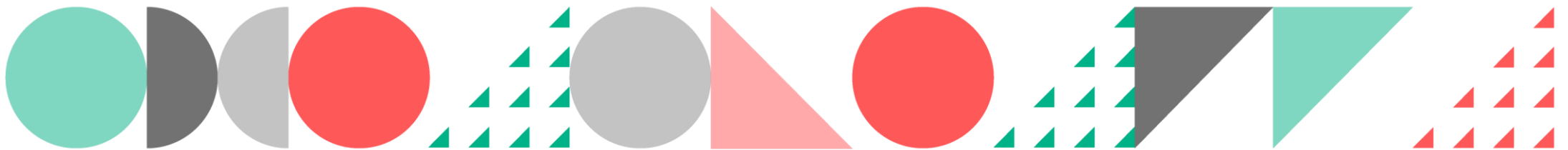




Horizon Europe Cluster 6

Food, bioeconomy, natural resources, agriculture and environment

Maria João Fernandes | HEU CL6 Delegate & NCP
National Innovation Agency, Portugal



WHERE TO FIND THE HORIZON EUROPE CL6 FUNDING OPPORTUNITIES?



In Pillar 2

Top down!

Cluster 6 – Food, Bioeconomy, Natural Resources, Agriculture and Environment

DESTINATIONS & CALLS (areas of impact)

e.g.

Destination 1

Call: Biodiversity and ecosystem services

TOPICS (specific calls !)



e.g. HORIZON-CL6-2023-BIODIV-01-17: Interlinkages between biodiversity loss and degradation of ecosystems and the emergence of zoonotic diseases (RIA)

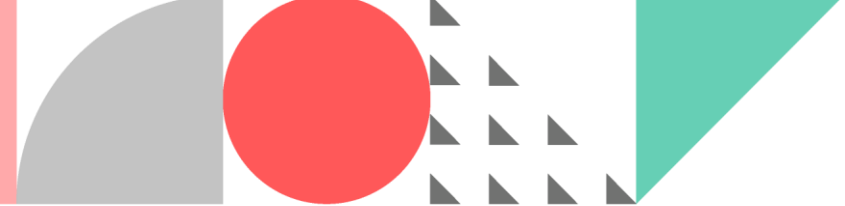
(topic objectives, budget, TRL, type of action etc)

Each word counts!!

- **Expected outcome**
- **Expected contribution**
- **Scope**



FROM INTERVENTION AREAS TO WP DESTINATIONS



7 INTERVENTION AREAS

2021-2027 (7yrs)

~9 b€

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 Bioeconomy

Circular Systems

STRATEGIC PLAN 2021-2024 (4yrs)

Impact 1 Climate neutrality and adaptation to climate change

Impact 2 Preservation and restoration of biodiversity and ecosystems

Impact 3 Sustainable and circular management of natural resources

Impact 4 Food and nutrition security for all from sustainable food systems

Impact 5 Balanced development of rural, coastal and urban areas

Impact 6 Innovative governance models enabling sustainability, environmental observation



• **Destination 5:** Land, oceans and water for climate action



• **Destination 1:** Biodiversity and ecosystem services



• **Destination 3:** Circular economy and bioeconomy
• **Destination 4:** Clean environment and zero pollution



• **Destination 2:** Fair, healthy and environmentally-friendly food systems from primary production to consumption



• **Destination 6:** Resilient, inclusive, healthy and green rural, coastal and urban communities

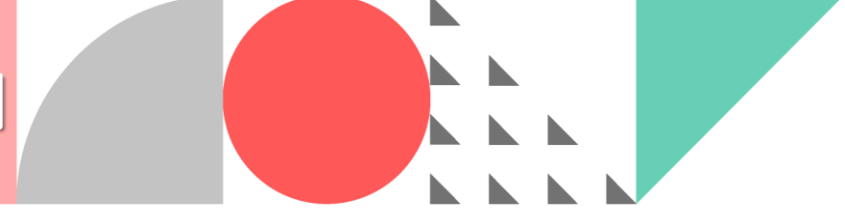


• **Destination 7:** Innovative governance, environmental observations and digital solutions in support of the Green Deal

WORK PROGRAMME 2023-2024 (2yrs)

~2 b€





Cluster

Destination

HORIZON-**CL6**-2023-**BIODIV**-**01**-01

**Call
implementation**
(single/2-stage)

**Opening
Date**

Topic



CLUSTER 6 CALL DEADLINES

Calls 2023

Single stage topics

Mar & Apr 2023
Deadline



Two-stage topics

Mar 2023
1st stage deadline



Sept 2023
2nd stage deadline



2022

2023



Dec 2022
Opening 2023 topics

Calls 2024

Single stage topics

Feb 2024
Deadline



Two-stage topics

Feb 2024
1st stage deadline



Sept 2024
2nd stage deadline



2023

2024



Oct 2023
Opening 2024 topics





International cooperation in Horizon Europe Work Programme 2023-24

Pillar 2

	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%
	730	642	141	22%

Horizon Europe (HORIZON)

Type your Keywords...

