

# PERIN

Portugal in Europe  
Research and Innovation Network

## SESSÃO NACIONAL CLUSTER 6

Outras oportunidades de financiamento no âmbito do Cluster 6



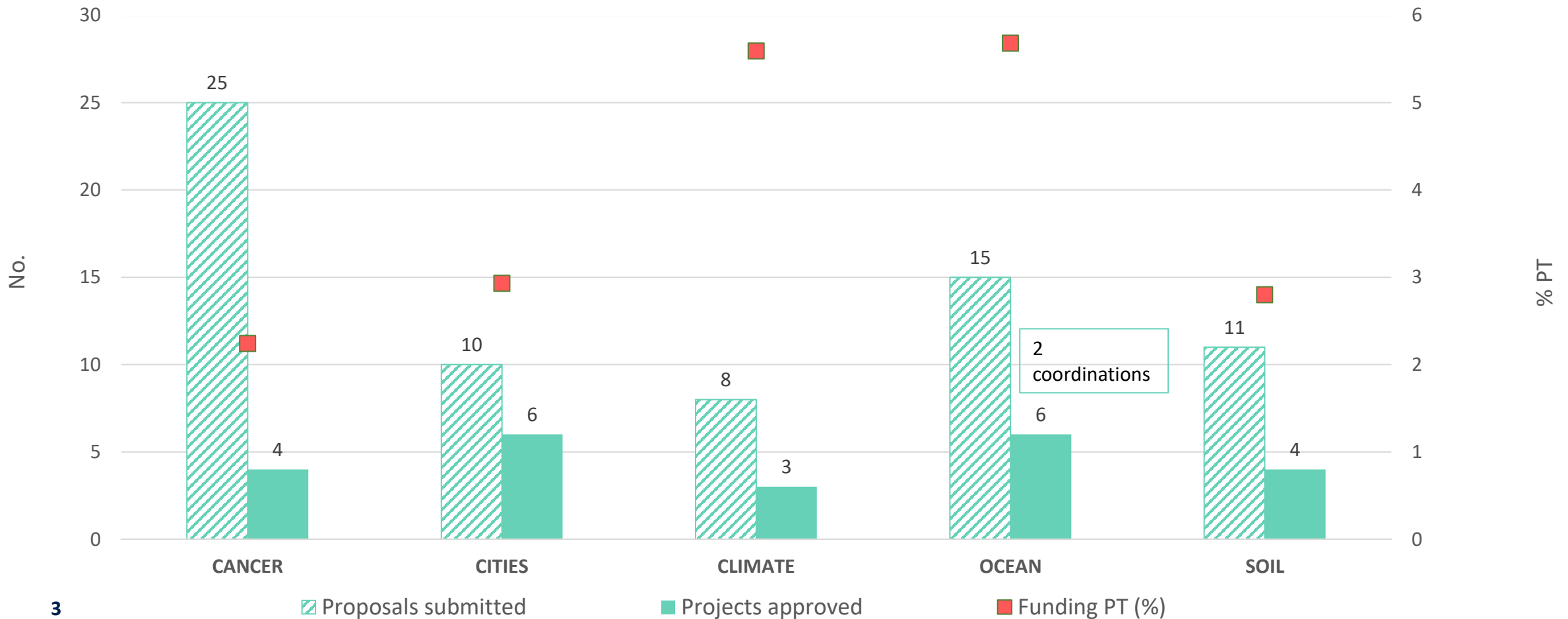
Online, 05/12/2022

# The EU Missions supporting the Green Deal



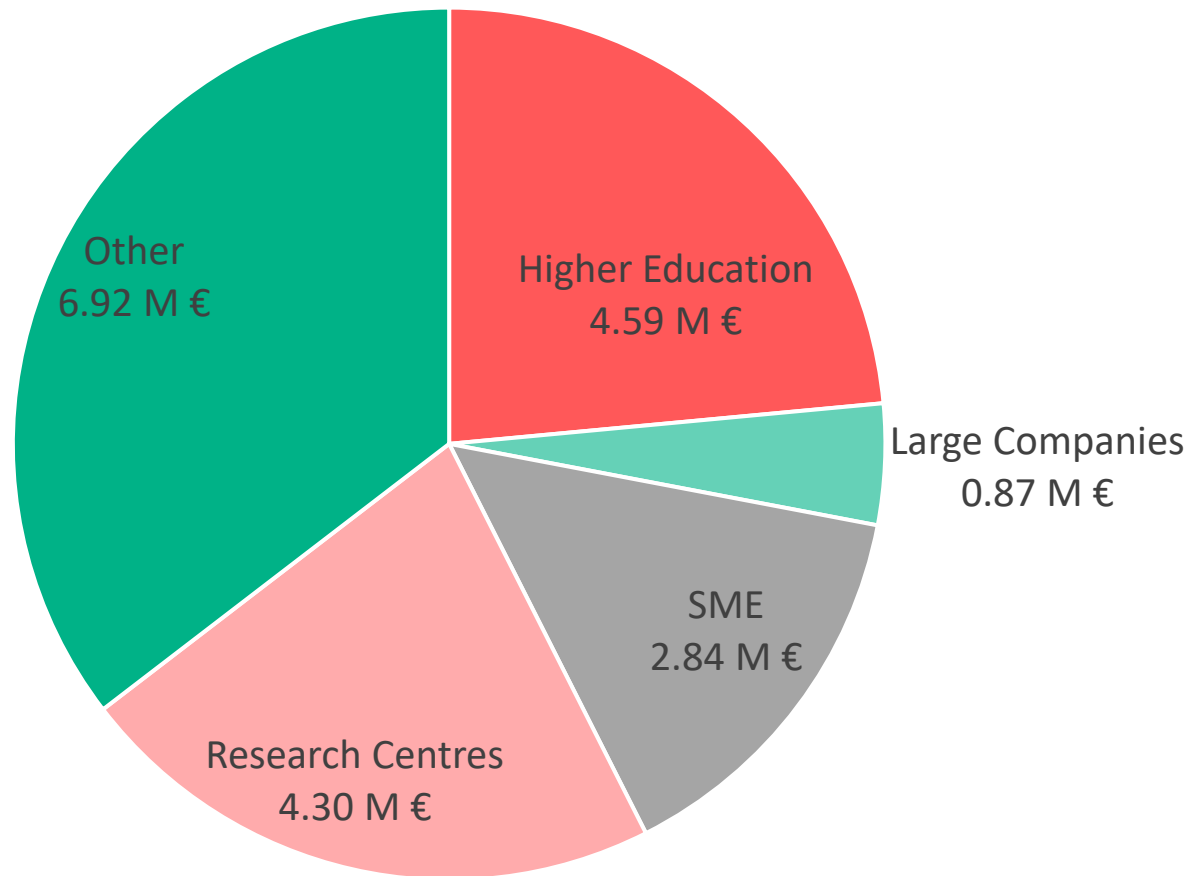
Climate Cities Ocean Soil

# PT performance in the 2021 calls

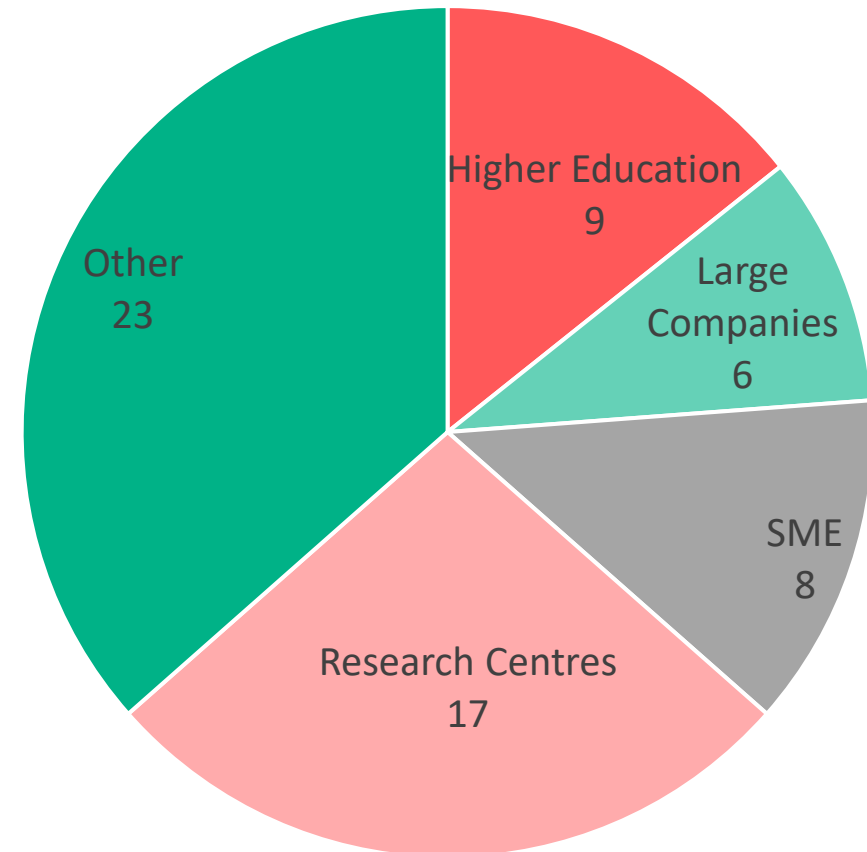


# PT performance in the 2021 calls

Budget



