

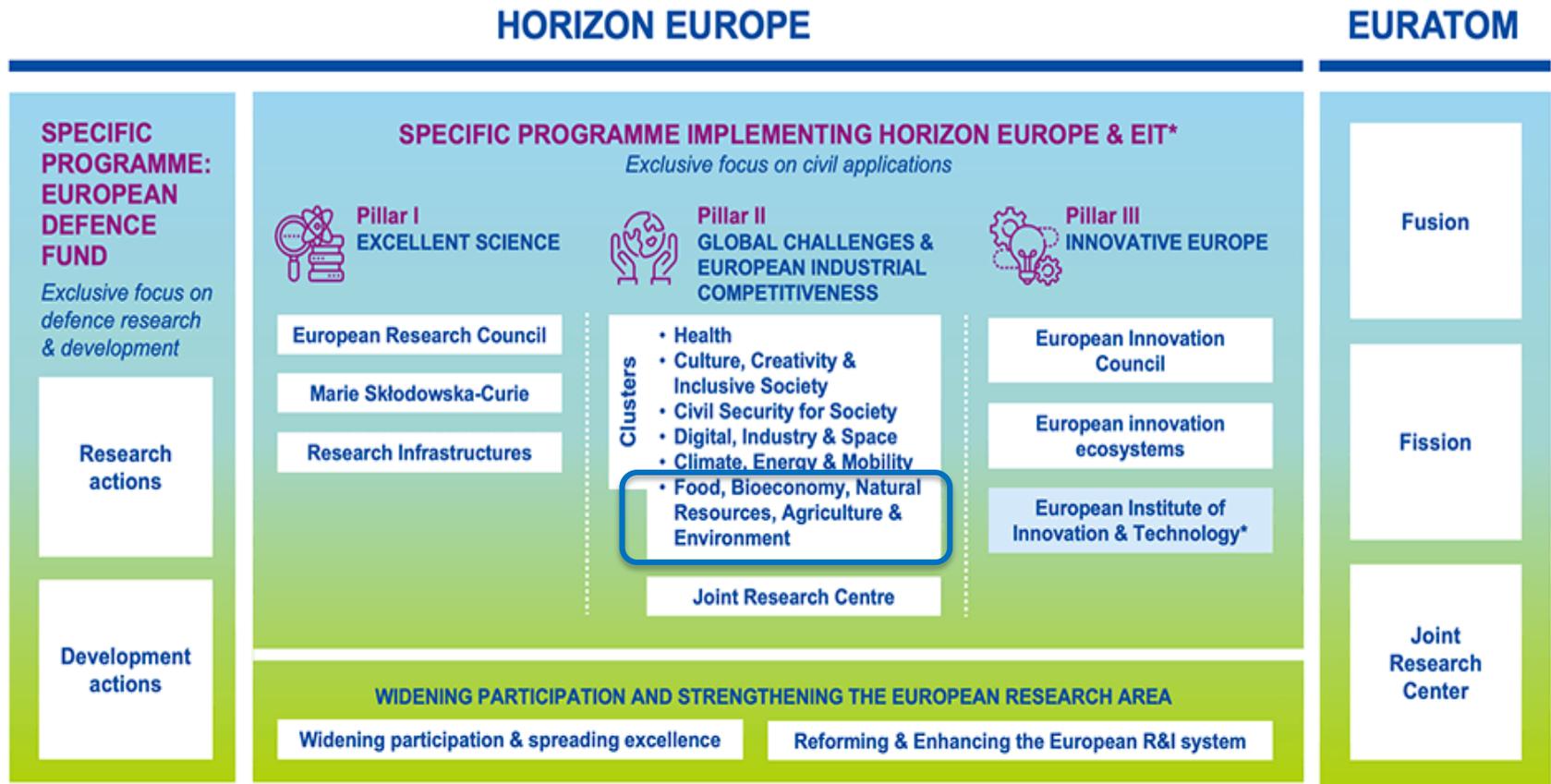


Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Ενημερωτική Διαδικτυακή Εκδήλωση με τίτλο “Χρηματοδοτικές
ευκαιρίες στον Ορίζοντα Ευρώπη”
Πανεπιστήμιο Δυτικής Μακεδονίας
Πέμπτη, 2 Δεκεμβρίου 2021



Horizon Europe – Programme structure



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



Cluster 6 Budget 2021-2027

Πυλώνας II

Προϋπολογισμός για τις ομάδες και για το JRC

σε τρέχουσες τιμές

Ομάδα 1:	Υγεία	8,246 δισ. ευρώ (συμπεριλ. 1,35 δισ. ευρώ από το NGEU)
Ομάδα 2:	Πολιτισμός, δημιουργικότητα και κοινωνίες χωρίς αποκλεισμούς	2,280 δισ. ευρώ
Ομάδα 3:	Πολιτική προστασία για την κοινωνία	1,596 δισ. ευρώ
Ομάδα 4:	Ψηφιακές τεχνολογίες, βιομηχανία και διάστημα	15,349 δισ. ευρώ (συμπεριλ. 1,35 δισ. ευρώ από το NGEU)
Ομάδα 5:	Κλίμα, ενέργεια και κινητικότητα	15,123 δισ. ευρώ (συμπεριλ. 1,35 δισ. ευρώ από το NGEU)
Ομάδα 6:	Τρόφιμα, βιοοικονομία, φυσικοί πόροι, γεωργία και περιβάλλον	8,952 δισ. ευρώ
	JRC (μη πυρηνικές άμεσες δράσεις)	1,970 δισ. ευρώ