Match whole words only

GRANTS TENDERS

Submission status

Forthcoming (19) Open for submission (18) Closed

Programming period

2021 - 2027 (37)

Horizon Europe (HORIZON)

Programme part

Mission

Select a Mission...

Destination

Select a Destination...

Quick search on specific priorities

Mediterranean (37)

The HE WP 2023-24 covers actions to support and strengthen international initiatives addressing global challenges and introduces the new **'Mediterranean Initiative'**, responding to the new R&I agenda developed with the Union for the Mediterranean.

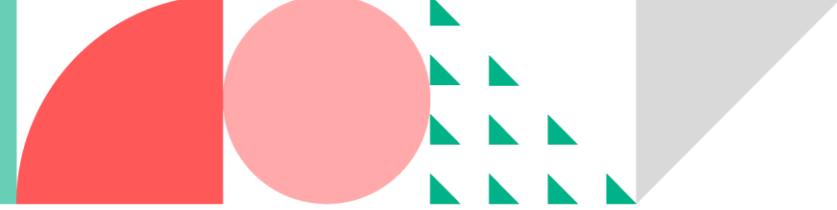
[List of Mediterranean topics in WP 2023-24](#)

Pillar	Programme	# Topics
2	CL1. Health *	2
	CL2. Culture, Creativity and Inclusive Society	2
	CL4. Digital, Industry and Space	2
	CL5. Climate, Energy and Mobility	5
	CL6. Food, Bioeconomy, Natural Resources, Agriculture and Environment *	23
	Soil & Ocean Mission	2
3	EIE – European Innovation Ecosystems	1

* Including Cofund partnerships



CL6 | TOPICS SUPPORTING THE MED INITIATIVE



Biodiversity and ecosystem services

2 topics

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

9 topics

Circular economy and bioeconomy sectors

2 topics

Clean environment and zero pollution

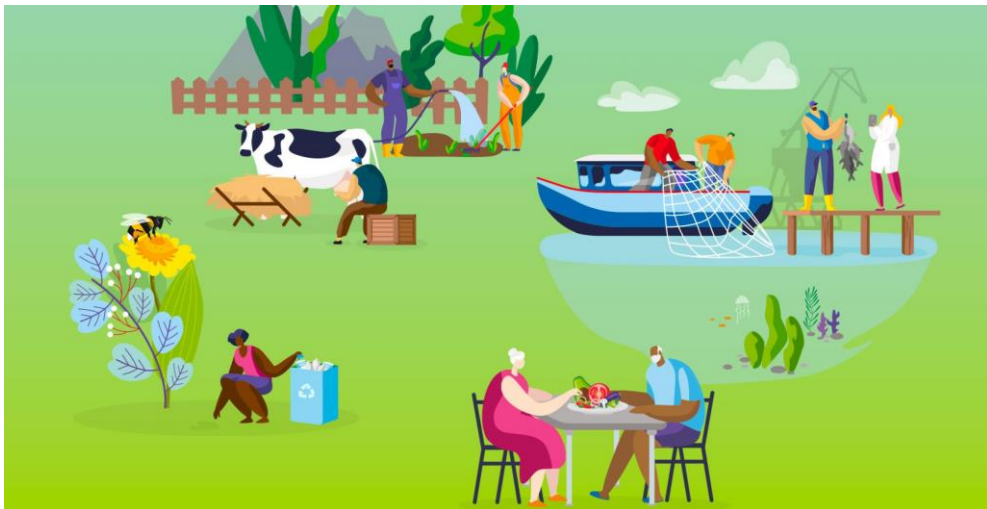
4 topics

Land, ocean and water for climate action


4 topics

Resilient, inclusive, healthy and green rural, coastal and urban communities

Innovative governance, environmental observations and digital solutions in support of the Green Deal

