

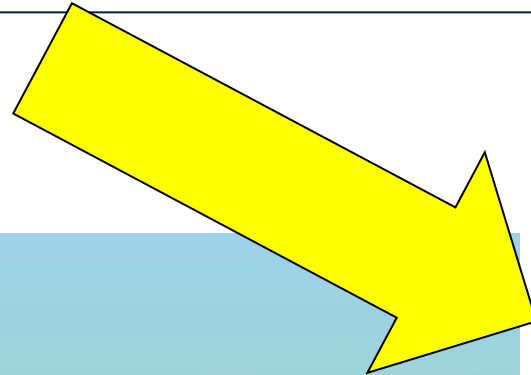
Horizon Europe Pillar I

Canada & Horizon Europe:
Bottom-up researcher mobility opportunities



Presentation by EURAXESS North America
November 16th, 2023

Access ERD 2023 presentations



Access PDF
of this presentation



SCAN ME

bit.ly/ERD_23

Horizon Europe



SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*

Exclusive focus on civil applications



Pillar I EXCELLENT SCIENCE

European Research Council

Marie Skłodowska-Curie

Research Infrastructures



Pillar II GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

Clusters

- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre



Pillar III INNOVATIVE EUROPE

European Innovation Council

European Innovation Ecosystems

European Institute of Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

ERC grants: Over €16 billion (CAD \$23.8 billion) – 17% of whole budget

ERC grant schemes



Starting Grants

Starters (2-7 years after PhD)
Up to €1.5 million for 5 years

CAD \$2.2 million

Minimum 50% of PI time
working in EU MS / HE AC

Min. 50% time on project

CAD \$3.0 million

Min. 50% time in
Europe

Min. 40% time on
project



Consolidator Grants

Consolidators (7-12 years after PhD)
Up to €2 million for 5 years



Advanced Grants

Track-record of significant research achievements
in the last 10 years
Up to €2.5 million for 5 years

CAD \$3.7 million

Min. 50% time in
Europe

Min. 30% time on
project

CAD \$14.8 million

Min. 30% time on
project



Synergy Grants

2-4 Principal Investigators up to €10.0 million for 6 years
1 PI can be based outside EU/Associated Countries



Proof-of-Concept

Bridging gap between research - earliest stage of marketable innovation
lump sum €150,000 for ERC grant holders

CAD \$223,000

Proposals are evaluated on the
sole criterion of scientific excellence

ERC resources

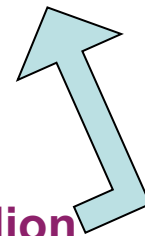


- European ERC NCPs
- ERCEA
 - “ERC Classes” YouTube video playlist
- EURAXESS North America
 - Our ERC YouTube video playlist

MSCA fellowships and other actions



CAD \$9.8 billion




Researchers' training, skills, and career development (all stages of career)


Excellent research in all domains (bottom-up approach)


International, cross-sectoral & interdisciplinary mobility


Attractive working and employment conditions


Structuring impact on organizations through excellent programs


Strong collaboration with industry and SMEs

- MSCA budget under Horizon Europe: **€6.6 billion**
- **Excellent Science (Pillar 1):** reinforcing and extending the excellence of the EU's science base
- **Worldwide** geographic coverage

- Evaluation criteria: **excellence, impact, quality** and **efficiency** of the implementation

Canada in MSCA



Action Type	Num. Projects	Num. Distinct Organisations	Num. Organisation Participations	Num. Researchers
DN	12	12	12	0
ID	2	2	2	0
JD	1	1	1	0
GF	22	17	22	22
SE	18	16	23	0
COFUND-D	5	6	6	0
COFUND-P	1	1	1	0
TOTALS	61	41	67	22

Numbers above are projects signed, closed, terminated and under preparation

41 distinct organizations participating 67 times in 61 projects

93 distinct organizations participating 406 times in 382 proposals (includes PF 2023)

Success rate: 15.97% (signed projects, avg. 11.58%)

22 researchers going to Canada (only PF)

24 researchers with Canadian nationality (only PF)

