



EURAXESS is a European Commission's Directorate-General for Research and Innovation initiative

# European Union Funding Opportunities

FALAH Workshop: University of New South Wales

3 October 2023

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## Outline



- **A. EU Framework Programme for R&I**
- B. Funding under Horizon Europe**
  - a. Pillar I
  - b. Pillar II
- C. EURAXESS Australia & New Zealand**

# Outline



-  **A. EU Framework Programme for R&I**
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## A. EU Framework Programme for R&I



Approximately €80 billion of  
funding available over 7 years  
(2014 - 2020)



Approximately €95.5 billion of  
funding available over 7 years  
(2021 - 2027)

# A. Horizon Europe – Structure

## HORIZON EUROPE

## EURATOM

**SPECIFIC PROGRAMME:  
EUROPEAN DEFENCE FUND**

*Exclusive focus on defence research & development*

Research actions

Development actions

**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\*

Fusion

Fission

Joint Research Centre

**WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA**

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

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

## A. Horizon Europe – Participation & Funding

- Member States (MS) of the European Union (EU): 27
- Overseas Countries and Territories (OCTs) associated with the EU: 13 (including French Polynesia, New Caledonia, Wallis et Futuna Islands)
- Associated Countries to HEU: 17 (including New Zealand which is associated to Pillar II)
- Non-Associated Third Countries
  - Low- to middle income countries automatically eligible for funding: approximately 110 countries (including Fiji, Solomon Islands, Vanuatu)
  - Funding not automatic if you come from an Industrialised Country, High Income Country and BRICS

[List of Participating Countries in Horizon Europe](#)

## A. Horizon Europe – What’s New?

### Lessons Learned from Horizon 2020 Interim Evaluation



Support breakthrough innovation



Create more impact through mission-orientation and citizens' involvement



Strengthen international cooperation



Reinforce openness



Rationalise the funding landscape



Encourage participation



### Key Novelties in Horizon Europe

European Innovation Council

R&I Missions

Extended association possibilities

Open science policy

New approach to Partnerships

Spreading Excellence

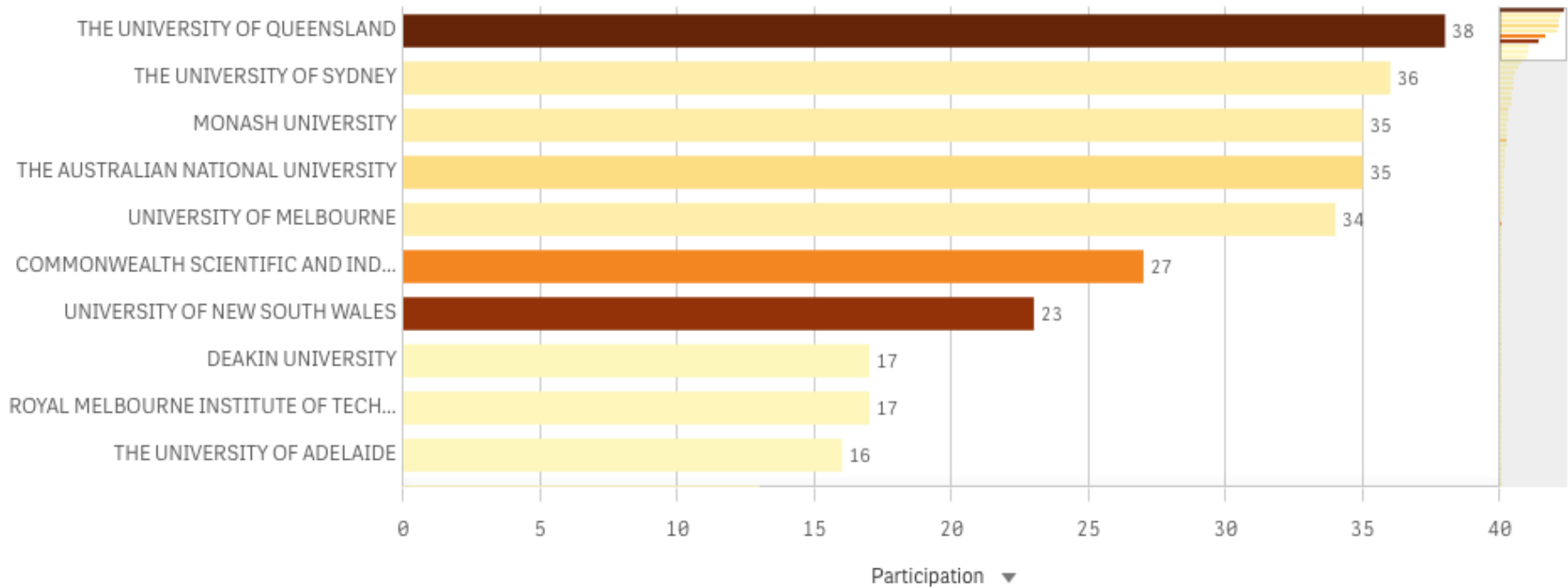
## A. Horizon Europe & Horizon 2020 – Australian Participation

- Australia is in the top 5 international partners participating in HE and H2020
- Net EU Contribution received: **16.23 million Euros**
- HE: **81 signed grants**
- H2020: **305 signed grants**
- Major areas of cooperation – MSCA, health, Mission Innovation, food, bioeconomy, natural resources, agriculture and environment



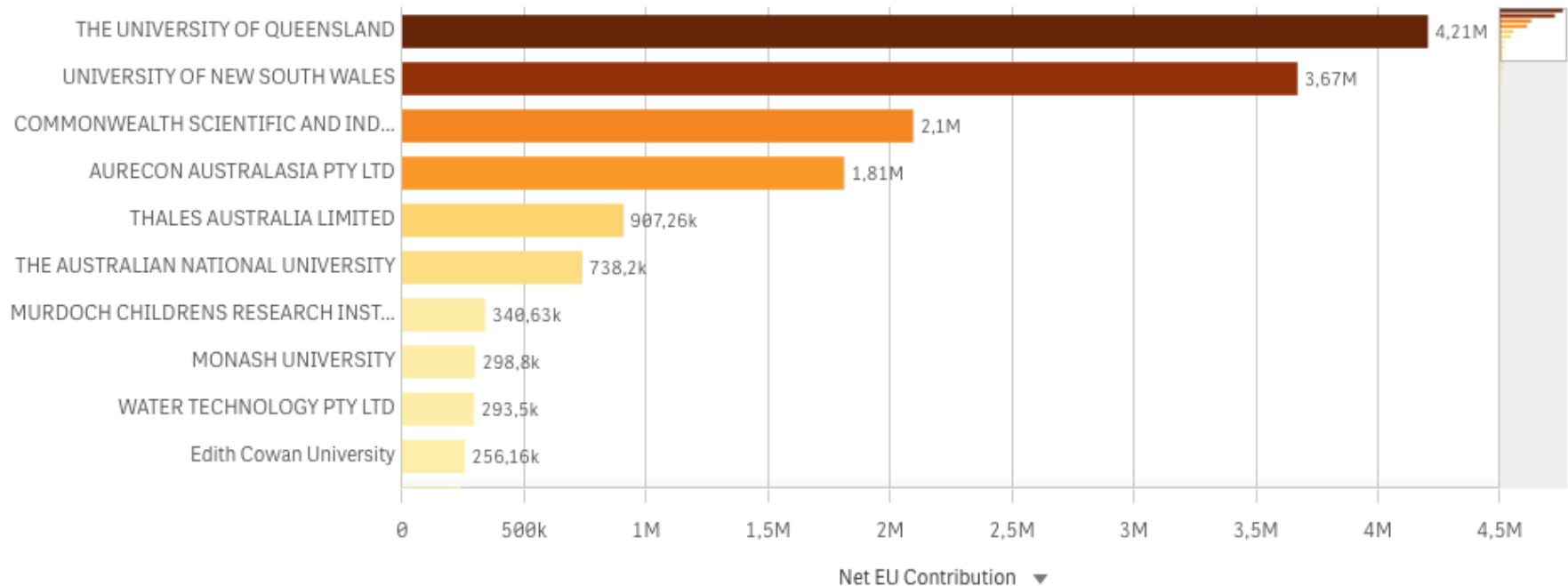
## A. Horizon Europe & Horizon 2020 – Australian Participation

### Top organisations



## A. Horizon Europe & Horizon 2020 – Australian Participation

### Top organisations



# Outline



A. EU Framework Programme for R&I

**B. Funding under Horizon Europe**

a. Pillar I

b. Pillar II

C. EURAXESS Australia & New Zealand



# Outline



A. EU Framework Programme for R&I

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## B. Horizon Europe – Pillar I



