

Horizon Europe Maritime Opportunities

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VENTuRE National Networking Event
Wednesday, 18 May 2022
Admiral Hall, Fort St Angelo, Birgu Waterfront



**L-Università
ta' Malta**

**University of
Strathclyde
Glasgow**



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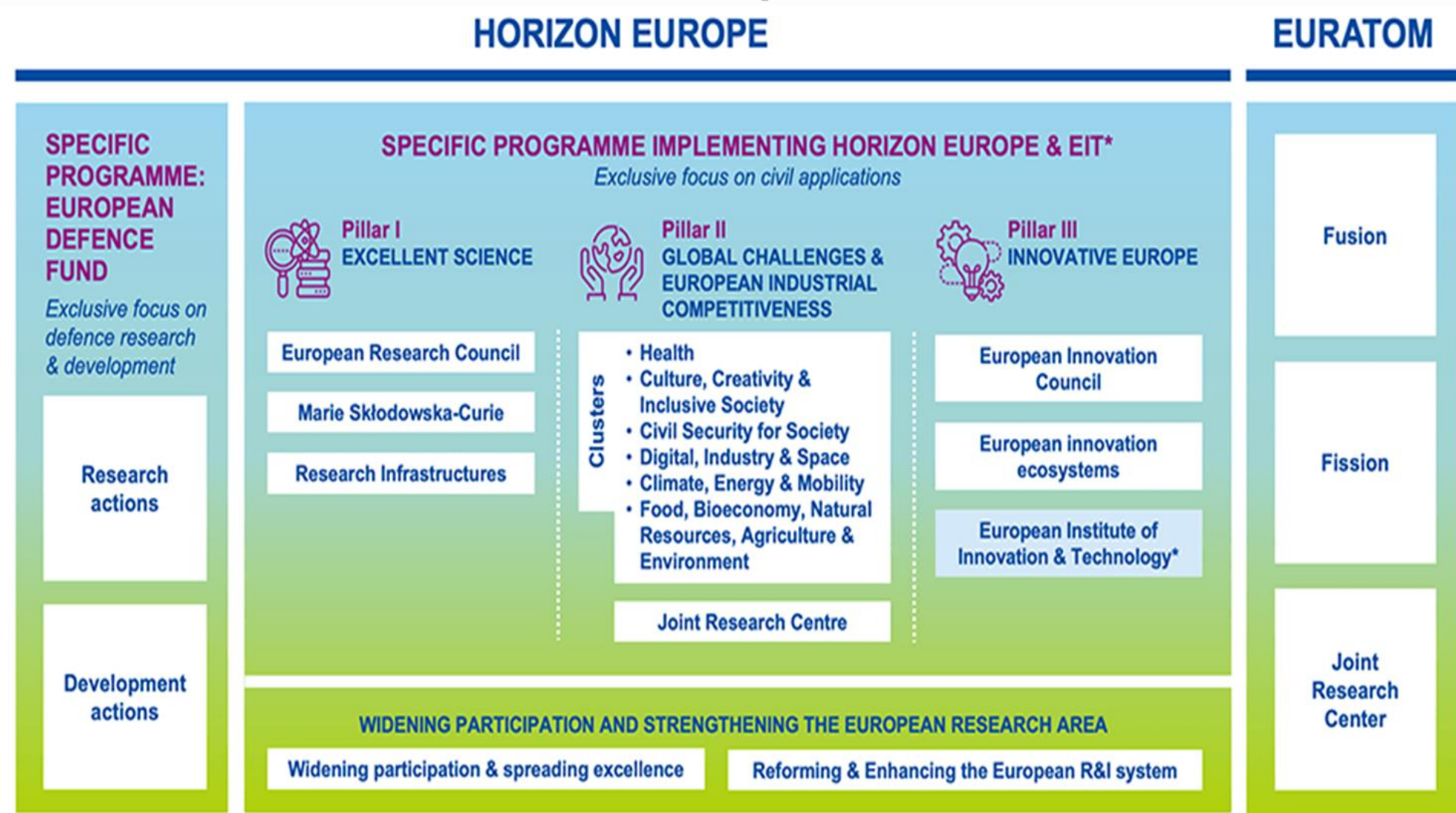
- Introduction
- MSCA
- Widening
- Cluster calls/topics

