

# Eureka / Eurostars Funding in Canada

Spring 2023



# THE NATIONAL RESEARCH COUNCIL CANADA (NRC)

1. National network of research centres performing research and technical services with partners
2. National funding program • the Industrial Research Assistance Program





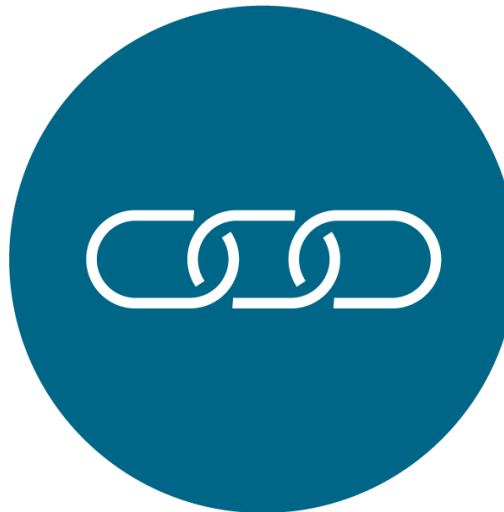
# Industrial Research Assistance Program • IRAP



**PROVIDE ADVICE,  
CONNECTIONS,  
AND **FUNDING****  
to help Canadian  
small and medium-sized  
businesses increase their  
innovation capacity and  
take ideas to market



**SERVE OVER 8,000  
CLIENTS ANNUALLY**  
(advisory services + funding)  
across all industry sectors  
and fund over 3,000 clients



**LINK INNOVATIVE  
CANADIAN SMEs TO  
GLOBAL VALUE CHAINS**  
and support their growth  
by providing access to  
current technology and  
business market intelligence  
on priority industry sectors



**SUPPORT YOUTH**  
with employment  
programs

# IRAP- Helping SMEs succeed globally

## CONNECT CANADIANS SMEs TO GLOBAL VALUE CHAINS

- Large enterprise initiative
- Sector teams
- Tools to support international growth
- Partners Search

## PROGRAMS

- International Co-innovation Action Plan
- Eureka Network, Eurostars, Clusters
- Canadian International Innovation Program
- Bilateral Calls
- CanExport





Leading  
platform for  
**international  
cooperation<sup>1</sup>**



Intergovernmental  
network



Supporting  
**market-oriented<sup>2</sup>**  
**R&D  
projects**



Facilitating  
access to  
**national  
funding<sup>3</sup>**

1. Each project has at least two participants from two different Eureka countries
2. Expected market entry within two years post-project
3. It is not Eureka which provides funding, it is the National Funding Authorities from Eureka member countries



