

# DRIVING GROWTH ▲

KEBE Info Day

Thursday 08/07/2021, 11.00-12.30

## Introduction to Horizon Europe

**Marinos Photiades**

NCP Health (Cluster 1), EIC, EIT, Widening participation and spreading excellence



RESEARCH  
& INNOVATION  
FOUNDATION

# Netiquette

- Please keep your **microphone muted**.
- You may use the **Chat function** to submit your questions during the presentations. You will also be able to ask for the floor during the Q&A session.
- The **presentations** will be made available after the webinar.

Introduction to  
Horizon  
Europe

Participation &  
Evaluation  
Overview

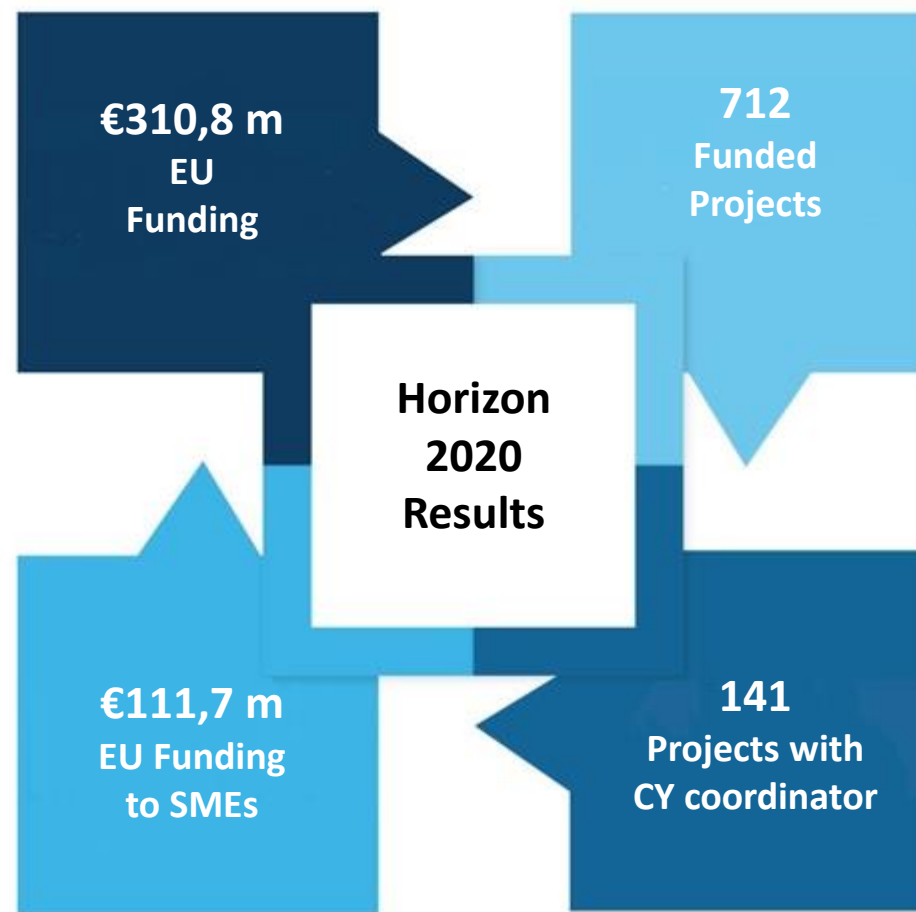
Pillars I & II

Widening &  
ERA

National  
Contact Point  
(NCP) Services



## Cyprus Participation in Horizon 2020



# Horizon Europe

The ambitious EU research and innovation framework programme  
2021-2027



fuel EU's **scientific and technological excellence** and the strengthen the European Research Area (ERA)

**Science  
& technology**



tackle policy priorities, including **green and digital transitions** and Sustainable Development Goals

**Society**

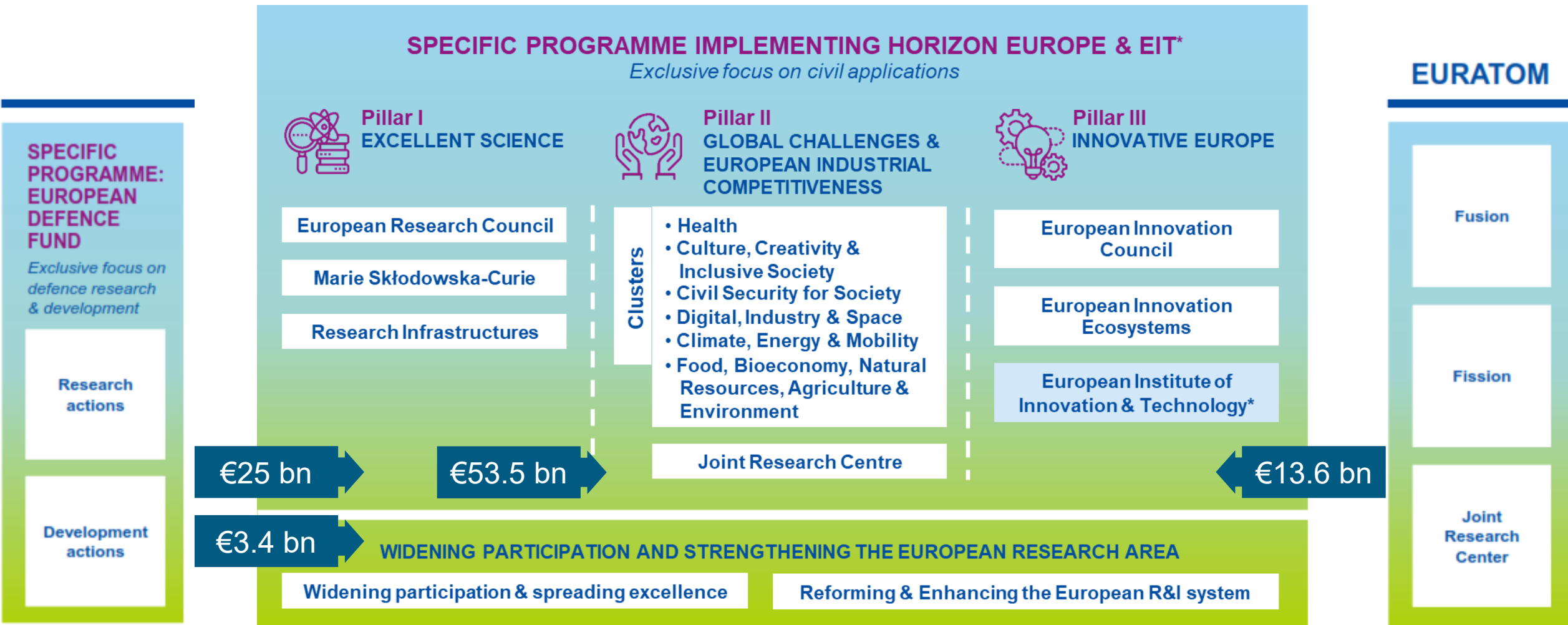


boost Europe's **innovation uptake, competitiveness** and **jobs**

**Economy**

# Horizon Europe Budget: €95.5 billion (2021-2027)

(including €5.4 billion from NGEU – Next Generation Europe – programme of EU for Recovery from COVID-19 crisis)



Pillar I

# EXCELLENT SCIENCE:

reinforcing and extending the **excellence of the Union's science base**

## European Research Council

Frontier research by the best researchers and their teams

**€16 billion**

## Marie Skłodowska-Curie Actions

Equipping researchers with new knowledge and skills through mobility and training