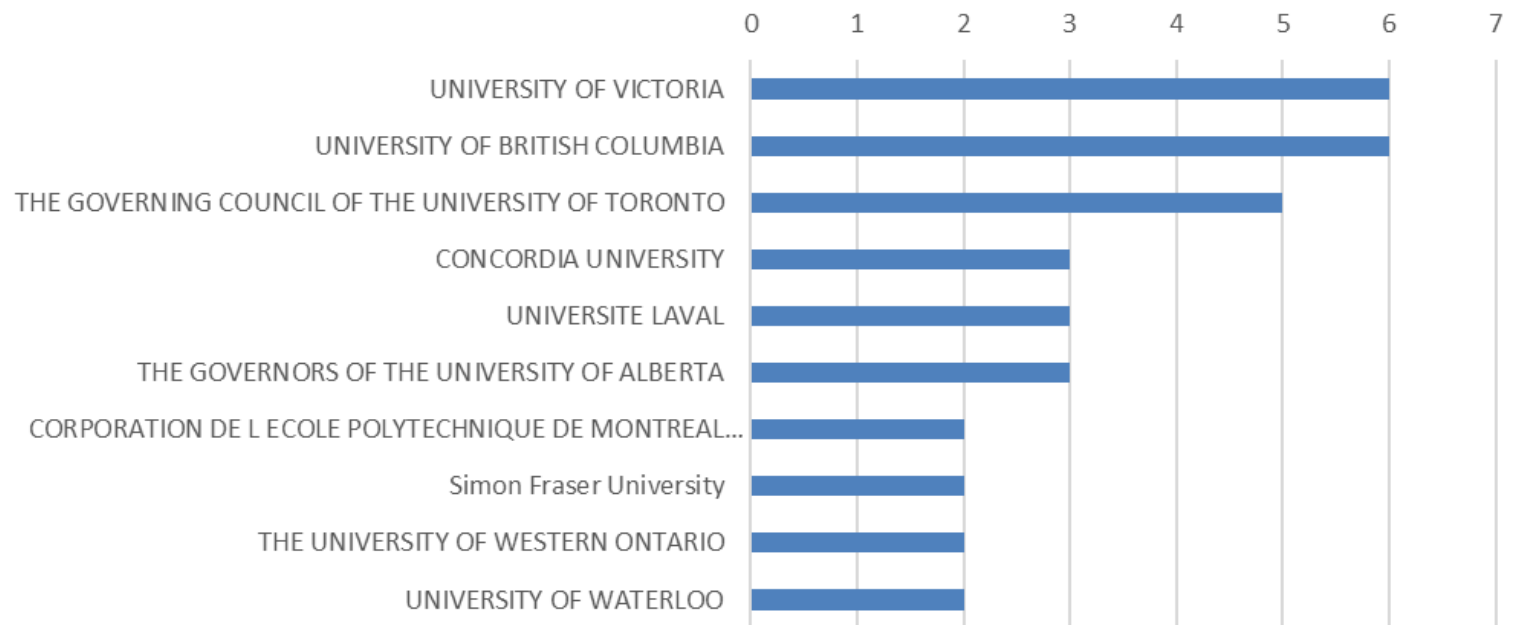
Canada among third countries: #3 proposals, #3 signed projects, #4 organisations,

