SESSION OUTLINE

• Opening Remarks - Helena Pereira, FCT

• FCT and Portugal in Europe Research and Innovation Network (PERIN) – Rui Munhá, FCT

• Horizon Europe – Pillar I, European Research Council
  • Rui Munhá/Luis Mota (NCPs), Marta Moita (F.Champalimaud), Pedro Camanho (FEUP)

• Horizon Europe – Pillar I, Marie Sklodowska-Curie Actions
  • Luis Mota/David Marçal (NCPs), Carlos Rodrigues (UA)

• Horizon Europe – Pillar I, Research Infrastructures
  • Marta Abrantes/Daniel Carapau (NCPs), Adelino Canário (UAlg)
Horizon Europe – Pillar I (Scientific Excellence)

European Research Council
Marie Sklodowska-Curie Actions
European Research Infrastructures
Opening Remarks: Strategic Outline

**Leverage Effect & Complementarity**
- National Funds
- Structural Funds
- European Funds

**Targets**
- Participation Levels & Success Rates
- Internationalisation of the R&I Community
- Institutional Strengthening
- Research Careers
- Leverage and Defragmentation of Funds
- Knowledge: Production, Dissemination and Impact

**Cooperation & Interlinkages**
- Institutional Funding
- R&D Projects
- Horizon Europe
- Scientific Employment
- Cohesion & Regional Development
- Diaspora
- Advanced Training
Horizon Europe: 2021-2027

**Pillar I**
Excellent Science
- European Research Council
- Marie Skłodowska-Curie Actions
- Research Infrastructures

**Pillar II**
Global Challenges and European Industrial Competitiveness
- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

**Pillar III**
Innovative Europe
- European Innovation Council
- European innovation ecosystems
- European Institute of Innovation and Technology

**Widening Participation and Strengthening the European Research Area**
- Widening participation and spreading excellence
- Reforming and Enhancing the European R&I system

**Horizon Europe Budget Breakdown**
- Widening
- Pillar I
- Pillar II
- Pillar III
Horizon Europe: 2021-2027

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  - EURATOM
European Research Council

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Investigator-driven programme supporting frontier research through a bottom-up, pan-European competition in all fields of science

- Develop your own ideas
- Financial autonomy
- Leadership and Independence to choose your research team and collaborators (without country restrictions)
- Negotiate working conditions with Host Institution
- Grant Portability inside the EU (and Associated Countries)
- Attract additional funding
European Research Council: Introduction

**TYPE OF PROPOSALS**
- Interdisciplinary research
- New and emerging research topics, beyond the current state-of-the-art, including applied research
- High risk / High gain approach
- Audacious, unconventional, innovative
- Viable and with sound implementation

**PRINCIPAL INVESTIGATOR**
- All Nationalities
- All Ages
- All Genders
- All Career Stages

**HOST INSTITUTION**
- Public or Private
- From an EU Member State or Associated Country
- Host institution is not an evaluation criterion
**European Research Council: Grants**

**Starting Grants**
- Early Stage Career
- 2-7 years after PhD.
- (≥ 50% commitment)
- Up to 1.5 M€, 5 years

**Consolidator Grants**
- Career Consolidation
- 7-12 years after PhD.
- (≥ 40% commitment)
- Up to 2.0 M€, 5 years

**Advanced Grants**
- Significant track record
- Achievements in the last 10 years
- (≥ 30% commitment)
- Up to 2.5 M€, 5 years

**Proof-Of-Concept**
- Bridging research and earliest stage of marketable innovation
- 150 K€ for ERC Grant Holders **ONLY**

**Synergy Grants**
- Joint breakthrough knowledge which cannot be achieved by a single PI
- 2-4 PIs, Up to 10 M€, 6 years
## European Research Council: Calendar *