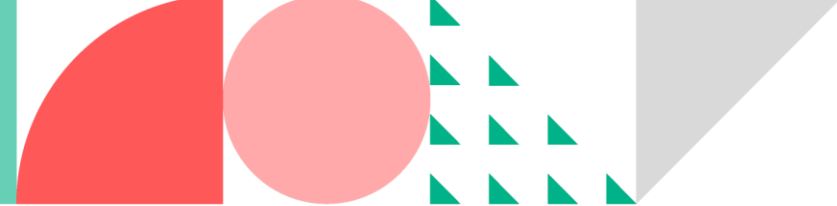


CL6 | TOPICS SUPPORTING THE MED INITIATIVE

Topics 2023	CL6. Food, Bioeconomy, Natural Resources, Agriculture & Environment	Deadline
CL6-2023-BIODIV-01-3	Interdisciplinary assessment of changes affecting terrestrial and freshwater ecosystems , building on observation programmes RIA	28/03/2023
CL6-2023-BIODIV-01-17	Interlinkages between biodiversity loss and degradation of ecosystems and the emergence of zoonotic diseases RIA	
CL6-2023-FARM2FORK-01-15	Fostering resilient European food systems in a changing world RIA	12/04/2023
CL6-2023-FARM2FORK-01-17	EU-African Union cooperation – linking the activities of the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership and those of the Pan-African Network for Economic Analysis of Policies (PANAP) CSA	 <p>Targeted international cooperation</p>
CL6-2023-FARM2FORK-01-18	Support for the implementation of a sustainable platform for the EU-African Union cooperation under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership CSA	
CL6-2023-FARM2FORK-01-19	Support to the markets and trade of agroecological food products under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership IA	
CL6-2023-FARM2FORK-01-20	EU-Africa Union – food safety RIA	
CL6-2023-CircBio-01-4	Land-based bioprospecting and production of bioactive compounds and functional materials for multiple bio-based value chains RIA	
CL6-2023-CircBio-01-6	Bio-based solutions for humanitarian applications CSA	
CL6-2023-ZEROPOLLUTION-01-2	Integrated assessment and monitoring of emerging pollutants in the marine environment RIA	
CL6-2023-ZEROPOLLUTION-01-7	Strategies to prevent and reduce plastic packaging pollution from the food system RIA	
CL6-2023-CLIMATE-01-2	Improve the reliability and effectiveness of alternative water resources supply systems and technologies IA	12/04/2023
CL6-2023-CLIMATE-01-3	Ocean and coastal waters carbon- and biodiversity-rich ecosystems and habitats in Europe and the Polar Regions RIA	
CL6-2023-CLIMATE-01-6	Analysing fossil-energy dependence in agriculture to increase resilience against input price fluctuations RIA	



CL6 | TOPICS SUPPORTING THE MED INITIATIVE



Topics 2024	CL6. Food, Bioeconomy, Natural Resources, Agriculture & Environment	Deadline
CL6-2024-BIODIV-01-8	Conservation and protection of carbon-rich and biodiversity-rich forest ecosystems RIA	22/02/2024
CL6-2024-FARM2FORK-01-10	EU-African Union cooperation on agroforestry management for climate change adaptation and mitigation RIA	
CL6-2024-FARM2FORK-01-11	EU-African Union – towards climate-neutral, social just fair trade food systems RIA	
CL6-2024-FARM2FORK-02-6-two-stage *	Minimising climate impact on fisheries : mitigation and adaptation solutions for future climate regimes IA	
CL6-2024-FARM2FORK-02-7-two-stage *	Minimising climate impact on aquaculture : mitigation and adaptation solutions for future climate regimes IA	
CL6-2024-ZEROPOLLUTION-01-1	Demonstrating how regions can operate within safe ecological and regional nitrogen and phosphorus boundaries IA	
CL6-2024-ZEROPOLLUTION-01-2	Best available techniques to recover or recycle fertilising products from secondary raw materials CSA	
CL6-2024-CLIMATE-01-6	Ocean models for seasonal to decadal regional climate impacts and feedbacks RIA	

* Topics following a 2-stage application procedure;
2nd stage deadline: 17/09/2024



MULTI-ACTOR APPROACH IN CL6 TOPICS

Multi-actor projects are projects ensuring the genuine involvement of a targeted array of actors, which serves the objectives of the topic

Depending on the objective of the proposal, the type of actors include: **i)** researchers, **ii)** farmers / farmers' groups and associations, **iii)** foresters / foresters' groups and associations, **iv)** aquaculture producers, **v)** fishers / fishers' groups and associations, **vi)** advisors, **vii)** food and bioeconomy businesses, **viii)** other businesses, **ix)** consumer associations, **x)** local communities, **xi)** citizens, **xii)** civil society organisations including NGOs, and **xiii)** government representatives.

