



UNIUNEA EUROPEANĂ



Instrumente Structurale
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CeS-UTCN - Excelența Științifică și Specializare Inteligentă prin crearea unui Centru Suport dedicat facilitării accesului entităților publice și private la proiecte/competiții CD

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Programul Operațional Competitivitate



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BULETIN INFORMATIV NR. 29

Programul Orizont Europa

**Apeluri deschise în anul 2023 pentru Clusterul 6 – Food, Bioeconomy,
Natural Resources, Agriculture and Environment**

Destination - Biodiversity and ecosystem services

- *Call - Biodiversity and ecosystem services HORIZON-CL6-2023-BIODIV-01*

Topics	Type of Action	Budgets (EUR million)		Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2023	2024		
Opening: 22 Dec 2022 Deadline(s): 28 Mar 2023					
Better understanding of routes of exposure and toxicological and ecological impacts of chemical pollution on terrestrial biodiversity HORIZON-CL6-2023-BIODIV-01-1	RIA	22.00		Around 5.50	4
Build up of knowledge on Nature Positive Economy and supporting its scale-up HORIZON-CL6-2023-BIODIV-01-10	RIA	5.00		Around 5.00	1
Biodiversity loss and enhancing ecosystem services in urban and peri-urban areas HORIZON-CL6-2023-BIODIV-01-11	RIA	5.00	30.00	Around 5.00	1
Reinforcing science policy support with IPBES and IPCC for better interconnected biodiversity and climate Policies HORIZON-CL6-2023-BIODIV-01-12	CSA	4.00		Around 4.00	1
Crop wild relatives for sustainable agriculture HORIZON-CL6-2023-BIODIV-01-13	RIA	12.00		Around 6.00	2
Biodiversity friendly practices in agriculture –breeding for Integrated Pest Management (IPM) HORIZON-CL6-2023-BIODIV-01-14	RIA	10.00		Around 5.00	2
Integrative forest	CSA	7.00		Around 7.00	1

management for multiple ecosystem services and enhanced biodiversity HORIZON-CL6-2023-BIODIV-01-15					
Valorisation of ecosystem services provided by legume crops HORIZON-CL6-2023-BIODIV-01-16	RIA	10.00		Around 5.00	2
Interlinkages between biodiversity loss and degradation of ecosystems and the emergence of zoonotic diseases HORIZON-CL6-2023-BIODIV-01-17	RIA	12.00		Around 4.00	3
Additional activities for the European Biodiversity Partnership: Biodiversa+ HORIZON-CL6-2023-BIODIV-01-18	COFUND	30.00	30.00	Around 60.00	1
Impact of light and noise pollution on biodiversity HORIZON-CL6-2023-BIODIV-01-2	RIA	7.00		Around 3.50	2
Interdisciplinary assessment of changes affecting terrestrial and freshwater ecosystems, building on observation programmes HORIZON-CL6-2023-BIODIV-01-3	RIA	6.00		Around 6.00	1
Nature protection: Better methods and knowledge to improve the conservation status of EU-protected species and habitats HORIZON-CL6-2023-BIODIV-01-4	RIA	8.00		Around 4.00	2
Understanding and reducing bycatch of protected species HORIZON-CL6-2023-BIODIV-01-5	RIA	18.00		Around 9.00	2
Restoration of deep-sea habitats HORIZON-CL6-2023-BIODIV-01-6	IA	10.00		Around 10.00	1
Demonstration of marine and coastal infrastructures as hybrid blue-grey Nature-	IA	10.00		Around 5.00	2

based Solutions HORIZON-CL6-2023-BIODIV-01-7					
Addressing biodiversity decline and promoting Nature-based Solutions in higher education HORIZON-CL6-2023-BIODIV-01-8	CSA	3.00		Around 3.00	1
Biodiversity, economics and finance: unlocking financial flows towards reversing of biodiversity loss HORIZON-CL6-2023-BIODIV-01-9	RIA	5.00		Around 5.00	1
Overall indicative budget		184.00	30.00		