No. participations



## Pre-publication of the Missions 2023 WP [here](#)

	Mission Climate	Mission Ocean	Mission Cities	Mission Soil
Open	10 Jan 2023	17 Jan 2023	10 Jan 2023	17 Jan 2023
Deadline	20 Sep 2023	20 Sep 2023	27 Apr 2023	20 Sep 2023



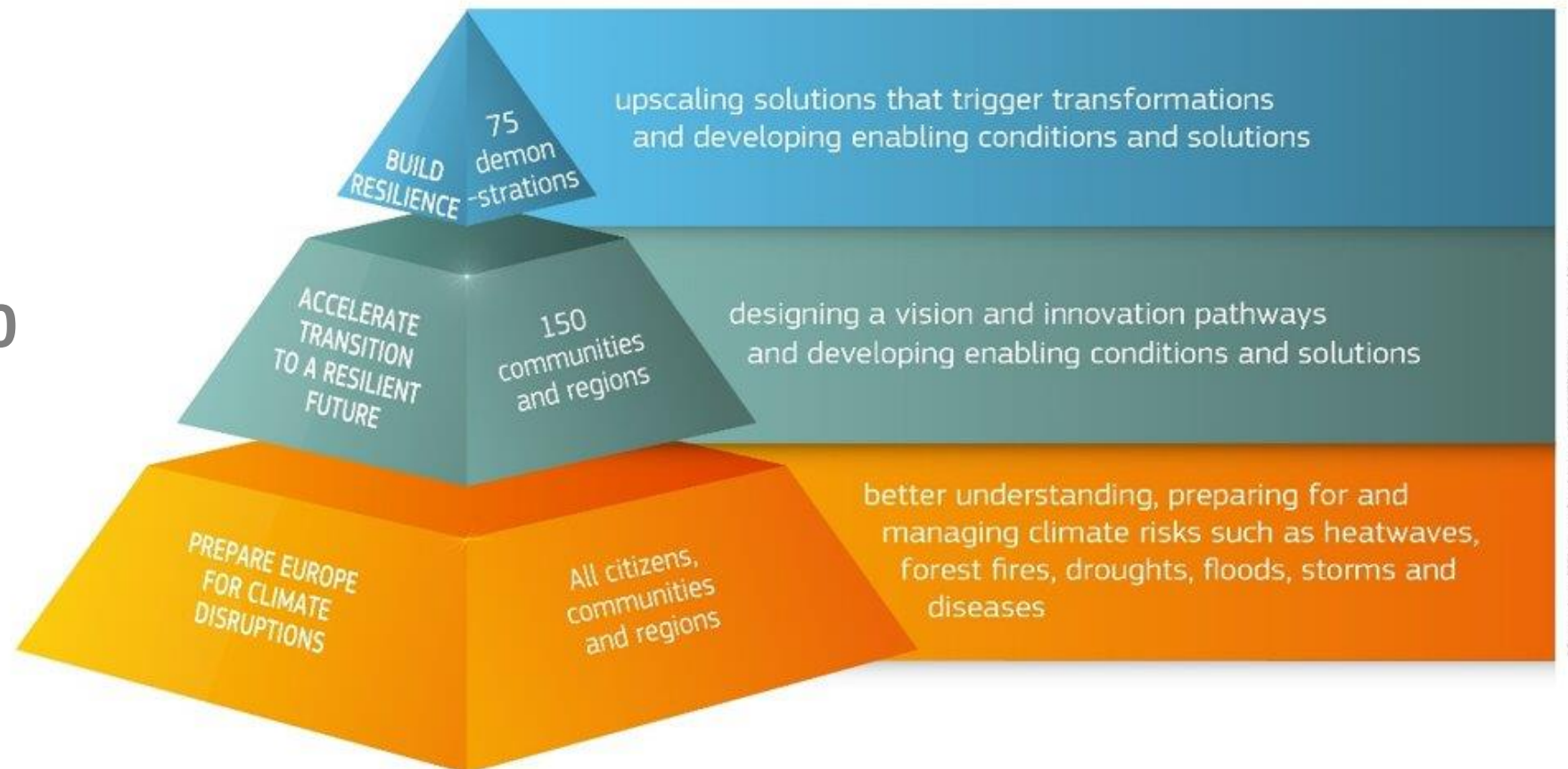
# Mission Adaptation to Climate change



# Objectives

To support **at least 150 European regions** and communities to become **climate resilient by 2030**