**€6.6 billion**

## Research Infrastructures

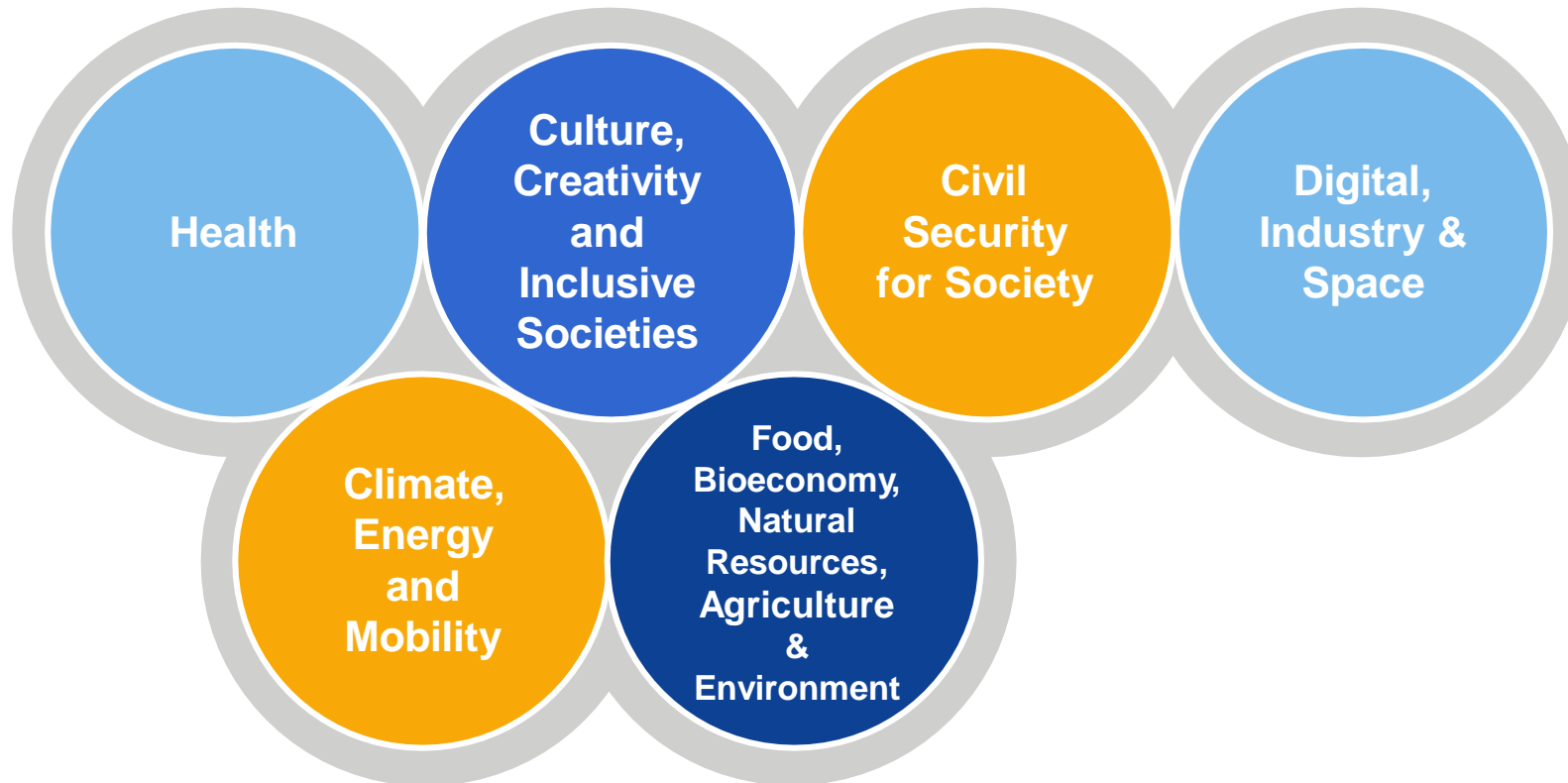
Integrated and inter-connected world-class research infrastructures

**€2.4 billion**

Pillar II - Clusters

# GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS:

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



**€53.5 billion**

## Pillar II

# Budget for clusters & for JRC

*in current prices*

<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>JRC (non-nuclear direct actions)</b>	<b>€1.970 billion</b>

Clusters are including a budget for Partnerships and Missions

Pillar III

# INNOVATIVE EUROPE:

stimulating **market-creating breakthroughs** and **ecosystems**  
conducive to innovation

## European Innovation Council

Support to innovations with breakthrough and market creating potential

## European innovation ecosystems

Connecting with regional and national innovation actors

## European Institute of Innovation and Technology (EIT)

Bringing key actors (research, education and business) together around a common goal for nurturing innovation

**€10.6 billion**, incl. up to **€527 million** for ecosystems (including NGEU – Recovery Fund parts dedicated to EIC).

**~ €3 billion**

Part

# Widening Participation & Strengthening the European Research Area (ERA):

Widening Participation and Spreading Excellence

€2.96 billion

Reforming and enhancing the EU R&I system

€0.44 billion

---

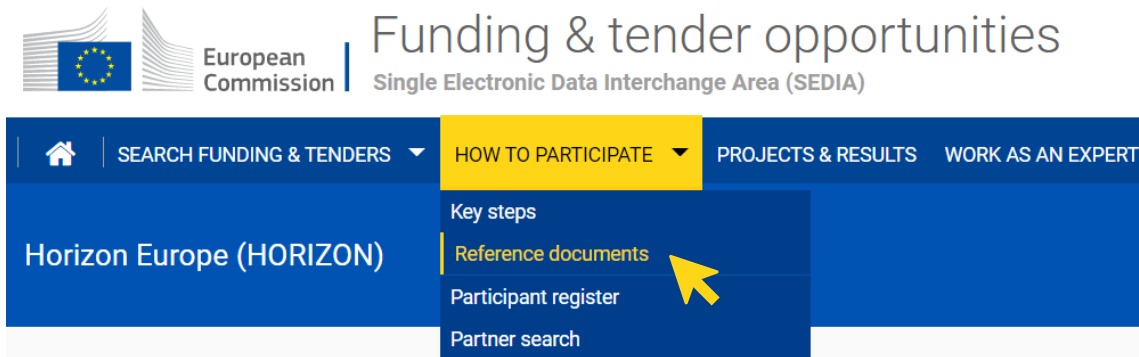
WORK PROGRAMMES

# Horizon Europe



# Work Programmes

Where to find them



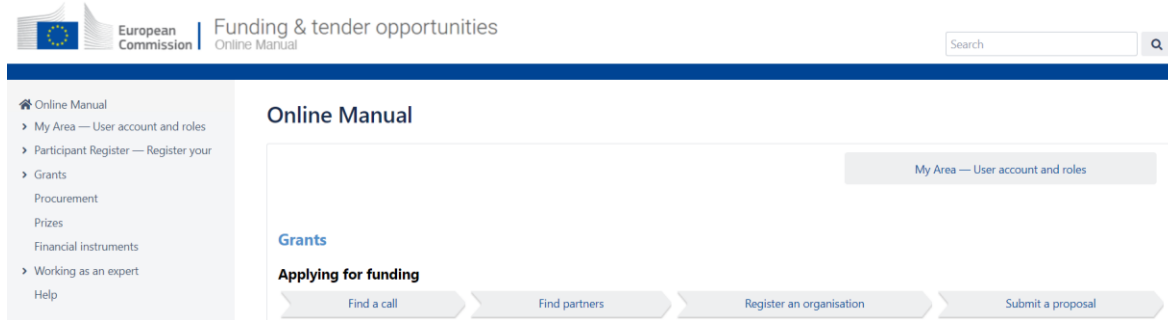
- + Legislation
- + Work programme & call documents
- + Grant agreements and contracts
- + Guidance
- + Templates & forms
- + Funding & Tenders Portal

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/reference-documents;programCode=HORIZON>