- European Research Council
- Marie Skłodowska-Curie
- Research Infrastructures

## B. Marie Skłodowska-Curie Actions (MSCA)

- Support the mobility, training and career development of researchers from **all over the world** through excellent doctorates, postdoctoral fellowships and collaborative projects
- Stimulating **international, inter-sectoral and interdisciplinary** cooperation
- For researchers at **every stage** of their career
- Promotion of **attractive working and employment** conditions (financing rate of up to 100%, Charter and Code)
- Support excellent research in all domains (**bottom-up**)
- Open to all organisations. Participation of **non-academic sector** strongly encouraged, especially industry and SMEs
- Impacting **researcher careers, organisations, structures**



## B. MSCA – Figures in Horizon 2020

**+65,000**

Researchers,  
including  
25,000 PhD  
candidates

**50 %** of all third  
countries'  
participations in  
H2020

37% of researchers  
from outside of the  
EU

**6.2 billion €**

Under Horizon  
2020

**+1,000**

Doctoral  
programmes

**+4,500**

Companies  
supported

**42%**

Female  
researchers

## B. MSCA – Under Horizon Europe



### Doctoral Networks

*Doctoral programmes to train doctoral candidates incl. Joint and industrial programmes*

### Postdoctoral Fellowships

*Support for the best postdoctoral researchers*

### Staff Exchanges

*Collaborative research and innovation projects through exchange of academic and administrative staff*

### COFUND

*Co-funding for doctoral and postdoctoral programmes*





## B. MSCA – Doctoral Networks

- **Multi-beneficiary action** to set up innovative **doctoral programmes**, including:
  - **Industrial Doctorates**
    - ✓ Training in academia and industry
    - ✓ Joint supervision
  - **Joint Doctorates**
    - ✓ Joint collaborations leading to a joint/double/multiple doctoral degree
    - ✓ Joint selection, supervision and governance structure
    - ✓ Pre-agreement for joint degrees required
- **Target group**
  - **doctoral candidates**, i.e. researchers without a doctoral degree at the date of the recruitment; mandatory enrolment in a doctoral programme in at least 1 EU MS/AC (at least 2 for Joint Doctorates)
- **Focus** on **career development plan, supervision, training**: research and transferable skills
- **Who applies?**
  - **consortia** of universities, research institutions and research infrastructures, businesses including SMEs, and other socio-economic actors; each beneficiary to recruit at least 1 researcher
  - at least **three independent legal entities**, each established in a different MS or AC; minimum of 1 beneficiary from a MS (on top of this minimum, any entity from any third country can join)



## B. MSCA – Postdoctoral Fellowships

- **Mono-beneficiary action** to support **postdoctoral research** and careers
- Architecture simplification - **Two types of Fellowships:**
  - **European Fellowships:** researchers of any nationality moving within or coming to Europe
  - **Global Fellowships:** European nationals or long-term residents in Europe to do research abroad
  - **Discontinuation of panels** (Career Restart, Reintegration, Society and Enterprise) – mainstreaming- replacement with **incentives**
- Continue funding **all research domains** including areas covered by **EURATOM**
- Improved guidance towards **career development** (plan & supervision)
- **Recruited researchers – Target groups**
  - **Mobility rule!!:** must not have resided or carried out their main activity (work, studies, etc.) in the country of the beneficiary (for EF), or the host organisation for the outgoing phase (for GF) for more than 12 months in the 36 months immediately before the call deadline.
  - In possession of **PhD** degree at the call deadline
  - **Up to 8 years** of research experience after PhD at the call deadline, with **exceptions:**
    - Years **outside research, career breaks, work outside Europe** (for those reintegrating to Europe) will not be counted



## B. MSCA – Postdoctoral Fellowships

- **Who applies?**
  - **Single legal entity** established in an EU Member State or HE Associated country (specific conditions for EURATOM areas), **jointly** with the researcher
- **Duration**
  - **European Fellowships: 12-24 months**
  - **Global Fellowships: 24-36 months** (12-24 outgoing + 12 months mandatory return phase in Europe)
  - **Secondments worldwide up to 1/3 of the fellowship duration** (outgoing phase for Global Fellowships)
  - Optional **additional placement of up to 6 months in a non-academic** European organization, at the end of the fellowship (EF/GF) to build bridges between sectors
- **Seal of Excellence** continues
- **17 Australians received MSCA PF in the last call.**
- **9 European coming to Australia for MSCA PF Global Fellowship.**
- Recent webinars
  - 17 May: Introduction & 31 May: Application Advice
  - 5 & 6 June: Matchmaking Masterclass





## B. MSCA – Staff Exchanges

- **Multi-beneficiary action** to support **collaborative R&I activities through staff exchanges**
- **Target group:** any type of staff at any stage of career contributing to research activities (researchers, administrative & managerial staff, technicians, infrastructure operators...)
- **Focus** on international, inter-sectoral, interdisciplinary secondments leading to knowledge transfer between participating organisations and strengthening long-term collaborations. Emphasis on the added-value of the collaboration.
- **Who applies?**
  - **consortia** of universities, research institutions and research infrastructures, businesses including SMEs, and other socio-economic actors
  - **at least three independent legal entities in three different countries**, two of which established in a different EU Member State or Horizon Europe Associated Country.
  - If all participating organisations are from the same sector (i.e. either only academic or only non-academic), there must be at least one organisation from a non-associated Third Country
- **Next Webinar: 26 October 2023**



## B. MSCA – Staff Exchanges

Third country organisations can:

- **Host and train research staff from** other organisations of the consortium based in the European Union and Associated Countries, covered by the project's budget
- **Second staff to** other consortium organisations in the European Union and Associated Countries, covered by the project's budget (only low- and middle-income countries)
- Send research staff to the European Union and Associated Countries at their own costs (high-income countries)



## B. MSCA – Staff Exchanges

Staff mobilised:

- Includes **research (pre or post-doctoral), academic, administrative, technical and managerial staff** at any stage of their career
- May be of **any nationality**
- Can be seconded for 1 to 12 months, in one or several stays
- Must have a **contractual link or have been involved in research and innovation activities at the sending organisation** at least one month before their stay in a host organisation
- **Continues to be linked to the sending organisation and must return to it** after the stay in order to convey knowledge and continue the collaboration
- It is selected directly by the participating organisations



## B. MSCA – COFUND

- **Mono-beneficiary action to co-fund** new or existing national, regional, institutional schemes for **doctoral** training and **postdoctoral** fellowships
- **Target groups**
  - **Doctoral candidates**, i.e. researchers without a doctoral degree at the deadline of the co-funded programme's call; mandatory enrolment in a doctoral programme
  - **Postdoctoral researchers**, i.e. researchers with a doctoral degree at the deadline of the co-funded programme's call
- **Focus**
  - Spread **best practices** of the MSCA by promoting **high standards** in the recruitment process and **excellent working conditions**
  - Introduce **sustainable structuring effects**, by promoting excellent and sustainable research training
  - Encourage **synergies** with Cohesion policy funds as well as the Recovery and Resilience Facility. Programmes could focus on specific disciplines, notably when based on RIS<sup>3</sup>.
- **Who applies?**
  - **Single legal entity** established in an EU Member State or HE Associated country
  - Organisations from Third Countries can participate as partners, define job offers to host and train researchers and for shorter stays

## B. MSCA – Participation of Third Countries

MSCA Actions	Beneficiary	Partner organisation	Third Country organisations can...
Doctoral Networks	Yes, with direct European Union funds *	Yes, but does not receive funds directly	<ul style="list-style-type: none"> <li>Recruit, monitor and train pre-doctoral staff (beneficiary organisations established in low- and middle-income countries only)</li> <li>Receive pre-doctoral researchers for short stays (1/3 of project duration) for research and training paid for the project</li> </ul>
Staff Exchanges	No	Yes, but does not receive funds directly	<ul style="list-style-type: none"> <li>Host research staff from EU Member States and from Associated Countries 1 up to 12 months to cover the costs of the project</li> <li>Send research staff to EU Member States or Associated countries up to 12 months at the cost of the project (only low- and middle-income countries)</li> <li>Send research staff to EU Member States or Associated countries at their own costs (High Income Countries)</li> </ul>

\* Beneficiaries can be organisations established in low- and middle-income countries and receive funds directly from the European Union. The full list of these countries is available in the [Horizon Europe Programme Guide](#).