- *Call - Biodiversity and ecosystem services HORIZON-CL6-2024-BIODIV-01*

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024				
Invasive alien species HORIZON-CL6-2024-BIODIV-01-1	IA	12.00	Around 6.00	2
Digital for nature HORIZON-CL6-2024-BIODIV-01-2	IA	16.00	Around 8.00	2
Dependence of society and the economy on Pollinators HORIZON-CL6-2024-BIODIV-01-3	RIA	13.00	Around 6.50	2
Biodiversity, economics and finance: Understanding macro-financial risks associated with biodiversity loss HORIZON-CL6-2024-BIODIV-01-4	RIA	5.00	Around 5.00	1
Transformative action of policy mixes, governance and digitalisation addressing biodiversity loss HORIZON-CL6-2024-BIODIV-01-5	RIA	4.00	Around 2.00	2
Promoting pollinator friendly farming systems HORIZON-CL6-2024-BIODIV-01-6	RIA	6.00	Around 6.00	1
Reintroduction of landscape features in intensive agricultural areas HORIZON-CL6-2024-BIODIV-01-7	RIA	5.00	Around 5.00	1
Conservation and protection of carbon-	RIA	12.00	Around 6.00	2

rich and biodiversity-rich forest ecosystems HORIZON-CL6-2024-BIODIV-01-8				
Selective breeding programme for organic Aquaculture HORIZON-CL6-2024-BIODIV-01-9	RIA	3.00	Around 3.00	1
Overall indicative budget		76.00		

- *Call - Biodiversity and ecosystem services HORIZON-CL6-2024-BIODIV-02*

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)				
Demonstrating Nature-based Solutions for the sustainable management of water resources in a changing climate, with special attention to reducing the impacts of extreme droughts HORIZON-CL6-2024-BIODIV-02-1-two-stage	IA	16.00	Around 8.00	2
Demonstrating the potential of Nature-based Solutions and the New European Bauhaus to contribute to sustainable, inclusive and resilient living spaces and communities HORIZON-CL6-2024-BIODIV-02-2-two-stage	IA	10.00	Around 5.00	2
Promoting minor crops in farming systems HORIZON-CL6-2024-BIODIV-02-3-two-stage	RIA	10.00	Around 5.00	2
Overall indicative budget		36.00		

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

- *Call -Fair, healthy and environmentally-friendly food systems from primary production to consumption HORIZON -CL6-2023-FARM2FORK-01*

Topics	Type of Action	Budgets (EUR million)		Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2023	2024		

Opening: 22 Dec 2022					
Deadline(s): 12 Apr 2023					
European partnership on accelerating farming systems transition – agroecology living labs and research infrastructures HORIZON-CL6-2023 FARM2FORK-01-1	COFUND	30.00	30.00	Around 60.00	1
Eradicate micronutrient deficiencies in the EU HORIZON-CL6-2023 FARM2FORK-01-10	RIA	9.00		Around 9.00	1
New detection methods on products derived from new genomic techniques for traceability, transparency and innovation in the food system HORIZON-CL6-2023 FARM2FORK-01-11	RIA	10.00		Around 5.00	2
Thematic network ensuring food safety by translating research and innovation into practice HORIZON-CL6-2023 FARM2FORK-01-12	CSA	2.00		Around 2.00	1
Cultured meat and cultured seafood –state of play and future prospects in the EU HORIZON-CL6-2023 FARM2FORK-01-13	RIA	7.00		Around 7.00	1
Providing marketing solutions to prevent and reduce the food waste related to marketing standards HORIZON-CL6-2023 FARM2FORK-01-14	RIA	10.00		Around 5.00	2
Fostering resilient European food systems in a changing world HORIZON-CL6-2023 FARM2FORK-01-15	RIA	8.00		Around 8.00	1
Microbiomes fighting food waste through applicable solutions in food processing, packaging and shelf life HORIZON-CL6-2023 FARM2FORK-01-16	IA	10.00		Around 5.00	2
EU-African Union cooperation – linking the activities of the Food and Nutrition Security and Sustainable Agriculture	CSA	4.00		Around 4.00	1

(FNSSA) partnership and those of the Pan-African Network for Economic Analysis of Policies (PANAP) HORIZON-CL6-2023 FARM2FORK-01-17					
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 HORIZON-CL6-2023 FARM2FORK-01-18	CSA	4.00		Around 4.00	1
Support to the markets and trade of agroecological food products under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership HORIZON-CL6-2023 FARM2FORK-01-19	IA	7.00		Around 7.00	1
Thematic network ensuring food safety by translating research and innovation into practice HORIZON-CL6-2023 FARM2FORK-01-2	COFUND	20.00	40.00	Around 60.00	1
EU-Africa Union –food safety HORIZON-CL6-2023 FARM2FORK-01-20	RIA	10.00		Around 5.00	2
Improving yields in organic cropping systems HORIZON-CL6-2023 FARM2FORK-01-3	CSA	8.00		Around 4.00	2
Towards research and innovation beyond farm to fork strategy targets for pesticides after 2030 HORIZON-CL6-2023 FARM2FORK-01-4	CSA	1.00		Around 1.00	1
Advancing vaccine development for African swine fever HORIZON-CL6-2023 FARM2FORK-01-5	RIA	12.00		Around 6.00	2
Towards sustainable livestock systems: European platform for evidence building and transitioning policy HORIZON-CL6-2023 FARM2FORK-01-6	RIA	5.00		Around 5.00	1