- + Legislation
- Work programme & call documents
  - 2021-2022
    - HE Main Work Programme 2021-2022
      - HE and Euratom Work Programme on Horizontal Expenditure 2021-2022 >
      - 1. General introduction v2.0 >
      - 2. Marie Skłodowska-Curie Actions v1.0 >
      - 3. Research Infrastructures v2.0 >
      - 4. Health v2.0 >
      - 5. Culture, creativity and inclusive society v1.0 >
      - 6. Civil Security for Society v1.0 >
      - 7. Digital, Industry and Space v1.0 >
      - 8. Climate, Energy and Mobility v1.0 >
      - 9. Food, Bioeconomy, Natural Resources, Agriculture and Environment v1.0 >
      - 10. European Innovation Ecosystems (EIE) v1.0 >
      - 11. Widening participation and strengthening the European Research Area v1.0 >
      - 12. Missions v1.0 >
      - 13. General Annexes v1.0 >
    - + EIC Work Programme 2021
    - + ERC Work Programme 2021

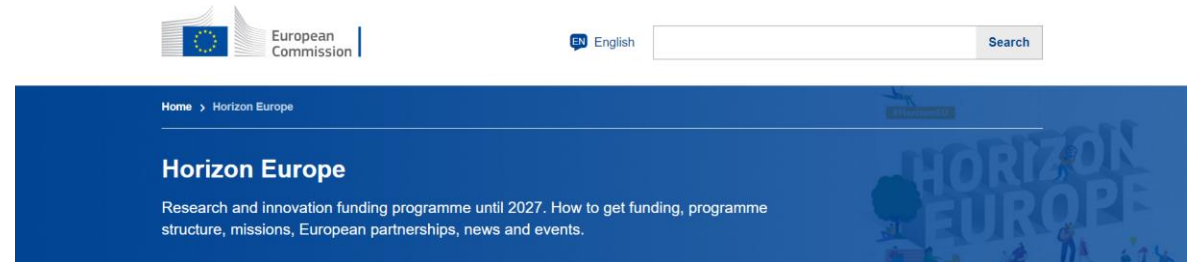
# Useful Resources

- F&T Online Manual



<https://webgate.ec.europa.eu/funding-tenders-opportunities/display/OM/Online+Manual>

- EC Website



[https://ec.europa.eu/info/horizon-europe\\_en#strategic-planning-and-the-first-strategic-plan-2021-2024](https://ec.europa.eu/info/horizon-europe_en#strategic-planning-and-the-first-strategic-plan-2021-2024)



- *RIF HE-dedicated microsite*



- *RIF HE newsletter*  
<https://tinyurl.com/3x979ufh>

Introduction to  
Horizon  
Europe

Participation &  
Evaluation  
Overview

Pillars I & II

Widening &  
ERA

National  
Contact Point  
(NCP) Services





# How to Participate

- **Proposal submission**

Applications must be submitted before the call **deadline**, **electronically** via the Funding & Tenders Portal

- **Registration of Organizations**

Any **legal entity** intending to participate in Horizon Europe needs to be **registered** and have a 9-digit Participant Identification Code (**PIC**)

- **Proposals**

Applications must be complete, readable, accessible and printable, and **include a plan for the exploitation and dissemination of results**, unless provided otherwise in the specific call conditions



# Who is eligible for funding?

Any legal entity from:

## EU Countries

- **Member States (MS)** including their outermost regions
- The **Overseas Countries and Territories (OCTs)** linked to the MS

## Non-EU Countries

- Countries **associated** to Horizon Europe (AC)
- **Low and middle income** countries: See [HE Programme Guide](#)
- Other countries when announced in the call or exceptionally if their participation is essential

## Specific cases

- Affiliated entities established in countries eligible for funding
- EU bodies
- International European research organisations



# Types of Actions

- Research and innovation action (RIA)**  
Activities to establish new knowledge or to explore the feasibility of a new or improved technology, product, process, service or solution.
- Innovation action (IA)**  
Activities to produce plans and arrangements or designs for new, altered or improved products, processes or services.
- Coordination and support actions (CSA)**  
Activities that contribute to the objectives of Horizon Europe. This excludes R&I activities, except for 'Widening participation and spreading excellence'

**Innovation action (IA)**

Activities to establish new knowledge or to explore the feasibility of a new or improved technology, product, process, service or solution.

Activities to produce plans and arrangements or designs for new, altered or improved products, processes or services.

Activities that contribute to the objectives of Horizon Europe. This excludes R&I activities, except for 'Widening participation and spreading excellence'

**Coordination and support actions (CSA)**

**Programme co-fund actions (CoFund)**

A programme of activities established or implemented by legal entities managing or funding R&I programmes, other than EU funding bodies.

**Innovation and market deployment actions (IMDA)**

Activities that embed an innovation action and other activities necessary to deploy an innovation on the market. (EIC)

**Training and mobility actions (TMA)**

Activities that aim to improve the skills, knowledge and career prospects of researchers, based on mobility between countries and, if relevant, between sectors or disciplines. (MSCA)

**Pre-commercial procurement actions/ (PCP)**

Activities that aim to help a buyers' group to strengthen the public procurement of research, development, validation and, possibly, the first deployment of new solutions

**Public procurement of innovative solutions actions (PPI)**

Activities that aim to strengthen the ability of a buyers' group to deploy innovative solutions early



Activities to establish new knowledge or to explore the feasibility of a new or improved technology, product, process, service or solution.

---



Activities to produce plans and arrangements or designs for new, altered or improved products, processes or services.

---



Activities that contribute to the objectives of Horizon Europe. This excludes R&I activities, except for 'Widening participation and spreading excellence'



# Application Form

**Proposal Templates** similar as Horizon 2020

- **PART A** (web-based forms)

Generated by the IT system. It is based on the information entered by the participants through the submission system in the Funding & Tenders Portal.

- **PART B**

Narrative part that includes three sections that each correspond to an evaluation criterion. Part B needs to be uploaded as a PDF document following the templates downloaded by the applicants in the submission system for the specific call or topic.



# Admissibility

- **Same general admissibility conditions as H2020**
- **Proposal page limit:** Substantial **reduction** in maximum length:
  - RIAs and IAs type of actions: limit for a full application is **45 pages**
  - CSAs: limit is **30 pages**
  - First stage proposals: limit is **10 pages**
  - EIC Pathfinder: limit is **17 pages**
  - Exceptions, if any, would be specified in the call text.



# Eligibility

## **Consortium composition (collaborative projects)**

- at least **one** independent legal entity established in a **Member State**, and
- at least **two** other independent legal entities each established either in a different **Member State or an Associated Country**.

**Monobeneficiary projects:** CSA, some ERC, MSCA and co-fund actions

## **Gender Equality Plan (applicable from 2022)**

Public bodies, research organisations or higher education establishments (MS and AC) **must have a gender equality plan**, covering minimum process-related requirements.

