Horizon Europe: A general Introduction

International Service Facility of the EC
SF(28) "EU-Australia & New Zealand Policy Support"
Implemented on behalf of the European Commission and in close cooperation with EURAXESS Australia and New Zealand

The specific objective is to help promoting possibilities for R&I cooperation in the major thematic areas identified as priorities in the respective countries.

Analysis of the alignment of priorities between the EU, Australia and New Zealand on the R&I issues concerning the European Green Deal and the Digital Age as well as Health and Innovation.

Prepare and implement a series of events for the promotion of Horizon Europe through EU info sessions and proposal writing workshops.
● thematic workshops will contribute to define concrete cooperation actions for specific thematic priority
● networking and twinning events will offer targeted support to individual stakeholders and institutions and their intended research and innovations actions
Targeted actions to support Research and Innovation Cooperation

| HEU Launch Event Australia & New Zealand (already implemented by EURAXESS) | Horizon Europe Info Days for both Australia & New Zealand | Proposal Writing Camps for both Australia & New Zealand |
Hands-on practical training, which will involve both information and practical work directly with researchers and innovators on the preparation of key sections of project proposals.

Sessions will alternate between information and specific guidance on a key area of a project proposal.

Practical work (trainings, consultations) on preparing draft sections of a proposal.
The Horizon Europe Proposal Writing Camp for Australia here will take place on the **6th of October 2021 from 5 to 8 pm (AEDT)**

- A maximum of 20 participants will be selected.
- We will split the camps in overview presentations for all 20 participants, and group work in two groups with maximum 10 participants
- Registration is possible here: [https://proposalwritingcampastralia.service-facility.eu/](https://proposalwritingcampastralia.service-facility.eu/)
- A Follow Up Session after the Camp will be offered
Horizon Europe: A general Introduction
The Vision

The EU’s key funding programme for research and innovation:

- Tackles climate change
- Helps to achieve the UN’s Sustainable Development Goals
- Boosts the EU’s competitiveness and growth
- Facilitates collaboration and strengthens the impact of research and innovation in developing, supporting and implementing EU policies while tackling global challenges
- Supports the creation and better diffusion of excellent knowledge and technologies
- Creates jobs, fully engages the EU’s talent pool, boosts economic growth, promotes industrial competitiveness and optimises investment impact within a strengthened European Research Area.

Credits: https://www.un.org/sustainabledevelopment/sustainable-development-goals/
While benefiting from world-class research and strong industries... Our knowledge and skills are our main resources.

6% of the world's population

17% of global R&D

25% of all high-quality scientific publications

1.5% EU business R&D investment

EU figure is for 2019
Figures for USA, Japan, China and South Korea are for 2018. Figures represent R&D as % of GDP

Europe can do better at transforming this into leadership in innovation and entrepreneurship.
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
General openness to international participation

- Entities from all over the world can take part in collaborative R&I projects
- Researchers and innovators of any nationality can apply for grants
- Entities from most low-middle income countries are automatically eligible for funding

Targeted international cooperation actions

- Actions specifically relevant for international cooperation
- Targeted actions with key partners on specific thematic areas
Key figures

200+ actions specifically relevant to international cooperation (ca. 1 in 5 total)
75 actions targeting cooperation with specific countries or regions
30 actions contributing to key multilateral initiatives
€3B+ total EU contribution to international cooperation actions
WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

- Widening participation & spreading excellence
- Reforming & Enhancing the European R&I system

**Pillar I**
EXCELLENT SCIENCE

- European Research Council
- Mare Skłodowska-Curie
- Research Infrastructures

**Pillar II**
GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

- 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
International cooperation in Horizon Europe Work Programme 2021-2022

Pillar I: MSCA and ERC

**Marie Skłodowska-Curie Actions**

- Doctoral Networks
- Staff Exchanges
  - address inter-sectoral, *international* and interdisciplinary mobility
- Global Fellowships

**European Research Council**

- ERC research teams include researchers from all over the world
International cooperation in Horizon Europe Work Programme 2021-2022

Pillar II

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WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

- Widening participation & spreading excellence
- Reforming & Enhancing the European R&I system
Global Challenges & European Industrial Competitiveness

boosting key technologies and solutions underpinning EU policies & Sustainable Development Goals (6 clusters and JRC – non-nuclear direct actions)

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

€53.5 billion
## International cooperation in Horizon Europe Work Programme 2021-2022