Οι ομάδες περιλαμβάνουν προϋπολογισμό για συμπράξεις και αποστολές
Το NGEU είναι το ενωσιακό πρόγραμμα «Next Generation EU» – Ταμείο ανάκαμψης





Aim of Cluster 6

- Reduce environmental degradations
- Halt the decline of biodiversity
- Better manage natural resources
- Serve the EU climate objectives
- Ensure food and water security





Related European Initiatives

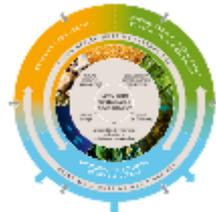
Policies and Strategies



European Green Deal



Farm to Fork Strategy



A sustainable Bioeconomy for Europe



THE GLOBAL GOALS
For Sustainable Development

Other

- EU Forest Strategy
- EU Plastics Strategy
- Chemicals Strategy for Sustainability
- EU Biodiversity Strategy
- Circular Economy Action Plan
- A Europe fit for the digital age
- EU industrial Strategy



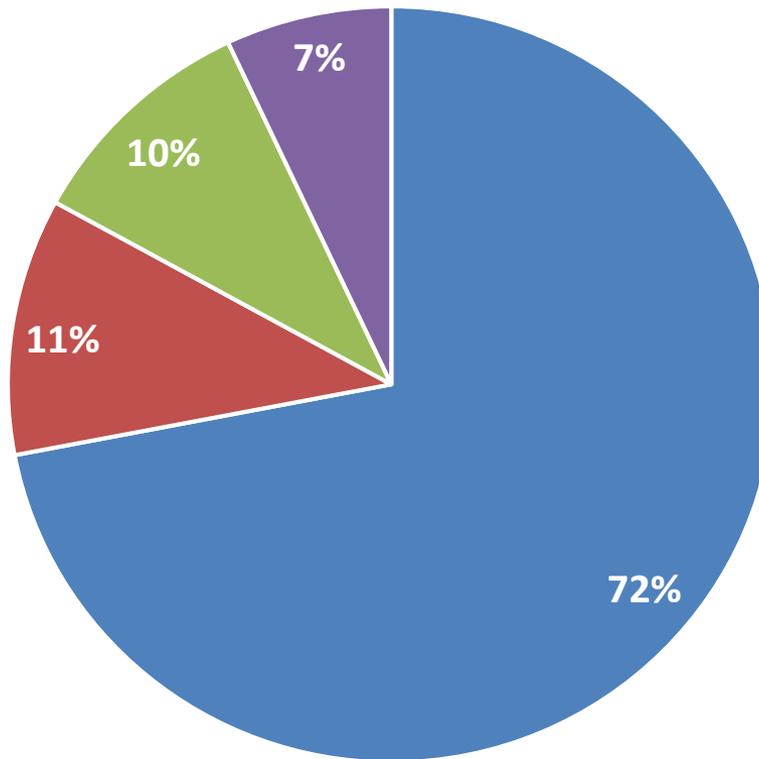


Cluster 6 – Destinations

- Biodiversity and Ecosystem Services
- Fair, healthy and environmentally-friendly food systems from primary production to consumption
- Circular economy and bioeconomy sectors
- Clean environment and zero pollution
- Land, oceans and water for climate action
- Resilient, inclusive, healthy and green rural, coastal and urban communities
- Innovative governance, environmental observations and digital solutions in support of the Green Deal



Budget for Cluster 6 activities



- Available budget for the WP 7 years
- Contribution to CBE partnership
- Reserve for the Missions
- Administrative and horizontal expenditure



WP 2021-2022: Calls 2022

Cluster 6 WP 2021-2022: Calls 2022 at a glance

Cluster 6 - WP 2022 - Overview			
Destinations	Number of Calls	Number of topics	Budget (in mio EUR)
1. Biodiversity	2	13	141
2. Farm to Fork	2	20	230.5
3. Circular economy and bioeconomy	2	13	142
4. Zero pollution	1	4	51
5. Land, ocean and water for Climate action	1	5	75
6. Communities	2	7	75
7. Governance	1	15	147
Total	11	77	861.5
<i>7 Destinations</i>			



#CL6INFODAY

www.sli.do



WP 2021-2022: Calls 2022

Cluster 6 WP 2021-2022: 2022 calls

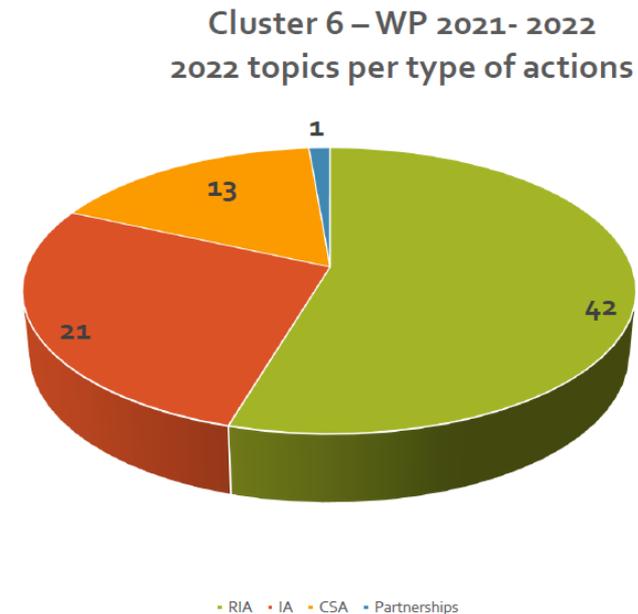
Name of the destination	Call identifier	Opening date	Deadline	Deadline 2nd stage	Number of topics
Biodiversity and Ecosystem Services	HORIZON-CL6-2022-BIODIV-01	28/10/2021	15/02/2022		10
	HORIZON-CL6-2022-BIODIV-02	28/10/2021	15/02/2022	01/09/2022	3
Fair, healthy and environmentally-friendly food systems from primary production to consumption	HORIZON-CL6-2022-FARM2FORK-01	28/10/2021	15/02/2022		15
	HORIZON-CL6-2022-FARM2FORK-02		15/02/2022	06/09/2022	5
Circular economy and bioeconomy sectors	HORIZON-CL6-2022-CircBio-01	28/10/2021	15/02/2022		7
	HORIZON-CL6-2022-CircBio-02		15/02/2022	01/09/2022	6
Clean environment and zero pollution	HORIZON-CL6-2022-ZEROPOLLUTION-01	28/10/2021	15/02/2022		4
Land, oceans and water for climate action	HORIZON-CL6-2022-CLIMATE-01	28/10/2021	15/02/2022		5
Resilient, inclusive, healthy and green rural, coastal and urban communities	HORIZON-CL6-2022-COMMUNITIES-01	28/10/2021	15/02/2022		5
	HORIZON-CL6-2022-COMMUNITIES-02	28/10/2021	15/02/2022	06/09/2022	2
Innovative governance, environmental observations and digital solutions in support of the Green Deal	HORIZON-CL6-2022-GOVERNANCE-01	28/10/2021	15/02/2022		15
TOTAL					77