- Self-declaration will be requested at proposal stage (for all types of participants).
- Included in entity validation process (based on self-declaration)
- GEAR tool: <https://eige.europa.eu/gender-mainstreaming/toolkits/gear>

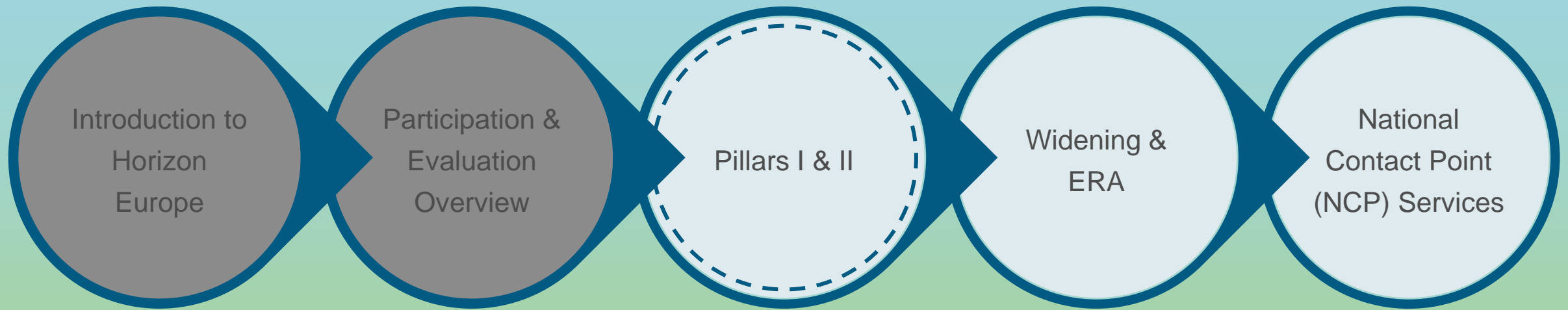


# Evaluation (award) criteria

Same criteria as in H2020

Same three award criteria: '**Excellence**', '**Impact**' and '**Quality and efficiency of the implementation**'. Excellence only for ERC.

- **Open Science** assessed as part of scientific methodology in excellence criterion
- **New approach to impact**: Key Impact Pathways (KIPs)
- **Right-to-respond** (Rebuttal process)
- **Blind evaluation** (1st stage of some proposals)
- **Ethics** still an integral part of research but **reduced number of ethics requirements** in projects
- Self-assessment of **security issues** in **all** proposals



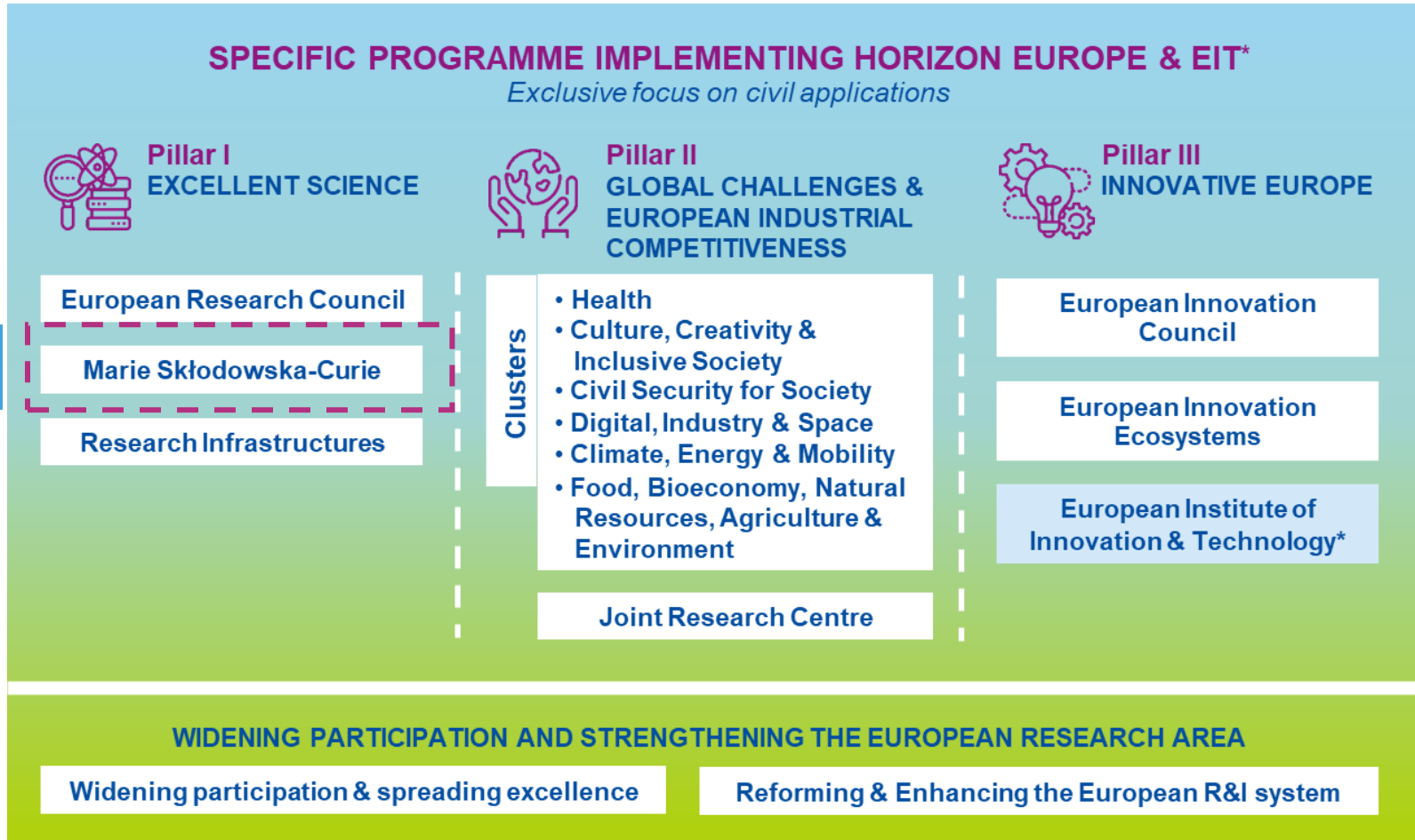


# Marie Skłodowska-Curie Actions (MSCA)

the EU's reference programme for doctoral and postdoctoral training



€6.6 billion





# MSCA: The Actions

## Doctoral Networks

*Doctoral  
programmes in and  
outside academia  
incl. joint & industrial  
doctorates*

## Postdoctoral Fellowships

*Support to excellent  
postdoctoral  
researchers*

## Staff Exchanges

*Support for research  
and innovation staff  
exchanges*

## COFUND

*Co-funding doctoral  
and postdoctoral  
programmes*

## MSCA and Citizens

*Public outreach  
events (Night)*



# MSCA Staff Exchanges

- Multi-beneficiary Action to support **collaborative R&I activities** through **staff exchanges**
- Focus on i3 (international, inter-sectoral, interdisciplinary) secondments leading to **knowledge transfer** between participating organisations and strengthen long-term collaborations
- **Who applies?: Consortia** of universities, research institutions and research infrastructures, **businesses including SMEs**, and other socio-economic actors

Any type of staff contributing to R&I activities (researchers, administrative staff, managerial staff, technical staff)

Each staff member is seconded for a period of 1 to 12 months (may be split into several stays)