## B. MSCA – Participation of Third Countries

MSCA Actions	Beneficiary	Partner organisation	Third Country organisations can...
Postdoctoral Fellowships	No	Yes, but does not receive funds directly	<ul style="list-style-type: none"> <li>• Host postdoctoral researchers from EU Member States or Associated countries up to 2 years at the cost of the project</li> <li>• Hosting postdoctoral researchers from EU Member States or Associated countries for short research assignments (1/3 of project duration) paid by the project</li> </ul>
COFUND	No	Yes, but do not receive funds directly	<ul style="list-style-type: none"> <li>• Host pre-doctoral and postdoctoral researchers from the EU or Associated countries (1/3 of the duration of the project) for short research stays paid by the project</li> <li>• Host postdoctoral researchers from EU Member States and Associated countries up to 2 years at the cost of the project</li> </ul>

## B. MSCA – Calls

Year	Modality	Opening	Deadline
2023	Doctoral Networks	30 May 2023	28 November 2023
	Postdoctoral fellowships	12 April 2023	13 September 2023
	Staff Exchanges	5 October 2023	28 February 2024
	COFUND	10 October 2023	8 February 2024
2024	Doctoral Networks	29 May 2024	27 November 2024
	Postdoctoral fellowships	10 April 2024	11 September 2024
	Staff Exchanges	10 October 2024	5 March 2025
	COFUND	8 October 2024	6 February 2025

## B. European Research Council (ERC) Grants



EUR 16 billion  
ERC budget in Horizon Europe



17%  
of the entire  
Horizon Europe budget



European Research Council  
Established by the European Commission

INDIVIDUAL RESEARCHERS  
FROM ALL OVER THE WORLD  
**LONG TERM  
GRANTS**

TO HIGH-RISK/HIGH-GAIN PIONEERING PROJECTS  
IN ANY FIELD OF FRONTIER RESEARCH



Life Sciences



Physical Sciences and Engineering



Social Sciences and Humanities

## B. ERC – In Figures



>12,000

Total projects funded  
by ERC since 2007



85

Nationalities  
(ERC grantees)



35

EU and Associated  
Countries hosting ERC  
projects



>150,000

publications reported  
by ERC projects



>1,300

prestigious prizes  
awarded to  
ERC grantees



>80,000

researchers and other  
professionals  
hired in ERC teams

## B. ERC – Grant Schemes

### Starting Grants

- 2-7 years after PhD
- up to € 1.5 Mio
- for 5 years
- success rate: ~13.1%

### Consolidator Grants

- 7-12 years after PhD
- up to € 2 Mio
- for 5 years
- success rate: ~12.3%

### Advanced Grants

- track-record of significant research achievements in the last 10 years
- up to € 2.5 Mio
- for 5 years
- success rate: ~9.8%

### Proof-of-Concept

- bridging gap between research - earliest stage of marketable innovation
- lump sum €150,000 for ERC grantees, for 18 months

### Synergy Grants

- 2 – 4 Principal Investigators
- up to € 10.0 Mio, for 6 years
- 1 PI can be based outside EU/AC

## B. ERC – Minimum Time Commitment

Minimum percentage of the working time of a Principal Investigator that must be spent	Starting Grant	Consolidator Grant	Advanced Grant
On the ERC project	50%	40%	30%
In an EU Member State or Associated Country	50%	50%	50%

## B. ERC – Panel Structure

### Life Sciences (LS)

- **LS1** Molecules of Life: Biological Mechanisms, Structures and Functions
  - **LS2** Integrative Biology: from Genes and Genomes to Systems
  - **LS3** Cellular, Developmental and Regenerative Biology
  - **LS4** Physiology in Health, Disease and Aging
  - **LS5** Neuroscience and Disorders of the Nervous System
  - **LS6** Immunity, Infection and Immunotherapy
  - **LS7** Prevention, Diagnosis and Treatment of Human Diseases
  - **LS8** Environmental Biology, Ecology and Evolution
  - **LS9** Biotechnology and Biosystems Engineering
- 
- 3 Domains / 27 Panels
  - Operated by the Scientific Department B

### Social Sciences and Humanities (SSH)

- **SH1** Individuals, Markets and Organisations
- **SH2** Institutions, Governance and Legal Systems
- **SH3** The Social World and Its Diversity
- **SH4** The Human Mind and Its Complexity
- **SH5** Cultures and Cultural Production
- **SH6** The Study of the Human Past
- **SH7 Human Mobility, Environment, and Space**

### Physical Sciences & Engineering (PSE)

- **PE1** Mathematics
- **PE2** Fundamental Constituents of Matter
- **PE3** Condensed Matter Physics
- **PE4** Physical & Analytical Chemical Sciences
- **PE5** Synthetic Chemistry and Materials
- **PE6** Computer Science and Informatics
- **PE7** Systems and Communication Engineering
- **PE8** Products and Processes Engineering
- **PE9** Universe Sciences
- **PE10** Earth System Science
- **PE11 Materials Engineering**

## B. ERC – 2023 Call Calendar

	Starting Grant	Consolidator Grant	Advanced Grant	Synergy Grant
Open	11-07-2023	12-09-2023	29-05-2024	12-07-2023
Closure	24-10-2023	12-12-2023	29-08-2024	08-11-2023
Budget	€ 601m	€ 584m	€ 578m	€ 400m



- **Next Webinar: 12 October 2023**



## B. ERC – Non-EU/AC Nationalities

Non-EU/AC Principal Investigators	Starting and Consolidator grants	Advanced grants	Total grants
USA	268	134	402
Canada	99	19	118
India	74	3	77
China	76	1	77
Russia	62	11	73
Australia	56	14	70
Japan	31	9	40
New Zealand	18	6	24
Argentina	21	1	22
Other	142	13	155
<b>Total</b>	<b>847</b>	<b>211</b>	<b>1058</b>

## B. ERC – Implementing Arrangements

### List of all signed Implementing Arrangements



European Research Council  
Established by the European Commission

**USA**, National Science Foundation (NSF)

**Republic of Korea**, National Research Foundation (NRF)

**Argentina**, Ministry of Science, Technology and Productive Innovation (MINCYT)

**China**, National Natural Science Foundation of China (NSFC)

**Japan**, Japan Society for the Promotion of Science (JSPS); Japan Science and Technology Agency (JST); Japan Agency for Medical Research and Development (AMED)

**South Africa**, National Research Foundation (NRF)

**Mexico**, Mexican National Council of Science and Technology (CONACYT)

**Brazil**, Brazilian National Council of the State funding agencies (CONFAP)

**Canada**, Canadian Tri-Agency Institutional Programmes Secretariat (TIPS)

**India**, Scientific Engineering Research Board (SERB); Indian Social Sciences Research Council (ISSRC)

**Australia, National Health and Medical Research Council (NHMRC); Australian Research Council (ARC)**

**Singapore**, National Research Foundation Singapore (NRF)

Oct 2018

Feb 2019

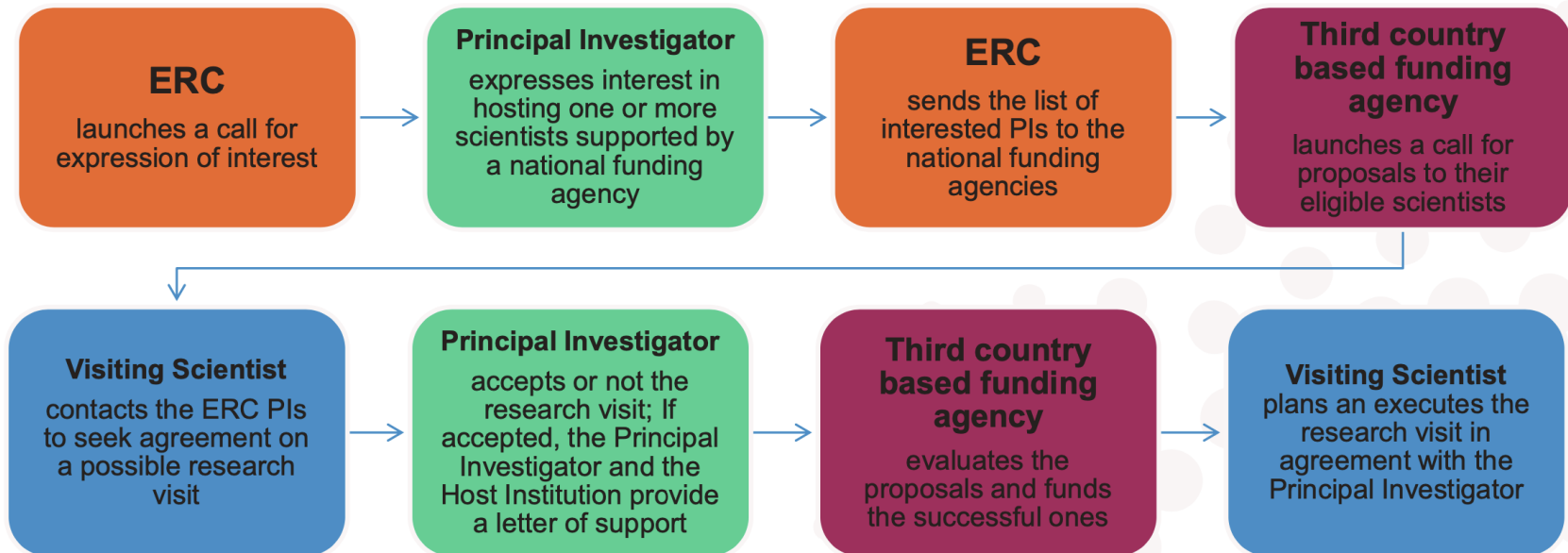
These arrangement aims to help ARC/NHMRC-funded researchers join ERC supported research teams in Europe (for a period when possible) or work remotely during their grant and enables the exchange of ideas and experiences in cutting-edge science.