WP 2021-2022: Calls 2022

Cluster 6 WP 2021-2022: Topics of calls 2022 per type of action

Type of Action	Number of topics
RIA	42
IA	21
CSA	13
Co-funded partnership (climate neutral, sustainable and productive Blue Economy)	1
Total	77





Destination 1: Biodiversity and Ecosystem Services



Destination 1: Biodiversity and Ecosystem Services

Research and Innovation orientations

- Understanding biodiversity decline
- Valuing and restoring biodiversity and ecosystem services
- Managing biodiversity in primary production
- Enabling transformative change in biodiversity
- Interconnecting biodiversity research and supporting policies





2022 Call Opening: 28 Oct 2021

Deadline: 15 Feb 2022

Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-BIODIV-01-01	Observing and mapping biodiversity and ecosystems, with particular focus on coastal and marine ecosystems (RIA)	14 mill	Between 4 and 14 mill
HORIZON-CL6-2022-BIODIV-01-02	Building taxonomic research capacity near biodiversity hotspots and for protected areas by networking natural history museums and other taxonomic facilities (IA)	6 mill	6 mill
HORIZON-CL6-2022-BIODIV-01-03	Network for nature: multi-stakeholder dialogue platform to promote nature-based solutions (CSA)	6 mill	6 mill
HORIZON-CL6-2022-BIODIV-01-04	Natural capital accounting: Measuring the biodiversity footprint of products and organizations (IA)	10 mill	10 mill
HORIZON-CL6-2022-BIODIV-01-05	Intercropping – understanding and using the benefits of complexity in farming and value chains (RIA)	16 mill	8 mill



2022 Call Opening: 28 Oct 2021
Deadline: 15 Feb 2022

Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-BIODIV-01-06	Monitoring and effective measures for agrobiodiversity (RIA)	8 mill	8 mill
HORIZON-CL6-2022-BIODIV-01-07	Protection and sustainable management of forest genetic resources of high interest for biodiversity, climate change adaptation, and forest reproductive materials (RIA)	8 mill	8 mill
HORIZON-CL6-2022-BIODIV-01-08	Assessing the nexus of extraction, production, consumption, trade and behaviour patterns and of climate change action on biodiversity in the context of transformative change (RIA)	12 mill	3 mill
HORIZON-CL6-2022-BIODIV-01-09	Understanding the role of behaviour, gender specifics, lifestyle, religious and cultural values, and addressing the role of enabling players (RIA)	10 mill	Between 3 and 4 mill
HORIZON-CL6-2022-BIODIV-01-10	Cooperation with the Convention on Biological Diversity (CSA)	5 mill	5 mill



2022 Call Opening: 28 Oct 2021 Deadline: 15 Feb 2022 (First Stage), 01 Sep 2022 (Second Stage)

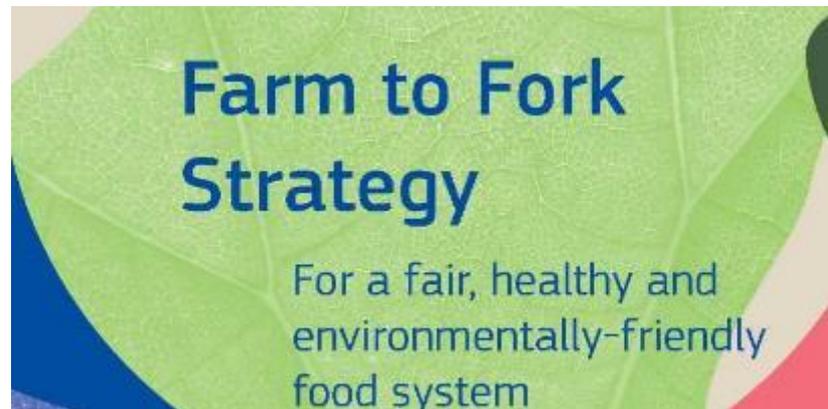
Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-BIODIV-02-01-twostage	Maintaining and restoring pollinators and pollination services in European agricultural landscapes (IA)	20 mill	Between 6 and 10 mill
HORIZON-CL6-2022-BIODIV-02-02-twostage	Boosting breeding for a sustainable, resilient and competitive European legume sector (IA)	14 mill	7 mill
HORIZON-CL6-2022-BIODIV-02-03-twostage	Resilient beekeeping (RIA)	12 mill	6 mill