*Provisional dates, depend on formal approvals

<table>
<thead>
<tr>
<th>Call identifier</th>
<th>Starting Grant</th>
<th>Consolidator Grant</th>
<th>Advanced Grant</th>
<th>Proof of Concept Grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Call identifier</td>
<td>ERC-2021-StG</td>
<td>ERC-2021-CoG</td>
<td>ERC-2021-AdG</td>
<td>ERC-2021-PoC</td>
</tr>
<tr>
<td>Call opens</td>
<td>12/01/2021</td>
<td>21/01/2021</td>
<td>20/05/2021</td>
<td>14/01/2021</td>
</tr>
<tr>
<td>Call closes</td>
<td>09/03/2021</td>
<td>20/04/2021</td>
<td>31/08/2021</td>
<td>16/03/2021</td>
</tr>
<tr>
<td>(cut-off dates for PoC)</td>
<td>09/03/2021</td>
<td>20/04/2021</td>
<td>31/08/2021</td>
<td>16/03/2021</td>
</tr>
<tr>
<td>Indicative date for signature of grant agreements (by cut-off date for PoC)</td>
<td>19/04/2022</td>
<td>26/07/2022</td>
<td>10/09/2022</td>
<td>28/10/2021</td>
</tr>
<tr>
<td></td>
<td>19/04/2022</td>
<td>26/07/2022</td>
<td>10/09/2022</td>
<td>28/10/2021</td>
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<tr>
<td></td>
<td>27/05/2022</td>
<td></td>
<td></td>
<td>27/05/2022</td>
</tr>
</tbody>
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MSC Actions

- Based on mobility (international, intersectoral, interdisciplinary);
- All scientific domains;
- Strong focus on participation of industry, SMEs and non-academia partners;
- Level of involvement is proportional to the participant's needs.
Marie Skłodowska-Curie Actions

**Doctoral Networks**
*(Innovative Training Networks)*
Integration of panels
360 PMs (+180 PMs for Industrial and Joint Doctorates)

**Postdoctoral Fellowships**
*(Individual Fellowships - IFs)*
Integration of Panels
12-24 m. for European Fellowships;
24-36 m. for Global Fellowships
(+ 6 m. in non-academic partner)

**Staff Exchange**
*(Research and Innovation Staff Exchange – RISE)*
Intersectoral secondments are privileged but interdisciplinary are possible within Europe

**COFUND**
*(COFUND)*
Maximum of 10 M € and 60 months; minimum of 3 hired researchers
Focus on new beneficiaries

**Citizens**
*(European Researchers’ Night)*
Events up to 2 days
Focus on Green Deal
# Marie Skłodowska-Curie Actions: Calendar

## PROVISIONAL CALENDAR OF CALLS *(MAY BE SUBJECT TO CHANGE)*

<table>
<thead>
<tr>
<th>Action</th>
<th>Opens</th>
<th>Closes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doctoral Networks</td>
<td>04 May 2021</td>
<td>16 Nov. 2021</td>
</tr>
<tr>
<td>Postdoctoral Fellowships</td>
<td>15 Apr. 2021</td>
<td>15 Sep. 2021</td>
</tr>
<tr>
<td>Staff Exchanges</td>
<td>15 Apr. 2021</td>
<td>22 Sep. 2021</td>
</tr>
<tr>
<td>COFUND</td>
<td>22 Apr. 2021</td>
<td>06 Oct. 2021</td>
</tr>
<tr>
<td>Citizens</td>
<td>17 Jun. 2021</td>
<td>16 Nov. 2021</td>
</tr>
</tbody>
</table>
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Horizon Europe – Pillar I, Marie Skłodowska-Curie Actions

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Research Infrastructures

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Research Infrastructures play a central role in the European Research Area

- **Research infrastructure ecosystem:**
  - Resources and services for researchers and industry
  - European AND national infrastructures
  - Equipment / sets of instruments
  - Collections, archives, datasets
  - Computing networks
  - Communication systems
  - Single sited, distributed, virtual
  - ...