## B. ERC – Implementing Arrangements Procedure

### IA procedures



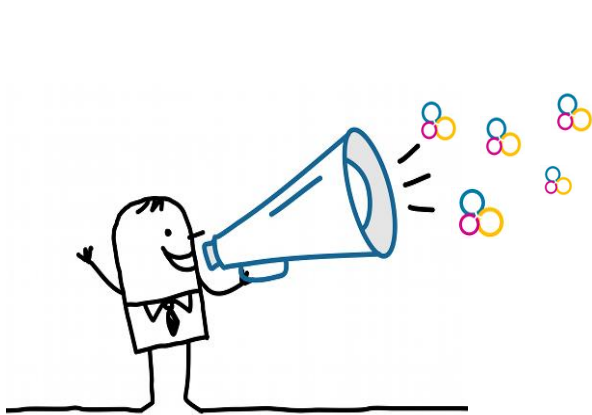
European Research Council  
Established by the European Commission



## B. ERC – IA (PIs Participation 2012-2020)

Number of ERC grantees expressed interest to host researchers funded by third country bodies										
Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
USA	789	676	372	507	380	312	423	730	766	4955
Korea PI		492	351	358	319	256	341	570	658	3345
China				402	293	249	332	566	620	2462
Japan JSPS				453	345	287	377	634	697	2793
Argentina				378	296	245	322	542	617	2400
South Africa				358	279	240	312	539	612	2340
Brazil					303	249	329	545	616	2042
Mexico					294	242	316	534	601	1987
Canada					353	289	392	660	714	2408
India Early						224	301	514	569	1608
Japan JST							370	625	698	1693
<b>Australia NHMRC</b>							369	610	668	1647
Korea PhD							325	541	636	1502
India PhD							276	468	543	1287
<b>Australia ARC</b>								647	705	1352
Singapore								584	667	1251
Japan AMED									648	648
India ICSSR									569	569
Average	789	584	362	409	318	259	342	582	645	

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## B. Horizon Europe – Pillar II

<b>Cluster 1</b>	<b>Health</b>	<b>€8.246 billion</b> (including €1.35 billion from NGEU)
<b>Cluster 2</b>	<b>Culture, Creativity &amp; Inclusive Societies</b>	<b>€2.280 billion</b>
<b>Cluster 3</b>	<b>Civil Security for Society</b>	<b>€1.596 billion</b>
<b>Cluster 4</b>	<b>Digital, Industry &amp; Space</b>	<b>€15.349 billion</b> (including €1.35 billion from NGEU)
<b>Cluster 5</b>	<b>Climate, Energy &amp; Mobility</b>	<b>€15.123 billion</b> (including €1.35 billion from NGEU)
<b>Cluster 6</b>	<b>Food, Bioeconomy, Natural Resources, Agriculture &amp; Environment</b>	<b>€8.952 billion</b>

## B. Horizon Europe – Pillar II

### General openness to international participation

- Entities from all over the world can take part in collaborative R&I projects
- 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
- You can receive funding, but it is not automatic if you come from an Industrialised Country, High Income Country and BRICS.

## B. Horizon Europe – Pillar II

### 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
- A number of non-EU/non-associated countries that are not automatically eligible for funding have made specific provision for national co-financing mechanisms for their participants in Horizon Europe projects.



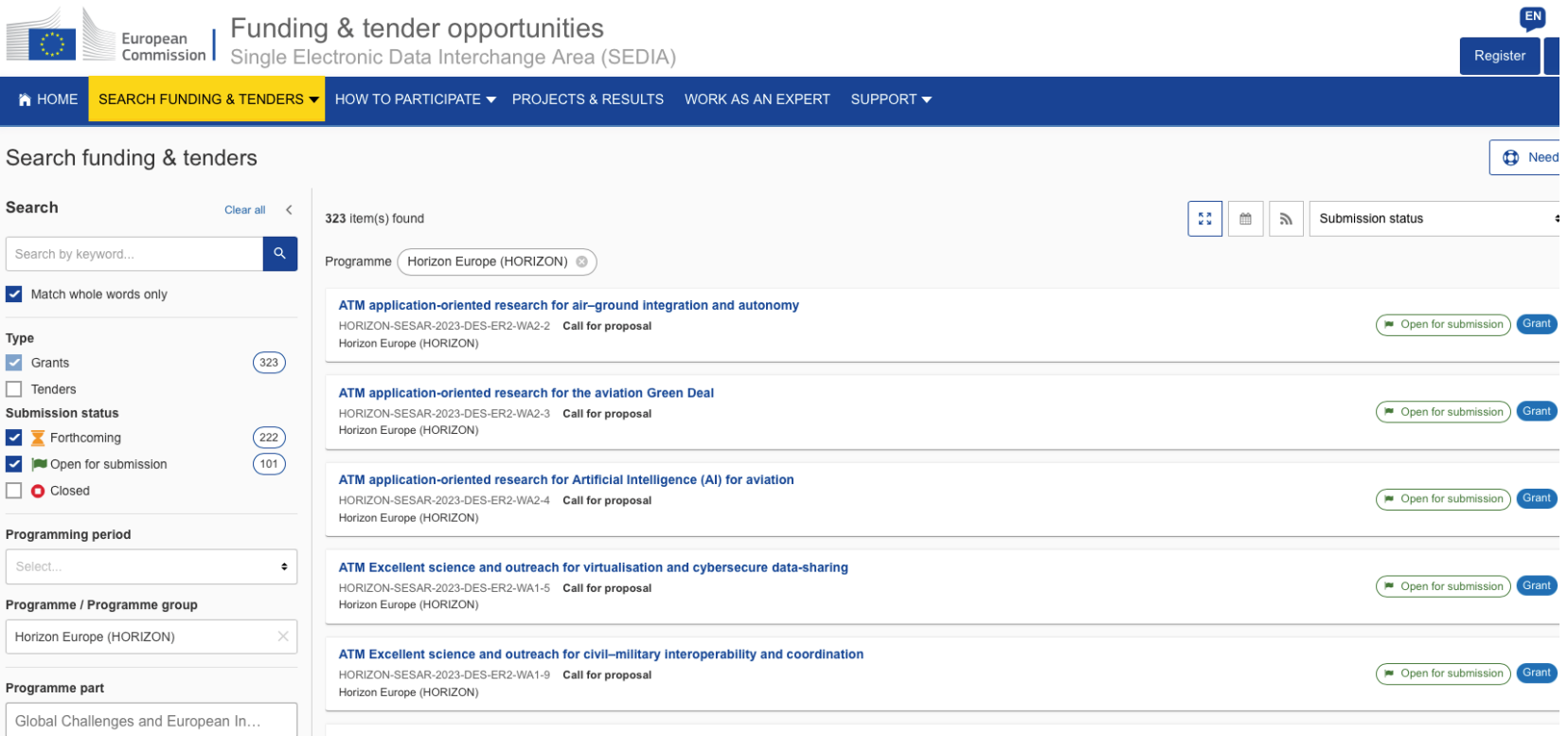
**Targeted  
Opening**



## B. Horizon Europe – 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%
<b>TOTAL</b>	<b>730</b>	<b>642</b>	<b>141</b>	<b>22%</b>

## B. Pillar II – Finding a Call



The screenshot displays the Euraxess website interface for finding funding and tenders. At the top, there is a navigation bar with the European Commission logo and the text 'Funding & tender opportunities Single Electronic Data Interchange Area (SEDIA)'. A language selector shows 'EN' and a 'Register' button. Below the navigation bar, a menu includes 'HOME', 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE', 'PROJECTS & RESULTS', 'WORK AS AN EXPERT', and 'SUPPORT'. The main content area is titled 'Search funding & tenders' and shows a search bar with the text 'Search by keyword...'. To the left, there are filters for 'Type' (Grants: 323, Tenders: 0), 'Submission status' (Forthcoming: 222, Open for submission: 101, Closed: 0), 'Programming period', 'Programme / Programme group' (Horizon Europe (HORIZON)), and 'Programme part' (Global Challenges and European In...). The search results show 323 items found, filtered by 'Horizon Europe (HORIZON)'. The results list several calls for proposals, each with a title, reference number, and status (e.g., 'ATM application-oriented research for air-ground integration and autonomy', 'ATM application-oriented research for the aviation Green Deal', 'ATM application-oriented research for Artificial Intelligence (AI) for aviation', 'ATM Excellent science and outreach for virtualisation and cybersecure data-sharing', 'ATM Excellent science and outreach for civil-military interoperability and coordination', and 'ATM Excellent science and outreach for multimodality and passenger experience'). Each result includes a 'Call for proposal' label and buttons for 'Open for submission' and 'Grant'.