They are essentially the (end-) **users of the project results** but the genuine and sufficient involvement of these actors should take place **all over the whole course of the project.**

- 47% of the topics in WP 2023-24 are multi-actor
- Eligibility criteria
- It affects the consortium structure & the way it is presented in the proposal
- Definition on pp 21-23 (Introduction)

<https://ec.europa.eu/eip/agriculture/en/about/multi-actor-projects-scientists-and-farmers>



MORE ON PILLAR 2: EU MISSIONS IN HEU

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**

NEW WAYS OF WORKING

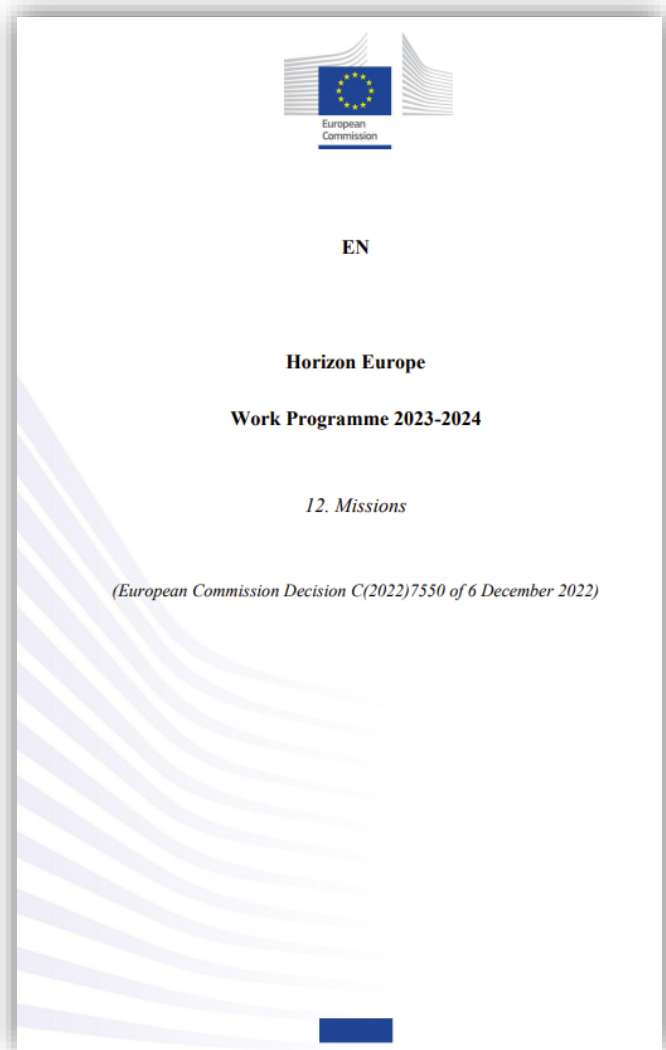
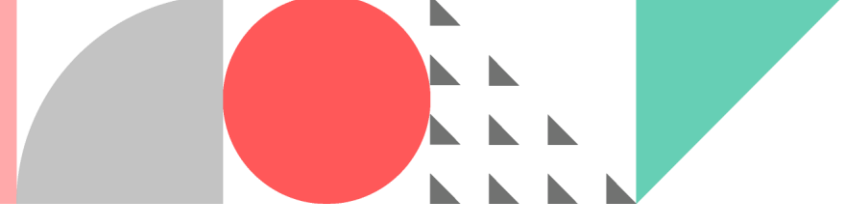
Missions set clear goals to be achieved by a fixed date. They provide the right conditions and funding that will enable researchers, innovators, policy makers, businesses and citizens to act together.

PEOPLE AT THE HEART

EU Missions will inspire and empower citizens to improve their lives and those of others.

https://research-and-innovation.ec.europa.eu/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/eu-missions-horizon-europe_en

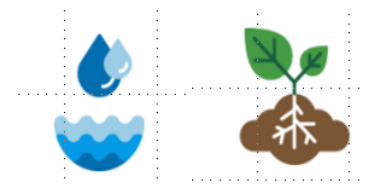




Mission Ocean and Waters and Mission A Soil Deal for Europe – Joint demonstration of approaches and solutions to address nutrient pollution in the landscape-river-sea system in the Mediterranean sea basin