- **Curiosity driven frontier research**
- **Supporting innovation**
- **Creating (open) data**
- **Education**
- **Capacity building**
- **Innovation hubs**
- **Pan-European networks**

- **Contribution to EU key objectives:**
  - Green Deal (e.g. battery alliance)
  - Recovery and Resilience (e.g. R&I services)
  - Response to pandemics (e.g. COVID19 data platform)
  - ERA objectives (e.g. education, innovation)
  - EC priorities (e.g. open data platforms, innovation)
The **Research Infrastructure (RI) programme** aims at funding activities to ensure:

- joint planning and deployment of upgrades & new facilities;
- access for researchers across the EU, and training in RI services;
- continuous improvement of their services and align their offer to better tackle societal challenges;
- networking of national and European RIs;
- that European RIs continue to develop jointly services to achieve strategic objectives;
- national commitment and sustainable funding for RI operation;

Funding opportunities for RIs are not limited to Pillar 1 of Horizon Europe. **Missions, clusters, and partnerships in Pillar 2** provide numerous additional possibilities.
The HE approach requires to shift the focus from addressing a specific class of RIs to challenge-driven topics and/or large scientific domains; HE RI topics are conceived to involve different RIs, even beyond those associated with their scientific domain, to ensure a multidisciplinary approach in addressing the identified challenge or in supporting curiosity-driven research.

The Work Programme (WP) is organized in five Destinations:

**Destination #1:** Developing, consolidating and optimising European Research Infrastructures landscape, maintaining global leadership

**Destination #2:** Enabling an operational, open and FAIR EOSC ecosystem

**Destination #3:** RI services to support health research, accelerate the green and digital transformation, and advance frontier knowledge

**Destination #4:** Next generation of scientific instruments, tools and methods and advanced digital solutions

**Destination #5:** Network connectivity - enabler for collaboration without boundaries
<table>
<thead>
<tr>
<th>TOPICS – Calls for proposals</th>
<th>Expected proposal size (M€)</th>
<th>Type of action</th>
<th>Expected call year</th>
</tr>
</thead>
<tbody>
<tr>
<td>RI concept development</td>
<td>1 - 3</td>
<td>RIA</td>
<td>2022</td>
</tr>
<tr>
<td>Preparatory phase of new ESFRI RI projects</td>
<td>1.5 - 3</td>
<td>CSA</td>
<td>2021</td>
</tr>
<tr>
<td>Support to ESFRI</td>
<td>1.5 - 2.5</td>
<td>CSA</td>
<td>2021</td>
</tr>
<tr>
<td>Strengthen the bilateral cooperation on RIs with Africa: improving the knowledge base on climate change</td>
<td>0.8 - 1.5</td>
<td>CSA</td>
<td>2021</td>
</tr>
<tr>
<td>Transition to digital/remote RI access and service provision: lessons learnt, needs and best practices</td>
<td>0.8 - 1.5</td>
<td>CSA</td>
<td>2021</td>
</tr>
</tbody>
</table>
## Destination 2 - Enabling an operational, open and FAIR EOSC ecosystem