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

Research and Innovation orientations

- Sustainable farming systems
- Sustainable fisheries and aquaculture
- Transforming food systems for health, sustainability and inclusion
- Global transition to sustainable food systems





2022 Call Opening: 28 Oct 2021

Deadline: 15 Feb 2022

Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-FARM2FORK-01-01	Risk assessment of new low risk pesticides (RIA)	7 mill	7 mill
HORIZON-CL6-2022-FARM2FORK-01-02	Socio-economics of pesticide use in agriculture (RIA)	6 mill	6 mill
HORIZON-CL6-2022-FARM2FORK-01-03	Enhancing biosecurity in terrestrial livestock production (RIA)	10 mill	5 mill
HORIZON-CL6-2022-FARM2FORK-01-04	Innovative solutions to prevent adulteration of food bearing quality labels: focus on organic food and geographical indications (IA)	8 mill	4 mill
HORIZON-CL6-2022-FARM2FORK-01-05	Integrated and sustainable freshwater bioeconomy: Combining aquaculture, biodiversity preservation, biotechnology and other uses (RIA)	10 mill	5 mill



2022 Call Opening: 28 Oct 2021
Deadline: 15 Feb 2022

Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-FARM2FORK-01-06	Biosecurity, hygiene, disease prevention and animal welfare in aquaculture (RIA)	12 mill	6 mill
HORIZON-CL6-2022-FARM2FORK-01-07	Building alternative protein-friendly sustainable and healthy food environments (IA)	12 mill	12 mill
HORIZON-CL6-2022-FARM2FORK-01-08	Research and innovation for food losses and waste prevention and reduction through harmonised measurement and monitoring (RIA)	14 mill	7 mill
HORIZON-CL6-2022-FARM2FORK-01-09	Microbiomes in food production systems (RIA)	10 mill	5 mill
HORIZON-CL6-2022-FARM2FORK-01-10	Integrated surveillance system to prevent and reduce diet-related non communicable diseases (NCDs) (RIA)	11 mill	11 mill



2022 Call Opening: 28 Oct 2021
Deadline: 15 Feb 2022

Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-FARM2FORK-01-11	Effective systems for authenticity and traceability in the food system (RIA)	10 mill	10 mill
HORIZON-CL6-2022-FARM2FORK-01-12	Agro-ecological approaches in African agriculture systems (RIA)	28 mill	7 mill
HORIZON-CL6-2022-FARM2FORK-01-13	AU-EU Combatting all forms of malnutrition (RIA)	11 mill	11 mill
HORIZON-CL6-2022-FARM2FORK-01-14	African food cities (RIA)	12 mill	6 mill
HORIZON-CL6-2022-FARM2FORK-01-15	Support for international research on infectious animal diseases (CSA)	3 mill	3 mill



2022 Call Opening: 28 Oct 2021 Deadline: 15 Feb 2022 (First Stage), 06 Sep 2022 (Second Stage)

Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-FARM2FORK-02-01-two-stage	Agroecological approaches for sustainable weed management (RIA)	14,5 mill	5 mill
HORIZON-CL6-2022-FARM2FORK-02-02-two-stage	Emerging and future risks to plant health (RIA)	7 mill	7 mill
HORIZON-CL6-2022-FARM2FORK-02-03-two-stage	Ecology of infectious animal disease (RIA)	12 mill	6 mill
HORIZON-CL6-2022-FARM2FORK-02-04-two-stage	Smart solutions for the use of digital technologies for small- and medium-sized, farms and farm structures (IA)	15 mill	5 mill
HORIZON-CL6-2022-FARM2FORK-02-05-two-stage	Innovative food from marine and freshwater ecosystems (IA)	18 mill	6 mill



Destination 3: Circular economy and bioeconomy sectors

Research and Innovation orientations

- Circularity
- Bio-based innovation
- Multifunctional and sustainable management of European forests
- Aquatic biological resources and blue biotechnology





2022 Call Opening: 28 Oct 2021

Deadline: 15 Feb 2022

Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-CIRCBIO-01-01	Circular Cities and Regions Initiative's project development assistance (CSA)	10 mill	Between 0,4 and 2 mill
HORIZON-CL6-2022-CIRCBIO-01-02	Marginal lands and climate-resilient and biodiversity-friendly crops for sustainable industrial feedstocks and related value chains (IA)	14 mill	7 mill
HORIZON-CL6-2022-CIRCBIO-01-03	Benefits of the transition towards sustainable circular bio-based systems from linear fossil-based (CSA)	4 mill	2 mill
HORIZON-CL6-2022-CIRCBIO-01-04	Maximising economic, environmental and social synergies in the provision of feedstock for bio-based sectors through diversification and increased sustainability of agricultural production systems (IA)	8 mill	8 mill



2022 Call Opening: 28 Oct 2021
Deadline: 15 Feb 2022

Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-CIRCBIO-01-05	EU-China international cooperation on unlocking the potential of agricultural residues and wastes for circular and sustainable bio-based solutions (RIA)	8 mill	8 mill
HORIZON-CL6-2022-CIRCBIO-01-06	Strengthening the European forest-based research and innovation ecosystem (RIA)	4 mill	4 mill
HORIZON-CL6-2022-CIRCBIO-01-07	Marine microbiome for a healthy ocean and a sustainable blue bioeconomy (RIA)	18 mill	9 mill