Communities and regions involved will sign the mission charter





# The Charter for the Mission

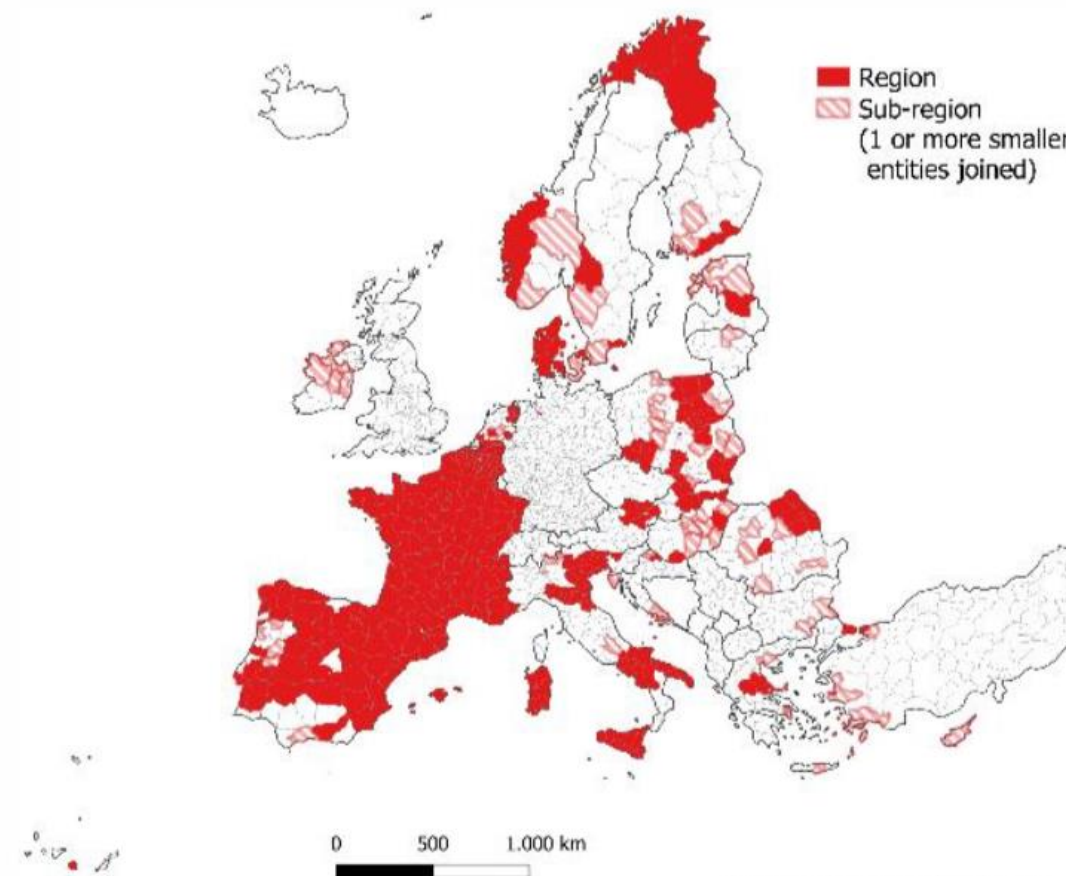
## ► 21 Portuguese Regions & Local authorities joined the Mission

Alentejo, Área Metropolitana de Lisboa, Braga, Cascais, Castro Verde, Cávado, Coruche, Fundão, Figueira da Foz, Idanha-a-Nova, Lisboa, Loures, Mafra, Matosinhos, Médio Tejo, Oeiras, Porto, Região de Coimbra, Sintra, Vila Franca de Xira, Vila Pouca de Aguiar.

**5 Friends of the Mission:** Área Metropolitana do Porto, BLC3 e Food4Sustainability, Museu de História Natural e Ciência da Universidade do Porto e a Região Centro

Regions & local authorities (215 so far)

Commit with a Charter



! Map to be treated with care





## Calls 2023



3 calls



82.81 M€



9 expected projects



Average budget per project ~6 M€



3 IA



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# Mission Restore our Ocean and Waters



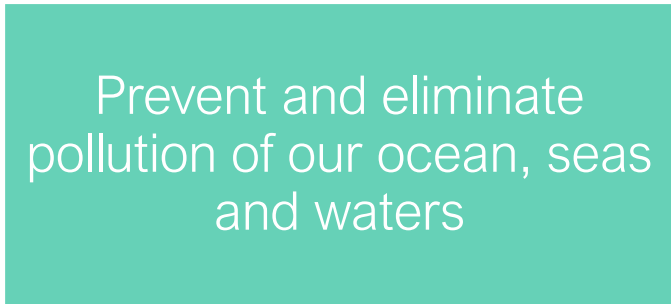
- More info [here](#)
- Video [here](#)

# Objectives

The mission has 3 main objectives:



Protect and restore marine  
and freshwater ecosystems  
and biodiversity

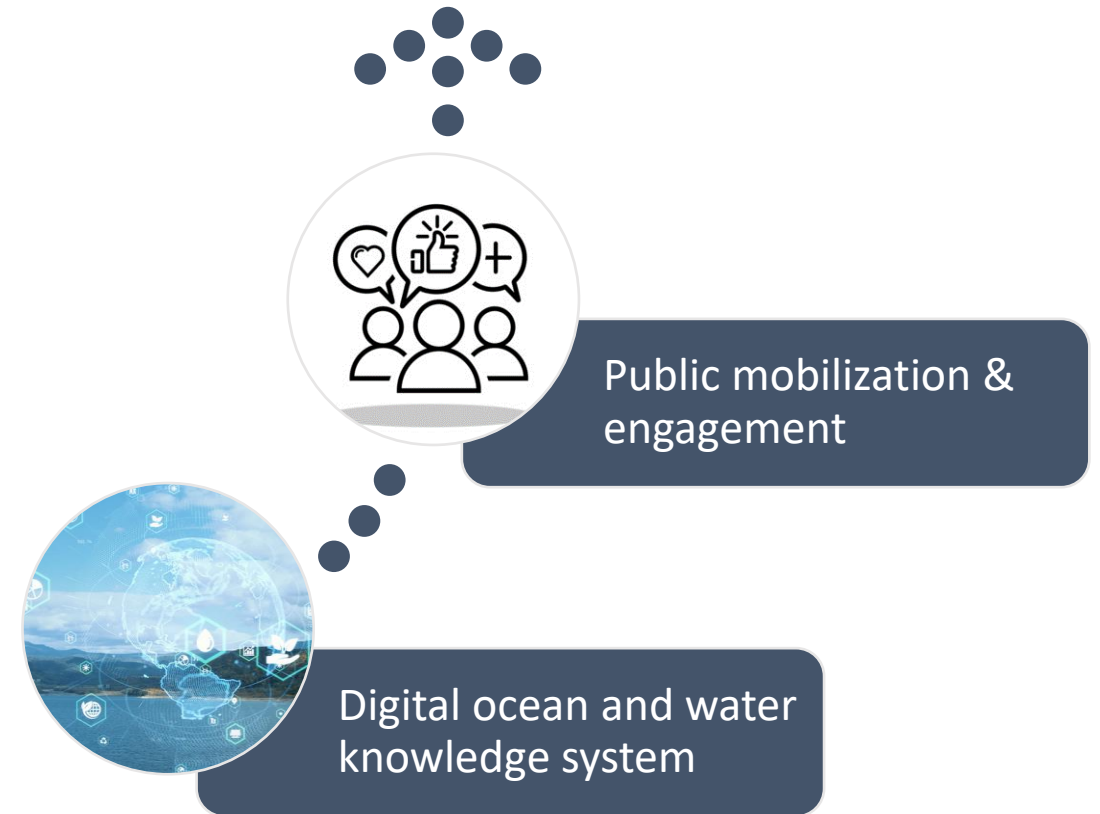


Prevent and eliminate  
pollution of our ocean, seas  
and waters



Make sustainable Blue  
Economy carbon neutral  
and circular

Plus 2 cross-cutting actions:





# Implementation

Phase 1 (2021-2025): Development & Piloting

- **Lighthouses:**
  - hubs / platforms for the development and deployment of transformative innovation
  - 4 focus areas
- **Enablers:** Digital Twin, governance