<table>
<thead>
<tr>
<th>SRIA objectives</th>
<th>TOPICS – Calls for proposals</th>
<th>Expected proposal size (M€)</th>
<th>Type of action</th>
<th>Expected call year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open science practices and skills are rewarded and taught, becoming the ‘new normal’</td>
<td>Supporting an EOSC-ready digitally skilled workforce</td>
<td>5-7</td>
<td>CSA</td>
<td>2021</td>
</tr>
<tr>
<td></td>
<td>Supporting the development and coordination of activities of the EOSC Partnership</td>
<td>2-4</td>
<td>CSA</td>
<td>2021</td>
</tr>
<tr>
<td></td>
<td>Services and tools to underpin a research assessment system that incentivises open science practices</td>
<td>2-3</td>
<td>RIA</td>
<td>2022</td>
</tr>
<tr>
<td></td>
<td>Improving &amp; coordinating technical infrastructure for institutional OA publishing across Europe</td>
<td>3-5</td>
<td>RIA</td>
<td>2022</td>
</tr>
<tr>
<td>Sustainable and federated infrastructures enable open sharing of scientific results</td>
<td>Deploying EOSC-Core components for FAIR</td>
<td>7-10</td>
<td>RIA</td>
<td>2021</td>
</tr>
<tr>
<td></td>
<td>Innovative and customisable services for EOSC</td>
<td>3-5</td>
<td>RIA</td>
<td>2021</td>
</tr>
<tr>
<td>Standards, tools and services allow researchers to find, access reuse and combine results</td>
<td>Enabling discovery and interoperability of federated research objects across scientific communities</td>
<td>7-10</td>
<td>CSA</td>
<td>2021</td>
</tr>
<tr>
<td></td>
<td>FAIR &amp; open data in support of European preparedness for infectious diseases</td>
<td>5-10</td>
<td>RIA</td>
<td>2021</td>
</tr>
<tr>
<td></td>
<td>FAIR &amp; open data in support of “Mission Conquering Cancer: Mission Possible”</td>
<td>5-10</td>
<td>RIA</td>
<td>2021</td>
</tr>
<tr>
<td></td>
<td>FAIR &amp; open data in support of “Mission Starfish 2030: Restore our Ocean and Waters”</td>
<td>5-10</td>
<td>RIA</td>
<td>2022</td>
</tr>
<tr>
<td></td>
<td>Support for initiatives helping to generate global standards, specifications and recommendations for open sharing of FAIR data, publications &amp; software</td>
<td>1-2</td>
<td>CSA</td>
<td>2022</td>
</tr>
</tbody>
</table>
## Destination 3 - RI services to support health research, accelerate the green and digital transformation, and advance frontier knowledge

<table>
<thead>
<tr>
<th>TOPICS – Calls for proposals</th>
<th>Expected proposal size (M€)</th>
<th>Type of action</th>
<th>Expected call year</th>
</tr>
</thead>
<tbody>
<tr>
<td>RIs services for rapid research responses to infectious disease epidemics</td>
<td>7 - 15</td>
<td>RIA</td>
<td>2021</td>
</tr>
<tr>
<td>RIs services to support research addressing cancer</td>
<td>7 - 15</td>
<td>RIA</td>
<td>2021</td>
</tr>
<tr>
<td>RIs services for a sustainable and resilient agriculture and agro-ecological transitions</td>
<td>7 - 15</td>
<td>RIA</td>
<td>2021</td>
</tr>
<tr>
<td>RIs services for responding to climate-related risks on the environment</td>
<td>7 - 15</td>
<td>RIA</td>
<td>2021</td>
</tr>
<tr>
<td>RIs services enabling the development of materials for a circular economy</td>
<td>7 - 15</td>
<td>RIA</td>
<td>2021</td>
</tr>
<tr>
<td>RIs services for sustainable and inclusive Global Value Chain and EU recovery from socio-economic crisis</td>
<td>7 - 15</td>
<td>RIA</td>
<td>2021</td>
</tr>
<tr>
<td>Enabling RI services for better use of imaging data to address challenges in thematic research areas</td>
<td>3 - 5</td>
<td>RIA</td>
<td>2022</td>
</tr>
<tr>
<td>EBRAINS - Empowering neuroscience for health and brain inspired technology</td>
<td>40</td>
<td>RIA</td>
<td>2022</td>
</tr>
<tr>
<td>RIs services advancing frontier knowledge</td>
<td>7 - 15</td>
<td>RIA</td>
<td>2021</td>
</tr>
</tbody>
</table>
### TOPICS – Calls for proposals

<table>
<thead>
<tr>
<th>Topic</th>
<th>Expected proposal size (M€)</th>
<th>Type of action</th>
<th>Expected call year</th>
</tr>
</thead>
<tbody>
<tr>
<td>R&amp;D for the next generation of scientific instrumentation, tools and methods</td>
<td>5 – 10</td>
<td>RIA</td>
<td>2022</td>
</tr>
<tr>
<td>Interdisciplinary digital twins for modelling and simulating complex phenomena at the service of RI communities</td>
<td>10 - 15</td>
<td>RIA</td>
<td>2021</td>
</tr>
</tbody>
</table>
# Destination 5 - Network connectivity in Research and Education - Enabling collaboration without boundaries