Who we are

- MCST is the National Contact Point Organisation for the European Framework Programme for R&I (Horizon Europe) in Malta:
- All NCPs and PCMs under one roof
- 6 NCPs + 1 administrator
- Pre-award and post award assistance



Horizon Europe Structure



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

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MSCA



Marie Skłodowska-Curie Actions



MSC Actions overview

MSCA 2021-2027



1. MSCA Doctoral Networks
2. MSCA Postdoctoral Fellowships
3. MSCA Staff Exchanges
4. MSCA COFUND
5. MSCA and Citizens

→ *networks training doctoral candidates*
→ *postdoctoral researchers*
→ *any type of research(-related) staff*
→ *co-funding training programmes*
→ *public outreach events*

MSCA principles

- Bottom up
- 3 'I' s concept
- Mobility rule
- Unit costs
- Any nationality and age
- Career development of researchers

MSCA Doctoral Networks (DN)

- Consortia (3 legal entities from different MS/AC)
- Duration: up to 4 years
- Each beneficiary recruits at least 1 doctoral candidate (3 to 36 months)
- Supervisors in each beneficiary and associated partner entity
- Size: up to 360 person-months, 180 additional person-months for joint or industrial doctorates
- Secondments – up to 1/3 of the fellowship
- [The call is now open!](#) Docs and guides are available!
- Deadline: 15th November 2022
- Resubmission restrictions – score below 80%

Industrial Doctorates

- Industrial Doctorates - mandatory involvement of the non-academic sector in the doctoral training so that the skills acquired better match public and private sector needs;
- Min. 50% of fellowship duration in a non academic entity
- No limitation of secondments

Joint Doctorates

- Joint Doctorates - creation of joint doctoral programmes, leading to the delivery of joint, double or multiple doctoral degrees recognised in at least two EU Member States (MS) or Horizon Europe Associated Countries (AC).
- At least 3 entities must award Phd degrees (2 of which in a MS/AC)
- Mandatory Joint/double/multiple degree letter of pre-agreement
- No limitation in secondments

MSCA Staff Exchanges

- Consortia: min 3 independent legal entities from 3 different countries
- Staff: researchers at any career stage (doctoral to postdoctoral), as well as administrative, managerial and technical staff
- Size: 360 person months
- Duration: 48 months
- Secondments: 1 to 12 months
- No mobility rule
- Call deadline: March 2023
- Eur 2,300 per month per staff

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Widening



Horizon Europe - €95.5 billion

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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

