South Korea

Johannes Larsen
Innovation Network Advisor,
NRC/IRAP

2013



National Research
Council Canada

Conseil national
de recherches Canada

Canada

EUREKA: 25+ years of R&D Support



EUREKA

Doing business
through technology

Raising the productivity and competitiveness of European businesses through technology. Boosting national economies on the international market, and strengthening the basis for sustainable prosperity and employment.

EUREKA is:

- An intergovernmental network coordinating industrial R&D support
- Financed using **national** and **regional** public and private funding
- Market oriented
(Research results must be a marketable product, process or service for civilian use)
- Bottom-up
(The participants – usually led by industry - decides on the project aim. There is no thematic restriction)

Since 1985, nearly 30 BILLION EURO of public-private investment has been mobilised to support some 4,000 EUREKA projects



EUREKA members and affiliates

*EUREKA has 40 full members;
two countries with transitional
status and **Canada** and South
Korea as associate countries*

Austria
Belgium
Bulgaria
Croatia
Cyprus
Czech Republic

Denmark
Estonia
European Union
Finland
France
FYR Macedonia
Germany
Greece
Hungary
Iceland
Ireland
Israel
Italy
Latvia
Lithuania
Luxembourg
Malta
Monaco
The Netherlands
Norway
Poland

Portugal
Romania
Russian Federation
San Marino
Serbia
Slovakia
Slovenia
Spain
Sweden
Switzerland
Turkey
Ukraine
United Kingdom

Transitional status:

*Albania
Bosnia-Herzegovina*

Associate countries:

*Canada
South Korea*



EUREKA Mechanisms

Individual Projects

- Small, shorter-term projects proposed, defined and managed by partners
- Involve participants from at least two EUREKA member and/or associate countries
- Mostly industry-led to result in a product, process or service with a significant advance in their sector
- Projects selected quarterly at EUREKA meetings, funded nationally, receive EUREKA label, may be organized under a thematic umbrella

Cluster Projects

- Public/private, medium term, strategically-significant initiatives (ICT, energy, biotech, water)
- Many participants, includes Europe's major companies
- Develop generic technologies/technology platforms of key importance to European competitiveness
- Projects selected by clusters according to a tech roadmap, via calls for proposals in targeted areas, funded nationally

Eurostars Projects

- Small, short-term projects, involving partners from at least two participating Eurostars countries
- Consortium leader is an R&D-performing SME
- Industry-led to result in a product, process or service with a significant advance in their sector
- Programmed jointly with the European Commission, projects selected by the EUREKA secretariat, funded nationally

Individual Projects - 2010

Participants of running
Individual projects
(*> 700 projects > 2600
participants*)

45% SMEs

18% Large Companies

19% Research
Institutes

16% Universities

3% National
Administrations

Running projects by
technological areas
(*% of projects*)

23% ICT

20 % Medical & Biotech

14% New Materials

11% Environment

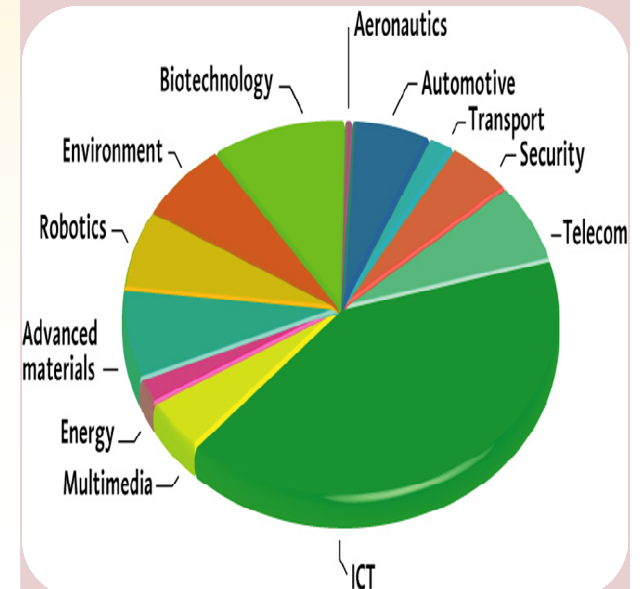
9% Robotics Production

8% Energy

8% Communications

7% Transport

Market Impact of
Technologies Developed



Current Clusters

ENERGY

- EUROGIA+ Initiative for Low-Carbon Energy Technologies

WATER

- ACQUEAU Growth and Innovation in Water

MANUFACTURING

- MF IND Manufacturing / High Added Value Production Systems

ICT

- CELTIC+ Telecom, new media, future Internet, apps & services for a new "Smart Connected World" paradigm
- CATRENE Application and Tech Research on NanoElectronics
- EURIPIDES Packaging & Integration of μ Devices & Smart Systems
- ITEA2 Software-intensive Systems and Services



Investment & Impact

- Investment by public sources and participants



- Over 25 years, 4000 projects, 30B€
 - 50%+ SMEs, 10%+ large firms, 30% research institutes / universities
- Projects from 1996-2003, finished by 2005
 - 28% higher sales and employment than what would have been without EUREKA.

Canada and EUREKA



Productivity and
competitiveness gains
through business
innovation /technology

- Canadian associate membership means
 - Preferred access
 - Canadians can lead individual projects and participate in EuroStars
 - Canada, via invitation, can participate in clusters
- EUREKA is a unique opportunity in terms of
 - track record and evolution
 - scope
 - focus on industry led R&D
 - access to multi-country multi-market strategic programs and initiatives
 - efficiency and effectiveness
 - domestic decision making
 - funding via existing programs



Canada and EUREKA



Benefits for Canadian industry...contributing to sustainable prosperity for Canada

- Canadian science, technology and industry remain world class, and internationally competitive
- Increased opportunity for market-oriented R&D and innovation projects and intelligence
- Enhanced access to complementary skills & technology
- Reduced or shared cost and risk in product, service or process development
- Demonstration and deployment of products
- Market opportunities via EUREKA partners
- EUREKA Effect: Increased sales, productivity and high quality jobs



NRC and EUREKA

- Houses the Canadian National EUREKA office
- Promotes Canadian engagement in EUREKA, with emphasis on target sectors and national priorities
- Coordinates EUREKA proposals
- NRC-IRAP serves as main mechanism to support and fund EUREKA SME participants
- Networks in Canada and with partners /national programs in EUREKA countries to identify and enable collaborative opportunities



More Information

Canada's National Office for EUREKA

1. High Level Representative: John McDougall, President, NRC
2. National Point of Contact: Melanie Cullins, Director, International Relations, Strategic & Operational Planning, NRC
 - Melanie.cullins@nrc-cnrc.gc.ca / +1 613 991 0917
3. National Point of Contact - SMEs: Bill Dobson, Director, Ontario Region, NRC Industrial Research Assistance Program
 - William.dobson@nrc-cnrc.gc.ca / +1 416 954-8330
4. Atlantic Point of Contact - SMEs: Johannes Larsen, INA, NRC Industrial Research Assistance Program
 - Johannes.Larsen@nrc-cnrc.gc.ca / +1 506-778-2832

EUREKA Websites

- Canada: <http://www.nrc-cnrc.gc.ca/eng/about/global/eureka.html>
- EUREKA: www.eurekanetwork.org
- Current Call with Israel: http://www.nrc-cnrc.gc.ca/eng/about/global/proposal_canada_israel.html