<table>
<thead>
<tr>
<th>TOPICS</th>
<th>Expected proposal size (M€)</th>
<th>Type of action</th>
</tr>
</thead>
<tbody>
<tr>
<td>FPA for Research and Education Networks</td>
<td></td>
<td>FPA</td>
</tr>
<tr>
<td>Networking and collaboration services and investments in long-term capacity for Research and Education Networks in Europe</td>
<td>~40</td>
<td>SGA</td>
</tr>
<tr>
<td>Investments on international connectivity and collaboration</td>
<td>~40</td>
<td>SGA</td>
</tr>
</tbody>
</table>
If you aim to collaborate or already collaborate with European Research Infrastructures or networks and want to know more about these funding opportunities, contact us!

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Horizon Europe – Pillar I, European Research Infrastructures

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Horizon Europe: 2021-2027

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SESSION OUTLINE

• Opening Remarks – José Paulo Esperança, FCT

• FCT and Portugal in Europe Research and Innovation Network (PERIN) – Luís Mota, FCT

• Horizon Europe – Horizontal Activity (Widening)
  • Rui Munhá/Luis Mota (NCPs)

• Design and Implementation of a Teaming Project
  • Rodrigo Cunha (UC)

• Concluding Remarks
Horizon Europe – Horizontal Activity (Widening)
TWINNING, TEAMING, ERA-CHAIRS, COST, and others...
Opening Remarks: Strategic Outline

**Leverage Effect & Complementarity**
- National Funds
- Structural Funds
- European Funds

**Targets**
- Participation Levels & Success Rates
- Internationalisation of the R&I Community
- Institutional Strengthening
- Research Careers
- Leverage and Defragmentation of Funds
- Knowledge: Production, Dissemination and Impact

**Cooperation & Interlinkages**
- Institutional Funding
- R&D Projects
- Horizon Europe
- Cohesion & Regional Development
- Diaspora
- Advanced Training
- Scientific Employment
Horizon Europe: 2021-2027

Pillar I
Excellent Science

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

Pillar II
Global Challenges and European Industrial Competitiveness

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

Joint Research Centre

Pillar III
Innovative Europe

- European Innovation Council
- European innovation ecosystems
- European Institute of Innovation and Technology

Widening Participation and Strengthening the European Research Area

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

Horizon Europe Budget Breakdown

- Widening
- Pillar I
- Pillar II
- Pillar III
Horizon Europe: 2021-2027

FCT: NCPs and National Delegates

- **Pillar 1**: Excellent Science
  - European Research Council
  - Marie Skłodowska-Curie Actions
  - Research Infrastructures

- **Pillar 2**: Global Challenges and European Industrial Competitiveness
  - Clusters
    - Health
    - Culture, Creativity and Inclusive Society
    - Civil Security for Society
    - Digital, Industry and Space
    - Climate, Energy and Mobility
    - Food, Bioeconomy, Natural Resources, Agriculture and Environment

- **Pillar 3**: Innovative Europe
  - European Innovation Council
  - European Innovation Ecosystems
  - European Institute of Innovation and Technology

- **Silva 2023**: ERC, Widening

- **Silva 2023**: ERC, MSCA, Widening
  - JRC, EURATOM

- **Silva 2023**: ERC, MSCA, Widening
  - JRC, EURATOM

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- **Rls**
- **EURATOM**
Horizontal Activity (Widening)

Widening Participation and Strengthening the European Research Area: *Empowering People and Institutions*

NCPs and National Delegates

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Horizontal Activity (Widening): Introduction

Problems

• Disparities between national R&I systems (R&I divide is a reality), which translate into low participation levels and below average success rates;
• Information and language barriers;
• Lack of professional contacts and research networks, as well as supporting management/administrative structures;
• Lack of leadership experience and specialised training at research organisations in proposal submission and transnational collaborative projects;
• Low connectivity and little experience in cross-country cooperation;
• Generally, low focus on R&I in policy and in business and few options for exploitation of research results at the national level.