## B. Pillar II – Finding a Call

The screenshot shows the Euraxess website interface. At the top, there is a navigation bar with 'HOME', 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE', 'PROJECTS & RESULTS', 'WORK AS AN EXPERT', and 'SUPPORT'. The 'SEARCH FUNDING & TENDERS' tab is active. Below the navigation bar, the page title is 'Search funding & tenders'. On the left, there is a search filter panel with the following sections:

- Search:** A search box containing 'farming' and a search icon. Below it is a checkbox for 'Match whole words only'.
- Type:** A list of checkboxes: 'Grants' (checked, 31 results), 'Tenders' (unchecked).
- Submission status:** A list of checkboxes: 'Forthcoming' (checked, 30 results), 'Open for submission' (checked, 1 result), 'Closed' (unchecked).
- Programming period:** A dropdown menu with 'Select...'.
- Programme / Programme group:** A dropdown menu with 'Horizon Europe (HORIZON)' selected.

On the right, the search results are displayed. At the top, it says '31 item(s) found'. Below this, there are four search results, each with a title, a call for proposal ID, and a submission status button:

- Demonstration of sustainable wave energy farms**  
HORIZON-CL5-2024-D3-01-08 Call for proposal  
Horizon Europe (HORIZON) [Open for submission] [Grant]
- Impact of the development of novel foods based on alternative sources of proteins**  
HORIZON-CL6-2024-FARM2FORK-01-7 Call for proposal  
Horizon Europe (HORIZON) [Forthcoming] [Grant]
- Increasing the availability and use of non-contentious inputs in organic farming**  
HORIZON-CL6-2024-FARM2FORK-02-1-two-stage Call for proposal  
Horizon Europe (HORIZON) [Forthcoming] [Grant]
- Animal nutritional requirements and nutritional value of feed under different production management conditions**  
HORIZON-CL6-2024-FARM2FORK-02-5-two-stage Call for proposal  
Horizon Europe (HORIZON) [Forthcoming] [Grant]

## B. Pillar II – Cluster 1: Health

### Horizon Europe Work Programme (2023-24) - Cluster 1

#### Example of Areas of intervention

- health throughout the life course
- environmental and social health determinants
- non-communicable and rare diseases
- infectious diseases including poverty-related and neglected diseases
- tools, technologies and digital solutions for health and care including personalised medicine
- health care systems

Topics Open for  
Submission:

10

Forthcoming  
Topics:

6

Total Topics:

16

## B. Pillar II – Cluster 2: Culture, Creativity & Inclusive Society

### Horizon Europe Work Programme (2023-24) - Cluster 2

Topics Open for  
Submission:

0

Forthcoming  
Topics:

28

Total Topics:

28

#### Example of Areas of intervention

- democracy
- cultural heritage
- social and economic transformations

## B. Pillar II – Cluster 3: Civil Security for Society

### Horizon Europe Work Programme (2023-24) - Cluster 3

Topics Open for  
Submission:

23

Forthcoming  
Topics:

25

Total Topics:

48

#### Example of Areas of intervention

- disaster-resilient societies
- protection and security
- cybersecurity

## B. Pillar II – Cluster 4: Digital, Industry and Space

### Horizon Europe Work Programme (2023-24) - Cluster 4

Topics Open for  
Submission:

22

Forthcoming  
Topics:

23

Total Topics:

45

#### Example of Areas of intervention

- manufacturing technologies
- key digital technologies including quantum technologies
- emerging enabling technologies
- advanced materials
- artificial intelligence and robotics
- next generation internet
- advanced computing and Big Data
- circular industries
- low carbon and clean industries
- space including earth observation

## B. Pillar II – Cluster 5: Climate, Energy & Mobility

### Horizon Europe Work Programme (2023-24) - Cluster 5

#### Example of Areas of intervention

- climate science and solutions
- energy supply
- energy systems and grids
- buildings and industrial facilities in energy transition
- communities and cities
- industrial competitiveness in transport
- clean, safe and accessible transport and mobility
- smart mobility
- energy storage

Topics Open for Submission:

45

Forthcoming Topics:

65

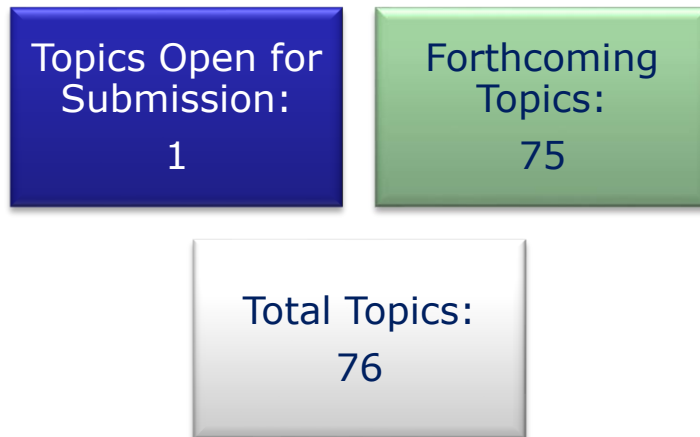
Total Topics:

110



## B. Pillar II – Cluster 6: Food, Bioeconomy, N. Res, Agri & Env.

### Horizon Europe Work Programme (2023-24) - Cluster 6



#### Example of Areas of intervention

- environmental observation
- biodiversity and natural resources
- agriculture, forestry and rural areas
- seas, oceans and inland waters
- food systems
- bio-based innovation systems in the EU's bioeconomy
- circular systems

## B. Horizon Europe Pillar II – Cluster 1: Health

### Health topics with Australian co-funding



- The National Health and Medical Research Council (NHMRC) – European Union (EU) Collaborative Research Grant Scheme provides a contribution to Australian researchers participating in leading international collaborative research that has been favorably evaluated for funding under select European Commission (EC) Horizon Europe topics.

## B. Horizon Europe Pillar II – Cluster 1: Health

### 2023 Health topics with Australian co-funding – 8 Topics



1. HORIZON-HLTH-2023-ENVHLTH-02-01: Planetary health: understanding the links between environmental degradation and health impacts
2. HORIZON-HLTH-2023-ENVHLTH-02-02: Evidence-based interventions for promotion of mental and physical health in changing working environments (post-pandemic workplaces)
3. HORIZON-HLTH-2023-DISEASE-03-04: Pandemic preparedness and response: Broad spectrum anti-viral therapeutics for infectious diseases with epidemic potential
4. HORIZON-HLTH-2023-DISEASE-03-07: Relationship between infections and non-communicable diseases
5. HORIZON-HLTH-2023-DISEASE-03-17: Pandemic preparedness and response: Understanding vaccine induced-immunity
6. HORIZON-HLTH-2023-DISEASE-03-18: Pandemic preparedness and response: Immunogenicity of viral proteins of viruses with epidemic and pandemic potential
7. HORIZON-HLTH-2023-CARE-04-02: Resilience and mental wellbeing of the health and care workforce
8. HORIZON-HLTH-2023-CARE-04-03: Environmentally sustainable and climate neutral health and care systems

## B. Horizon Europe Pillar II – Cluster 1: Health

### 2024 Health topics with Australian co-funding – 5 Topics

1. HORIZON-HLTH-2024-STAYHLTH-01-05-two-stage: Personalised prevention of non-communicable diseases- addressing areas of unmet need using multiple data sources
2. HORIZON-HLTH-2024-ENVHLTH-02-06-two-stage: The role of environmental pollution in non-communicable diseases: air, noise, and light, and hazardous waste pollution
3. HORIZON-HLTH-2024-DISEASE-03-08-two-stage: Comparative effectiveness research for healthcare interventions in areas of high public health need
4. HORIZON-HLTH-2024-DISEASE-03-11-two-stage: Pandemic preparedness and response: Adaptive platform trials for pandemic preparedness
5. HORIZON-HLTH-2024-DISEASE-08-20: Pandemic preparedness and response: Host pathogen interactions for infectious diseases with epidemic potential