#3 participations, #3 researchers hosted, #9 researchers

Canada in MSCA



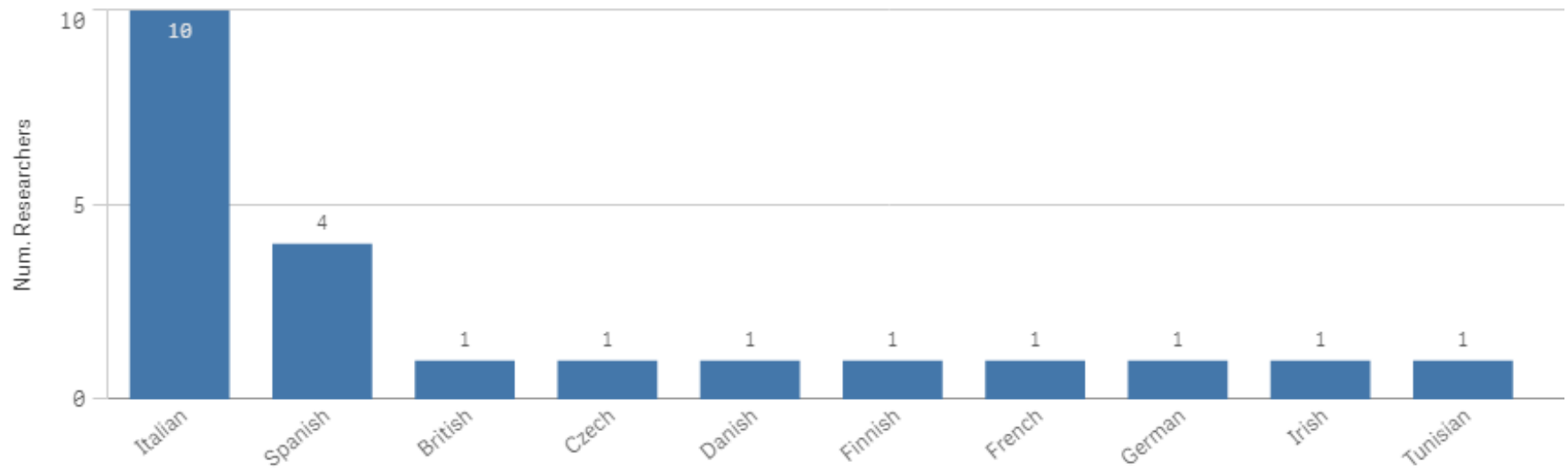
Top 10 organisations by participations



Canada in MSCA



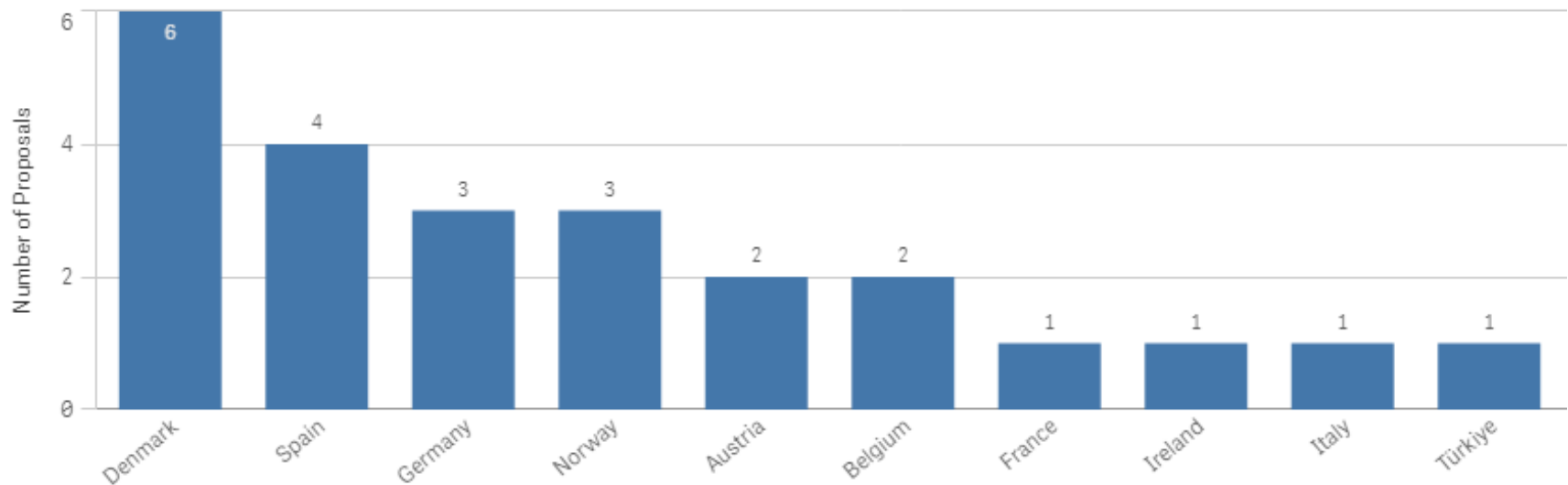
Researchers by Nationalities



Canada in MSCA



Proposals by Organisation Country (Country of Coordinator Organisations)



MSCA resources



- European MSCA NCPs
- Marie Curie Alumni Association - North America Chapter
- MSCA Global Fellows
 - 22 in Canada currently
- EURAXESS North America MSCA YouTube video playlist

Additional resources



- EU's "[Co-funding Mechanism Guide](#)"
 - Canada information begins on page 8
- EU's "[How and Why to Participate in Horizon Europe](#)" guide
- Jean Monnet Centers of Excellence in Canada
 - Jean Monnet Actions promote excellence in teaching and research in the field of European studies, enhancing understanding and knowledge of the EU and its policies



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Thank you!