Solutions

• Capitalising on synergies with other policy domains and funding programmes;
• Consider other parts of the Framework Programme and cover also actions to be undertaken by MS and regions themselves;
• Strive towards more excellence and promote a more inclusive approach in which all can participate and from which all can benefit.
Horizontal Activity (Widening): Introduction

EU MEMBER STATES

- Albania
- Armenia
- Bosnia & Herzegovina
- Faroe Islands
- Georgia
- Iceland
- Israel
- North Macedonia
- Moldova
- Montenegro
- Norway
- Serbia
- Tunisia
- Turkey
- United Kingdom
- Ukraine
- Switzerland

EU ASSOCIATED COUNTRIES

- Bulgaria
- Croatia
- Cyprus
- Czech Rep.
- Estonia
- Greece
- Hungary
- Latvia
- Lithuania
- Malta
- Poland
- Portugal
- Romania
- Slovakia
- Slovenia

WIDENING COUNTRIES

- Albania
- Armenia
- Bosnia & Herzegovina
- Faroe Islands
- North Macedonia
- Georgia
- Moldova
- Montenegro
- Serbia
- Tunisia
- Turkey
- Ukraine
Horizontal Activity (Widening): Introduction

Strategic Goals

1. Incite reforms and transformation processes
2. Mobilise national investments
3. Raise the bar for excellence of R&I actors
4. Increase number of participations and success rates.
5. Promote the creation and upscaling of innovation ecosystems
6. Foster brain circulation and inter-sectorial mobility
Horizontal Activity (Widening): Introduction

- **Synergies**
  - Regional Policy
  - Neighbourhood Policies

- **Reforms and Transformation**
  - TEAMING for Excellence
  - Excellence UNIVERSITIES
  - ERAdvance
  - Policy Support Facility

- **Capacity Building and Inclusiveness**
  - NCP Support
  - HOP-ON
  - SEAL OF EXCELLENCE
  - LINK TO ERC, EIT, RIs

- **Linking Science and Business**
  - Excellence HUBS
  - EIC Accelerator (Widening Scale-Up)
  - Innovation in HEIs

- **Connectivity**
  - COST
  - TWINNING

- **Brain Circulation**
  - ERA Policy Initiative
  - ERA-CHAIRS

**Reforms and Transformation**
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**Connectivity**
- COST
- TWINNING

**Brain Circulation**
- ERA Policy Initiative
- ERA-CHAIRS
Horizontal Activity (Widening): traditional instruments

**TWINNING**
Institutional Networking
Strengthen Specific Research Field
Widening linked to at least 2 leading RPOs in MS or AC
NEW: 25% of Requested Funding allocated to Research

**ERA-CHAIRS**
Bringing Excellence to Institutions
NEW: Two Parties Applications (coordinator and partner organisations); 10% Requested Funding to Research; Extended Duration

**TEAMING FOR EXCELLENCE**
Institutional Building
Centres of Excellence in a Research Field
NEW: 2 Phases replaced by 1 Phase in a two-stage evaluation

**COST**
Networking Actions
NEW: 50% of the budget will have to directly benefit Widening Countries; 80% of Activities will have significant Widening Dimension; COST Innovator Grant; COST Academy
**Horizontal Activity (Widening): Novelties**

**EXCELLENCE HUBS**
At least two widening possibly extended to partners outside and ability to conduct Pilots

**EXCELLENCE UNIVERSITIES**
Excellence combined with inclusiveness. R&I dimension of the European Universities Initiative; Inclusiveness KPI tbd

**BRAIN CIRCULATION**
Attract Talent
Succeeds Widening Fellowships Pilot
Similar conditions to MSCA Postdocs
**Important:** 2 years, implemented through MSCA mechanisms, in view of more permanent positions

**HOP ON**
Improve Inclusiveness on Collaborative R&I projects
Open Up Closed Networks and Silos
**Important:** up to 5% top-up to project budget. Maximum of 3% of Widening Budget to this Activity
Twinning: Institutional Networking

**AIM OF THE ACTION**

Strengthen a defined field of research in a higher education institution or research organisation from a Widening country by linking it with at least two internationally-leading research institutions in other Member States or Associated Countries.