## B. Horizon Europe Pillar II – Cluster 1: Health

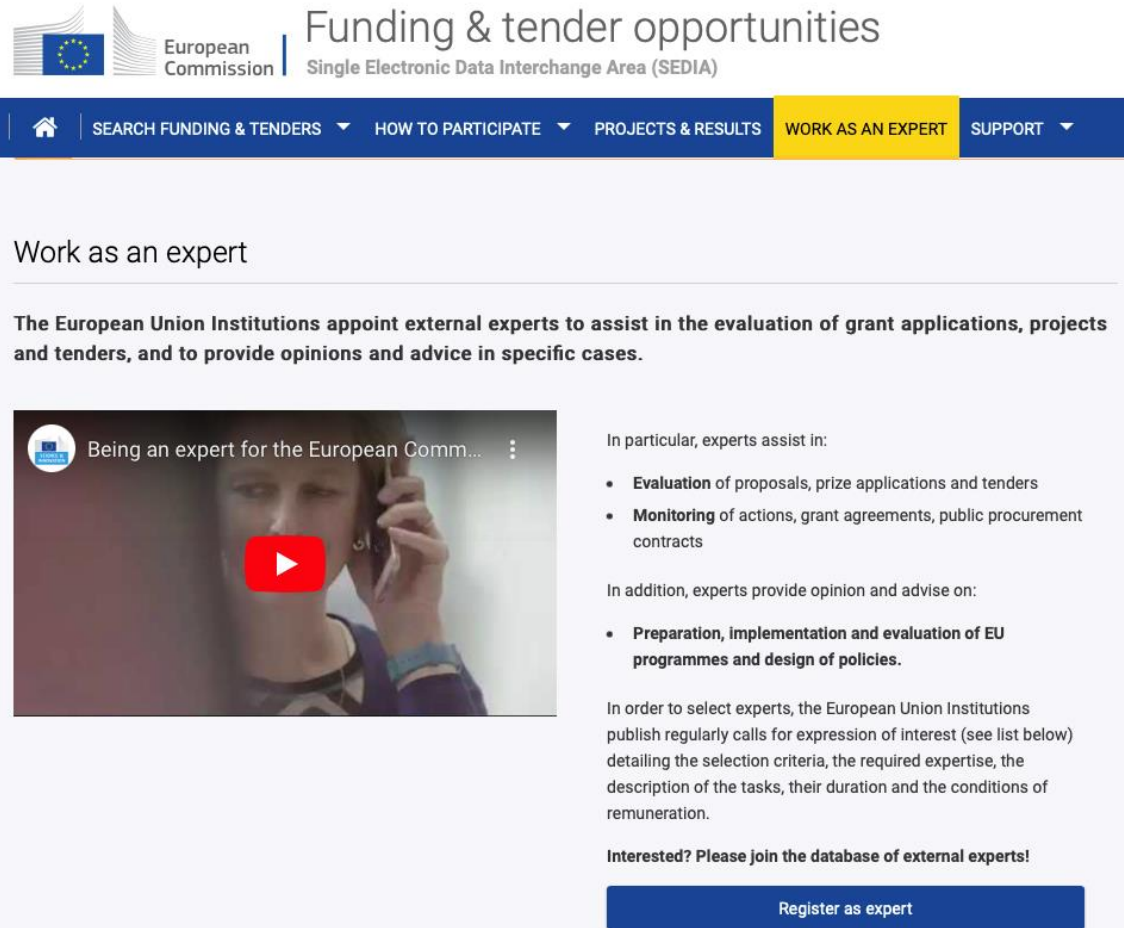
2022 Health topics with Australian co-funding – 7 Projects funded with AUD 3.4 million

Title	Administering Institution	Budget
Youth-GEMs: Gene Environment interactions in Mental health trajectories of Youth	University of Queensland	\$499,332
Clinical validation of Artificial Intelligence for providing a personalized motor clinical profile assessment and rehabilitation of upper limb in children with unilateral Cerebral Palsy	University of Queensland	\$499,779
PREFERABLE-II - Personalised Exercise-Oncology for improvement of supportive care: a super umbrella trial to demonstrate the (cost)effectiveness of live-remote exercise in cancer survivors	Cabrini Health	\$457,547
Improvement of school indoor air quality and children's health	Monash University	\$499,557
Identification of chemical and biological determinants, their sources, and strategies to promote healthier homes in Europe (INQUIRE)	University of Queensland	\$499,819
Risk and Resilience in Developmental Diversity and Mental Health	Murdoch Children's Research Institute	\$499,734
PsychSTRATA	University of Adelaide	\$498,335

\*Result announced on 5 September 2022

## B. Experts

**Register** in the database of experts, new expertise is always welcome!



European Commission | Single Electronic Data Interchange Area (SEDIA)

Funding & tender opportunities

SEARCH FUNDING & TENDERS | HOW TO PARTICIPATE | PROJECTS & RESULTS | **WORK AS AN EXPERT** | SUPPORT

### Work as an expert

The European Union Institutions appoint external experts to assist in the evaluation of grant applications, projects and tenders, and to provide opinions and advice in specific cases.

Being an expert for the European Comm...

In particular, experts assist in:

- **Evaluation** of proposals, prize applications and tenders
- **Monitoring** of actions, grant agreements, public procurement contracts

In addition, experts provide opinion and advise on:

- **Preparation, implementation and evaluation of EU programmes and design of policies.**

In order to select experts, the European Union Institutions publish regularly calls for expression of interest (see list below) detailing the selection criteria, the required expertise, the description of the tasks, their duration and the conditions of remuneration.

**Interested? Please join the database of external experts!**

[Register as expert](#)

## Outline



A. EU Framework Programme for R&I

B. Funding under Horizon Europe

a. Pillar I

b. Pillar II

**C. EURAXESS Australia & New Zealand**



## C. EURAXESS – Researchers in Motions

- Pan-European Initiative: Backed by the European Research Area (ERA)
- Supporting Researcher Mobility and Career Development
- Enhancing Scientific Collaboration between Europe and the World
- All services of EURAXESS are free of charge!





## C. EURAXESS – Component 1: Jobs & Funding



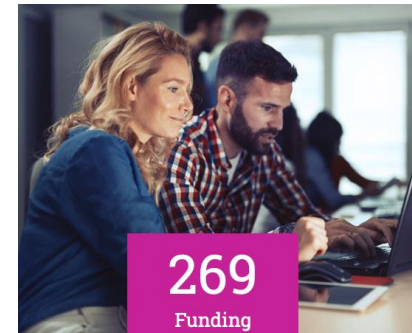
### Search for jobs and post your offer!

Take advantage of EURAXESS and find your job in research. EURAXESS lists thousands of vacancies and fellowships from more than 40 European countries and other regions in the world.

Find talented and experienced staff at the click of a button.



17065  
Research job  
positions  
available



269  
Funding  
opportunities  
available



### Find funding for your research project!

You can find a wealth of information on research funding throughout Europe: from individual grants to supporting start-ups.

Alternatively, you might be a grant beneficiary and need a host organisation.

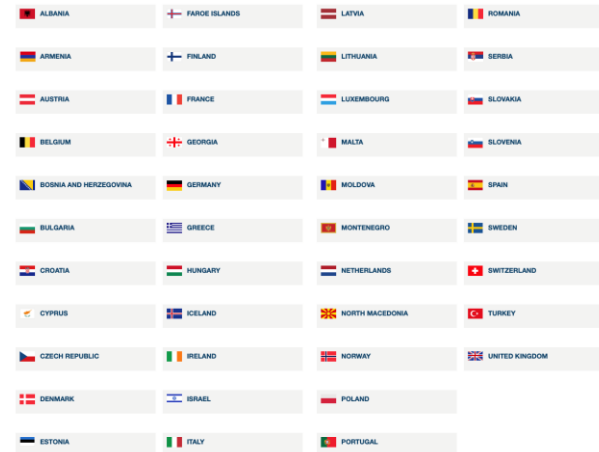


## C. EURAXESS – Component 2: Information & Assistance

### Settling in, working or leaving a European country?

EURAXESS has **42 national portals** with country-specific information, packed with practical advice on all matters concerning your professional and daily life, as well as career development, job, funding and hosting opportunities.

EXPLORE EURAXESS NATIONAL PORTALS



Save time, energy and money by using more than **600 EURAXESS support centers** helping researchers **free of charge** with a wide range of services facilitating your move and stay abroad. Sort out centres by country and type of expertise, based on your specific issue.

FIND YOUR EURAXESS SUPPORT CENTER

## C. EURAXESS – Component 3: Partnering

### Redefine success, together!

Have you already got funding and looking for a host organisation? Or maybe you need a bright mind to launch your start-up? EURAXESS matches talented supply and demand. Get started!



154255

Registered  
members

FIND MEMBERS


FIND ORGANISATIONS



21367

Registered  
Organisations  
& Universities

## C. EURAXESS – Component 4: Career Development



**Career development resources for researchers**

FIND PERSONALISED ASSISTANCE    FIND INFORMATION

NEW TO CAREER DEVELOPMENT    INDUSTRY AND ENTREPRENEURSHIP    TOOLS AND RESOURCES    POLICY RECOMMENDATIONS

### International Mentoring Programme

Take part in the Mentoring Programme "Shape the future of a researcher coming to Europe" and sharpen your professional and interpersonal skills by mentoring researchers coming from outside of the European Research Area. Find interesting and international networking opportunities while you support researchers' integration in another country.

[JOIN NOW](#)



## C. EURAXESS – Component 5: EURAXESS Worldwide



## C. EURAXESS – Australia and New Zealand



**EURAXESS AUSTRALIA & NEW ZEALAND**

EURAXESS Australia & New Zealand link researchers of Australia and New Zealand with Europe. We provide free information about European research, career opportunities, international collaboration & networking possibilities.