Innovations in plant protection: alternatives to reduce the use of pesticides focusing on candidates for substitution HORIZON-CL6-2023 FARM2FORK-01-7	IA	12.00		Around 6.00	2
Using automatic species recognition and artificial intelligence to fight illegal fish discards and revolutionise fisheries control HORIZON-CL6-2023 FARM2FORK-01-8	IA	5.00		Around 5.00	1
European partnership on sustainable food systems for people, planet and climate HORIZON-CL6-2023 FARM2FORK-01-9	COFUND	22.050	22.50	Around 45.00	1
Overall indicative budget		196.50	92.50		

- *Call -Fair, healthy and environmentally-friendly food systems from primary production to consumption HORIZON-CL6-2024-FARM2FORK-01*

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024				
Agro-pastoral/outdoor livestock systems and wildlife management HORIZON-CL6-2024-FARM2FORK-01-1	RIA	5.00	Around 5.00	1
EU-African Union cooperation on agroforestry management for climate change adaptation and mitigation HORIZON-CL6-2024 FARM2FORK-01-10	RIA	18.00	Around 6.00	3
EU-African Union –towards climate-neutral, social just fair trade food systems HORIZON-CL6-2024-FARM2FORK-01-11	RIA	9.00	Around 4.50	2
New healthy and sustainable food products and processes HORIZON-CL6-2024-FARM2FORK-01-2	RIA	10.00	Around 5.00	2
Thematic network tackling food fraud by translating research and innovation into practice HORIZON-CL6-2024-FARM2FORK-01-3	CSA	2.00	Around 2.00	1

Climate change and food safety: effects of climate change on food safety across food systems HORIZON-CL6-2024-FARM2FORK-01-4	RIA	8.00	Around 4.00	2
Creating smart and attractive tools to enhance healthy and sustainable food provision, eating and treating of food at home HORIZON-CL6-2024-FARM2FORK-01-5	IA	6.00	Around 3.00	2
Citizens' science as an opportunity to foster the transition to sustainable food systems HORIZON-CL6-2024-FARM2FORK-01-6	RIA	10.00	Around 5.00	2
Impact of the development of novel foods based on alternative sources of proteins HORIZON-CL6-2024-FARM2FORK-01-7	RIA	9.00	Around 4.50	2
Preventing and reducing food waste to reduce environmental impacts and to help reach 2030 climate targets HORIZON-CL6-2024-FARM2FORK-01-8	RIA	9.00	Around 4.50	2
Microbiome for flavour and texture in the organoleptic dietary shift HORIZON-CL6-2024-FARM2FORK-01-9	IA	9.00	Around 4.50	2
Overall indicative budget		95.00		

- *Call -Fair, healthy and environmentally-friendly food systems from primary production to consumption* HORIZON-CL6-2024-FARM2FORK-02

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2024		
Opening: 17 Oct 2023				
Deadline(s): 22 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)				
Increasing the availability and use of non-contentious inputs in organic farming HORIZON-CL6-2024-FARM2FORK-02-1-two-stage	IA	12.00	Around 6.00	2
Sustainable organic food innovation labs: reinforcing the entire value chain HORIZON-CL6-2024-FARM2FORK-02-2-two-stage	IA	11.00	Around 5.50	2
Tools to increase the effectiveness of EU import controls for plant health HORIZON-CL6-2024-FARM2FORK-02-3-two-stage	IA	8.00	Around 4.00	2

Tackling outbreaks of plant pests HORIZON-CL6-2024-FARM2FORK-02-4- two-stage	RIA	13.00	Around 6.50	2
Animal nutritional requirements and nutritional value of feed under different production management conditions HORIZON-CL6-2024-FARM2FORK-02-5- two-stage	RIA	7.00	Around 7.00	1
Minimising climate impact on fisheries: mitigation and adaptation solutions for future climate regimes HORIZON-CL6-2024-FARM2FORK-02-6- two-stage	IA	9.00	Around 4.50	2
Minimising climate impact on aquaculture: mitigation and adaptation solutions for future climate regimes HORIZON-CL6-2024-FARM2FORK-02-7- two-stage	IA	9.00	Around 4.20	2
Overall indicative budget		69.00		