€25.8



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

€32.7



Pillar III INNOVATIVE EUROPE

European Innovation
Council

European innovation
ecosystems

European Institute of
Innovation & Technology*

€13.6

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

Fusion

Fission

Joint
Research
Center

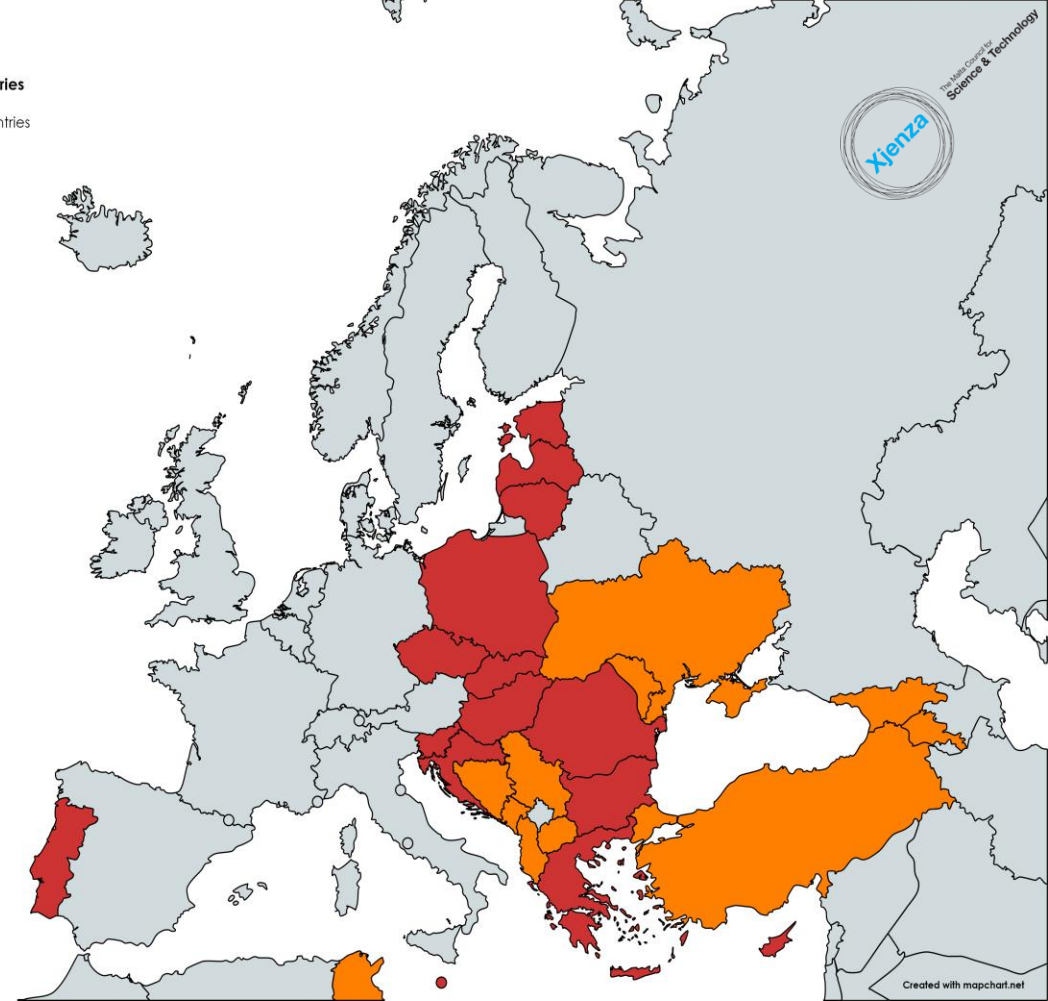
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Strategic Orientations

- **Widening participation** seeks to address discrepancies in the take-up of Research and Innovation opportunities between different under-represented groups of Member States.
- The **European Research Area (ERA)** is the ambition to create a single, borderless market for research, innovation and technology across the EU.

Map of Widening Countries

■ EU MS Widening Countries
■ Associated Widening Countries



Bulgaria, Croatia, Cyprus, Czechia, Estonia, Hungary, Latvia, Lithuania, Greece, Malta, Poland, Portugal, Romania, Slovakia and Slovenia.

Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, The Republic of North Macedonia, Georgia, Moldova, Montenegro, Serbia, Tunisia, Turkey and Ukraine

Outmost Regions



3 DESTINATIONS

Destination 1 – Improved access to excellence:

Teaming for Excellence

Twinning

Excellence Hubs

European Excellence Initiative (EEI): Strengthening capacity for excellence in universities and surrounding ecosystems

Support for R&I policy making in the Western Balkans

Destination 2 – Attracting and mobilising the best talents

ERA Chairs

Fostering balanced brain circulation (BBC) (Inclusiveness Fellowships MSCA and Talents)

Destination 3: Reforming and enhancing the EU research and innovation system

Prioritising Investment and Reform

Improving access to excellence

Translating R&I results into the Economy

Deepening the European Research Area

3.3% of HE Budget

Teaming

Teaming

CSA

At least 2 institutions (coordinator from Widening)

Budget: TBC (normally around 15 projects)