2022 Call Opening: 28 Oct 2021 Deadline: 15 Feb 2022 (First Stage), 01 Sep 2022 (Second Stage)

Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-CIRCBIO-02-01-twostage	Integrated solutions for circularity in buildings and the construction sector (IA)	21 mill	Between 6 mill and 8 mill
HORIZON-CL6-2022-CIRCBIO-02-02-twostage	Exploring extreme environments: novel adaptation strategies at molecular level for bio-based innovation (RIA)	10 mill	5 mill
HORIZON-CL6-2022-CIRCBIO-02-03-twostage	Sustainable biodegradable novel biobased plastics: innovation for sustainability and end-of-life options of plastics (IA)	12 mill	6 mill



2022 Call Opening: 28 Oct 2021 Deadline: 15 Feb 2022 (First Stage), 01 Sep 2022 (Second Stage)

Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-CIRCBIO-02-04-twostage	Photosynthesis revisited: climate emergency, “no pollution and zero-emission” challenge and industrial application (RIA)	6 mill	6 mill
HORIZON-CL6-2022-CIRCBIO-02-05-twostage	Life sciences and their convergence with digital technologies for prospecting, understanding and sustainably using biological resources (RIA)	12 mill	6 mill
HORIZON-CL6-2022-CIRCBIO-02-06-twostage	Harnessing the digital revolution in the forest-based sector (IA)	15 mill	Between 6 mill and 8 mill



Destination 4: Clean environment and zero pollution

Research and Innovation orientations

- Advanced understanding of diffuse and point sources of water pollution
- Balanced Nitrogen/Phosphorous flows well within safe ecological boundaries
- Clean, unpolluted seas in the EU and Associated Countries
- Circular bio-based systems reversing climate change, restoring biodiversity and protecting air, water and soil quality
- Innovative biotechnology creating zero-pollution bio-based solutions





2022 Call Opening: 28 Oct 2021
Deadline: 15 Feb 2022

Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-ZEROPOLLUTION-01-01	Preventing groundwater contamination and protecting its quality against harmful impacts of global and climate change (RIA)	12 mill	Between 2 and 4 mill
HORIZON-CL6-2022-ZEROPOLLUTION-01-02	Piloting innovative governance solutions to limit nitrogen and phosphorus emissions at the interface of rural/coastal and urban/industrial environments (IA)	12 mill	6 mill
HORIZON-CL6-2022-ZEROPOLLUTION-01-03	EU-China international cooperation on nature-based solutions for nutrient management in agriculture (IA)	12 mill	6 mill
HORIZON-CL6-2022-ZEROPOLLUTION-01-04	Securing drinking water quality by protecting water sources against pollution, providing innovative monitoring and treatment solutions and ensuring safe distribution (RIA)	15 mill	Between 2 mill and 4 mill



Destination 5: Land, ocean and water for climate action

Research and Innovation orientations

- Better understanding and enhancing the mitigation potential of ecosystems
- Advanced understanding and science to support adaptation and resilience of natural and managed ecosystems
- Efficient monitoring, assessment and projections related to climate change impacts
- Fostered climate change mitigation in the primary sector , including by the reduction of GHG emissions
- Improved adaptive capacity of water and soil systems
- Better managed scarce resources, in particular soils and water, thus mitigating climate related risks





2022 Call Opening: 28 Oct 2021

Deadline: 15 Feb 2022

Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-CLIMATE-01-01	Climate sensitive water allocation systems and economic instruments (IA)	10 mill	Between 4 mill and 5 mill
HORIZON-CL6-2022-CLIMATE-01-02	Understanding the oceanic carbon cycle (RIA)	15 mill	15 mill
HORIZON-CL6-2022-CLIMATE-01-03	Demonstration network on climate-smart farming – boosting the role of advisory services (CSA)	20 mill	20 mill
HORIZON-CL6-2022-CLIMATE-01-04	Fostering the resilience of agricultural production: from observation of changes to the development of resilience strategies (RIA)	15 mill	15 mill
HORIZON-CL6-2022-CLIMATE-01-05	Forestry - European observatory of climate change impacts and demonstration network of climate smart restoration pilots (RIA)	15 mill	15 mill



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

Research and Innovation orientations

- Rural, coastal and urban areas are developed in a sustainable, balanced and inclusive manner
- Rural, coastal and urban communities are empowered to act for change, better prepared to achieve climate neutrality
- Rural communities are equipped with innovative and smarter solutions that increase access to services, opportunities and adequate innovation ecosystems
- The sustainable development of coastal areas including coastal protection and resilience
- Tourism, recreational and leisure activity development in natural and coastal areas respects long-term environmental carrying capacity





2022 Call Opening: 28 Oct 2021
Deadline: 15 Feb 2022

Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-COMMUNITIES-01-01	Boosting women-led innovation in farming and rural areas (RIA)	6 mill	3 mill
HORIZON-CL6-2022-COMMUNITIES-01-02	Assessing and improving labour conditions and health and safety at work in farming (RIA)	5 mill	5 mill
HORIZON-CL6-2022-COMMUNITIES-01-03	Integration of marine ecosystem service valuation, conservation and restoration in socio-economic models (IA)	9 mill	9 mill
HORIZON-CL6-2022-COMMUNITIES-01-04	Social innovation in food sharing to strengthen urban communities' food resilience (IA)	10 mill	10 mill
HORIZON-CL6-2022-COMMUNITIES-01-05	Assessing the socio-politics of naturebased solutions for more inclusive and resilient communities (RIA)	12 mill	6 mill



2022 Call Opening: 28 Oct 2021 Deadline: 15 Feb 2022 (First Stage), 06 Sep 2022 (Second Stage)

Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-COMMUNITIES-02-01- two-stage	Smart solutions for smart rural communities: empowering rural communities and smart villages to innovate for societal change (IA)	14 mill	7 mill
HORIZON-CL6-2022-COMMUNITIES-02-02- two-stage	Developing nature-based therapy for health and well-being (RIA)	19 mill	6 mill