Destination - Circular economy and bio economy sectors

- *Call - Circular economy and bioeconomy sectors HORIZON- CL6-2023- CIRCBIO-01*

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2023		
Opening: 22 Dec 2022 Deadline(s): 28 Mar 2023				
Enhancing collaboration between Circular Cities and Regions Initiative's (CCRI) supporting organisations HORIZON-CL6-2023-CircBio-01-1	CSA	2.50	Around 2.50	1
Supporting the fair and just transition from GHG-intensive economies facing challenges towards circular bioeconomy model regions HORIZON-CL6-2023-CircBio-01-10	CSA	2.00	Around 2.00	1
Novel culturing of aquatic organisms for blue	RIA	8.00	Around 4.00	2

biotechnology applications HORIZON-CL6-2023-CircBio-01-11				
Optimising the sustainable production of wood and non-wood products in small forest properties and development of new forest-based value chains HORIZON-CL6-2023-CircBio-01-12	RIA	12.00	Around 6.00	2
Capturing market trends and societal perceptions for tailor-made forest services HORIZON-CL6-2023-CircBio-01-13	RIA	12.00	Around 6.00	2
Monitoring the multi functionality of European forests HORIZON-CL6-2023-CircBio-01-14	RIA	4.00	Around 4.00	1
One hundred circular model households: making European households sustainable through inclusive circular Practices HORIZON-CL6-2023-CircBio-01-2	IA	18.00	Around 6.00	3
Harnessing the innovation potential and market uptake of successful circular economy water related projects HORIZON-CL6-2023-CircBio-01-3	CSA	2.00	Around 2.00	1
Land-based bioprospecting and production of bioactive compounds and functional materials for multiple bio- based value chains HORIZON-CL6-2023-CircBio-01-4	RIA	4.00	Around 4.00	1
Broadening the spectrum of robust enzymes and microbial hosts in industrial biotechnology HORIZON-CL6-2023-CircBio-01-5	IA	10.00	Around 5.00	2
Bio-based solutions for humanitarian applications HORIZON-CL6-2023-CircBio-01-6	CSA	3.00	Around 1.50	2

Symbiosis in the bio-based industrial ecosystems HORIZON-CL6-2023-CircBio-01-7	CSA	3.00	Around 1.50	2
Eco-friendly consumer products –low-toxicity/zero pollution construction bio-based materials HORIZON-CL6-2023-CircBio-01-8	IA	10.00	Around 5.00	2
Business models that balance the share of power and profit in the bioeconomy HORIZON-CL6-2023-CircBio-01-9	RIA	8.00	Around 4.00	2
Overall indicative budget		98.50		

- *Call - Circular economy and bioeconomy sectors HORIZON-CL6-2023-CIRCBIO-02*

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2023		
Opening: 22 Dec 2022				
Deadline(s): 28 Mar 2023 (First Stage), 26 Sep 2023 (Second Stage)				
Circular Cities and Regions Initiative (CCRI)’s circular systemic solutions HORIZON-CL6-2023-CircBio-02-1-two-stage	IA	58.00	9.00 to 10.00	6
Novel, sustainable and circular bio-based Textiles HORIZON-CL6-2023-CircBio-02-2-two-stage	IA	14.00	Around 7.00	2
Non-plant biomass feedstock for industrial applications: technologies and processes to convert non-lignocellulosic biomass and waste into bio-based chemicals, materials and products, improving the cascading valorisation of biomass HORIZON-CL6-2023-CircBio-02-3-two-stage	RIA	8.00	Around 4.00	2
Overall indicative budget		80.00	3	

- *Call - Circular economy and bioeconomy sectors HORIZON-CL6-2024-CIRCBIO-01*

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024				
Circular Cities and Regions Initiative's project development assistance (CCRI-PDA) HORIZON-CL6-2024-CircBio-01-1	CSA	6.00	Around 2.00	3
Targeting aquatic extremophiles for sourcing novel enzymes, drugs, metabolites and chemicals HORIZON-CL6-2024-CircBio-01-10	RIA	9.00	Around 4.50	2
Circular solutions for textile value chains based on extended producer responsibility HORIZON-CL6-2024-CircBio-01-2	IA	14.00	Around 7.00	2
Innovative circular solutions for furniture HORIZON-CL6-2024-CircBio-01-3	IA	10.00	Around 5.00	2
Systemic circular solutions for a sustainable tourism HORIZON-CL6-2024-CircBio-01-4	IA	10.00	Around 5.00	2
Programmed biodegradation capability of bio-based materials and products, validated in specific environments HORIZON-CL6-2024-CircBio-01-5	RIA	8.00	Around 4.00	2
Digital information systems for bio-based products HORIZON-CL6-2024-CircBio-01-6	RIA	6.00	Around 3.00	2
Demonstrating the fair and just transition from GHG-intensive economies facing challenges towards circular bioeconomy model regions HORIZON-CL6-2024-CircBio-01-7	IA	6.00	Around 6.00	1
Bioeconomy project development assistance HORIZON-CL6-2024-CircBio-01-8	CSA	3.00	Around 3.00	1
Circular bioeconomy start-up villages HORIZON-CL6-2024-CircBio-01-9	CSA	2.50	Around 0.80	3
Overall indicative budget		74.50		

