

HORIZONTE EUROPA - Programa de Trabalhos 2021-2022 do Cluster 6: “Alimentação, Bioeconomia, Recursos Naturais, Agricultura e Ambiente” – Tópicos 2023

Referência tópico	Título	Tipo de projeto	M€ por projeto	Orçamento disponível (M€)	Multi-actor	Coop. Int.	SSH	Deadline
Destination – Biodiversity and ecosystem services (single-stage)								
HORIZON-CL6-2023-BIODIV-01-1	Better understanding of routes of exposure and toxicological and ecological impacts of chemical pollution on terrestrial biodiversity	RIA	5,5	22		X	X	28-03-2023
HORIZON-CL6-2023-BIODIV-01-2	Impact of light and noise pollution on biodiversity	RIA	3,5	7		X	X	
HORIZON-CL6-2023-BIODIV-01-3	Interdisciplinary assessment of changes affecting terrestrial and freshwater ecosystems, building on observation programmes	RIA	6	6				
HORIZON-CL6-2023-BIODIV-01-4	Nature protection: Better methods and knowledge to improve the conservation status of EU-protected species and habitats	RIA	4	8				
HORIZON-CL6-2023-BIODIV-01-5	Understanding and reducing bycatch of protected species	RIA	9	18		X		
HORIZON-CL6-2023-BIODIV-01-6	Restoration of deep-sea habitats	IA	10	10		X		
HORIZON-CL6-2023-BIODIV-01-7	Demonstration of marine and coastal infrastructures as hybrid blue-grey Nature-based Solutions	IA	5	10		X		
HORIZON-CL6-2023-BIODIV-01-8	Addressing biodiversity decline and promoting Nature-based Solutions in higher education	CSA	3	3			X	
HORIZON-CL6-2023-BIODIV-01-9	Biodiversity, economics and finance: unlocking financial flows towards reversing of biodiversity loss	RIA	5	5			X	
HORIZON-CL6-2023-BIODIV-01-10	Build up of knowledge on Nature Positive Economy and supporting its scale-up	RIA	5	5			X	
HORIZON-CL6-2023-BIODIV-01-11	Biodiversity loss and enhancing ecosystem services in urban and peri-urban areas	RIA	5	5			X	
HORIZON-CL6-2023-BIODIV-01-12	Reinforcing science policy support with IPBES and IPCC for better interconnected biodiversity and climate policies	CSA	4	4		X	V	
HORIZON-CL6-2023-BIODIV-01-13	Crop wild relatives for sustainable agriculture	RIA	6	12	X		X	
HORIZON-CL6-2023-BIODIV-01-14	Biodiversity friendly practices in agriculture – breeding for Integrated Pest Management (IPM)	RIA	5	10	X			
HORIZON-CL6-2023-BIODIV-01-15	Integrative forest management for multiple ecosystem services and enhanced biodiversity	CSA	7	7	X	X		
HORIZON-CL6-2023-BIODIV-01-16	Valorisation of ecosystem services provided by legume crops	RIA	5	10	X	X	X	
HORIZON-CL6-2023-BIODIV-01-17	Interlinkages between biodiversity loss and degradation of ecosystems and the emergence of zoonotic diseases	RIA	4	12		X	X	