### Pillar II: Budget for clusters

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<th>Budget (in current prices)</th>
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<td>Health</td>
<td>€8.246 billion (including €1.35 billion from NGEU)</td>
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<td>Cluster 2</td>
<td>Culture, Creativity &amp; Inclusive Societies</td>
<td>€2.280 billion</td>
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<td>Cluster 3</td>
<td>Civil Security for Society</td>
<td>€1.596 billion</td>
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<td>Cluster 4</td>
<td>Digital, Industry &amp; Space</td>
<td>€15.349 billion (including €1.35 billion from NGEU)</td>
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<td>Cluster 5</td>
<td>Climate, Energy &amp; Mobility</td>
<td>€15.123 billion (including €1.35 billion from NGEU)</td>
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<tr>
<td>Cluster 6</td>
<td>Food, Bioeconomy, Natural Resources, Agriculture &amp; Environment</td>
<td>€8.952 billion</td>
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*in current prices*
WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

- Widening participation & spreading excellence
- Reforming & Enhancing the European R&I system

Pillar I
EXCELLENT SCIENCE

- European Research Council
- Mari Skłodowska-Curie
- Research Infrastructures

Pillar II
GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

- 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
Support to innovations with breakthrough and disruptive nature and scale up potential that are too risky for private investors (70% of the budget earmarked for SMEs)

- Helping researchers and innovators create markets of the future, leverage private finance, scale up their companies
- Innovation centric, risk taking & agile, pro-active management and follow up
- Mostly ‘bottom up’, but also targeting strategic challenges
- EIC Programme Managers to develop visions for breakthroughs and steer portfolios

European Innovation Council – a one-stop-shop

Complementary instruments bridging the gap from idea to market

**PATHFINDER**
- R&I grants
- (from early technology to proof of concept)

**TRANSITION**
- R&I grants
- (proof of concept to pre-commercial)

**ACCELERATOR**
- Grants & investment (via EIC Fund) for single SMEs & start-ups
- (from pre-commercial to market & scale-up)
How can non-EU Countries participate in Horizon Europe?

There are two ways to participate:

• There is funding for individual researchers
  Researchers of all nationalities are welcome to participate

• There is funding for collaborative research
  Together with at least 3 entities from 3 different countries of the EU or from Countries Associated to Horizon Europe, and at least one from a Member State
1. Where in Horizon Europe can you find funds for individual research?

- The European Research Council (ERC) = excellent research
- Marie Skłodowska-Curie Actions (MSCA) = mobility of researchers and technical staff

These opportunities are for researchers who want to work in Europe.
2. How to participate in a collaborative project?

- As an entity from an Associated Country you can take part equally to Member States. The country only needs to be associated when the Grant Agreement will be signed, not when you apply for the funding!

- You can receive funding, but it is not automatic if you come from an Industrialised Country, High Income Country and BRICS.

Remember! All proposals must meet certain minimum conditions:
3 participants from different EU member states or associated countries, at least one Member State. International partners must come in addition to this minimum.
International cooperation in Horizon Europe Work Programme 2021-2022

Australian Participation

- As a full participant (signs Grant Agreement +/- funding), third party (Sign agreement as 'International Partner' with an EU partner who signs GA) or subcontractor (contracted to do a particular task in project, not a participant)

- As a rule, participants from non-European industrialized countries are not eligible for funding in collaborative research projects. Exceptions:
  - Country specific/targeted calls
  - Calls targeting International Cooperation in general
  - Research Infrastructure Integrating Activities
  - Ad hoc exceptions
  - As a subcontractor
International cooperation in Horizon Europe Work Programme 2021-2022

International Participation

International participation is targeted in numerous topics

- Specific topics in calls for proposals may:
  - Indicate that participation of international partners is encouraged
  - Indicate that participation of partners from a certain country or region is encouraged or even mandatory

“Each proposal shall target one country and region that is an established or emerging science, technology or innovation leader; proposals addressing all or part of Australia and New Zealand are strongly encouraged without excluding other countries with similar characteristics.”

Eligibility and admissibility conditions: described in Annex B and Annex C of the Work Programme.

Due to the specific challenge of this topic, in addition to the minimum number of participants set out in the General Annexes, proposals must include as beneficiary at least one legal entity established in the following countries: Australia or New Zealand.
Basic funding rates:

- 100% for Research and Innovation Actions (RIA)
- 70% for Innovation/close-to-market Innovation Actions (IA) for for-profit organisations
  - 100% for non-for-profit entities (Universities, etc.)
- Indirect costs: 25% flat-rate
- Audit threshold: 430 000 euro
Thank you!

#HorizonEU

http://ec.europa.eu/horizon-europe