HORIZON-MISS-2023-OCEAN-SOIL-01-01

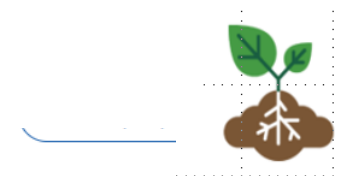
Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON Innovation Actions	Deadline model	single-stage
Opening date	17 January 2023	Deadline date	20 September 2023 17:00:00 Brussels time



Innovations to prevent and combat desertification

HORIZON-MISS-2023-SOIL-01-04

Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON Innovation Actions	Deadline model	single-stage
Opening date	17 January 2023	Deadline date	20 September 2023 17:00:00 Brussels time



FOR MORE DETAILED INFORMATION ON CL6 CALLS 2023

REWATCH

Horizon Europe info days - Cluster 6

Learn more about funding opportunities in the Cluster 6 areas

📅 13 December 2022 - 14 December 2022

🕒 08:00 (GMT+00:00)



REWATCH

EU Missions info days

The event aims to inform potential applicants about the new topics included in the EU Missions work programme 2023

📅 17 January 2023 - 18 January 2023

🕒 08:00 (GMT+00:00)



Recordings of the sessions and the related PPTs are available on the [event's website](#)

The **participants' profiles remain visible** in this [platform](#) and messages can still be exchanged between registered participants.

EUROPEAN UNION

Cluster 6 | FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE & ENVIRONMENT

#HorizonEU

BROKERAGE
19 December 2022



THE EU RESEARCH & INNOVATION PROGRAMME 2021 - 2027

© European Union, 2022



HORIZON EUROPE - HOW TO APPLY?

Submission platform
[Funding & Tenders portal](#)

05



SUBMIT



Build a consortium
Collaborate, collaborate!
[Before applying](#)

03



04



Write the proposal !

Application form (Part A)

Project proposal – Technical description (Part B)

Proposal Templates → [Reference documents](#)

02

Look for a project call

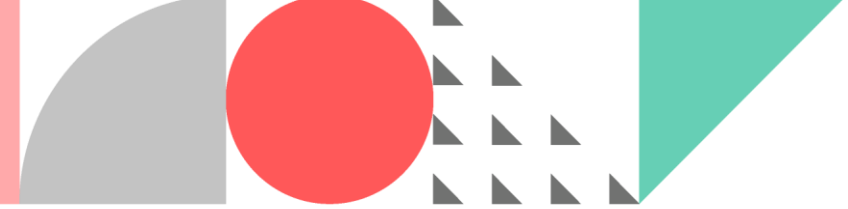
Read the work programmes!

WP & call documents → [Reference documents](#)

01

Ambitious & innovative idea. Concept.
Understand stakeholders needs





Research and innovation

Home > ... > Funding programmes and open calls > Horizon Europe > Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

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

Policy, strategy, how to apply and work programmes.

PAGE CONTENTS

[Policy and strategy](#)

[Apply for funding](#)

[Work programme](#)

[Documents](#)

[Info days](#)

Policy and strategy

This cluster aims at reducing environmental degradation, halting and reversing the decline of biodiversity on land, inland waters and sea and better managing natural resources through transformative changes of the economy and society in both urban and rural areas.

It will ensure food and nutrition security for all within planetary boundaries through knowledge, innovation and digitalisation in agriculture, fisheries, aquaculture and food systems and steer and accelerate the transition to a low carbon, resource efficient circular economy and sustainable bioeconomy, including forestry.

Research and innovation activities under cluster 6 will contribute to the objectives of the [European Green Deal](#) related to the [Biodiversity Strategy to 2030](#), the [Farm to Fork strategy](#), the [European Climate Pact](#) and initiatives under [sustainable industry](#) and [eliminating pollution](#), as well as the [long-term vision for rural areas](#), and the Sustainable Development Goals.

The expected impacts of this cluster are contained in the [Horizon Europe strategic plan](#).

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



More info

CARE4BIO is the official Network of the Horizon Europe 'Cluster 6' (Food, Bioeconomy, Natural Resources, Agriculture and Environment) National Contact Points!
The project has a duration of 67 months.