- *Call -Circular economy and bioeconomy sectors HORIZON-CL6-2024-CIRCBIO-02*

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)				
Circular solutions for textile value chains through innovative sorting, recycling, and design for recycling HORIZON-CL6-2024-CircBio-02-1-two-stage	RIA	15.00	Around 5.00	3
Increasing the circularity in plastics value chains HORIZON-CL6-2024-CircBio-02-2-two-stage	IA	10.00	Around 5.00	2
Increasing the circularity in electronics value chains HORIZON-CL6-2024-CircBio-02-3-two-stage	IA	10.00	Around 5.00	2
New circular solutions and decentralised approaches for water and wastewater management HORIZON-CL6-2024-CircBio-02-4-two-stage	IA	15.00	Around 5.00	3
Circular design of bio-based processes and products HORIZON-CL6-2024-CircBio-02-5-two-stage	RIA	8.00	Around 4.00	2
From silos to diversity –small-scale bio-based demonstration pilots HORIZON-CL6-2024-CircBio-02-6-two-stage	IA	15.00	Around 5.00	3
Overall indicative budget		73.00		

Destination -Clean environment and zero pollution

- Call -Clean environment and zero pollution HORIZON-CL6-2023-ZEROPOLLUTION-01

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2023		
Opening: 22 Dec 2022 Deadline(s): 28 Mar 2023				
Knowledge and innovative solutions in agriculture for water availability and quality HORIZON-CL6-2023 ZEROPOLLUTION-01-1	RIA	6.00	Around 6.00	1
Integrated assessment and monitoring of emerging pollutants in the marine environment HORIZON-CL6-2023 ZEROPOLLUTION-01-2	RIA	12.50	Around 6.25	2
Tackling human and climate change induced pollution in the Arctic -building resilient socio-ecological systems HORIZON-CL6-2023 ZEROPOLLUTION-01-3	RIA	12.00	Around 6.00	2
Environmental sustainability and circularity criteria for industrial bio-based systems HORIZON-CL6-2023 ZEROPOLLUTION-01-4	RIA	8.00	Around 4.00	2
Industrial biotechnology approaches for improved sustainability and output of industrial bio-based processes HORIZON-CL6-2023 ZEROPOLLUTION-01-5	IA	10.00	Around 5.00	2
Biosensors and user-friendly diagnostic tools for environmental services HORIZON-CL6-2023 ZEROPOLLUTION-01-6	RIA	8.00	Around 4.00	2
Strategies to prevent and reduce plastic packaging pollution from the food system HORIZON-CL6-2023 ZEROPOLLUTION-01-7	RIA	8.00	Around 4.00	2
Overall indicative budget		64.50		

- *Call -Clean environment and zero pollution HORIZON - CL6 – 2023 - ZEROPOLLUTION-02*

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2023		
Opening: 22 Dec 2022 Deadline(s): 28 Mar 2023 (First Stage), 26 Sep 2023 (Second Stage)				
Optimisation of manure use along the management chain to mitigate GHG emissions and minimize nutrients/contaminants dispersion in the environment HORIZON-CL6-2023 ZEROPOLLUTION-02-1-two-stage	RIA	7.00	Around 7.00	1
Safe-and-sustainable-by-design bio-based platform chemicals, additives, materials or products as alternatives HORIZON-CL6-2023 ZEROPOLLUTION-02-1-two-stage	RIA	8.00	Around 4.00	2
Overall indicative budget		15.00		

- *Call - Clean environment and zero pollution HORIZON-CL6-2024-ZEROPOLLUTION-01*

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024				
Demonstrating how regions can operate within safe ecological and	IA	27.00	Around 9.00	3

regional nitrogen and phosphorus boundaries HORIZON-CL6-2024 ZEROPOLLUTION-01-1				
Best available techniques to recover or recycle fertilising products from secondary raw materials HORIZON-CL6-2023 ZEROPOLLUTION-01-2	CSA	4.00	Around 2.00	2
Environmental impacts of food Systems HORIZON-CL6-2023 ZEROPOLLUTION-01-3	RIA	7.00	Around 7.00	1
Overall indicative budget		38.00		