Deadline: 10 Jan 2023 - 13 Apr 2023 (First Stage), 07 Mar 2024 (Second Stage)

Complementary funding for other sources (national and/or regional funding, European funding, such as from Cohesion policy programmes, or private sources)

Teaming will support the creation of new centres of excellence or upgrading the existing ones in low R&I performing countries, building on partnerships between leading scientific institutions and partner institutions in low R&I performing countries

A Teaming project will be implemented as a Coordination and Support action (CSA) under Horizon Europe with grants of up to 15 million €

Stage 1: Initial concept of the CoE in line with the host region's smart specialisation strategy. Stage 2: financial support to start implementing the future centre

Twinning

Twinning

CSA

Budget: TBC around 80-100 projects

Deadline: 25 April 2023 – 28 September 2023

Enhance networking activities

Preparatory research actions 30%

70% of action in Widening countries

Twinning aims to enhance *networking activities between the research institutions* of the Widening countries and internationally-leading counterparts at EU level by linking it with at least two research institutions from two different Member States or Associated Countries.

Activities like short-term staff exchanges, expert visits, on-site or virtual trainings, workshops, conference attendance, dissemination and outreach are supported

a special focus on strengthening the research management and administrative skills of the coordination institution from the Widening country

Budget per project: 0.80M – 1.5M

Novelty in 2023 – two twinning calls

Excellence Hubs

Excellence Hubs

CSA

Budget: TBC (10 Projects)

Deadlines: 28 September 2023 – 7 March 2024

Quadruple Helix

Coordinators from Widening

Strengthen Cross-border Regional Innovation and Excellence through

Common investment plans / Strengthen links

Consortia must include at least two different place-based R&I ecosystems in at least two different countries eligible to host the co-ordinator under the widening part of Horizon Europe.

Quadruple helix approach

- ✓ academic institutions (universities and/or non-university research centers or labs),
- ✓ business entities (active established firms with relevant revenues),
- ✓ public authorities or authorised agencies and
- ✓ societal actors (civil society organisations, associations, citizens, end users, media, cultural actors etc.).

Aim: to strengthen regional innovation excellence in placed based innovation ecosystems by cross-border collaboration on a common strategy and/or alongside value adding chains

European Excellence Initiative (EEI)

European Excellence Initiative

CSA

Budget: TBC (15 Projects) 5-8M Per project

Deadlines: 10 Jan 2023 – 13 April 2023

Minimum 4 Partners – 2 from Widening, 2 from non-Widening

Coordinators from Widening

Capacity Building for HE Institutions

- ✓ Strengthening capacity for excellence in higher education institutions and surrounding ecosystems
- ✓ focus on capacity building for networks of higher education institutions and partners in the local ecosystem, with a view of preparing the networks towards the full roll-out of the European Universities initiative in the years to come
- ✓ Strengthen considerably the networks towards realising integrated cooperation between the participating entities in the research and innovation dimension, in synergy with the entities' education and training missions

~Entities who received funding under the European Universities initiative pilot may participate but are excluded from funding

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Cluster 5 & 6 calls/topics



Open calls with deadline 27th September 2022



- [European Blue Parks – Protection and restoration solutions for degraded coastal and marine habitats](#)
- [Marine litter and pollution – Smart and low environmental impact fishing gears](#)
- [Student and school activities for the promotion of education on ‘blue’ sustainability and the protection of marine and freshwater ecosystems](#)
- [Towards a European e-DNA library of marine and freshwater species](#)
- [Integration of biodiversity monitoring data into the Digital Twin Ocean](#)
- [Towards local community-driven business models: regenerative ocean farming](#)
- [Mission Climate adaptation and Mission Ocean and waters - Joint demonstration for coastal resilience in the Arctic and Atlantic sea basin](#)
- [Mediterranean sea basin lighthouse - Actions to prevent, minimise and remediate chemical pollution](#)
- [Prevent and eliminate litter, plastics and microplastics: Innovative solutions for waste-free European rivers](#)



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