Phase 2 (2026-2030): Deployment & Upscaling

- Scaling-up
- Replication

Danube river basin



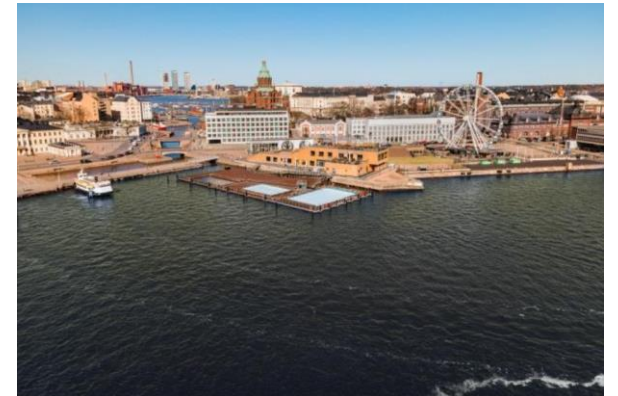
Atlantic & Arctic basin



Mediterranean sea basin

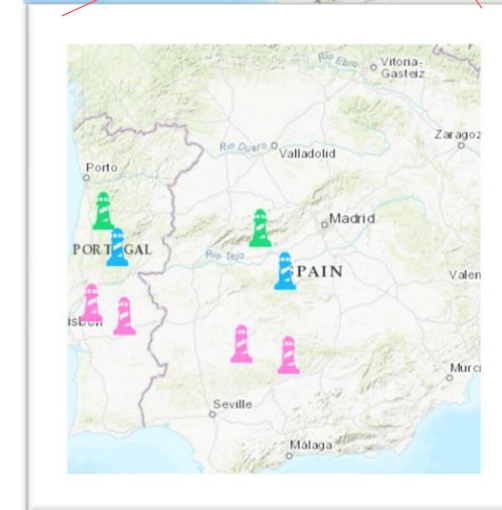
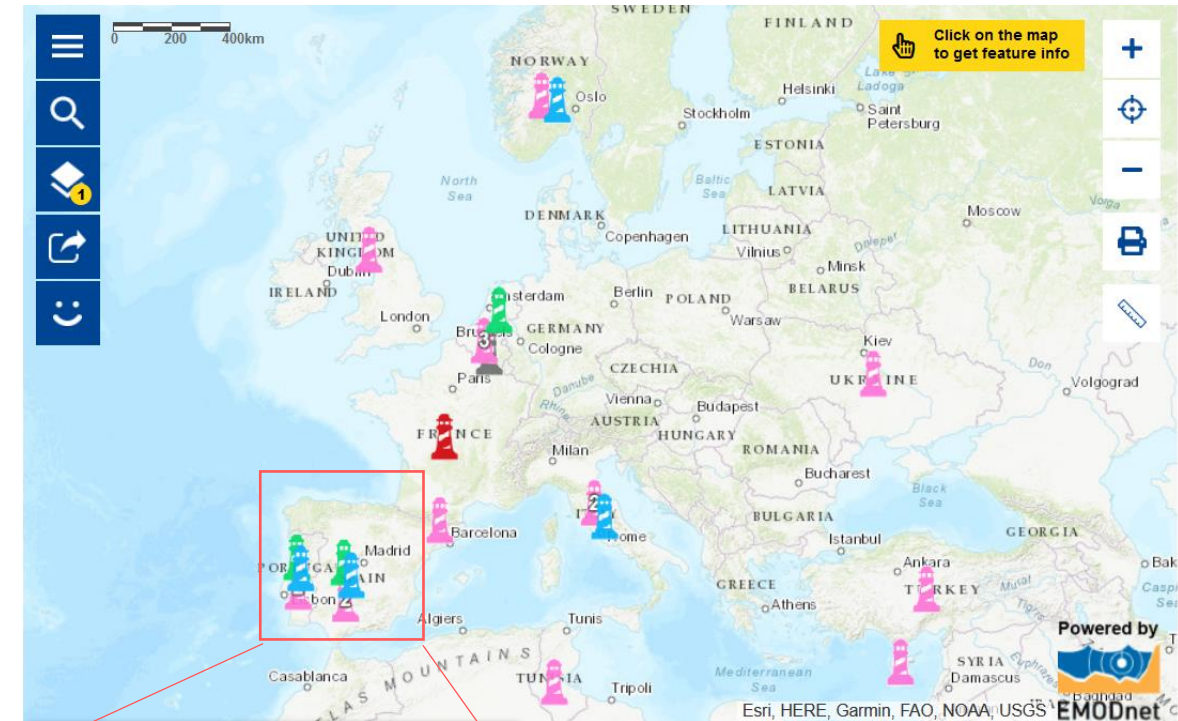


North and Baltic sea basin



# The Charter for the Mission

- Any action /project /activities aligned with the mission
- Entities make non-binding commitments to the mission objectives
- Signal the Mission's importance
- Charter activities are monitored by the Mission's CSA
- Raised profile: involvement in Mission events / fora
- Access to tools to empower citizens



- Research and innovation
- Evidence-based knowledge and data
- Upscaling, deployment and replication of solutions
- Citizen engagement, outreach, awareness raising
- Education and training
- Past actions



# Calls 2023



11 calls



87.7 M€



20 expected projects



Average budget per project ~6 M€



3 RIA, 5 IA, 3 CSA



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# Climate-Neutral and Smart Cities



- More info [here](#)
- Video [here](#)

# Objectives

Deliver at least 100 climate-neutral and smart EU cities by 2030

Climate City  
Contracts

Mission Platform  
(*NetZeroCities*)