- *Call - Clean environment and zero pollution HORIZON-CL6-2024-ZEROPOLLUTION-02*

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 21 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)				
Holistic approaches for effective monitoring of water quality in urban areas HORIZON-CL6-2024 ZEROPOLLUTION-02-1-two-stage	IA	15.00	Around 5.00	3
Innovative technologies for zero pollution, zero-waste biorefineries HORIZON-CL6-2024 ZEROPOLLUTION-02-1-two-stage	RIA	8.00	Around 4.00	2
Overall indicative budget		23.00		

Destination - Land, ocean and water for climate action

- *Call -Land, ocean and water for climate action HORIZON-CL6-2023-CLIMATE-01*

Topics	Type of Action	Budgets (EUR million)		Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2023	2024		
Opening: 22 Dec 2022 Deadline(s): 12 Apr 2023					
Additional activities for the European Partnership Water Security for the Planet (Water4All) HORIZON-CL6-2023-CLIMATE-01-1	COFUND	18.00	18.00	Around 36.00	1
Improve the reliability and effectiveness of alternative water resources supply systems and technologies 1HORIZON-CL6-2023-CLIMATE-01-2	IA	10.00		Around 3.30	3
Ocean and coastal waters carbon-and biodiversity-rich ecosystems and habitats in Europe and the PolarRegions HORIZON-CL6-2023-CLIMATE-01-3	RIA	10.00		Around 5.00	2
Demonstration network on climate-smart farming – linking research stations HORIZON-CL6-2023-CLIMATE-01-4	RIA	20.00		Around 20.00	1
Pilot network of climate positive organic farms HORIZON-CL6-2023-CLIMATE-01-5	CSA	5.00		Around 5.00	1
Analysing fossil-energy dependence in agriculture to increase resilience against input price Fluctuations HORIZON-CL6-2023-CLIMATE-01-6	RIA	5.00		Around 5.00	1
Enhancing the sustainable production of renewable energy at farm level	RIA	5.00		Around 5.00	1

HORIZON-CL6-2023-CLIMATE-01-7					
Closing the research gaps on Essential Ocean Variables (EOVs) in support of global assessments HORIZON-CL6-2023-CLIMATE-01-8	IA	17.00		5.00 to 6.00	3
Overall indicative budget		90.00	18.00		

- *Call -Land, oceans and water for climate action HORIZON-CL6-2024-CLIMATE-01*

Topics	Type of Action	Budgets (EUR million)		Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2024			
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024					
Improving irrigation practices and technologies in agriculture HORIZON-CL6-2024-CLIMATE-01-1	IA	10.00		Around 5.00	2
Socio-economic, climate and environmental aspects of paludiculture HORIZON-CL6-2024-CLIMATE-01-2	RIA	5.00		Around 5.00	1
Paludiculture: large-scale demonstrations HORIZON-CL6-2024-CLIMATE-01-1-3	IA	20.00		Around 10.00	2
Land use change and local / regional climate HORIZON-CL6-2024-CLIMATE-01-1-4	RIA	12.00		Around 6.00	2
Climate-smart use of wood in the construction sector to support the New European Bauhaus HORIZON-CL6-2024-CLIMATE-01-5	RIA	14.00		Around 7.00	2
Ocean models for seasonal to decadal regional climate impacts and feedbacks	RIA	9.00		Around 4.50	2

HORIZON-CL6-2024-CLIMATE-01-6					
EU-China international cooperation on improving monitoring for better integrated climate and biodiversity approaches, using environmental and Earthobservation HORIZON-CL6-2024-CLIMATE-01-7	RIA	5.00		Around 5.00	1
Overall indicative budget		75.00			

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

- *Call -Resilient, inclusive, healthy and green rural, coastal and urban communities HORIZON-CL6-2023-COMMUNITIES-01*

Topics	Type of Action	Budgets (EUR million)		Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2023			
Opening: 22 Dec 2022 Deadline(s): 12 Apr 2023					
Enhancing social inclusion in rural areas: focus on people in a vulnerable situation and social economy HORIZON-CL6-2023 COMMUNITIES-01-1	RIA	10.00		Around 5.00	2
Improving rural future through better territorial governance and rural-urban Synergies HORIZON-CL6-2023 COMMUNITIES-01-2	IA	11.00		Around 5.50	2
International benchmarking of rural and territorial policies and delivery	CSA	3.00		Around 3.00	1

mechanisms HORIZON-CL6-2023 COMMUNITIES-01-3					
Investigating the contribution of geographical indications (GIs) to sustainable development and optimizing support for newly established schemes HORIZON-CL6-2023 COMMUNITIES-01-4	RIA	3.00		Around 3.00	1
Assessing urban farming impacts HORIZON-CL6-2023 COMMUNITIES-01-5	RIA	5.00		Around 5.00	1
Inclusive and smart ways to communicate sustainability of food HORIZON-CL6-2023 COMMUNITIES-01-6	RIA	6.50		Around 6.50	1
Overall indicative budget		38.50			