**MAIN OBJECTIVES**

- Enhance the S&T capacity of the institutions (focus on institution in Widening country)
- Raise the research profile of the institution and of its research staff

**TWINNING**

Institutional Networking

Strengthen Specific Research Field

Widening institution linked to at least 2 leading RPOs in MS or AC

NEW: 25% of Requested Funding allocated to Research
Twinning: Institutional Networking

**TWINNING**
Institutional Networking
Strengthen Specific Research Field

- **Project Dimension:** up to 1.5 M€
- **Project Duration:** up to 3 years
- **Coordinator:** institution located in a Widening MS/AC
- **Consortium:** minimum of TWO additional partners from two different MS or AC other than the country of the coordinator

**ACTIVITIES**

- Short term staff exchanges;
- Expert visits and short-term training;
- Workshops; conference attendance; organisation of joint summer-school type activities;
- Dissemination, networking and outreach activities;
- ~25% of requested funding eligible for research, consumables and small equipment.

NEW!
**Twinning: Institutional Networking**

**TWINNING**

Institutional Networking

Strengthen Specific Research Field

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**IMPACTS**

- increased *level of research excellence* of the coordinating institution in the particular field of research;
- improve the *R&I culture* of the coordinator country;
- enhanced *reputation, attractiveness* and *networking* channels;
- openness for *creativity*, development of *new approaches* and staff exchanges, which will boost *brain circulation*;
- Improved *capability to succeed* in competitive research funding;
COST: Activities Connecting People and Ideas

**COST Networking Actions**

- **50% of the budget** will have to directly benefit Widening Countries;
- **80% of Activities** will have significant Widening Dimension;
- **COST Innovator Grant; COST Academy**

**AIM OF THE ACTION**

Strengthen a **defined field of research** in a higher education institution or research organisation from a **Widening country** by linking it with **at least two internationally-leading** research institutions in other Member States or Associated Countries.

**MAIN OBJECTIVES**

- **Enhance the S&T capacity** of the institutions-
  Focus on institution in Widening country
- **Raise the research profile** of the institution and of its research staff
**Open spaces where you can grow**

**COST Networking Activities:**
COST Actions (networks on a particular topic, collaborating across borders). Other networking instruments are available for those participating (or not) in COST Actions.

- **INNOVATOR GRANT**
- **ACADEMY**
- **CROSS CUTTING ACTIVITIES**
- **CONNECT**

**Submit a proposal for a new COST Action**

**Express interest in joining a running COST Action**
COST: Activities Connecting People and Ideas

Activity Plan: 4 years to make use of COST tools

- MC & CORE GROUP MEETINGS
- SHORT TERM MISSIONS
- TRAINING SCHOOLS
- WG MEETINGS
- WORKSHOPS & CONFERENCES
- DISSEMINATION

COST DOES NOT FUND HUMAN RESOURCES*, CONSUMABLES AND EQUIPMENT

* Exception is administrative support to the management of the COST Action
ERA-CHAIRS: Bringing Excellence

AIM OF THE ACTION
Create the appropriate conditions and attract in a sustainable manner outstanding scientists and team members as game changers to universities or research organisations in catching up countries and regions with the potential for excellence.

MAIN OBJECTIVES

- Support for universities or research organisations to hire an outstanding researcher/research manager and their team;
- Institutions should implement structural changes to achieve excellence on a sustainable basis in the chosen scientific domain and to modify their R&I landscape;
- Raise the attractivity of the institution and promote a healthy and balanced brain circulation;

NEW!