**SIGN UP & BECOME A MEMBER FOR FREE**

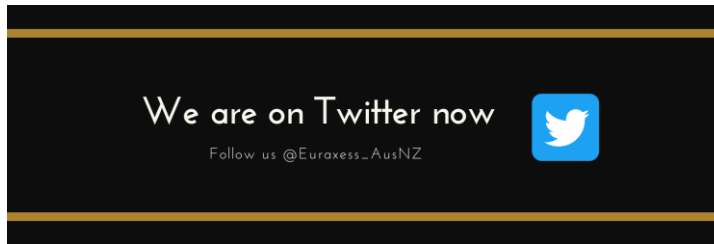
NEWS & EVENTS | CAREER & FUNDING | PUBLICATIONS | USEFUL INFORMATION | ABOUT & CONTACT

Started operating  
from January 2020

7,800+ Members

≈ 100 USyd, 100  
UNSW, 60 UWS, 20  
UOW researchers

## C. EURAXESS ANZ – Social Media





## Contact:

Nishant Shandilya  
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EURAXESS Australia and New Zealand  
[nishant.shandilya@euraxess.net](mailto:nishant.shandilya@euraxess.net)

[Sign up for free membership](#)





# Additional Slides

## B. MSCA – Australian Participation (2014 -2020)

### H2020 Key facts and figures (2014-2020)

Number of AU researchers funded by MSCA:	<b>235</b>
EU budget awarded to AU organisations (EUR million):	<b>0.26</b>
Number of AU organisations in MSCA:	<b>47</b>

Action	Number of Participations of AU organisations*		EU contribution (in EUR million) to AU organisations	Number Of Projects	AU researchers involved	Researchers going to AU organisations
COFUND	9	(9)	N/A	7	40	0
IF	82	(82)	N/A	81	119	81
ITN	26	(25)	0.26	24	33	1
RISE	88	(88)	N/A	63	43	396
<b>Total:</b>	<b>205</b>	<b>(204)**</b>	<b>0.26</b>	<b>175</b>	<b>235</b>	<b>478</b>

\* Number of Participations is the number of participations by organisations i.e. the total number of times that organisations in this country have participated in each action.

\*\*In brackets - partner organisations (included in the total number).

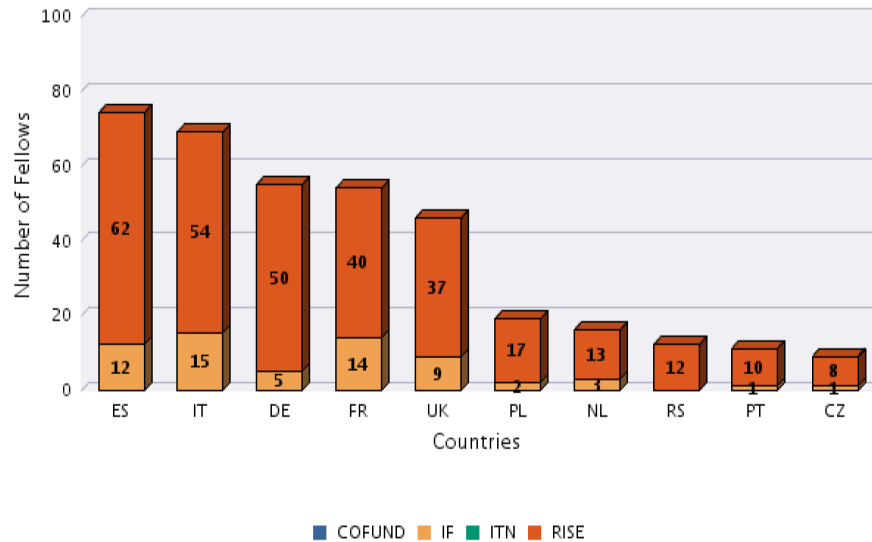
## B. MSCA – Australian Participation (2014 -2020)

### Top AU participating organisations in terms of number of participations

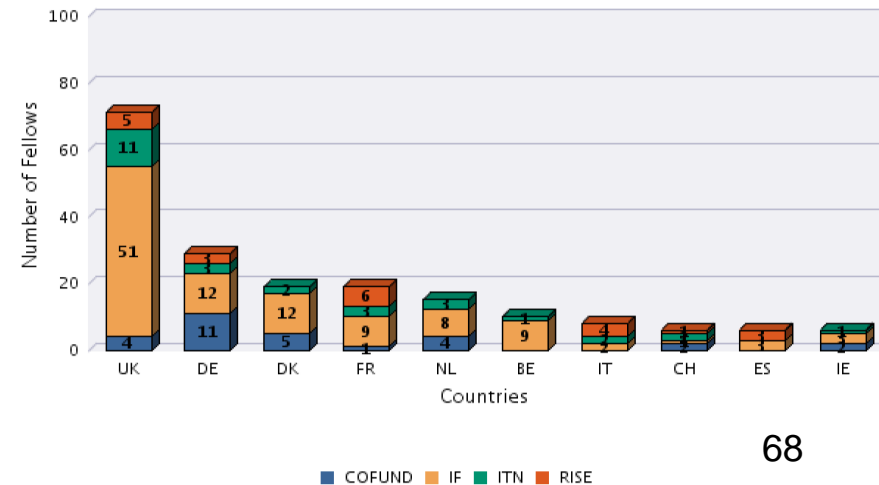
Name	Number of participations
THE UNIVERSITY OF SYDNEY	24
THE AUSTRALIAN NATIONAL UNIVERSITY	22
THE UNIVERSITY OF QUEENSLAND	16
UNIVERSITY OF MELBOURNE	16
MONASH UNIVERSITY	14

## B. MSCA – Australian Participation (2014 -2020)

Fellows going to AU, grouped by their nationality (top 10 nationalities)

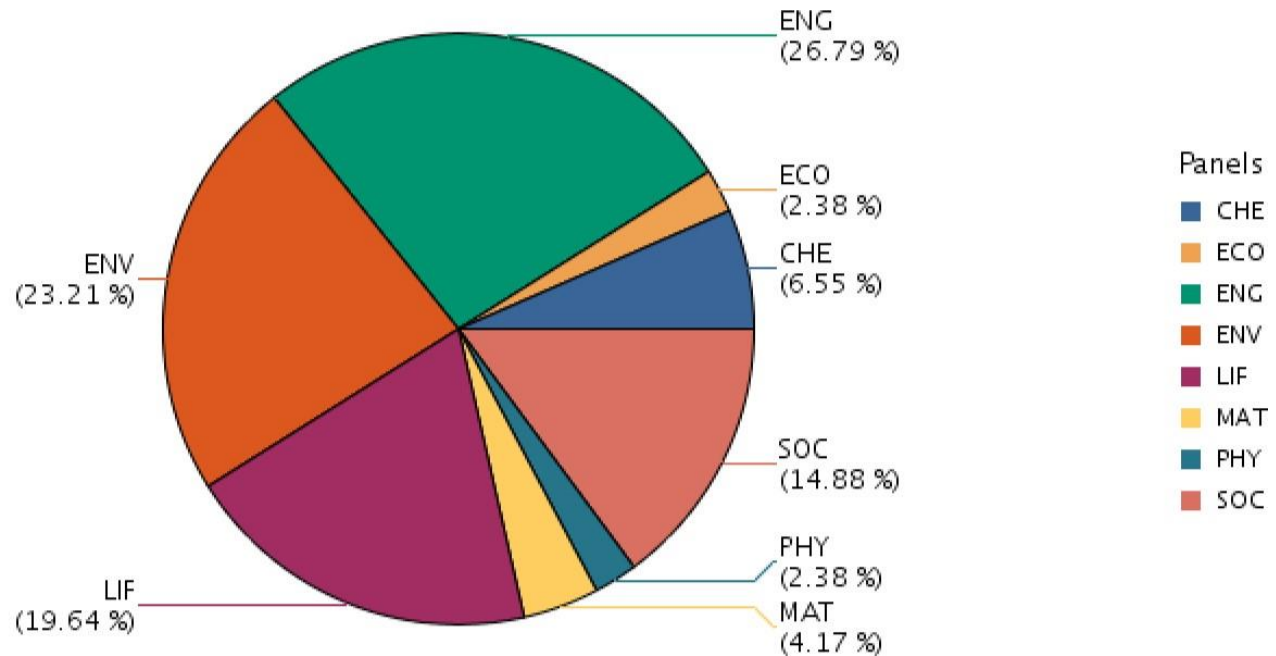


AU fellows (nationals) grouped by country of destination (top 10 countries)