- *Call - Resilient, inclusive, healthy and green rural, coastal and urban communities HORIZON-CL6-2024-COMMUNITIES-01*

Topics	Type of Action	Budgets (EUR million)		Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2024			
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024					
Unlock the potential of the New European Bauhaus in urban food system transformation HORIZON-CL6-2024 COMMUNITIES-01-1	IA	6.00		Around 3.00	2
Societal perceptions and benefits of rural life and jobs: will COVID 19 generate along-lasting shift?	RIA	6.00		Around 6.00	1

HORIZON-CL6-2024 COMMUNITIES-01-2					
Participation and empowerment of Arctic coastal, local, and indigenous communities in environmental decision making HORIZON-CL6-2024 COMMUNITIES-01-3	RIA	3.00		Around 3.00	1
Overall indicative budget		15.00			

- *Call -Resilient, inclusive, healthy and green rural, coastal and urban communities HORIZON-CL6-2024-COMMUNITIES-02*

Topics	Type of Action	Budgets (EUR million)		Expected EU contribution per project (EUR million)	Number of projects expected to be funded
			2024		
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)					
Innovating for climate-neutral rural communities by 2050 HORIZON-CL6-2024 COMMUNITIES-02-1-two stage	IA	10.00	10.00	Around 5.00	2
New sustainable business and production models for farmers and rural Communities HORIZON-CL6-2024 COMMUNITIES-01-2-two stage	RIA	12.00	12.00	Around 6.00	2
Overall indicative budget		22.00			

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

- *Call - Innovative governance, environmental observations and digital solutions in support of the Green Deal HORIZON-CL6-2023-GOVERNANCE-01*

Topics	Type of Action	Budgets (EUR million)		Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2023	2024		
Opening: 22 Dec 2022 Deadline(s): 23 Mar 2023					
European partnership of Agriculture of Data HORIZON-CL6-2023-GOVERNANCE-01-1	COFUND	20.00	20.00	Around 40.00	1
Support to EuroGEO Initiative coordination/establishing a EuroGEO secretariat HORIZON-CL6-2023-GOVERNANCE-01-10	CSA	2.00		Around 2.00	1
Reducing observation gaps in the land-sea interface area HORIZON-CL6-2023-GOVERNANCE-01-11	RIA	9.00		Around 9.00	1
Empowering citizens to monitor, report and act in partnership with relevant public authorities to protect their environment in the context of environmental compliance assurance HORIZON-CL6-2023-GOVERNANCE-01-12	RIA	7.00		Around 7.00	1
Open source solutions for edge, cloud and mixed model applications to strengthen production and administrative capacities in agriculture HORIZON-CL6-2023-GOVERNANCE-01-13	RIA	10.00		Around 5.00	2
Digital and data technologies for	CSA	5.00		Around 5.00	1

livestock tracking HORIZON-CL6-2023- GOVERNANCE-01-14					
Digitalisation in agriculture and forestry: markets for data, and digital technologies and infrastructure –state of play and foresight in a fast changing regulatory, trade and technical environment HORIZON-CL6-2023- GOVERNANCE-01-15	RIA	5.00		Around 5.00	1
Digital technologies supporting plant health early detection, territory surveillance and phytosanitary measures HORIZON-CL6-2023- GOVERNANCE-01-16	RIA	10.00		Around 5.00	2
Data-driven solutions to foster industry’s contribution to inclusive and sustainable food systems HORIZON-CL6-2023- GOVERNANCE-01-17	RIA	8.00		Around 4.00	2
Broaden EIP Operational Group outcomes across borders by means of thematic networks to compile and share knowledge ready for practice HORIZON-CL6-2023- GOVERNANCE-01-18	CSA	4.00		Around 2.00	2
Thematic networks to compile and share knowledge ready for practice HORIZON-CL6-2023- GOVERNANCE-01-19	CSA	6.00		Around 3.00	2
Advancing analytical capacity and tools to	RIA	6.00		Around 6.00	1