# Who can participate in Eureka projects?



SME



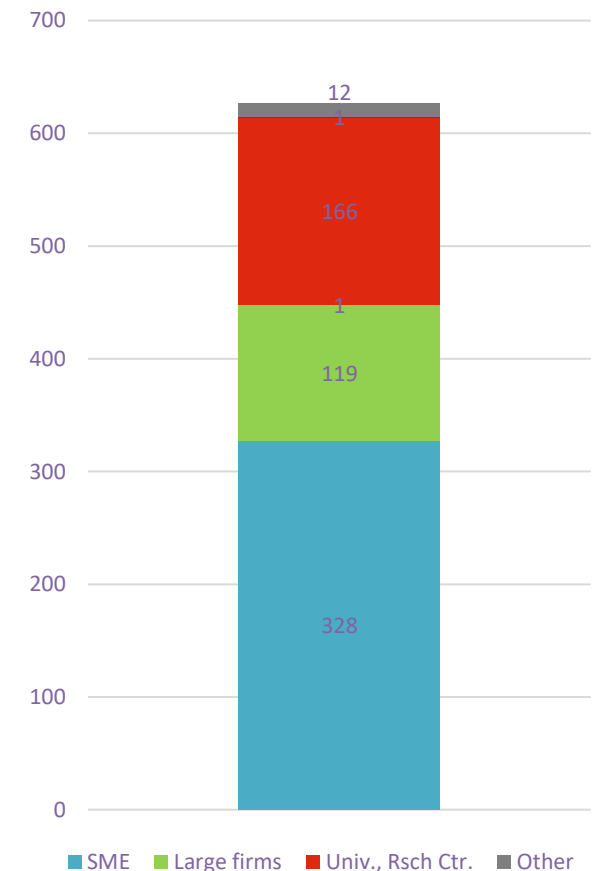
Large firms



Universities /  
Research  
Centers

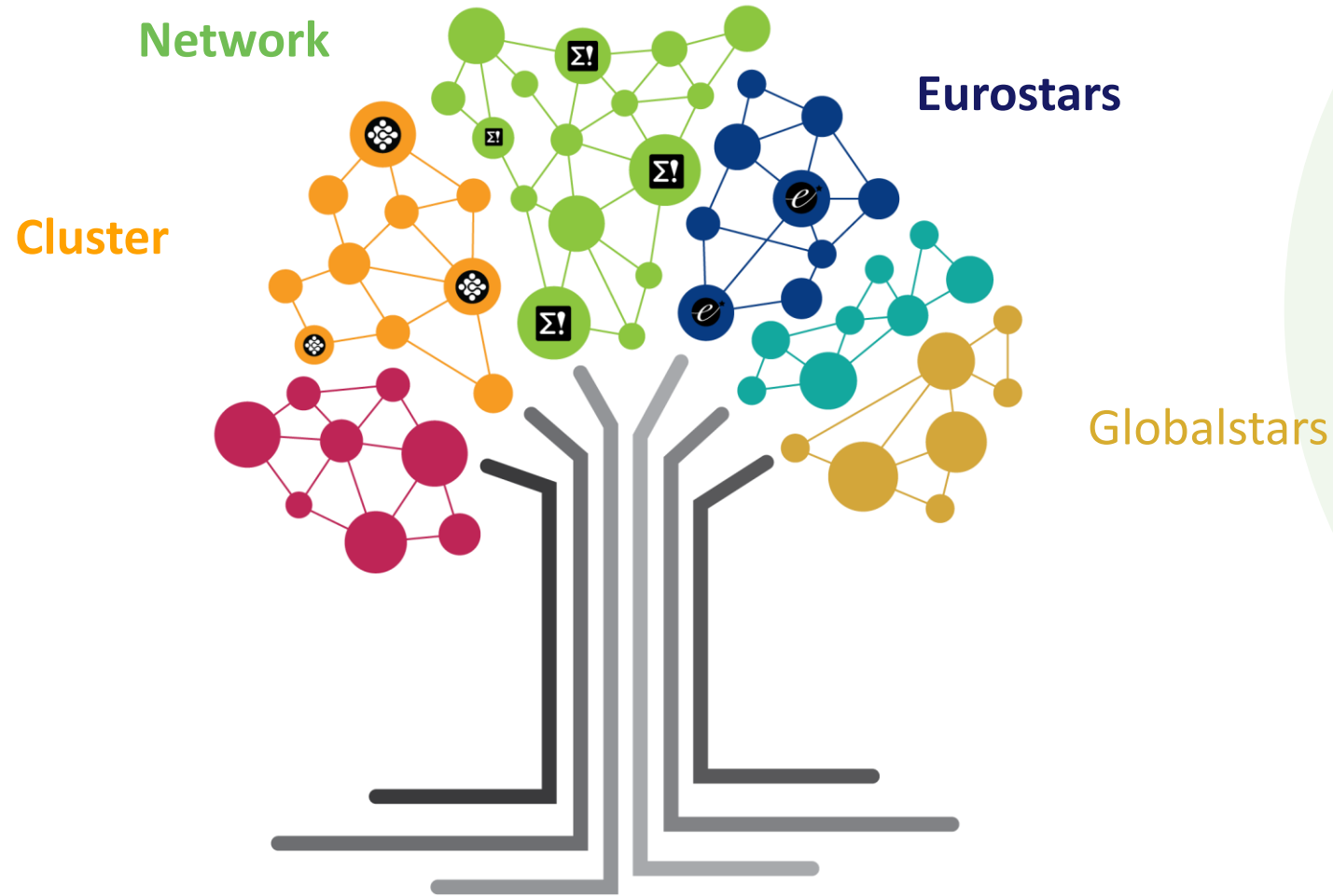
› 'Participate' does not necessarily mean 'Government-Funded'