# Pillar II

## Global Challenges & European Industrial Competitiveness



€53.5 billion

### 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\*

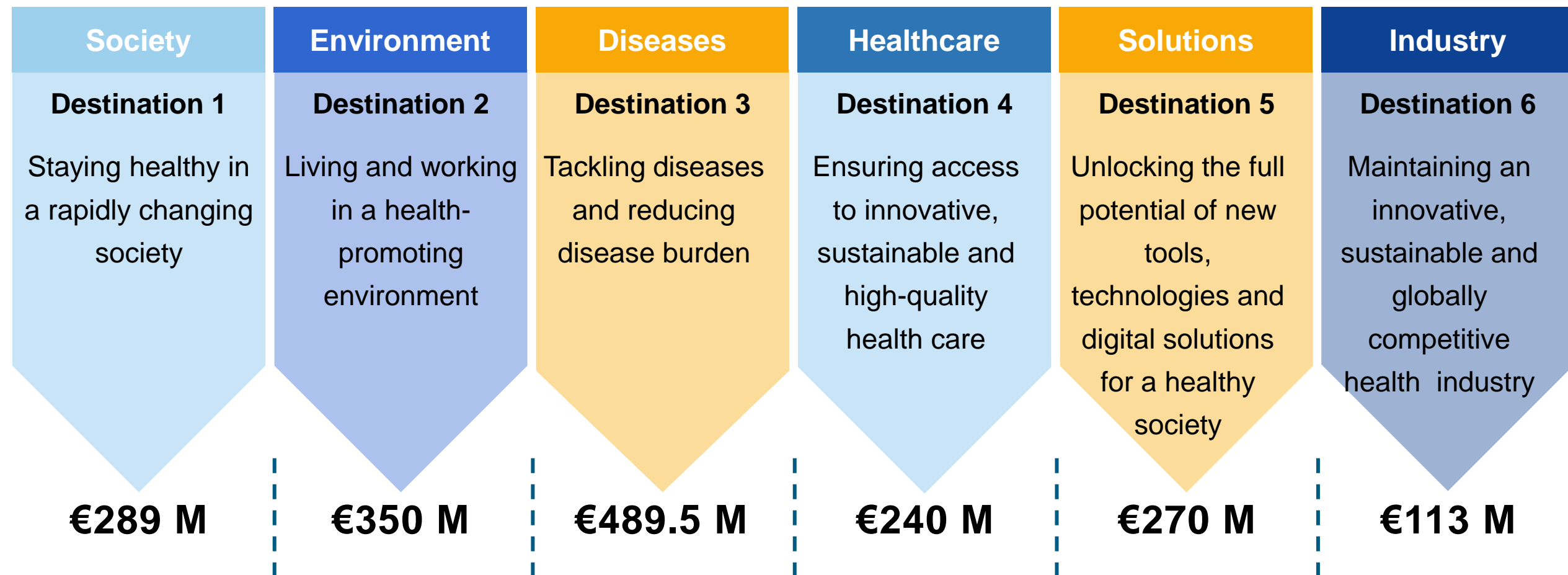
### WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