support EU agri-food policies post 2027 HORIZON-CL6-2023- GOVERNANCE-01-2					
Developing an EU advisory network on organic agriculture HORIZON-CL6-2023- GOVERNANCE-01-20	CSA	5.00		Around 5.00	1
Developing EU advisory networks to reduce the use of pesticides HORIZON- CL6-2023- GOVERNANCE-01-21	CSA	4.00		Around 4.00	1
Developing EU advisory networks on the optimal fertiliser use HORIZON- CL6-2023 GOVERNANCE-01-22	CSA	4.00		Around 3.00	1
Towards CAP post 2027: evidence on nudging farmers to leverage more sustainable practices and behaviours HORIZON- CL6-2023- GOVERNANCE-01-3	RIA	3.00		Around 6.00	1
Developing an interdisciplinary and inclusive pan European academic network for food system science HORIZON-CL6- 2023- GOVERNANCE- 01-4	RIA	6.00		Around 6.00	1
Revitalisation of European local (rural / periurban) communities with innovative bio-based business models and social innovation HORIZON-CL6-2023- GOVERNANCE-01-5	RIA	5.00		Around 5.00	1
Co-creation and trust-building measures for biotechnology and bio-	CSA	1.50			1

based innovation systems HORIZON-CL6-2023- GOVERNANCE-01-6				Around 1.50	
Integrated assessment of land use and biomass demands to contribute to a sustainable healthy and fair bioeconomy HORIZON-CL6-2023- GOVERNANCE-01-7	RIA	4.00		Around 4.00	1
Mobilising BIOEAST networks for the development of national bioeconomy action programmes in support of the European Green Deal HORIZON-CL6- 2023- GOVERNANCE- 01-8	CSA	3.50		Around 3.50	1
Coordination and supporting action to increase synergies in the dissemination and exploitation of climate observations by World Meteorological Organization and its affiliated bodies HORIZON-CL6-2023- GOVERNANCE-01-9	CSA	2.00		Around 2.00	1
Overall indicative budget		130.00	20.00		

- *Call -Innovative governance, environmental observations and digital solutions in support of the Green Deal HORIZON-CL6-2024-GOVERNANCE-01*
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Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2024		
Opening: 17 Oct 2023				

Deadline(s): 28 Feb 2024				
Additional activities for the European Partnership for a climate neutral, sustainable and productive Blue Economy HORIZON-CL6-2024-GOVERNANCE-01-1	COFUND	60.00	Around 60.00	1
Organic farming thematic networks to compile and share knowledge ready for practice HORIZON-CL6-2024-GOVERNANCE-01-10	CSA	4.00	Around 4.00	1
Biodiversity thematic networks to compile and share knowledge ready for practice HORIZON-CL6-2024-GOVERNANCE-01-11	CSA	3.00	Around 3.00	1
Developing EU advisory networks on Forestry HORIZON-CL6-2024-GOVERNANCE-01-12	CSA	4.00	Around 4.00	1
Developing EU advisory networks on sustainable livestock systems HORIZON-CL6-2024-GOVERNANCE-01-13	CSA	4.00	Around 4.00	1
Regional ecosystems of innovation to foster food system transformation HORIZON-CL6-2024-GOVERNANCE-01-2	CSA	3.50	Around 3.50	1
The role of mainstream media, social media and marketing in fostering healthy and sustainable consumption patterns and how to encourage good practices HORIZON-CL6-2024- GOVERNANCE-01-3	CSA	3.00	Around 3.00	1
Supporting the All-Atlantic Ocean Research and Innovation Alliance and Declaration HORIZON-CL6-2024-GOVERNANCE-01-4	CSA	4.00	Around 4.00	1
Customisation/pre operationalisation of	PCP	19.00	Around 19.00	1

prototypes end-user services in the area Climate Change Adaptation and Mitigation HORIZON-CL6 2024- GOVERNANCE-01-5				
Develop innovative applications to support the European Green Deal, building on meteorological satellite data HORIZON-CL6- 2024-GOVERNANCE-01-6	RIA	8.00	Around 4.00	2
Enhancing working conditions and strengthening the work force through digital and data technologies –the potential of robotics and augmented reality in agriculture HORIZON-CL6- 2024-GOVERNANCE-01-7	RIA	15.00	Around 5.00	3
Broaden EIP Operational Group outcomes across borders by means of thematic networks to compile and share knowledge ready for practice HORIZON-CL6-2024- GOVERNANCE-01-8	RIA	4.00	Around 2.00	2
Thematic networks to compile and share knowledge ready for practice HORIZON-CL6-2024- GOVERNANCE-01-9	CSA	6.00	Around 3.00	2
Overall indicative budget		137.50		

Link pentru Programul de Lucru 2023-2024 al Clusterului 6:

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2023-2024/wp-9-food-bioeconomy-natural-resources-agriculture-and-environment_horizon-2023-2024_en.pdf

Echipa CeS-UTCN