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Destination – Fair, healthy and environment-friendly food systems from primary production to consumption (single-stage)									
HORIZON-CL6-2023-FARM2FORK-01-3	Improving yields in organic cropping systems	CSA	4	8	X	X	X		12/04/2023
HORIZON-CL6-2023-FARM2FORK-01-4	Towards research and innovation beyond farm to fork strategy targets for pesticides after 2030	CSA	1	1	X	X			
HORIZON-CL6-2023-FARM2FORK-01-5	Advancing vaccine development for African swine fever	RIA	6	12			X		
HORIZON-CL6-2023-FARM2FORK-01-6	Towards sustainable livestock systems: European platform for evidence building and transitioning policy	RIA	5	5	X	X	X	X	
HORIZON-CL6-2023-FARM2FORK-01-7	Innovations in plant protection: alternatives to reduce the use of pesticides focusing on candidates for substitution	IA	6	12					
HORIZON-CL6-2023-FARM2FORK-01-8	Using automatic species recognition and artificial intelligence to fight illegal fish discards and revolutionise fisheries control	IA	5	5					
HORIZON-CL6-2023-FARM2FORK-01-10	Eradicate micronutrient deficiencies in the EU	RIA	9	9	X			X	
HORIZON-CL6-2023-FARM2FORK-01-11	New detection methods on products derived from new genomic techniques for traceability, transparency and innovation in the food system	RIA	5	10			X		
HORIZON-CL6-2023-FARM2FORK-01-12	Thematic network ensuring food safety by translating research and innovation into practice	CSA	2	2	X	X			
HORIZON-CL6-2023-FARM2FORK-01-13	Cultured meat and cultured seafood – state of play and future prospects in the EU	RISA	7	7			X	X	
HORIZON-CL6-2023-FARM2FORK-01-14	Providing marketing solutions to prevent and reduce the food waste related to marketing standards	RIA	5	10	X	X		X	
HORIZON-CL6-2023-FARM2FORK-01-15	Fostering resilient European food systems in a changing world	RIA	8	8	X		X	X	
HORIZON-CL6-2023-FARM2FORK-01-16	Microbiomes fighting food waste through applicable solutions in food processing, packaging and shelf life	IA	5	10	X		X		
HORIZON-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	4	4		X	X		
HORIZON-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	4	4		X	X		
HORIZON-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	7	7	X		X	X	
HORIZON-CL6-2023-FARM2FORK-01-20	EU-Africa Union – food safety	RIA	5	10	X		X	X	

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Destination – Circular economy and bioeconomy sectors (single-stage)									
HORIZON-CL6-2023-CircBio-01-1	Enhancing collaboration between Circular Cities and Regions Initiative's (CCRI) supporting organisations	CSA	2.5	2.5		X			28/03/2023
HORIZON-CL6-2023-CircBio-01-2	One hundred circular model households: making European households sustainable through inclusive circular practices	IA	6	18					
HORIZON-CL6-2023-CircBio-01-3	Harnessing the innovation potential and market uptake of successful circular economy water related projects	CSA	2	2		X			
HORIZON-CL6-2023-CircBio-01-4	Land-based bioprospecting and production of bioactive compounds and functional materials for multiple bio-based value chains	RIA	4	4					
HORIZON-CL6-2023-CircBio-01-5	Broadening the spectrum of robust enzymes and microbial hosts in industrial biotechnology	IA	5	10					
HORIZON-CL6-2023-CircBio-01-6	Bio-based solutions for humanitarian applications	CSA	1.5	3	X	X	X	X	
HORIZON-CL6-2023-CircBio-01-7	Symbiosis in the bio-based industrial ecosystems	CSA	1.5	3		X		X	
HORIZON-CL6-2023-CircBio-01-8	Eco-friendly consumer products – low-toxicity/zero pollution construction bio-based materials	IA	5	10			X	X	
HORIZON-CL6-2023-CircBio-01-9	Business models that balance the share of power and profit in the bioeconomy	RIA	4	8	X	X			
HORIZON-CL6-2023-CircBio-01-10	Supporting the fair and just transition from GHG-intensive economies facing challenges towards circular bioeconomy model regions	CSA	2	2	X	X		X	
HORIZON-CL6-2023-CircBio-01-11	Novel culturing of aquatic organisms for blue biotechnology applications	RIA	4	8					
HORIZON-CL6-2023-CircBio-01-12	Optimising the sustainable production of wood and non-wood products in small forest properties and development of new forest-based value chains	RIA	6	12	X				
HORIZON-CL6-2023-CircBio-01-13	Capturing market trends and societal perceptions for tailor-made forest services	RIA	6	12	X			X	
HORIZON-CL6-2023-CircBio-01-14	Monitoring the multi-functionality of European forests	RIA	4	4	X				

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Destination – Circular economy and bioeconomy sectors (two-stage)									
HORIZON-CL6-2023-CircBio-02-1-two-stage	Circular Cities and Regions Initiative (CCRI)'s circular systemic solutions	IA	9-10	58				X	28/03/2023*
HORIZON-CL6-2023-CircBio-02-2-two-stage	Novel, sustainable and circular bio-based textiles	IA	7	14			X	X	
HORIZON-CL6-2023-CircBio-02-3-two-stage	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	RIA	4	8				X	

