



INTERNATIONAL COOPERATION IN HORIZON EUROPE



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European
Commission



EU-Canada R&I cooperation

Policy context

- EU-Canada Summit (June 2021)
- 16th EU-Canada Joint Science and Technology Cooperation Committee (October 2022)
- 2020 and 2022 Horizon Global Platform & New Frontiers Research Fund (co-funding mechanism by Canada)
- Possibility of Association



Horizon Europe supports the implementation of the global approach to research & innovation

HORIZON EUROPE // 2021 - 2027 // €95.5 billion

- ✓ A unique international R&I funding programme of such scale and scope
- ✓ Targeted actions with key partners
- ✓ Accelerate sustainable development in low & middle-income countries
- ✓ Association possible for countries anywhere in the world, based on criteria



International Cooperation in R&I

Global approach to Research and Innovation

Guiding principles:

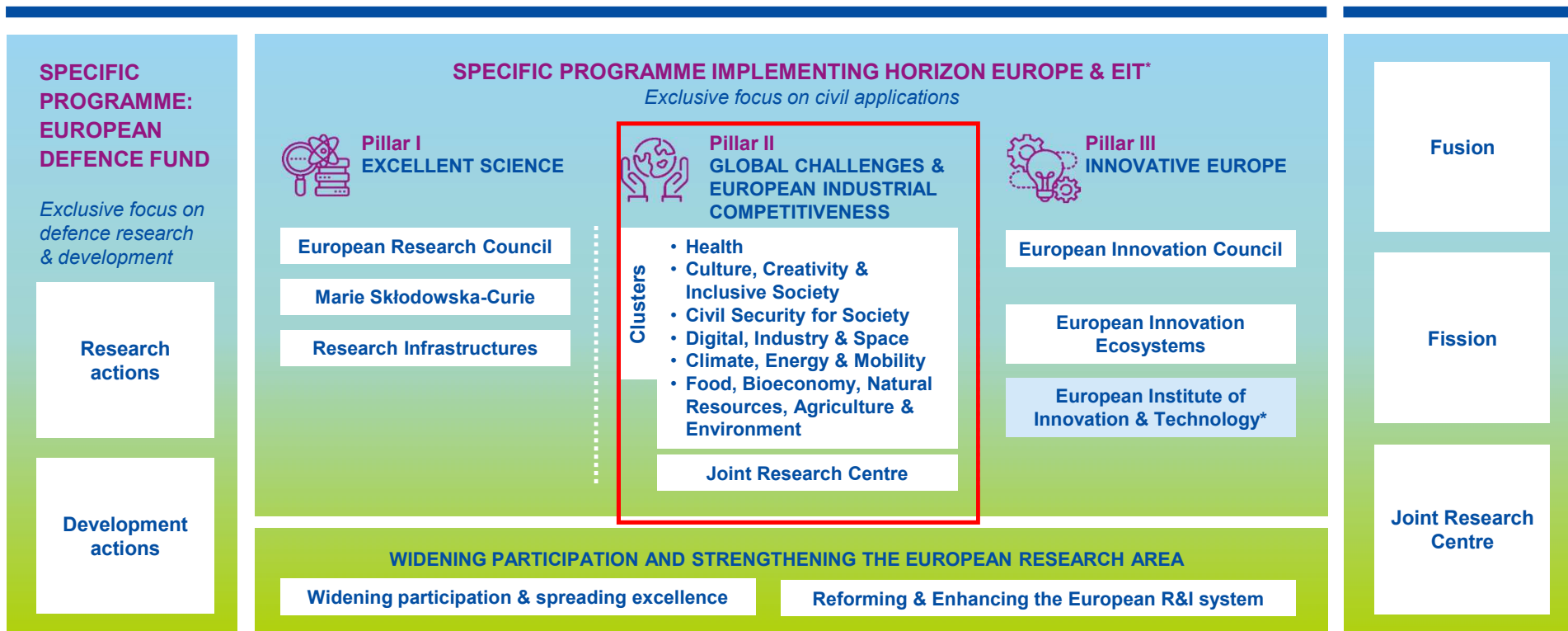
- ✓ Commitment to openness
- ✓ Values & Principles
- ✓ Pursuit of a level playing field and reciprocity
- ✓ Pool global efforts to tackle global challenges