- Two Parties Applications (coordinator and partner organisation);
- 10% Requested Funding to Research; Extended Duration
ERA-CHAIRS: Bringing Excellence to Institutions

- **Project Dimension:** up to 2.5 M€
- **Project Duration:** up to 6 years
- **Coordinator:** institution located in a Widening MS/AC
- **Consortium:** additional partner organisation

**ERA-CHAIR HOLDER**

- Position must be **open to all EU and non-EU nationals** (R4 – Leading researcher level)

  - **ERA-Chair Holder:**
    - Excellent researcher and research manager in the given field;
    - Proven leadership record;
    - Establishes own team, integrated in the host;
    - Position should allow to make decisions regarding resource allocation, supervise team members, and apply for research funding;
ERA-CHAIRS: Bringing Excellence to Institutions

**ERA-CHAIRS**

**Bringing Excellence to Institutions**

- **Project Dimension**: up to 2.5 M€
- **Project Duration**: up to 6 years

- **Coordinator**: institution located in a Widening MS/AC
- **Consortium**: additional partner organisation

**ACTIVITIES**

I. **ELIGIBLE COSTS RELATED TO ERA-CHAIR HOLDER AND TEAM**
   - Salaries
   - Recruitment costs
   - Administrative costs
   - Travel costs

II. **ELIGIBLE COSTS RELATED TO STRUCTURAL CHANGES**
   - Trainings
   - Meetings
   - Publications & IPR
   - Research, Consumables and Small Equipment: up to 10%
ERA-CHAIRS: Bringing Excellence

**ERA-CHAIRS**
Bringing Excellence to Institutions

- **Project Dimension**: up to 2.5 M€
- **Project Duration**: up to 6 years
- **Coordinator**: institution located in a Widening MS/AC
- **Consortium**: additional partner organisation

**IMPACTS**

- Institutional changes allowing **full participation and integration in the ERA** (and its priorities);
- Increased **attractiveness of institution** for internationally excellent and mobile researchers;
- **“brain gain”** and creation of **pockets of excellence**;
- Improved capability to **compete successfully** for international and competitive research funding;
TEAMING FOR EXCELLENCE
Institutional Building
Centres of Excellence in a Research Field

AIM OF THE ACTION
Create new (or significant update of existing) centres of excellence in Widening countries through a coupling process with a leading scientific institution.

MAIN OBJECTIVES

• Engage countries and regions strategically in a path of innovative growth through the Centres of Excellence, building on new developed capabilities;

• Maximise and spread the benefits of research and innovation across the EU, regarded as vital for regions, countries and Europe’s competitiveness;

• Help countries and regions that are lagging behind in R&I performance to attain a competitive position in the global value chains.
TEAMING FOR EXCELLENCE

Institutional Building

Centres of Excellence in a Research Field

• **Project Dimension**: up to 15 M€
• **Project Duration**: 6-8 years
• **Coordinator**: institution located in a Widening MS/AC
• **Consortium**: additional partner with an international reputation in R&I Excellence (EU27 and AC)

**NEW!**

Merger of formerly two phases (Business plan + Implementation of the Centre of Excellence) in a single project evaluated in a two stage evaluation procedure, and the possibility of evaluating the co-financed part
Clear objectives/ vision/ excellence;

Make clear pointers to integration with medium to long term growth strategies (10-15 years);

Well-chosen, carefully structured partnership, and strong engagement from parties;

Broad alignment with national/regional Smart Specialisation Strategies and synergies with Cohesion Funding (need to make appropriate conditional “space” in ESIF OPs to secure the funding for the implementation of the Centre of Excellence);

Long term financial commitments from relevant authorities from the outset;

Clear strategy on handling resources and have clear plans on organisational issues;

COORDINATOR: strong in project management and proven track record in mobilising national/cohesion funding.
Horizon Europe – Horizontal Activity, Widening

• Rodrigo Cunha (UC)
Under construction... (probable) Calls in 2021

- Twinning for the Western Balkans (PT cannot be coordinator)
- Teaming
- ERA-Chairs
- Excellence Hubs
- European Excellence Initiative
- Balanced Brain Circulation (highly probable to be articulated with MSCA)
- Mobility Programme for Science Managers
Horizon Europe: 2021-2027

FCT: NCPs and National Delegates

Visit us at perin.pt and at the FCT webpage dedicated to Horizon Europe