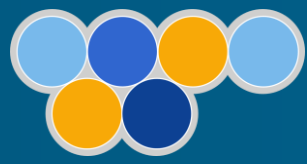


# Cluster 1: Health

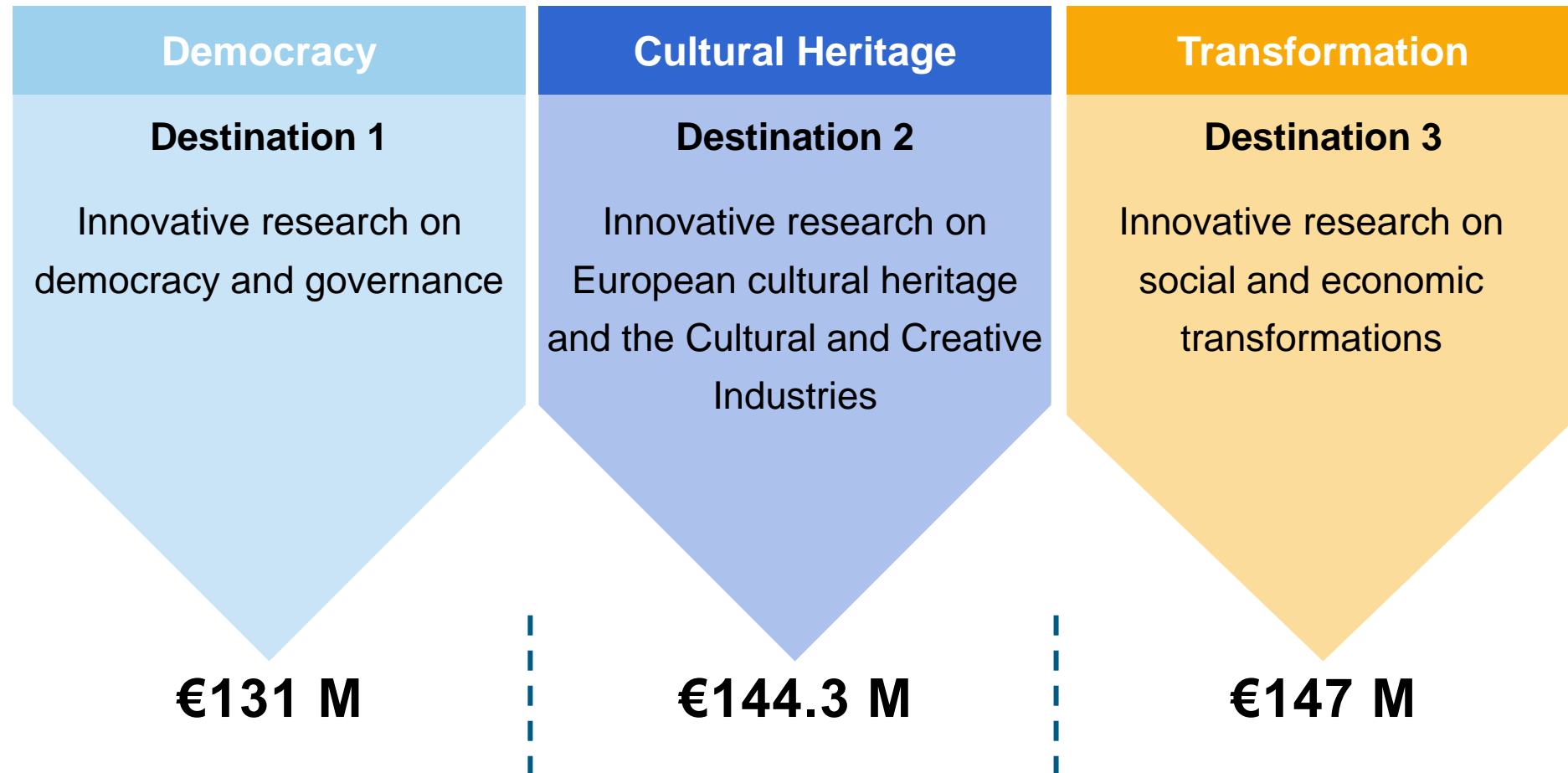


2021-2022 Budget: €1.75 billion

Total Topics: 48

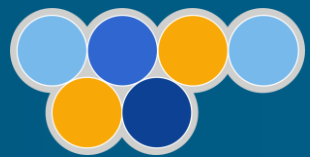


# Cluster 2: Culture, Creativity and Inclusive Society

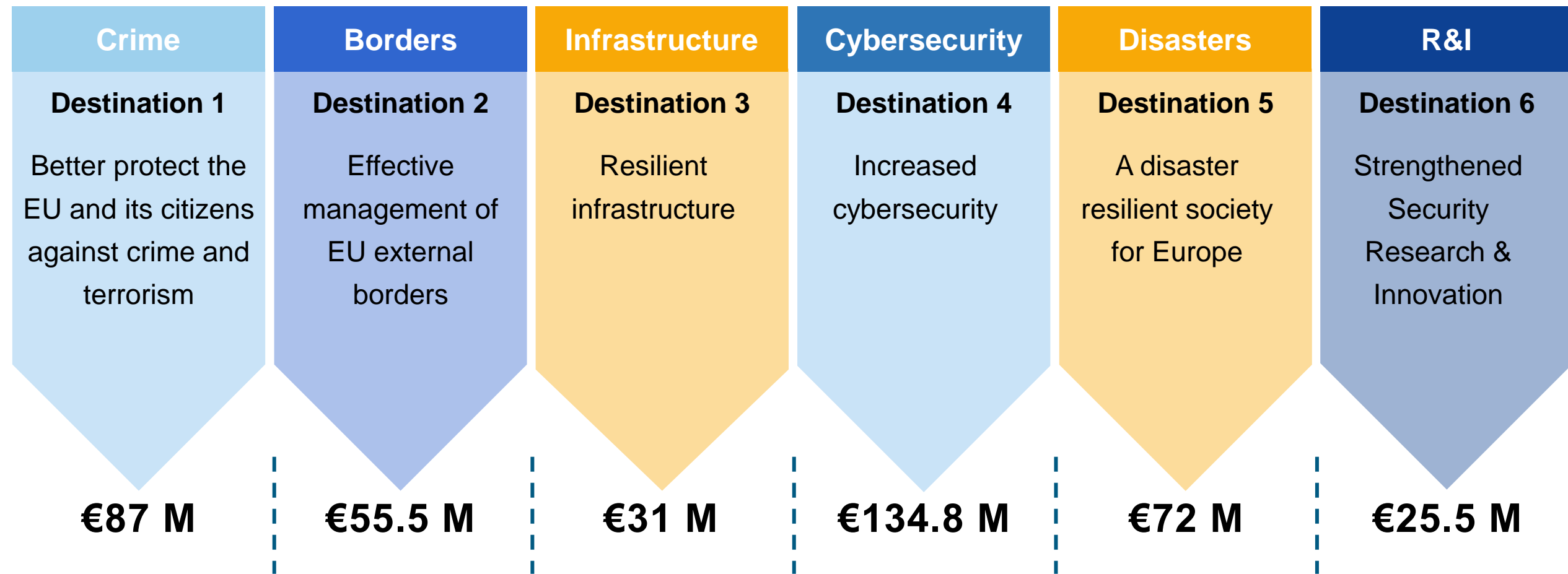


2021-2022 **Budget: €423 million**

**Total Topics: 47**



# Cluster 3: Civil Security for Society

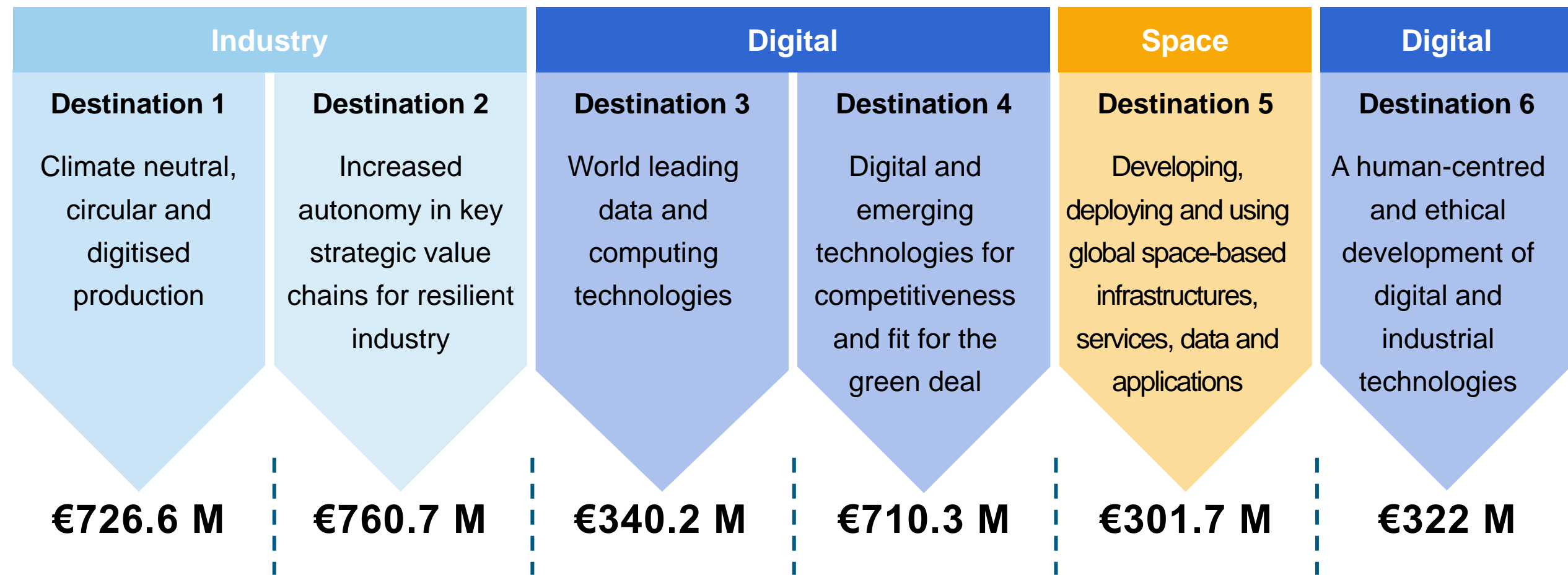


2021-2022 Budget: €405.8 million

Total Topics: 65



# Cluster 4: Digital, Industry and Space

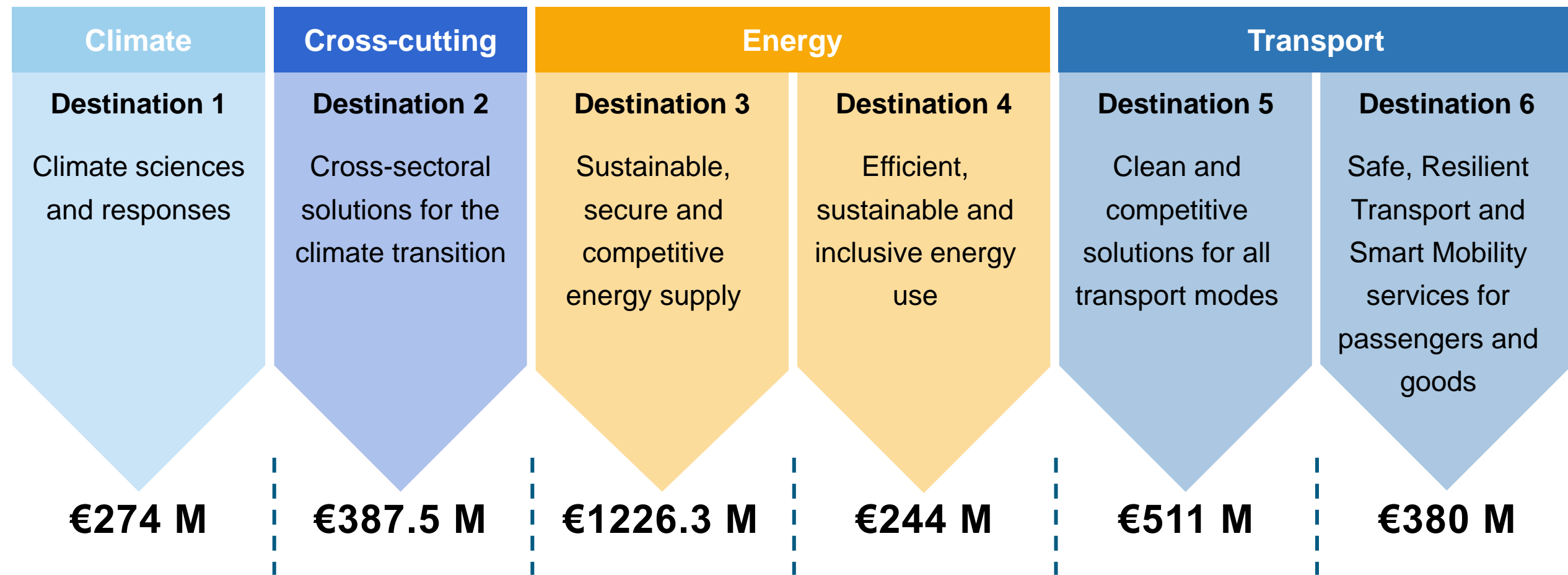


2021-2022 Budget: €3.16 billion

Total Topics: 184