European Commission > ... > Funding and grants > Horizon Europe - Cluster 6: "Food, bioeconomy, natural resources, agriculture and environment"

Horizon Europe - Cluster 6: "Food, bioeconomy, natural resources, agriculture and environment"



Funding opportunities

Biodiversity and ecosystem services

Submit your proposal by 28 March 2023

Clean environment and zero pollution

Submit your proposal by 28 March 2023

Innovative governance, environmental observations and digital solutions in support of the Green Deal

Submit your proposal by 23 March 2023

How to apply

Overview of the application process and what types of projects can be funded

Fair, healthy and environmentally friendly food systems from primary production to consumption

Submit your proposal by 12 April 2023

Land, ocean and water for climate action

Submit your proposal by 12 April 2023

EU Mission: A Soil Deal for Europe

Next call for proposals on 17 January 2023

How to apply

Overview of the application process and what types of projects can be funded

Circular economy and bioeconomy sectors

Submit your proposal by 28 March 2023

Resilient, inclusive, healthy and green rural, coastal and urban communities

Submit your proposal by 12 April 2023

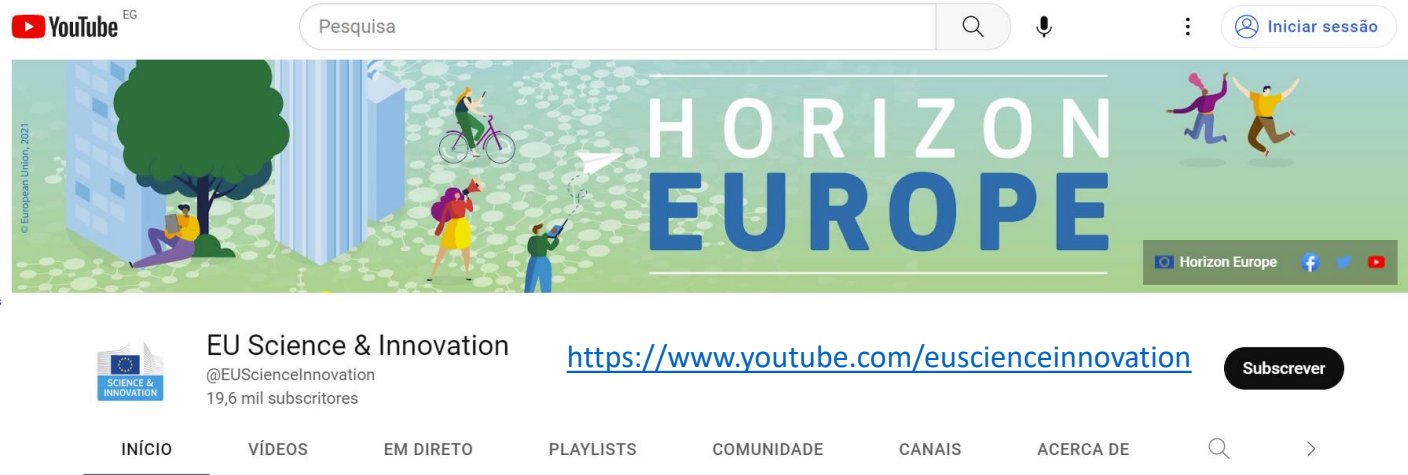
Support for applicants

Resources and contact points to help you prepare your proposal

https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/cluster-6-food-bioeconomy-natural-resources-agriculture-and-environment_en