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

Research and Innovation orientations

- Innovative governance models enabling sustainability and resilience
- Green Deal related domains benefit from further deployment and exploitation of Environmental Observation data and products
- A strengthened Global Earth Observation System of Systems
- Sustainability performance and competitiveness in the domains covered by Cluster 6 are enhanced through further deployment of digital and data technologies
- More informed and engaged stakeholders and end users including primary producers and consumers
- Strengthened EU and international science-policy interfaces



2022 Call Opening: 28 Oct 2021
Deadline: 15 Feb 2022

**Indicative
topics**

Topic	Type of Action	Budget	Budget per project
HORIZON-CL6-2022-GOVERNANCE-01- 01	Mobilisation of society to transform food systems for co-benefits (CSA)	8 mill	8 mill
HORIZON-CL6-2022-GOVERNANCE-01- 04	Consumer-focused labelling options for bio-based products (CSA)	3 mill	3 mill
HORIZON-CL6-2022-GOVERNANCE-01- 07	New technologies for acquiring in-situ observation datasets to address climate change effects (IA)	20 mill	3 mill
HORIZON-CL6-2022-GOVERNANCE-01- 10	Piloting approaches and tools to empower citizens to exercise their “data rights” in the area of food and nutrition (RIA)	8 mill	4 mill
HORIZON-CL6-2022-GOVERNANCE-01- 14	Improving preparation of multi-actor projects to enable the relevant actors to work in a co-creative way (CSA)	5 mill	7 mill



Multi Actor Approach – Eligibility Condition (1/2)

Multi-Actor Approach (MAA) in Cluster 6

NEW

Multi-Actor requirements can be found on:

[wp-9-food-bioeconomy-natural-resources-agriculture-and-environment_horizon-2021-2022_en.pdf \(europa.eu\) page 19-21](#)

1. The MAA is an **integral part of the topic text** and is counted as **criterion for excellence**:

- Clarity and pertinence of the project's objectives (*=> focus on needs and opportunities of end-users of project results*)
- Soundness of the proposed methodology, including open science practices including sharing and management of research outputs and engagement of citizens, civil society and end users where appropriate (*=> focus on working according to MAA and plenty of broad communication and dissemination, in particular to end-users of project results*)

2. The MAA = **eligibility criterion** as indicated in the topic table: « proposals must use the MAA »

3. IMPACT of MA project: outcomes are **more demand-driven**, reliable and **relevant to society**

4. End-users/practitioners and intermediates are to be involved, **not as a study-object**, but to use their practical and local knowledge and/or entrepreneurial skills to develop solutions and **create 'co-ownership' of results for (end-) users and practitioners**

~~APPLIED RESEARCH~~

5. This will **speed up the acceptance and take-up of new ideas**, approaches and solutions developed in the project



Multi Actor Approach – Eligibility Condition (2/2)

The Multi-Actor requirements

1. Project objectives must be targeting the needs and opportunities of end-users of results
2. The project concept and composition of the consortium must reflect a balanced choice of key relevant actors with complementary knowledge, able to ensure broad implementation. All actors actively involved all over the whole course of the project as from the planning phase
3. Cross-fertilisation during the project must integrate tacit and practical knowledge
4. Use methods to facilitate the multi-actor engagement process
5. Demonstrate added value: how does the project complement existing research and best practices?
6. Results must be practical, easily understandable and feed into the most used dissemination channels for end-users
7. For EU wide communication: “practice abstracts” in the common EIP format
8. Involve as much as possible local interactive innovation groups (EIP-AGRI Operational Groups under the CAP)



Co-funded Partnerships in Cluster 6

Co-funded partnership	Work Programme where the topic is introduced	EU budget for 7 years
Rescuing biodiversity to safeguard life on Earth	2021-2022	165 mil
Water Security for the Planet	2021-2022	126 mil
A climate neutral, sustainable and productive Blue Economy	2021-2022	150 mil
Accelerating farming system transitions: agroecology, living labs and research infrastructures	2023-2024	150 mil
Animal health: Fighting infectious diseases	2023-2024	180 mil
Safe and sustainable food systems for people, planet and climate	2023-2024	175 mil
Agriculture of data	2023-2024	100 mil

EU Missions

Synergies with EU Missions

- Two of the 5 Missions have their clear centre of gravity in Cluster 6 (Oceans and Waters – Soil Deal)
- Cluster 6 also has strong links with the Mission on Climate adaptation



Adaptation to
Climate change



Cancer



Restore our
Oceans and
Waters



Climate-
neutral &
smart cities



Soil Deal for
Europe



Mission Starfish 2030: Restore Our Ocean and Waters



The Goal:

Know, restore and protect our ocean and waters by 2030, by reducing human pressures on marine and freshwater environments, restoring degraded ecosystems and sustainably harnessing the essential goods and services they provide.