Foreign project partners  
to CAN projects 2013-20





# Eureka Project types (“Instruments”)



# Eurostars-3

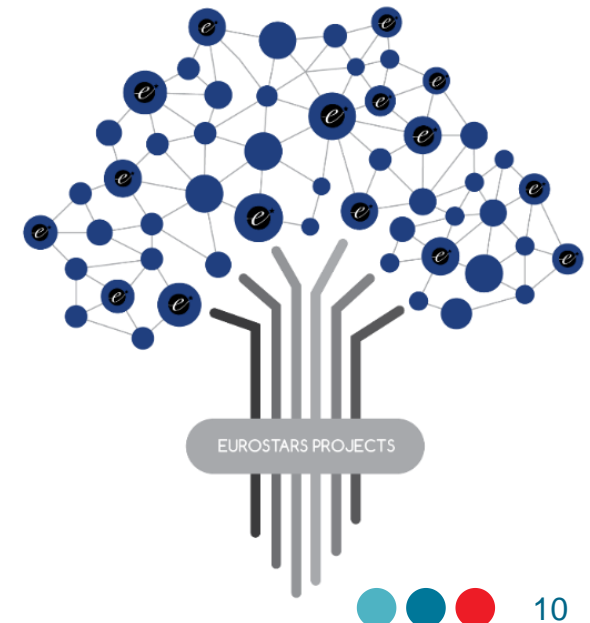
## Part of the European Partnership on Innovative SMEs

- **All sectors** (civilian-)
- **Typically 2-4 participants**, avg.total cost €1.4M.
- **Semi-annual Calls** (Spring, Fall). **Next : 14 Sept. 2023**
- **>30 Eureka countries with budget; Always grant-type**
  - **Canada: Yes (SME, grant-type)**
  - **Spain: Yes (SME, grant-type)**
- Central evaluation; **Fast decision** (3-4 months)
- **Favourite in many European countries**

EUROPEAN  
PARTNERSHIP

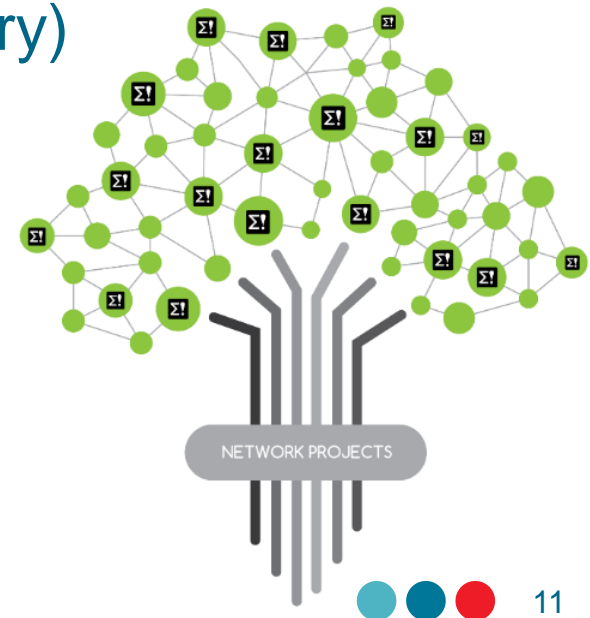


Co-funded by  
the European Union



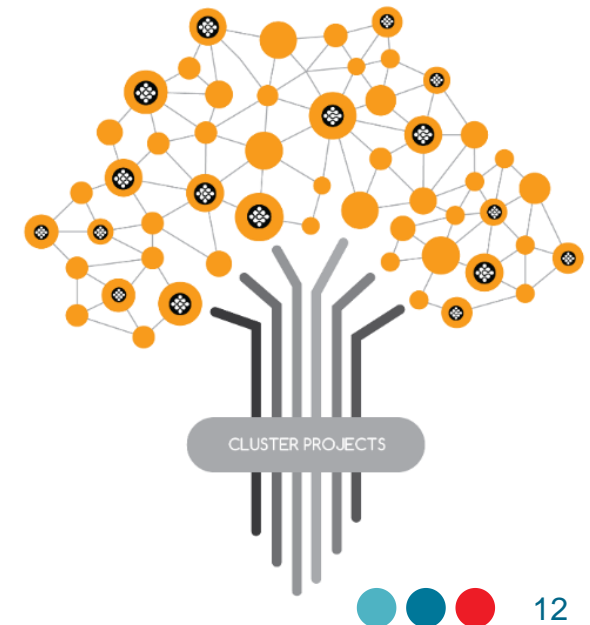
# Eureka Network

- **All sectors** (civilian-)
- **Typically 2-4 participants**
- **Calls** (national, bilateral, multi; thematic or not)
  - E!Network Canada Calls (partners from any Eureka country)
- Funding varies per country
  - Canada: Yes (SME; grant-type)
  - Spain: Yes (industry; soft loan)
- Decentralized evaluation (by countries in a given project)