# Cluster 5: Climate, Energy and Mobility

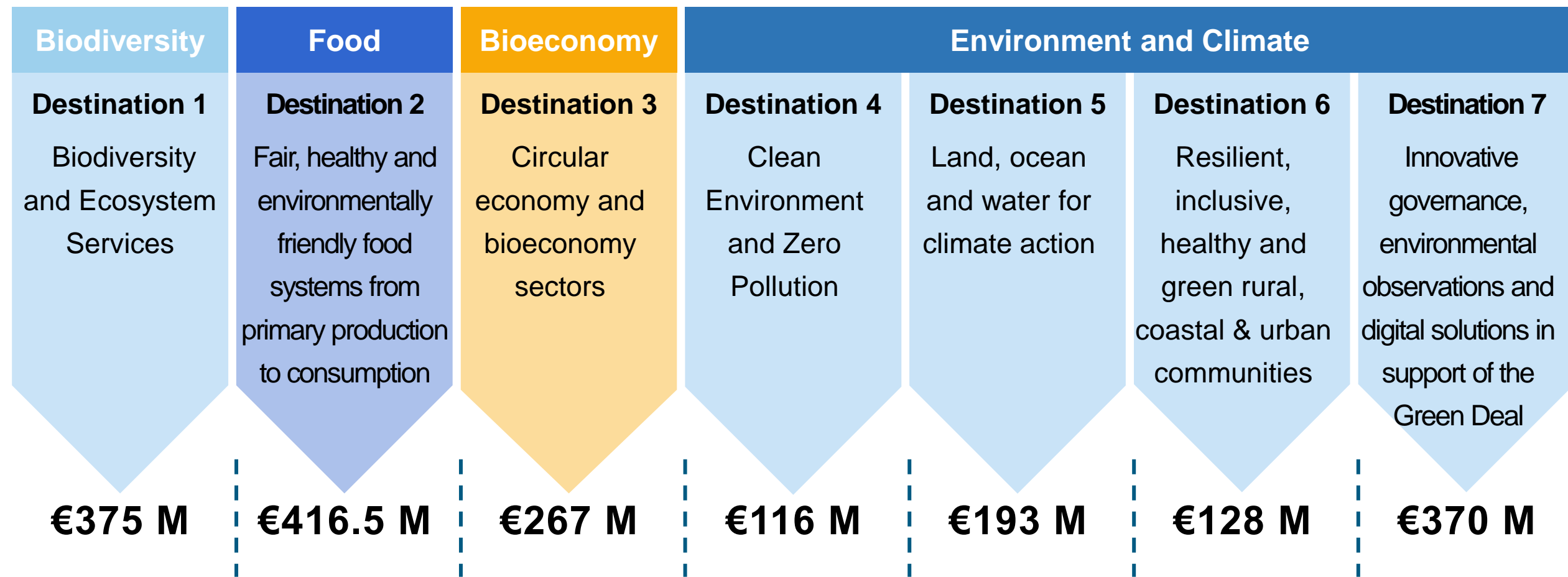


2021-2022 Budget: €3.023 billion

Total Topics: 188

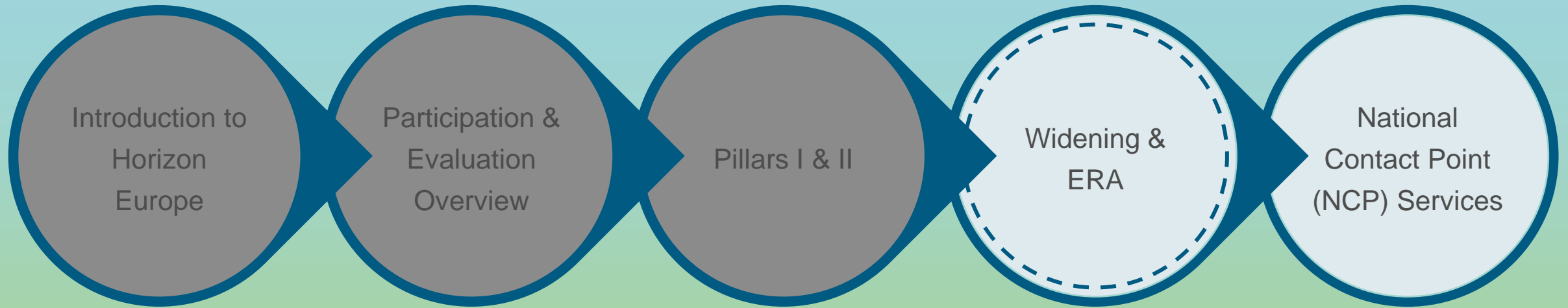


# Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment



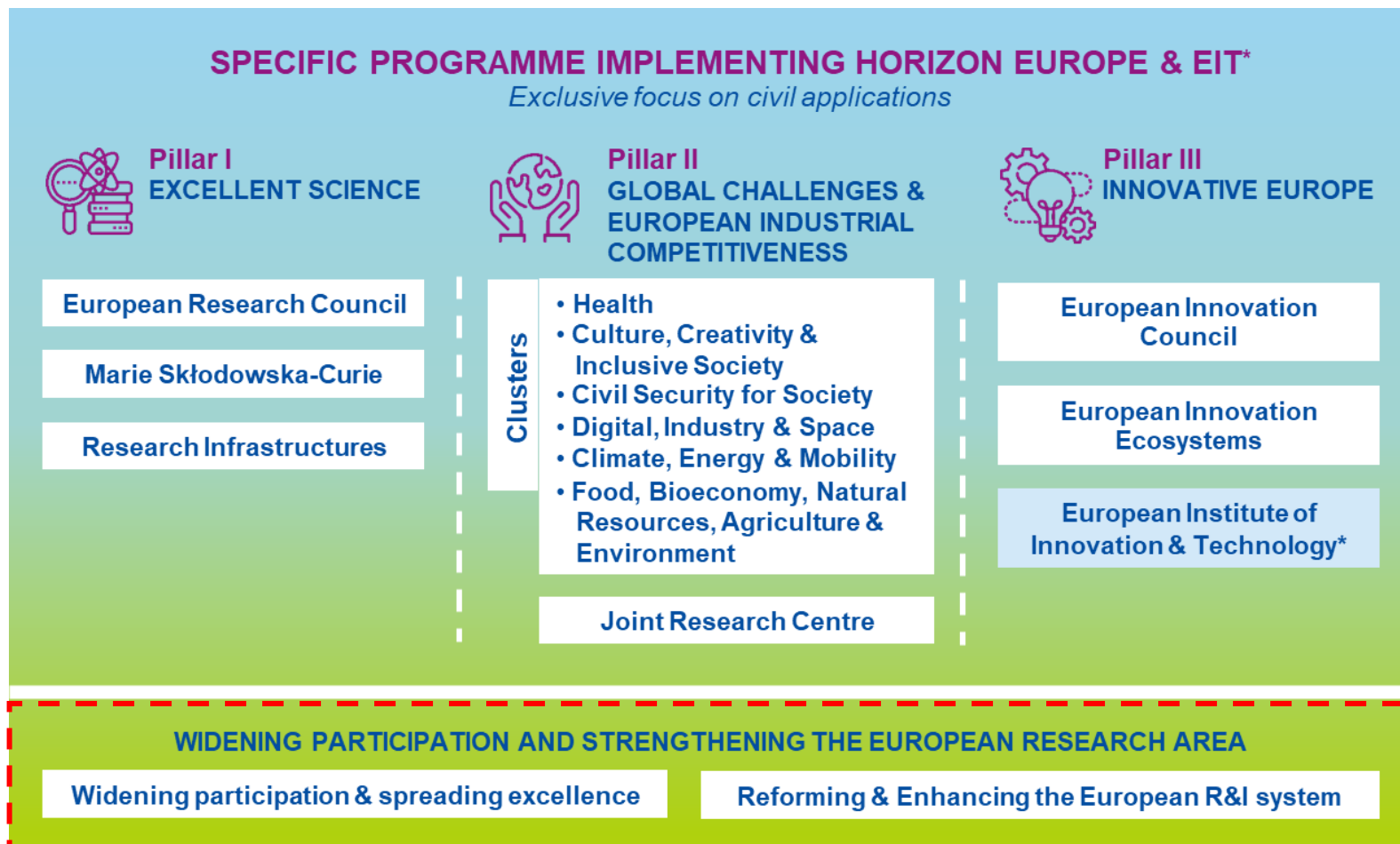
2021-2022 Budget: €1.86 billion

Total Topics: 183





# Widening Participation and Strengthening the European Research Area



# Widening participation and strengthening the ERA

## ➤ **Destination #1:** Improved access to excellence

- Teaming
- Twinning (incl. special call WBC)
- **Excellence Hubs**
- European Excellence Initiative for Higher Education Institutions
- Hop-on facility
- (under other actions) COST and NCP networks