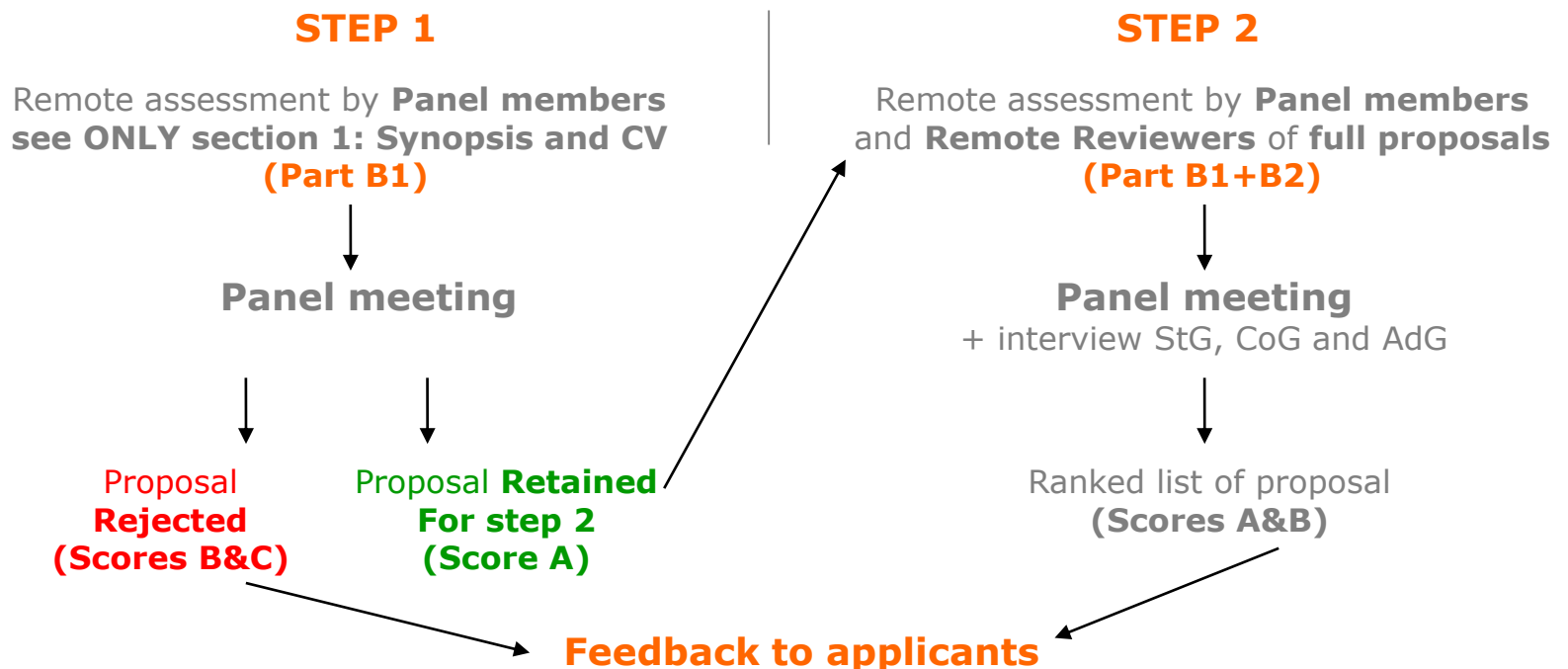
## B. MSCA – Australian Participation (2014 -2020)

Project distribution by scientific panel (AU)



## B. ERC – How are the ERC proposal evaluated

For individuals calls: a single submission but a two-step evaluation



## B. ERC – Evaluation Process



# Excellence

is the sole evaluation criterion

### Excellence of the Research Project

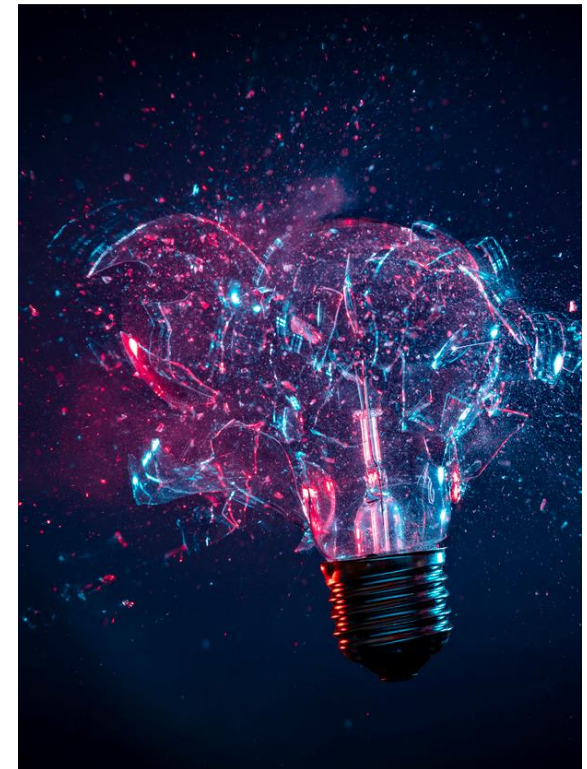
- Ground breaking nature
- Potential impact
- Scientific Approach

### Excellence of the Principal Investigator

- Intellectual capacity
- Creativity
- Commitment

## B. ERC – Contrary to what you may think

- ERC funds "frontier research", including applied research.
- The budget is distributed among the scientific panels as a function of demand.
- The panel descriptors do not represent ERC scientific priorities.
- Publication record is not decisive in selection decisions.
- The Host Institution is not an evaluation criterion.





## B. ERC – Some Rumors

**Rumour 1:** You can only apply for an ERC grant if you are a highly accomplished scientist.

✘ **NOT true:** Accomplishments are appreciated in relation to your stage/seniority as giving some evidence of your capacity to conduct the research you propose and of creativity within the past 10-12 years of your career.

**Rumour 2:** To be successful, you need to continue on an established research line, to prove continuity and credibility

✘ **NOT true:** Generally, the opposite is true.

**Rumour 3:** If you have already obtained an ERC grant you are less/more likely to get another one.

✘ **NOT true:** Panels look at each proposal on its own merit and in comparison with the other applications, irrespectively of whether you have or have not obtained an ERC grant in the past. (Of course this does not apply for applications to a Proof of Concept grant.)

**Rumour 4:** The more socially or medically relevant a grant proposal is, the higher the chances of it getting funded.

✘ **NOT true:** ERC funds frontier research, not research that promises to be only an incremental advancement of knowledge. This is irrespectively of the field and whether it has societal, medical or clinical applications.

## B. Pillar II – Missions

- Within Pillar II, Horizon Europe incorporates missions to increase the effectiveness of funding by pursuing clearly defined targets with a concrete impact on citizen's daily lives.
- [Horizon Europe Work Programme 23-24 Missions](#) has an estimated budget of Euro 614.23 million.

### FIVE MISSIONS

**Missions have ambitious goals and will deliver concrete results by 2030.**



**cancer:** improve the lives of more than 3 million people



make 150 regions and communities **climate resilient**



restore our **ocean and waters**



achieve 100 **climate-neutral and smart cities**



create 100 living labs and lighthouses to lead the transition towards **healthy soils**

## C. EURAXESS ANZ: Benefits – The Portal

### NEWS



13 Sep 2023

**23 PhD positions available in Synchrotron Methods and Applications**

PRISMAS – PhD Research and Innovation in Synchrotron Methods and Applications in Sweden – is a new doctoral programme training the next generation of leading synchrotron experts. The program will train 40 curious, problem-solving PhD students in advanced synchrotron methodologies and techniques and



12 Sep 2023

**12 PhD positions available in Epithelial Biology**

SurfEx is a Marie Skłodowska Curie Action Doctoral Network (MSCA-DN) offering 12 positions for doctoral candidates (DCs, 10 funded by EU and 2 funded by UKRI). At SurfEx, we unite academic and non-academic partners to develop new insights into the formation and functioning of epithelial tissues. We



11 Sep 2023

**10 Postdoctoral Fellowships open to all fields of research within the MSCA COFUND programme YIA**

The University of Luxembourg has secured funding from the European Union's flagship research program, within the Marie Skłodowska-Curie Actions COFUND for Young International Academics (YIA) postdoctoral programme. The funding will support ambitious postdoctoral research projects at the Institute



8 Sep 2023

**The European Commission and the UK Government have reached an agreement on the UK's association to Horizon Europe**

On 7 September 2023, the European Commission and the UK Government have concluded negotiations and reached an agreement in principle on the association of the UK to Horizon Europe and Copernicus under the Trade and Cooperation Agreement. This is a landmark moment for scientific and space

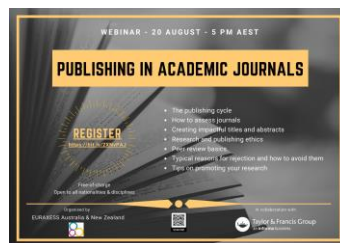
## C. EURAXESS ANZ: Benefits – Targeted Information



NEWSLETTERS

FLASHNOTES

## C. EURAXESS ANZ: Benefits – Webinars



## C. EURAXESS ANZ: Benefits – Missions/Institutional Visits

EURAXESS AUSTRALIA & NEW ZEALAND ROADSHOW



*New Zealand*  
15-19 Aug 2022



Wellington  
15-16 Aug



Auckland  
17-18 Aug



Christchurch  
19 Aug



MISSION TO  
*Victoria*  
10-12 May 2023



## C. EURAXESS ANZ: Benefits – Flagship Events




## C. EURAXESS ANZ: Benefits – Interviews

IN CONVERSATION WITH

**MARIE SKŁODOWSKA-CURIE  
ACTIONS GLOBAL FELLOW  
DR AMANDA PETERSEN**




*Presented to you by*  
EURAXESS Australia & New Zealand




*Coffee chat with  
a Science  
Diplomat*

EPISODE 1

*Presented to you by*  
EURAXESS Australia & New Zealand