Tailor-made help  
with funding and  
financing

A **Mission label** to  
unlock synergies  
with other  
programmes

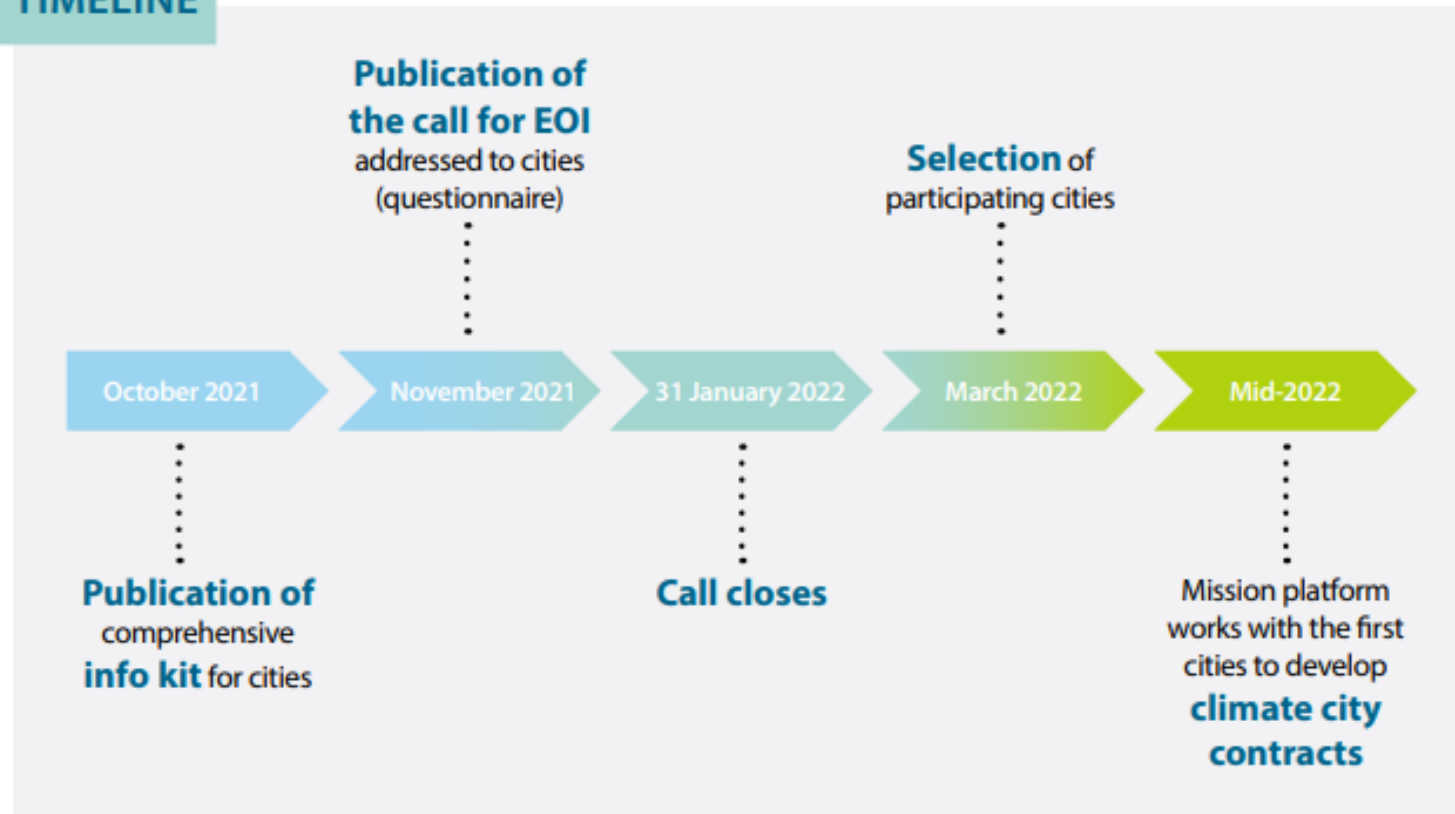
R&I action

Innovative city  
governance models  
and citizen  
engagement



# Implementation

## TIMELINE





## Calls 2023



2 calls



75 M€



5 expected projects



Average budget per project ~20 M€



2 IA



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# Mission Soil Deal for Europe



Video: <https://www.youtube.com/watch?v=53bbzE2IpKc>



# Objectives

**100 living labs and lighthouses to lead the transition towards healthy soils by 2030**

*Specific objectives defined in the Implementation Plan*

1. Reduce **desertification**

2. Conserve **soil organic carbon stocks**

3. Stop **soil sealing** and increase re-use of **urban soils**

4. Reduce **soil pollution** and enhance **restoration**



5. Prevent **erosion**

6. Improve soil structure to enhance **soil biodiversity**

7. Reduce the EU global footprint on **soils**

8. Improve **soil literacy** in society



# Implementation

**100 living labs and lighthouses to lead the transition towards healthy soils by 2030**

- **Living labs** are “real-life” places for experiments and innovation. Each living lab corresponds to a cluster of 10 – 20 sites (e.g. farms) working together at regional or sub-regional level.
- **Lighthouses** are individual places to showcase good practices.

Induction and pilot phase  
(2021 -> 2025)

Engagement sessions in each MS to build ownership and spur process of building LLs (WP 2021)

Establishing and running of the EU coordination and support structure for the network of LLs and LHs (WP 2023)

First wave of living labs cluster projects - 10 living labs each year. (WP2023 & 2024)

Expansion and innovation phase (2025→)

2<sup>nd</sup> wave of living labs cluster projects (WP 2025)

3<sup>rd</sup> wave of living labs cluster projects (WP 2026)

Scaling-up and mainstreaming phase (2027→)

4<sup>th</sup> wave of living lab cluster projects (2027)

Activities that facilitate the mainstreaming and continuation and sustainability of the network (2027)

NUMBER OF SOIL HEALTH LIVING LABS (CUMULATED)





## Calls 2023



9 calls



126 M€



16 expected projects



Average budget per project ~9,5 M€



5 RIA, 3 IA, 1 CSA



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913 171 041



Cancer



Anabela Isidro



Isabel Oliveira



Afonso Duarte



Adaptation to  
Climate Change



Natália Dias

Climate-neutral  
smart cities



Luís Maia



Cristiana Leandro

Restore our oceans,  
seas and waters



Ana Sutcliffe



Maria João Fernandes



Maria João Fernandes



Margarida Santos

# Interested or already in a Mission project?

## 1st European Mission Forum EMiF: "Making Missions Work"

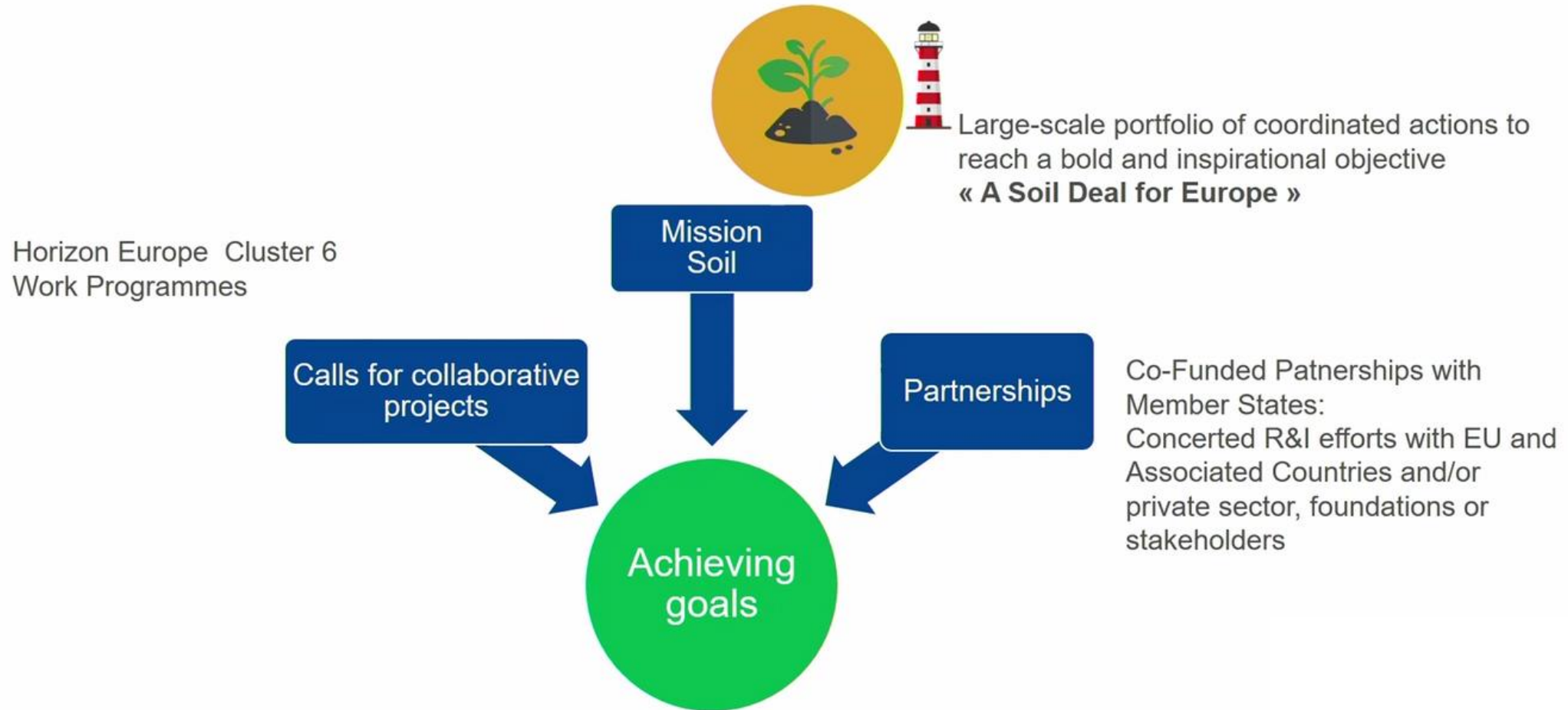
- [Online event](#) on 25 January 2023
- Connect all EU Mission stakeholders and actor groups
  - governmental actors
  - civil society
  - business sector
  - research and innovation