International Cooperation in Horizon Europe

HORIZON EUROPE

EURATOM



* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme



International Cooperation

International Cooperation

Tackling together **global challenges**; access to the **world's best talents**, expertise and resources; enhanced supply and demand of **innovative solutions**

- Intensified targeted actions
- Strengthened support to multilateral cooperation
- Openness to international participation balanced with the promotion of EU strategic autonomy

Association to Horizon Europe

- Third countries with good capacity in science, technology and innovation
- Taking into account objective of driving economic growth in Europe through innovation



International Cooperation in Horizon Europe

Openness

- ✓ Horizon Europe 'by-default' open to almost all countries
 - Any consortium can include 3rd country partners
 - ✓ Non-discriminatory: researchers and innovators of any nationality can apply for grants (MSCA, ERC...)
 - ✓ Association to the programme:
 - 16 Countries associated to HE: **Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, Georgia, Iceland, Israel, Kosovo, Moldova, Montenegro, North Macedonia, Norway, Serbia, Tunisia, Turkey, Ukraine**
 - In the process of Association: **Morocco, UK**
 - Negotiations under way: New-Zealand, Canada
- [list-3rd-country-participation_horizon-euratom_en.pdf](#)



International Cooperation in Horizon Europe

Access to Horizon Europe funding

- ✓ Automatically eligible for EU funding (“Beneficiaries”)
 - Low- and middle-income countries (see [list](#)).
 - Countries associated to Horizon Europe
- ✓ Non-associated third countries not eligible for EU funding (“Associated partners”)
 - Exceptions on a case-by-case basis + specified in topic calls
- ✓ Co-funding mechanisms
 - E.g. Canada, Monaco, China, Switzerland, India... ([Guide CFM](#) on F&T Portal)



International Cooperation in Horizon Europe

Targeted international cooperation actions

- Flagging of call topics specifically relevant for international cooperation in the work programmes, e.g. in
 - Strategic thematic areas (topics)
 - Geographical areas (countries/regions)
 - Multilateral initiatives
 - Collaboration with key partners
- WP 23-24: 22% INCO flagged topics ; see F&T [Portal](#) – filter for international cooperation, Africa, Mediterranean



International cooperation in Horizon Europe

Main features

Association to Horizon Europe

- Categories of third countries
 - a) EFTA members that are members of European Economic Area
 - b) Acceding, candidates and potential candidates
 - c) European Neighbourhood Policy countries
 - d) Third countries (i) with good STI capacity; (ii) with commitment to a rules-based open market economy, including fair and equitable dealing with IPR, respect of human rights, backed by democratic institutions; (iii) that promote policies to improve the economic and social well-being of citizens



International cooperation in Horizon Europe Work Programme 2023-2024

Pillar I: MSCA and ERC - Individual grants/beneficiaries

Marie Skłodowska-Curie Actions

- Doctoral Networks
- Staff Exchanges
 - address inter-sectoral, *international* and interdisciplinary mobility
- Global Fellowships
 - 1 - 2 years in non-associated third country + 1 year return phase to EU or associated country
 - Open to EU or associated country nationals or long-term residents

European Research Council

- ERC research teams include researchers of nationalities from all over the world



International cooperation in Horizon Europe Work Programme 2023-24 – Pillar II

	Topics total	Topics (ex Other Actions)	International cooperation encouraged	%
Cluster 1: Health	53	44	7	16%
Cluster 2: Culture, creativity and inclusive society	66	56	15	27%
Cluster 3: Civil Security for Society	44	42	9	21%
Cluster 4: Digital Industry and Space	159	130	22	17%
Cluster 5: Climate, Energy and Mobility	219	191	38	20%
Cluster 6: Food, Bioeconomy, Natural resources, agriculture, and environment	189	179	51	28%
	730	642	141	22%



Horizon Europe Work Programme 2023-2024

Topics targeting cooperation with Canada

Cluster 4 – Digital, Industry and Space

- Technologies/solutions to support circularity for manufacturing (Made in Europe Partnership)
- Earth Observation platform, products and services for raw materials
- Efficient trustworthy AI - making the best of data (AI, Data and Robotics Partnership)
- Support facility for digital standardisation and international cooperation in digital partnerships
- Explainable and Robust AI (AI Data and Robotics Partnership)