»» Mission Starfish 2030: Restore Our Ocean and Waters





Caring for soil is caring for life



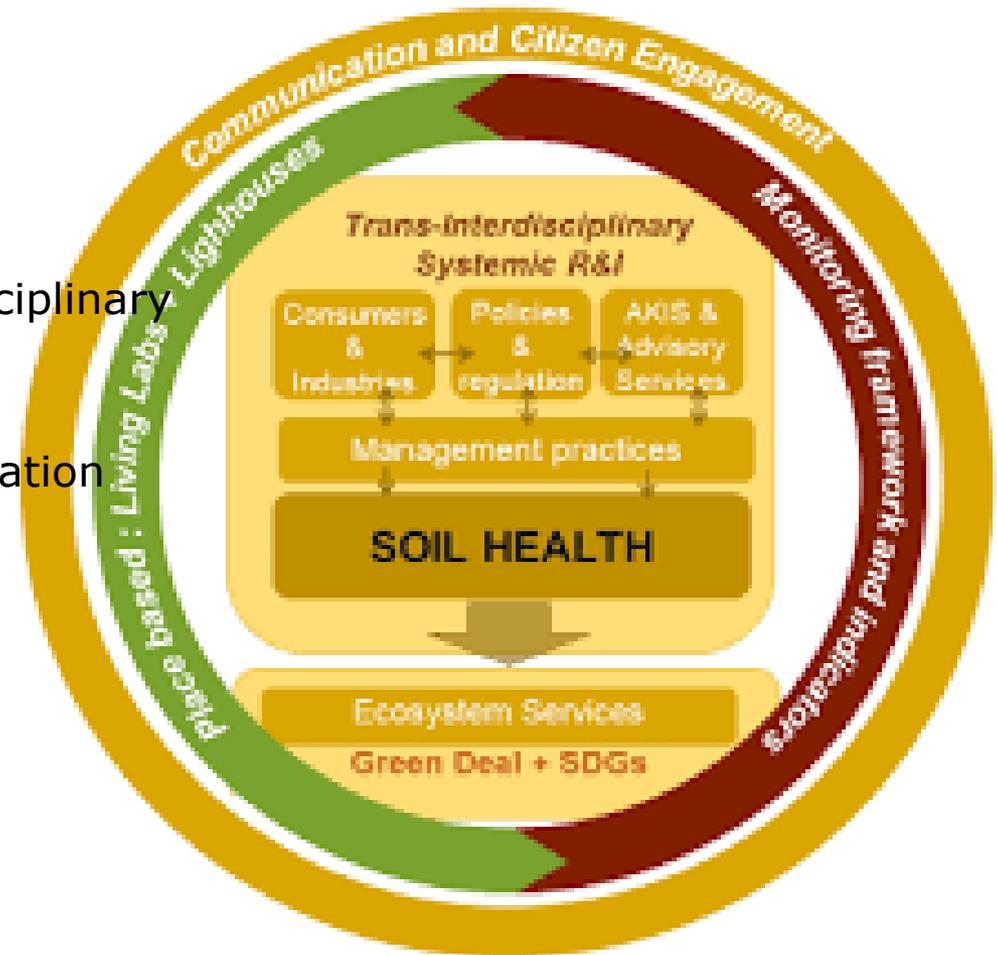
The Goal:

Ensure 75% of soils are healthy by 2030 for food, people, nature and climate

» Caring for soil is caring for life

The mission's building blocks are based on

- co-creation and sharing
- soil monitoring programme
- cross-scale, inter and transdisciplinary R&I programme
- training, education, communication and citizen engagement





Circular Bio-based Europe (CBE)



Nature

Institutional Partnership
(Public-Private)

Launch in 2021

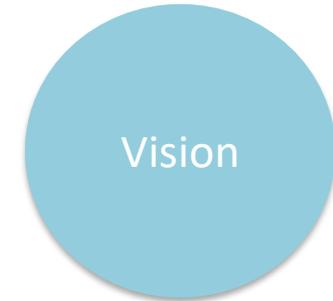
Successor of BBI-JU



Policy
Context

EU Bioeconomy Strategy

A European Green Deal



Vision

Produce major contributions
to the climate targets in
2030 and to pave the way
for climate neutrality by
2050

Sustainable sourcing
conversion of biomass into
bio-based products

Circular economy
approaches, such as
utilization of biological waste
from agriculture

**Circular
Bio-based
Europe**



Funding and Tender Opportunities Portal: Open and topics

Type your Keywords...

Match whole words only

GRANTS TENDERS

Submission status

Forthcoming (380) Open for submission (407) Closed (49)

Programming period

Select a Programme period...

Horizon Europe (HORIZON)

Programme part

Select a Programme part...

Mission

Select a Mission...

Destination

Select a Destination...

Quick search on specific priorities

Select a Priority...

Funding and tenders (836)

[Need help?](#) Sort by:

Grant Support for policy makers – Programme level collaboration between national R&I programmes

Open for submission

Programme	Horizon Europe (HORIZON)	Deadline model	single-stage
ID	HORIZON-WIDERA-2021-ERA-01-09	Opening date	22 June 2021
Types of action	HORIZON Coordination and Support Actions	Deadline date	23 September 2021 17:00:00 Brussels time

Grant Towards a Europe-wide training and networking scheme for research managers

Open for submission

Programme	Horizon Europe (HORIZON)	Deadline model	single-stage
ID	HORIZON-WIDERA-2021-ERA-01-20	Opening date	22 June 2021
Types of action	HORIZON Coordination and Support Actions	Deadline date	23 September 2021 17:00:00 Brussels time

Grant Implementation of a new macro-economic modelling concept

Open for submission

Programme	Horizon Europe (HORIZON)	Deadline model	single-stage
ID	HORIZON-WIDERA-2021-ERA-01-30	Opening date	22 June 2021
Types of action	HORIZON Research and Innovation Actions	Deadline date	23 September 2021 17:00:00 Brussels time

Grant Standardisation Booster for fostering exploitation of FP-funded research results

Open for submission

Programme	Horizon Europe (HORIZON)	Deadline model	single-stage
ID	HORIZON-WIDERA-2021-ERA-01-32	Opening date	22 June 2021
Types of action	HORIZON Coordination and Support Actions	Deadline date	23 September 2021 17:00:00 Brussels time



Funding and Tender Opportunities portal: Open and forthcoming topics

SEARCH FUNDING & TENDERS | HOW TO PARTICIPATE | PROJECTS & RESULTS | WORK AS AN EXPERT | SUPPORT

Horizon Europe (HORIZON)

Need help? | Sort by: | Submission status

Type your Keywords...
 Match whole words only
 GRANTS

Submission status
Forthcoming (280) | Open

Programming period
Select a Programme period...
Horizon Europe (HORIZON)

Programme part
Select a Programme part...