# More funding opportunities and synergies: Horizon Europe Partnerships

# Various instruments to ensure sustainability and resilience of food production





# Partnerships in Cluster 6

- Total of 8 partnerships
- 1 JU: CBE
- 7 co-funded:
  - 3 already in progress
  - 4 new

## PILLAR II - Global challenges & European industrial competitiveness

## PILLAR III - Innovative Europe

Cluster 1: Health	Cluster 4: Digital, industry and space	Cluster 5: Climate, energy and mobility	Cluster 6: Food, bioeconomy, natural resources, agriculture and environment	EIT: The European Institute of Innovation and Technology	European innovation ecosystems
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen	Circular Bio-based Europe	EIT InnoEnergy	Innovative SMEs
Global Health EDCTP3	Smart Networks and Services	Clean Aviation	Biodiversa+	Climate-KIC	
Transformation of Health Care Systems	High Performance Computing	Single European Sky ATM Research 3	Blue Economy	EIT Digital	
Risk Assessment of Chemicals	European Metrology (Art. 185)	Europe's Rail	Water4All	EIT Food	
ERA for Health	AI-Data-Robotics	Connected, Cooperative and Automated Mobility	Animal Health and Welfare	EIT Health	
Rare Diseases	Photonics	Batteries	Accelerating Farming Systems Transitions	EIT Raw materials	
One-Health Antimicrobial Resistance	Made in Europe	Zero-emission Waterborne Transport	Agriculture of data	EIT Manufacturing	
Personalised Medicine	Clean Steel – Low-Carbon Steelmaking	Zero-emission Road Transport	Safe and Sustainable Food Systems	EIT Urban Mobility	
Pandemic Preparedness	Processes4Planet	Built4People		Cultural and Creative Sectors and Industries	
	Globally Competitive Space Systems	Clean Energy Transition			
		Driving Urban Transitions			

## CROSS-PILLARS II and III

European Open Science Cloud

- Institutionalised partnerships (Art 185/7, EIT KICs)
- Co-programmed
- Co-funded
- Not covered in the BMR 2022 due to a later start date



# Partnerships in HE

## Co-funded

Based on a **joint programme agreed by partners**; commitment of partners for financial and in-kind contributions & financial contribution by Horizon Europe.

Pools national funding/resources with co-funding from the EU  
(topics for cofund actions included in the HE WP)

## Institutionalised

Based on the **long-term dimension and need for high integration**; **partnerships** based on Articles 185 / 187 of TFEU and the EIT-Regulation supported by Horizon Europe.

Implementation by dedicated structures & separate WP  
EU funding (+ private entities or MS)

## Co-programmed

Based on **Memoranda of Understanding / contractual arrangement**; implemented independently by the partners and by Horizon Europe.

Activities & contributions agreed by the partners & EU  
(topics included in the HE WP, based on SRIA prepared by an Industrial Association)



# CL6 | One institutionalised Partnership | separate WP

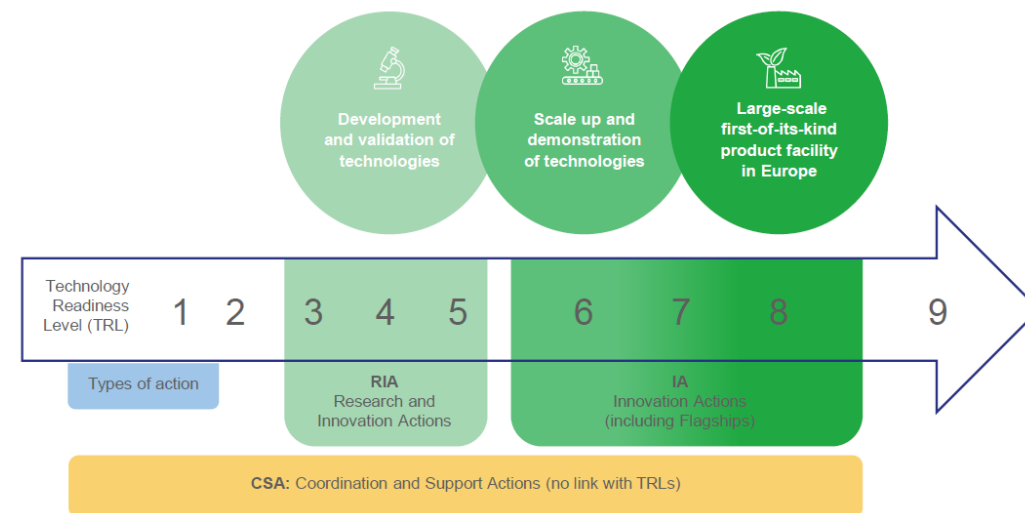
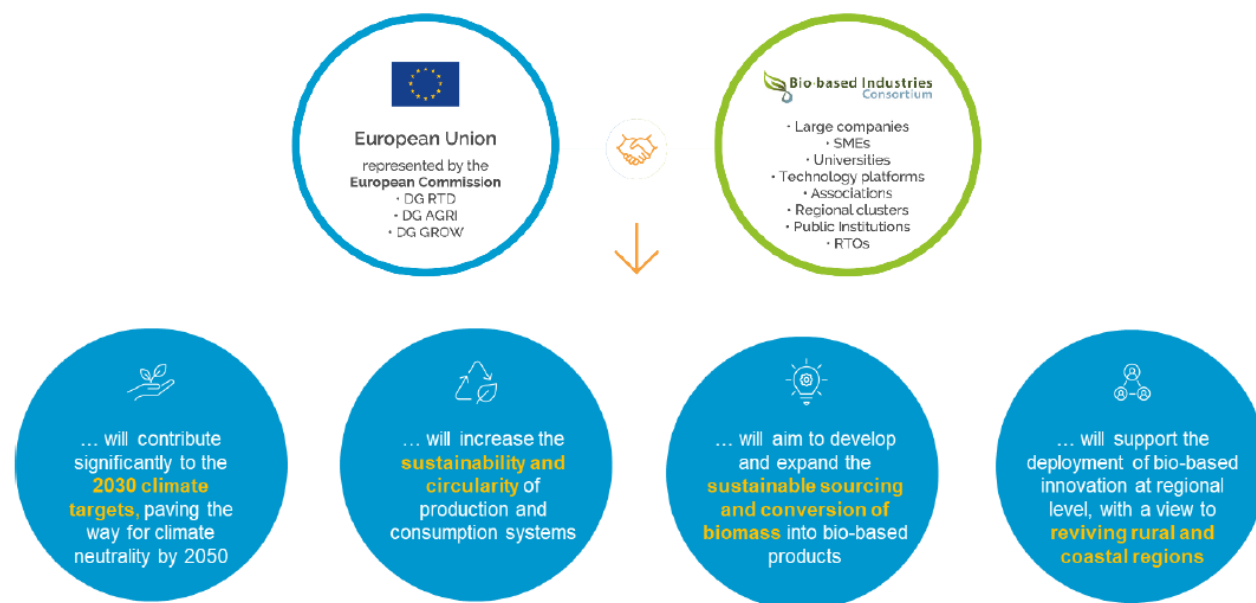
- Operating under the rules of Horizon Europe, for the 2021-2031 period
- This partnership is building on the success of its predecessor, the [Bio-based Industries Joint Undertaking \(BBI JU\)](#), while addressing the current challenges facing the industry
- The role of the Circular Bio-based Europe (CBE) is to bring together various actors from bio-based industries, ranging from farmers to scientists, to solve the technological, regulatory and market challenges of the sector
- Indicative budget (2021-2031): 1 b€ EU (Horizon Europe) + 1b€ ([BIC-Bio-based Industries Consortium](#))