# Eureka Clusters

- **Specific verticals:** Software (ITEA), Electronics (Xecs), Telecom (CELTIC), Advanced Manufacturing (SMART), Low-carbon Tech. (Eurogia)
- **Typically 5-15 participants**
  - Typically with at least one large firm (ex. Airbus)
- Funding varies per country
  - Canada: Yes (all clusters; SME, grant-type)
  - Spain: Yes (all clusters; see w/CDTI)
- Central evaluation – then national applications and evaluations
- Annual or semi-annual calls



# Eligibility criteria

## 1. The Project – Program & Call rules

- › Program rules (Eureka, Eurostars, etc.)
  - › e.g. No participant or country is responsible for >70% of total project budget;
- › Specific Call rules (e.g. Canada-Spain Call for industrial projects.)
  - › <https://nrc.canada.ca/en/irap/about/international/>

## 2. The Participant – National Funding rules

- › Organisations that may be funded;
- › Activities that may be funded;
- › Funding rates and thresholds.
  - › <https://nrc.canada.ca/en/support-technology-innovation>

# NRC IRAP Funding

## International co-development projects



*Canadian SMEs that  
pursue growth through  
technology innovation*

### Eligibility – IRAP portfolio firms

- › Inc., for profit SMEs,  $\leq 500$  employees
- › Pref.: 15+ employees, \$500,000+ annual revenue
- › Project selected through competitive Call

### Funding

- › Non-refundable (grant-type)
- › Reimbursement of eligible costs, typically monthly
- ›  $\leq 50\%$  project costs (R&D salaries, Contractors)
- › 500,000 \$ max. for Eureka/Eurostars projects
- › One IRAP INT project at a time

# Eureka Funding in Canada

## Universities, Research Centers, large firms, non-profits?



*IRAP will provide  
guidance to all  
Canadian participants*

- › Must be “self-funded”
- › May be **contractor** for IRAP-funded SME
  - › Gets funded 100%, instead of partially
  - › Accomplishes **technology transfer** targets
- › May receive funding from other programs
  - › Other programs may not know Eureka
  - › Engagement to deliver regardless



# Canada-Spain Eureka Projects Track Record

	Eureka Clusters	Eurostars	Eureka Network	Total
Number of Projects	18	2	15	35
Canadian Partners	39	2	15	56
Spanish Partners	53	2	17	72
Project Budget (M€)	211	4	14	229



# E! ITEA : CyberFactory#1

## Opportunities and threats for the Factory of the Future

- Canada, Finland, France, Germany, Portugal, Spain, Türkiye
  - Project lead: Airbus CyberSecurity SAS (France)
  - **Spain:** Airbus Defence & Space; Eneo Tecnología. S.L; PAL Robotics; S21Sec; Trimek
  - **Canada:** Bluewrist Inc. (IRAP funded)
  - 2018-2022; Est. total project cost : 24,6 M€; <https://www.cyberfactory-1.org/>
- ITEA Award of Excellence 2022 for Business impact



***“(...) new cybersecure solution for device life cycle management or new process for aircraft structural components assembly. (...) Around 150 M€ additional revenues for the project partners in 2025”***

# Eureka Canada – Calls & contact

## Eureka website - Canada page

- [www.eurekanetwork.org/countries/canada/](http://www.eurekanetwork.org/countries/canada/)

## NRC IRAP International Opportunities

- Calls details: [nrc.canada.ca/en/irap/about/international/](http://nrc.canada.ca/en/irap/about/international/)
- Call updates: [nrc.canada.ca/en/subscribe/](http://nrc.canada.ca/en/subscribe/)

## Contact

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EUREKA / Eurostars - Canada

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