Mission
Select a Mission...

- Excellent Science
 - European Research Council (ERC)
 - Marie Skłodowska-Curie Actions (MSCA)
 - Research infrastructures
- 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
- Innovative Europe
 - The European Innovation Council (EIC)
 - European innovation ecosystems
- Widening Participation and Strengthening the European Research Area
 - Widening participation and spreading excellence
 - Reforming and enhancing the European R&I System

Topic	Deadline model	Opening date	Deadline date
collaboration between national R&I programmes	single-stage	22 June 2021	23 September 2021 17:00:00 Brussels time
ing scheme for research managers	single-stage	22 June 2021	23 September 2021 17:00:00 Brussels time
odelling concept	single-stage	22 June 2021	23 September 2021 17:00:00 Brussels time

Cluster 6 Open Topics

European Commission | Funding & tender opportunities | Single Electronic Data Interchange Area (SEDIA)

English | Register | Login

SEARCH FUNDING & TENDERS | HOW TO PARTICIPATE | PROJECTS & RESULTS | WORK AS AN EXPERT | SUPPORT

Horizon Europe (HORIZON)

Type your Keywords...

Match whole words only

GRANTS TENDERS

Submission status: Forthcoming Open for submission (81) Closed

Programming period: 2021 - 2027 (81)

Horizon Europe (HORIZON)

Programme part: Food, Bioeconomy Natural Resources, Agriculture and Environment

Mission: Select a Mission...

Destination: Select a Destination...

Quick search on specific priorities: Select a Priority...

Filter by call: Select a Call...

CPV code (Tenders Only): Select a CPV code...

Funding and tenders (81)

Grant	Innovative solutions to prevent adulteration of food bearing quality labels: focus on organic food and geographical indications		
Open for submission			
Programme	Horizon Europe (HORIZON)	Deadline model	single-stage
ID	HORIZON-CL6-2022-FARM2FORK-01-04	Opening date	28 October 2021
Types of action	HORIZON Innovation Actions	Deadline date	15 February 2022 17:00:00 Brussels time
Grant	Integrated and sustainable freshwater bioeconomy: Combining aquaculture, biodiversity preservation, biotechnology and other uses		
Open for submission			
Programme	Horizon Europe (HORIZON)	Deadline model	single-stage
ID	HORIZON-CL6-2022-FARM2FORK-01-05	Opening date	28 October 2021
Types of action	HORIZON Research and Innovation Actions	Deadline date	15 February 2022 17:00:00 Brussels time
Grant	Biosecurity, hygiene, disease prevention and animal welfare in aquaculture		
Open for submission			
Programme	Horizon Europe (HORIZON)	Deadline model	single-stage
ID	HORIZON-CL6-2022-FARM2FORK-01-06	Opening date	28 October 2021
Types of action	HORIZON Research and Innovation Actions	Deadline date	15 February 2022 17:00:00 Brussels time
Grant	Building alternative protein-friendly sustainable and healthy food environments		
Open for submission			
Programme	Horizon Europe (HORIZON)	Deadline model	single-stage
ID	HORIZON-CL6-2022-FARM2FORK-01-07	Opening date	28 October 2021
Types of action	HORIZON Innovation Actions	Deadline date	15 February 2022 17:00:00 Brussels time
Grant	Research and innovation for food losses and waste prevention and reduction through harmonised measurement and monitoring		
Open for submission			
Programme	Horizon Europe (HORIZON)	Deadline model	single-stage
ID	HORIZON-CL6-2022-FARM2FORK-01-08	Opening date	28 October 2021
Types of action	HORIZON Research and Innovation Actions	Deadline date	15 February 2022 17:00:00 Brussels time
Grant	Microbiomes in food production systems		



Cluster 6 - Info day 2021 , 25-26 October 2021



➤ **Presentations & Recordings:**

https://ec.europa.eu/info/research-and-innovation/events/upcoming-events/horizon-europe-info-days/cluster-6_en

➤ **Brokerage event: open until 27/1/2022**

<https://he-2022-cluster6.b2match.io/>



Useful Links

- › **Διαδικτυακή πύλη για τον Ορίζοντα Ευρώπη:** <https://horizoneurope.gr/>
- › **Horizon Europe:** https://ec.europa.eu/info/horizon-europe_en
- › **Cluster 6 Work Programme 2021-2022:** https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2021-2022/wp-9-food-bioeconomy-natural-resources-agriculture-and-environment_horizon-2021-2022_en.pdf
- › **R&I Missions (incl. reports):** https://ec.europa.eu/info/horizon-europe/missions-horizon-europe_en
- › **Partnerships for R&I:** https://ec.europa.eu/info/horizon-europe/european-partnerships-horizon-europe_en
- › **EU Green Deal:** https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal_en
- › **Biodiversity strategy for 2030:**
https://ec.europa.eu/environment/strategy/biodiversity-strategy-2030_en
- › **Farm to Fork Strategy:**
https://ec.europa.eu/commission/presscorner/detail/en/fs_20_908

Σας ευχαριστώ για την
προσοχή σας!

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