- Operating under the rules of Horizon Europe, for the 2021-2031 period
- **Call 2023** (HORIZON-JU-CBE-2023): April-September (single-stage)
- **Info Day & Brokerage Event:** Brussels & online, 20/04/2023

<https://www.cbe.europa.eu/>





# Co-funded partnerships in Cluster 6



Destination 1 – Biodiversity  
and ecosystem services

Biodiversa+

Destination 2 – Fair, healthy  
and environment-friendly food  
systems from primary  
production to consumption

Agroecology

Animal Health and  
Welfare

Sustainable Food  
Systems

Destination 5 – Land, ocean  
and water for climate action

Water 4 All

Destination 7 – Innovative  
governance, environmental  
observations & digital  
solutions for the Green Deal

Agriculture of Data

Sustainable Blue  
Economy

Biodiversa+, Water4All, SBEP → launched in WP 2021-2022

Agroecology, PAHW, Sustainable Food Systems & Agri of Data



## Partnerships in Cluster 6

- Calls pre-published and online
- Deadlines in March and April 2023
- More info [here](#)

Title / Call Identifier	Type of Action	Budget	Call closure
<b>Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment</b>			
DRAFT: European partnership on accelerating farming systems transition – agroecology living labs and research infrastructures/HORIZON-CL6-2023-FARM2FORK-01-1	Programme Cofund Actions	60M€	12 April 2023
DRAFT: European partnership on animal health and welfare/HORIZON-CL6-2023-FARM2FORK-01-2	Programme Cofund Actions	60M€	12 April 2023
DRAFT: European partnership on sustainable food systems for people, planet and climate/HORIZON-CL6-2023-FARM2FORK-01-9	Programme Cofund Actions	45M€	12 April 2023
DRAFT: European partnership of Agriculture of Data/HORIZON-CL6-2023-GOVERNANCE-01-1	Programme Cofund Actions	40 M€	23 March 2023
DRAFT: Additional activities for the European Biodiversity Partnership: Biodiversa+/HORIZON-CL6-2023-BIODIV-01-18	Programme Cofund Actions	60 M€	28 March 2023
DRAFT: Additional activities for the European Partnership Water Security for the Planet (Water4All)/HORIZON-CL6-2023-CLIMATE-01-1	Programme Cofund Actions	36 M€	12 April 2023





# PRIMA

Parceria para a Investigação e Inovação na Região Mediterrânica (PRIMA)



## Main **PRIMA** sections



### Water Management

Integrated and sustainable management of water for arid and semi-arid Mediterranean areas



### Farming systems

Sustainable farming systems under Mediterranean environmental constraints



### Agri-Food value chain

Sustainable Mediterranean agri-food value chain for regional and local development



### WEFE Nexus

Sustainable and innovation Mediterranean path to interconnect and combine water management, sustainable management of water resources, farming systems and agri-food value chains

More calls will open in 2023: stay tuned!



[PRIMA reference documents](#)

[PRIMA funded projects](#)

[Find partners](#)

[Register as an evaluator](#)

[For more informations & support | FCT](#)



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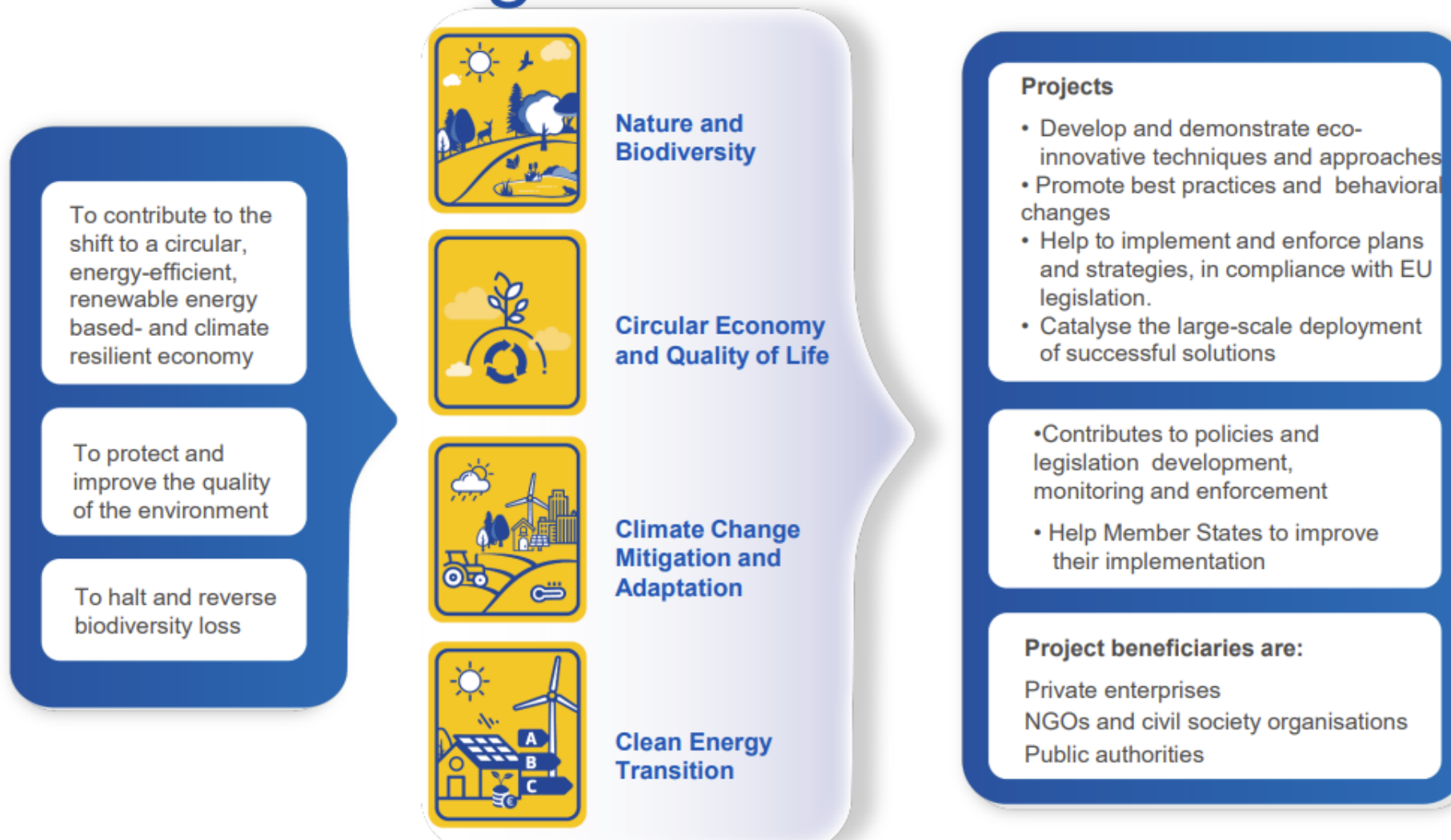


# O Programa LIFE

Managed by Agência Portuguesa do Ambiente



# The LIFE Programme 2021-2027





# EIT FOOD

European Institute of Innovation and Technology

*Working to make the food system more sustainable, healthy and trusted.*



Co-funded by the  
European Union
[eitfood.eu](http://eitfood.eu)

Questions?