Horizon Europe Work Programme 2023-2024

Topics targeting cooperation with Canada

Cluster 5 – Climate, Energy & Mobility

- Further climate knowledge through advanced science and technologies for analysing Earth observation and Earth system model data
- Climate sciences and responses - Broadening the range of policy options in transition pathway analysis
- Inland ice, including snow cover, glaciers, ice sheets and permafrost, and their interaction with climate change
- Development of smart concepts of integrated energy driven bio-refineries for co-production of advanced biofuels, bio-chemicals and biomaterials
- DACCS and BECCS for CO2 removal/negative emissions
- Contribution to the International Renewable Energy Agency (IRENA)
- Contribution to the International Energy Agency (IEA) – Energy Efficiency Hub (EE HUB)



Horizon Europe Work Programme 2023-2024

Topics targeting cooperation with Canada

Cluster 6 – Food, Bioeconomy, Natural Resources, Agriculture & Environment

- Microbiomes fighting food waste through applicable solutions in food processing, packaging and shelf life
- Microbiome for flavour and texture in the organoleptic dietary shift
- Tackling human and climate change induced pollution in the Arctic - building resilient socio-ecological systems
- Ocean and coastal waters carbon- and biodiversity-rich ecosystems and habitats in Europe and the Polar Regions
- Participation and empowerment of Arctic coastal, local, and indigenous communities in environmental decision-making
- Supporting the All-Atlantic Ocean Research and Innovation Alliance and Declaration



International cooperation in Horizon Europe Multilateral initiatives

Green Transition

- Mission Innovation
- All Atlantic Ocean Research Alliance
- Arctic research
- International Bioeconomy Forum (IBF)
- Group on Earth Observation (GEO)

Global Health: Engaging with Canada on multi-lateral initiatives, e.g.

- International Rare Diseases Research Consortium,
- Global Alliance for Chronic Diseases,
- International Human Epigenome Consortium,
- International Initiative for Traumatic Brain Injury Research etc.)



Horizon Europe How to Participate?

- **Team up with multi-beneficiary consortia**
 - To enhance the EU added value, promote cooperation between organisations in different countries, reinforce the quality of applications and ensure fair competition and equal opportunities
- **Focus on collaborative research** - typically among participants from at least three countries (at least 1 partner from an EU MS and at least 2 additional partners from 2 other different countries coming either from EU MS and/or AC. In many cases, a consortium with more than 3 partners is expected.
- **Finding the right partners is key** – the Commission provides a dedicated tool for this:
 - **Funding & Tenders** Portal: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/partner-search>

Follow the EU Funding & Tenders portal



Funding & tender opportunities
Single Electronic Data Interchange Area (SEDIA)

English

Register Login



SEARCH FUNDING & TENDERS

HOW TO PARTICIPATE

PROJECTS & RESULTS

WORK AS AN EXPERT

SUPPORT

Horizon Europe (HORIZON)

clear filter

Type your Keywords...



Match whole words only

GRANTS

TENDERS

Submission status



Forthcoming (363)



Open for submission (194)



Closed

Programming period

Select a Programme period...



Horizon Europe (HORIZON)



Funding and tenders (557)

Need help?



Sort by:

Submission status

Grant **ERC PROOF OF CONCEPT GRANTS1**

Open for submission

Programme Horizon Europe (HORIZON)

Deadline model single-stage

ID ERC-2022-POC1

Opening date 15 July 2021

Types of action HORIZON ERC Proof of Concept Grants

Deadline date 14 October 2021 17:00:00 Brussels time

Grant **ERC Synergy Grants**

Open for submission

Programme Horizon Europe (HORIZON)

Deadline model single-stage

ID ERC-2022-SyG

Opening date 15 July 2021

Types of action HORIZON ERC Synergy Grants

Deadline date 10 November 2021 17:00:00 Brussels time

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European Innovation Council: <http://ec.europa.eu/research/eic>

European Research Council: <https://erc.europa.eu/>

Funding & Tenders portal: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/horizon>





International cooperation in Horizon Europe Work Programme 2021-2022 Contribution to key multilateral initiatives



& others ...





Thank you!

For more info:

- European Commission Communication on the Global Approach to research and innovation: https://ec.europa.eu/commission/presscorner/detail/en/ip_21_2465
- Horizon Europe: https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe_en
- European Commission's website on international R&I cooperation: https://ec.europa.eu/info/research-and-innovation/strategy/international-cooperation_en

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