## ➤ **Destination #2:** Attracting and mobilising the best talents

- ERA Chairs
- Fostering balanced brain circulation: ERA Fellowships
- Fostering balanced brain circulation: ERA Talents

## ➤ **Destination #3:** Reforming and enhancing the EU research and innovation system 2021-2024

# Excellence Hubs

- Excellence hubs are an initiative to strengthen regional innovation excellence in place based innovation ecosystems by cross-border collaboration on a common strategy and/or alongside value adding chains. Place based innovation ecosystems are interconnected companies, research institutions, governmental bodies and societal actors that are mutually reinforcing each other in a territorial context and together raise the level of innovation excellence in their regional fabric.
- The EU estimates that an EU contribution of between EUR 3.00 and 5.00 million would allow these outcomes to be addressed appropriately.
- The total indicative budget for the topic is EUR 50.00 million.

✓ Opening: 03 Nov 2021

✓ Deadline(s): 15 Mar 2022

Introduction to  
Horizon  
Europe

Participation &  
Evaluation  
Overview

Pillars I & II

Widening &  
ERA

National  
Contact Point  
(NCP) Services



CY - NCP Team



**Dr Kalypso  
Sepou**  
NCP Coordinator  
ERC  
Widening & ERA  
JRC



**Mr Christakis Theocharous**  
Legal and Financial  
**Cluster 5 and Cluster 3**  
EURATOM



**Mr George Christou**  
Legal and Financial  
**Cluster 6**  
**Cluster 4 and Cluster 5**



**Mrs Katerina Karakasidou**  
ERC  
Widening & ERA  
**Cluster 2**



**Dr Angelos Ntontos**  
MSCA  
**Cluster 4**



**Dr Ioannis Theodorou**  
MSCA  
**Cluster 3 and Cluster 1**  
Research Infr. & EURATOM



**Mrs Constantina Makri**  
Widening & ERA  
**Cluster 2**



**Mr Marinos Photiades**  
EIC & EIT  
**Cluster 1**  
Widening & ERA



**Dr Charalambos Papatryfonos**  
EIC & EIT  
**Cluster 6**  
Research Infr.

CY - NCP Services



Dedicated Website  
Info-days  
Webinars  
Training Seminars  
Direct Communication  
Mailing Lists  
Social Media

**Awareness Raising  
Disseminating  
Information**



Pre-Proposal &  
Full Proposal Checks  
Partner Search  
Resolving Queries  
Mock Interviews  
Participation in  
Mentoring Schemes (ERC)

**Assisting and Advising  
on Proposal Preparation**



Legal & Financial Issues  
Consortium Agreement  
Enquiries  
Grant Agreements  
IPR Issues  
Project Management  
Support

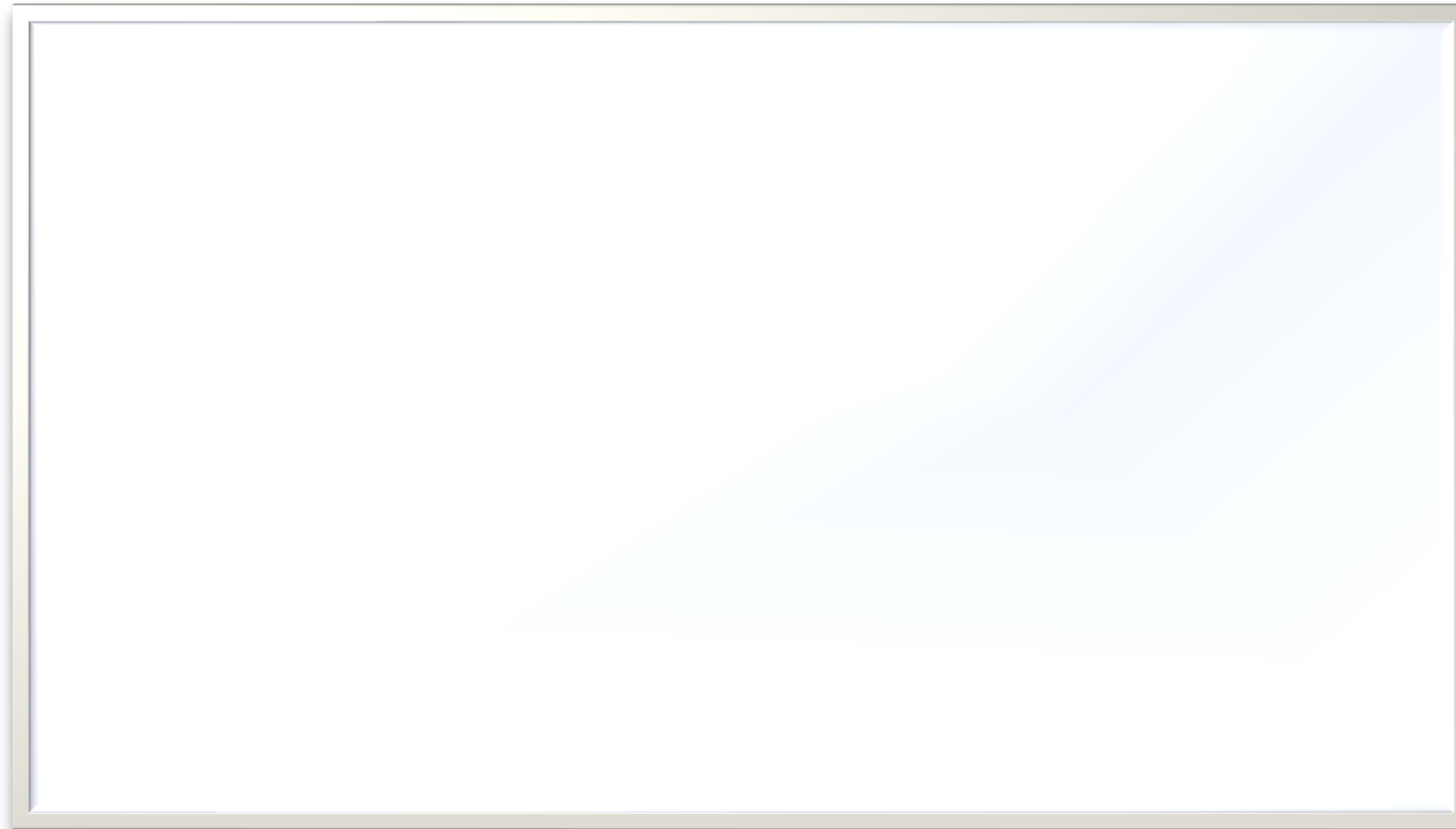
**Customised Support**

Contact us:  22205000

 [support@research.org.cy](mailto:support@research.org.cy)

 [Join our Mailing List](#)

# Support Services of National Contact Points



# Thank you

Research and Innovation Foundation

P.O.Box 23422, 1683, Nicosia, Cyprus

TEL +357 22 205000

WEBSITE [www.research.org.cy](http://www.research.org.cy)