Contact [Alexandre Marques](#)
**Innovation**
**Education**
**Entrepreneurship**
**Public engagement**
**Protein Diversification**

We are developing and adopting diversified protein-based solutions, which are healthy, sustainable, safe and affordable.

**Circular Food Systems**

We are encouraging the shift from linear to circular, sustainable food systems, in which resources are reused, nutrients recycled, by-products reduced and what remains is reutilised.

**Digital Traceability**

We are supporting technologies that make it easier to digitalise traceability. This can improve the safety, efficiency and sustainability of food.

**Sustainable Agriculture**

We are supporting European farmers in meeting sustainability requirements by co-creating climate-neutral, fair, resilient and economically viable agricultural practices.

**Sustainable Aquaculture**

We are transforming the aquaculture sector by reducing its carbon footprint, transitioning to circular economy, and ensuring food security and safety.

**Targeted Nutrition**

We are supporting the development of a personalised approach to nutritional products and dietary guidance to create behavioural change towards more healthy and tailored diets.



# GET involved and informed beforehand



Contribute to the R&I priorities discussion and have early access to the WPs

[Grupo Nacional de Discussão do Horizonte Europa  
Pilar II & Pilar III \(GNAD\)](#)



Get informed of all the initiatives, calls and HE hot topics

[ANI Contact List](#)

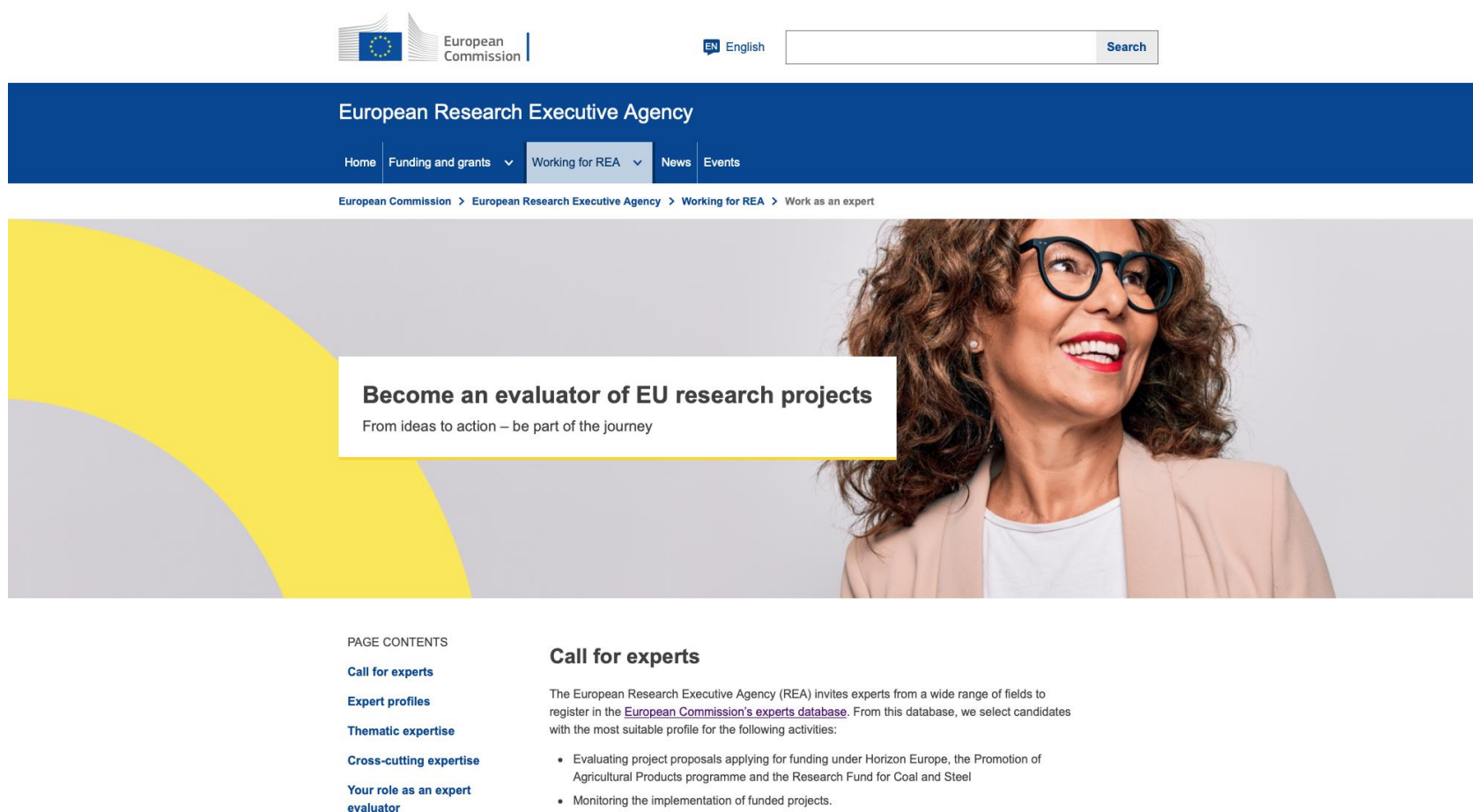
[AICIB Database](#)

[FCT List of Contacts](#)

[PT Space's mailing list](#)

# Get involved

## ✓ Register as a Commission's expert (evaluator)



The screenshot shows the top part of the European Research Executive Agency (REA) website. At the top, there is a navigation bar with the European Commission logo, a language selector (EN English), and a search bar. Below this is a dark blue header with the text "European Research Executive Agency" and a menu with links: Home, Funding and grants, Working for REA, News, and Events. A breadcrumb trail below the header reads: European Commission > European Research Executive Agency > Working for REA > Work as an expert. The main content area features a large banner with a woman's face and the text "Become an evaluator of EU research projects" and "From ideas to action – be part of the journey". Below the banner, there is a "PAGE CONTENTS" section with links: Call for experts, Expert profiles, Thematic expertise, Cross-cutting expertise, and Your role as an expert evaluator. To the right of this is a "Call for experts" section with a paragraph and a list of activities.

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EN English

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**Become an evaluator of EU research projects**  
From ideas to action – be part of the journey

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- [Thematic expertise](#)
- [Cross-cutting expertise](#)
- [Your role as an expert evaluator](#)

**Call for experts**

The European Research Executive Agency (REA) invites experts from a wide range of fields to register in the [European Commission's experts database](#). From this database, we select candidates with the most suitable profile for the following activities:

- Evaluating project proposals applying for funding under Horizon Europe, the Promotion of Agricultural Products programme and the Research Fund for Coal and Steel
- Monitoring the implementation of funded projects.