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Destination – Clean environment and zero pollution (single-stage)									
HORIZON-CL6-2023-ZEROPOLLUTION-01-1	Knowledge and innovative solutions in agriculture for water availability and quality	RIA	6	6					28/03/2023
HORIZON-CL6-2023-ZEROPOLLUTION-01-2	Integrated assessment and monitoring of emerging pollutants in the marine environment	RIA	6.25	12.5					
HORIZON-CL6-2023-ZEROPOLLUTION-01-3	Tackling human and climate change induced pollution in the Arctic - building resilient socio-ecological systems	RIA	6	12			X	X	
HORIZON-CL6-2023-ZEROPOLLUTION-01-4	Environmental sustainability and circularity criteria for industrial bio-based systems	RIA	4	8				X	
HORIZON-CL6-2023-ZEROPOLLUTION-01-5	Industrial biotechnology approaches for improved sustainability and output of industrial bio-based processes	IA	5	10		X	X		
HORIZON-CL6-2023-ZEROPOLLUTION-01-6	Biosensors and user-friendly diagnostic tools for environmental services	RIA	4	8					
HORIZON-CL6-2023-ZEROPOLLUTION-01-7	Strategies to prevent and reduce plastic packaging pollution from the food system	RIA	4	8	X		X	X	

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Destination – Clean environment and zero pollution (two-stage)									
HORIZON-CL6-2023-ZEROPOLLUTION-02-1-two-stage	Optimisation of manure use along the management chain to mitigate GHG emissions and minimize nutrients/contaminants dispersion in the environment	RIA	7	7	X		X		28/03/2023*
HORIZON-CL6-2023-ZEROPOLLUTION-02-2-two-stage	Safe-and-sustainable-by-design bio-based platform chemicals, additives, materials or products as alternatives	RIA	4	8					

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Destination – Land, ocean and water for climate action (single-stage)									
HORIZON-CL6-2023-CLIMATE-01-2	Improve the reliability and effectiveness of alternative water resources supply systems and technologies	IA	3.3	10				X	12/04/2023
HORIZON-CL6-2023-CLIMATE-01-3	Ocean and coastal waters carbon- and biodiversity-rich ecosystems and habitats in Europe and the Polar Regions	RIA	5	10		X	X		
HORIZON-CL6-2023-CLIMATE-01-4	Demonstration network on climate-smart farming – linking research stations	RIA	20	20	X			X	
HORIZON-CL6-2023-CLIMATE-01-5	Pilot network of climate-positive organic farms	CSA	5	5		X		X	
HORIZON-CL6-2023-CLIMATE-01-6	Analysing fossil-energy dependence in agriculture to increase resilience against input price fluctuations	RIA	5	5		X		X	
HORIZON-CL6-2023-CLIMATE-01-7	Enhancing the sustainable production of renewable energy at farm-level	RIA	5	5	X				
HORIZON-CL6-2023-CLIMATE-01-8	Closing the research gaps on Essential Ocean Variables (EOVs) in support of global assessments	IA	5	17			X		

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Destination – Resilient, inclusive, healthy and green rural, coastal and urban communities (single-stage)									
HORIZON-CL6-2023-COMMUNITIES-01-1	Enhancing social inclusion in rural areas: focus on people in a vulnerable situation and social economy	RIA	5	10	X			X	12/04/2023
HORIZON-CL6-2023-COMMUNITIES-01-2	Improving rural future through better territorial governance and rural-urban synergies	IA	5.5	11	X			X	
HORIZON-CL6-2023-COMMUNITIES-01-3	International benchmarking of rural and territorial policies and delivery mechanisms	CSA	3	3		X	X	X	
HORIZON-CL6-2023-COMMUNITIES-01-4	Investigating the contribution of geographical indications (GIs) to sustainable development and optimising support for newly established schemes	RIA	3	3		X	X	X	
HORIZON-CL6-2023-COMMUNITIES-01-5	Assessing urban farming impacts	RIA	5	5				X	
HORIZON-CL6-2023-COMMUNITIES-01-6	Inclusive and smart ways to communicate sustainability of food	RIA	6.5	6.5	X			X	