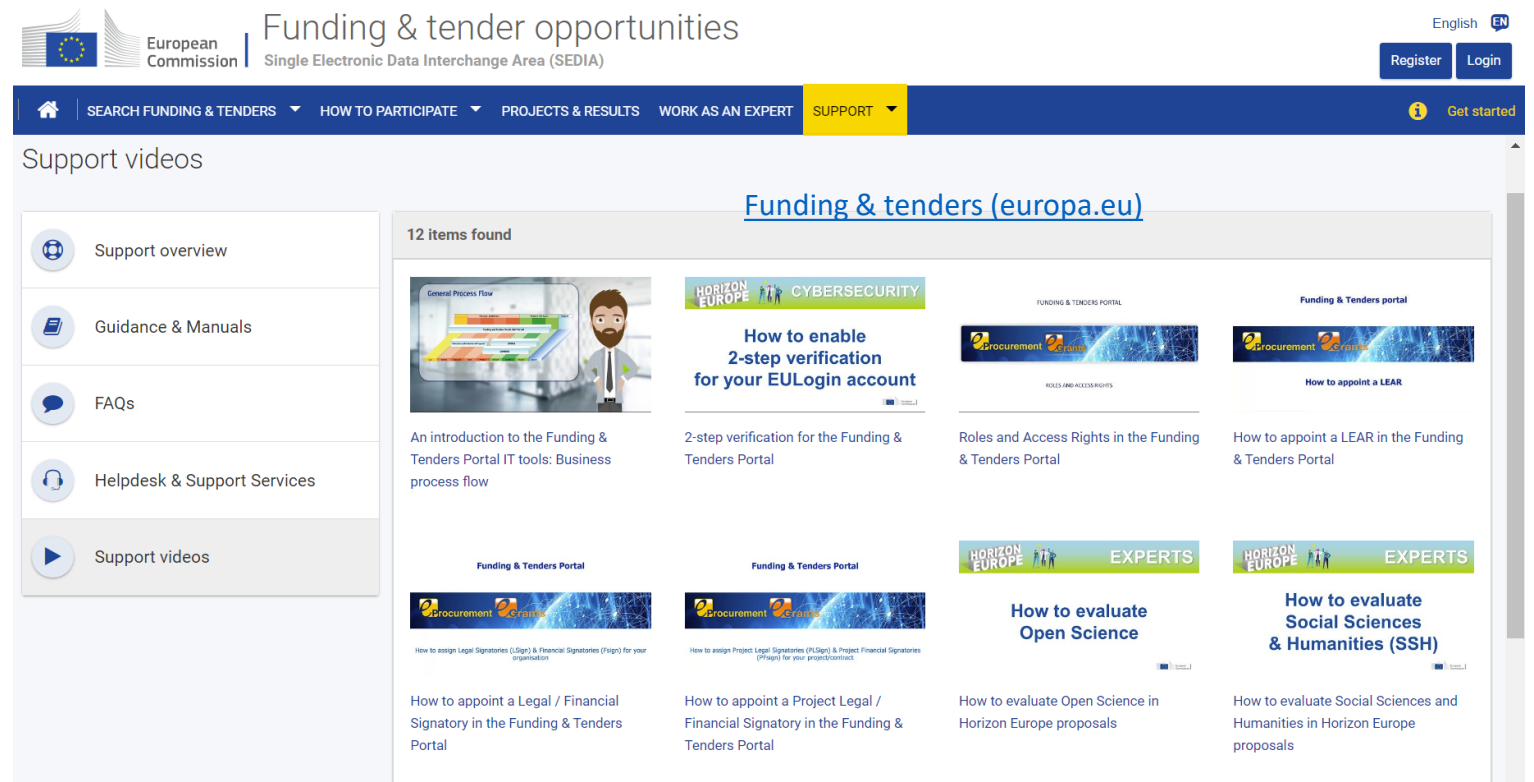
https://rea.ec.europa.eu/funding-and-grants/horizon-europe-cluster-6-food-bioeconomy-natural-resources-agriculture-and-environment_en



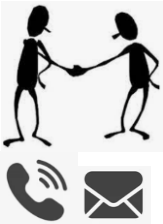


Lots of highly information is available online, including **several highly relevant webinars that have been organized by the EC**

- ❑ [How to prepare a successful proposal in Horizon Europe \(24.03.2021\)](#)
- ❑ [A successful proposal for Horizon Europe\(21.04.2021\)](#)
- ❑ [The Funding & tenders Portal for beginners \(27.05.2021\)](#)
- ❑ [Funding & Tenders Portal Partner Search and person profile \(28.09.2021\)](#)
- ❑ [Submission and evaluation, Grant Agreement Preparation, Legal and Financial Aspects \(10.12.2021\)](#)



Contact your NCP!



National Contact Points for Horizon Europe

The network of National Contact Points (NCPs) is the main structure to provide guidance, practical information and assistance on all aspects of participation in Horizon Europe. NCPs are also established in many non-EU and non-associated countries ("third countries").

Search by

Country Group:

Third countries ▼

Country(ies):

Select a countr... ▼

Function(s):

All Functions ▼

Clear

Order By:


Country

Contact

Recent

Organisation

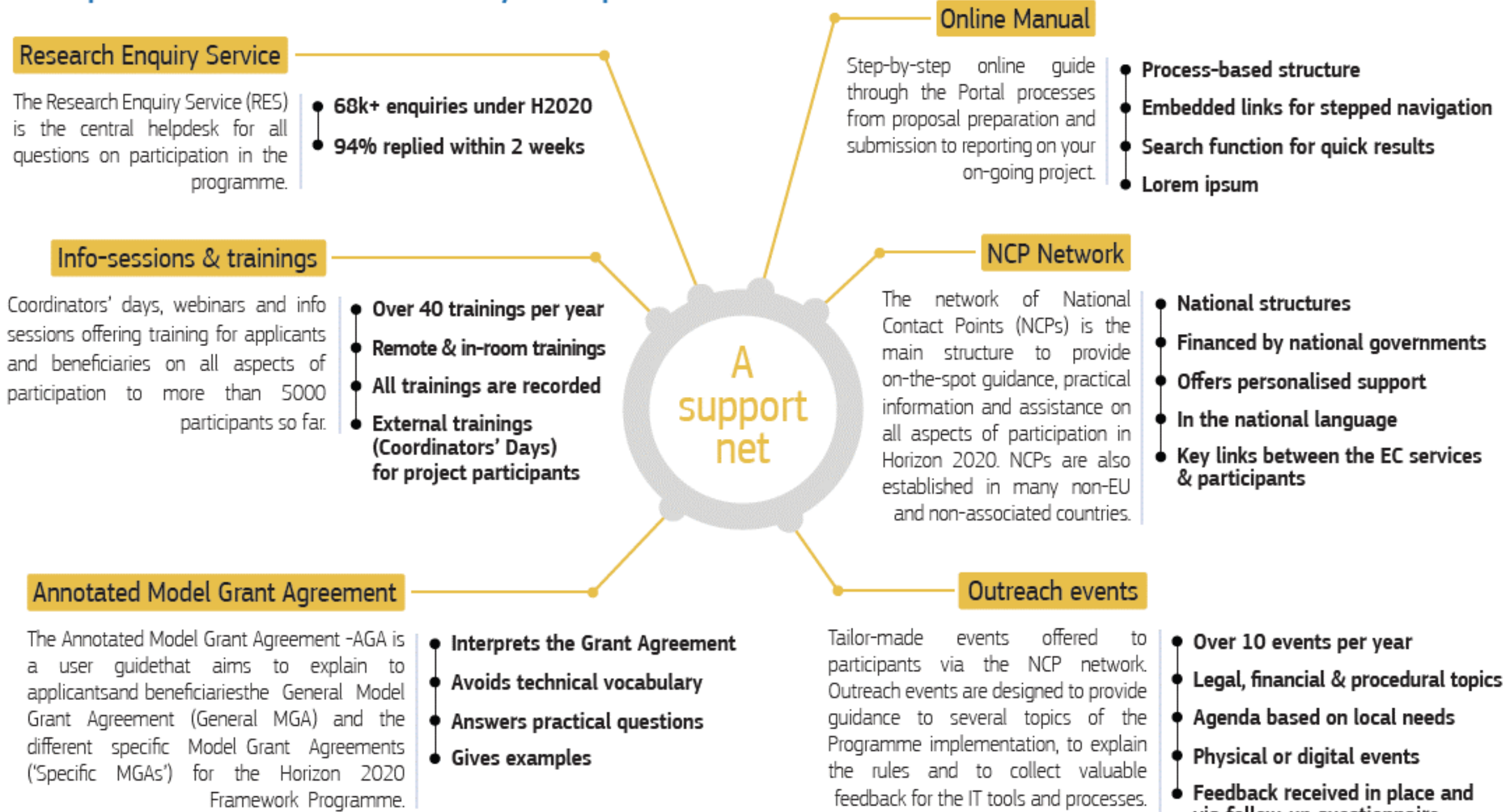
NCP Services

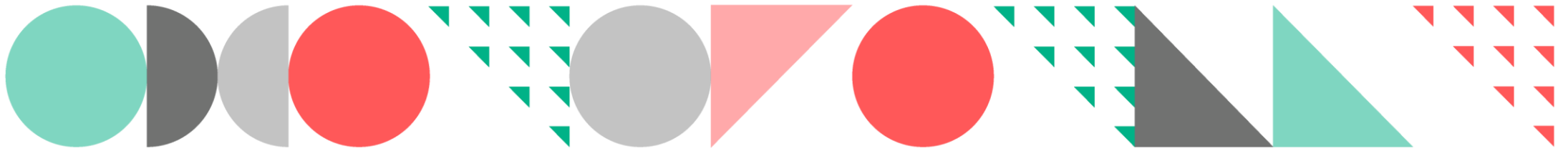
In general, the following basic services are available in accordance with the  **NCP Guiding Principles** agreed by all countries:

1. Guidance on choosing relevant Horizon Europe topics and types of action
2. Advice on administrative procedures and contractual issues

List of HEU NCPs in the F&T portal: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/ncp>

A complete set of tools & services at your disposal





Thank you!

Maria João Fernandes | HEU CL6 Delegate & NCP

mariajoao.fernandes@ani.pt



AGÊNCIA NACIONAL
DE INOVAÇÃO