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Destination – Innovative governance, environmental observations and digital solutions in support of the Green Deal (single-stage)									
HORIZON-CL6-2023-GOVERNANCE-01-2	Advancing analytical capacity and tools to support EU agri-food policies post 2027	RIA	6	6					23/03/2023
HORIZON-CL6-2023-GOVERNANCE-01-3	Towards CAP post 2027: evidence on nudging farmers to leverage more sustainable practices and behaviours	RIA	3	3	X			X	
HORIZON-CL6-2023-GOVERNANCE-01-4	Developing an interdisciplinary and inclusive pan-European academic network for food system science	RIA	6	6			X	X	
HORIZON-CL6-2023-GOVERNANCE-01-5	Revitalisation of European local (rural / peri-urban) communities with innovative bio-based business models and social innovation	RIA	5	5			X	X	
HORIZON-CL6-2023-GOVERNANCE-01-6	Co-creation and trust-building measures for biotechnology and bio-based innovation systems	CSA	1.5	1.5		X	X	X	
HORIZON-CL6-2023-GOVERNANCE-01-7	Integrated assessment of land use and biomass demands to contribute to a sustainable healthy and fair bioeconomy	RIA	4	4	X				
HORIZON-CL6-2023-GOVERNANCE-01-8	Mobilising BIOEAST networks for the development of national bioeconomy action programmes in support of the European Green Deal	CA	3.5	3.5	X	X		X	
HORIZON-CL6-2023-GOVERNANCE-01-9	Coordination and supporting action to increase synergies in the dissemination and exploitation of climate observations by World Meteorological Organization and its affiliated bodies	CSA	2	2		X	X		
HORIZON-CL6-2023-GOVERNANCE-01-10	Support to EuroGEO initiative coordination/establishing a EuroGEO secretariat	CSA	2	2		X			
HORIZON-CL6-2023-GOVERNANCE-01-11	Reducing observation gaps in the land-sea interface area	RIA	9	9					
HORIZON-CL6-2023-GOVERNANCE-01-12	Empowering citizens to monitor, report and act in partnership with relevant public authorities to protect their environment in the context of environmental compliance assurance	RIA	7	7					
HORIZON-CL6-2023-GOVERNANCE-01-13	Open-source solutions for edge, cloud and mixed model applications to strengthen production and administrative capacities in agriculture	RIA	5	10	X		X	X	
HORIZON-CL6-2023-GOVERNANCE-01-14	Digital and data technologies for livestock tracking	CSA	5	5		X			
HORIZON-CL6-2023-GOVERNANCE-01-15	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	RIA	5	5					
HORIZON-CL6-2023-GOVERNANCE-01-16	Digital technologies supporting plant health early detection, territory surveillance and phytosanitary measures	RIA	5	10	X			X	
HORIZON-CL6-2023-GOVERNANCE-01-17	Data-driven solutions to foster industry's contribution to inclusive and sustainable food systems	RIA	4	8	X			X	
HORIZON-CL6-2023-GOVERNANCE-01-18	Broaden EIP Operational Group outcomes across borders by means of thematic networks to compile and share knowledge ready for practice	CSA	2	4	X	X			
HORIZON-CL6-2023-GOVERNANCE-01-19	Thematic networks to compile and share knowledge ready for practice	CSA	3	6	X	X			
HORIZON-CL6-2023-GOVERNANCE-01-20	Developing an EU advisory network on organic agriculture	CSA	5	5	X	X			

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Destination – Innovative governance, environmental observations and digital solutions in support of the Green Deal (single-stage)									
HORIZON-CL6-2023-GOVERNANCE-01-21	Developing EU advisory networks to reduce the use of pesticides	CSA	4	4	X	X			23/03/2023
HORIZON-CL6-2023-GOVERNANCE-01-22	Developing EU advisory networks on the optimal fertiliser use	CSA	4	4	X	X			

* Concurso em 2 fases: apenas as propostas que atinjam a classificação mínima na 1ª fase poderão candidatar-se à 2ª fase (*deadline*: 26-09-2023). Aplica-se a '*blind evaluation*' na 1ª fase.

RIA - Research and Innovation Action (financiamento: 100%); Action primarily consisting of activities aiming to establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service or solution. For this purpose they may include basic and applied research, technology development and integration, testing and validation on a small-scale prototype in a laboratory or simulated environment.

IA – Innovation Action (70% dos custos diretos elegíveis, com exceção das entidades sem fins lucrativos que podem ser reembolsadas a 100%); Action primarily consisting of activities directly aiming at producing plans and arrangements or designs for new, altered or improved products, processes or services. For this purpose they may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.

CSA - Coordination and Support Action (financiamento: 100%); Actions consisting primarily of accompanying measures such as standardisation, dissemination, awareness-raising and communication, networking, coordination or support services, policy dialogues and mutual learning exercises and studies, including design studies for new infrastructure and may also include complementary activities of strategic planning, networking and coordination between programmes in different countries.