

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

Referência tópico	Título	Fases	Tipo de projeto	M€ por projeto	Orçamento disponível (M€)	Multi-actor	Cooperação Internacional	Deadline
<b><u>Destination – Biodiversity and ecosystem services</u></b>								
<a href="#">HORIZON-CL6-2022-BIODIV-01-01</a>	Observing and mapping biodiversity and ecosystems, with particular focus on coastal and marine ecosystems	1	RIA	4-14	14		Coop. Int. recomendada	15-02-2022
<a href="#">HORIZON-CL6-2022-BIODIV-01-02</a>	Building taxonomic research capacity near biodiversity hotspots and for protected areas by networking natural history museums and other taxonomic facilities		IA	6	6			
<a href="#">HORIZON-CL6-2022-BIODIV-01-03</a>	Network for nature: multi-stakeholder dialogue platform to promote nature-based solutions		CSA	6	6		Coop. Int. c/ AFR, LAC, US, etc	
<a href="#">HORIZON-CL6-2022-BIODIV-01-04</a>	Natural capital accounting: Measuring the biodiversity footprint of products and organizations		IA	10	10			
<a href="#">HORIZON-CL6-2022-BIODIV-01-05</a>	Intercropping – understanding and using the benefits of complexity in farming and value chains		RIA	8	16	X	Coop. Int.. c/ países onde interplantação é comum	
<a href="#">HORIZON-CL6-2022-BIODIV-01-06</a>	Monitoring and effective measures for agrobiodiversity		RIA	8	8			
<a href="#">HORIZON-CL6-2022-BIODIV-01-07</a>	Protection and sustainable management of forest genetic resources of high interest for biodiversity, climate change adaptation, and forest reproductive materials		RIA	8	8			
<a href="#">HORIZON-CL6-2022-BIODIV-01-08</a>	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	3	12		Coop. Int. c/ AFR, BR, LAC ou Med.	
<a href="#">HORIZON-CL6-2022-BIODIV-01-09</a>	Understanding the role of behaviour, gender specifics, lifestyle, religious and cultural values, and addressing the role of enabling players (civil society, policy makers, financing and business leaders, retailers) in decision making		RIA	3-4	10			
<a href="#">HORIZON-CL6-2022-BIODIV-01-10</a>	Cooperation with the Convention on Biological Diversity		CSA	5	5			
<a href="#">HORIZON-CL6-2022-BIODIV-02-01-two-stage</a>	Maintaining and restoring pollinators and pollination services in European agricultural landscapes	2	IA	6-10	20	X		15-02-2022*
<a href="#">HORIZON-CL6-2022-BIODIV-02-02-two-stage</a>	Boosting breeding for a sustainable, resilient and competitive European legume sector		IA	7	14	X	Coop. Int. recomendada	
<a href="#">HORIZON-CL6-2022-BIODIV-02-03-two-stage</a>	Resilient beekeeping		RIA	6	12	X		

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<b>Destination – Fair, healthy and environment-friendly food systems from primary production to consumption</b>								
<a href="#">HORIZON-CL6-2022-FARM2FORK-01-01</a>	Risk assessment of new low risk pesticides	1	RIA	7	7			15-02-2022
<a href="#">HORIZON-CL6-2022-FARM2FORK-01-02</a>	Socio-economics of pesticide use in agriculture		RIA	6	6	X		
<a href="#">HORIZON-CL6-2022-FARM2FORK-01-03</a>	Enhancing biosecurity in terrestrial livestock production		RIA	5	10	X		
<a href="#">HORIZON-CL6-2022-FARM2FORK-01-04</a>	Innovative solutions to prevent adulteration of food bearing quality labels: focus on organic food and geographical indications		IA	4	8	X		
<a href="#">HORIZON-CL6-2022-FARM2FORK-01-05</a>	Integrated and sustainable freshwater bioeconomy: Combining aquaculture, biodiversity preservation, biotechnology and other uses		RIA	5	10		Coop. c/ Países não-associados recomendada	
<a href="#">HORIZON-CL6-2022-FARM2FORK-01-06</a>	Biosecurity, hygiene, disease prevention and animal welfare in aquaculture		RIA	6	12		Coop. c/ Países não-associados recomendada	
<a href="#">HORIZON-CL6-2022-FARM2FORK-01-07</a>	Building alternative protein-friendly sustainable and healthy food environments		IA	12	12	X	Coop. Int. recomendada	
<a href="#">HORIZON-CL6-2022-FARM2FORK-01-08</a>	Research and innovation for food losses and waste prevention and reduction through harmonised measurement and monitoring		RIA	7	14			
<a href="#">HORIZON-CL6-2022-FARM2FORK-01-09</a>	Microbiomes in food production systems		RIA	5	10	X	Coop. Int. recomendada	
<a href="#">HORIZON-CL6-2022-FARM2FORK-01-10</a>	Integrated surveillance system to prevent and reduce diet-related non communicable diseases (NCDs)		RIA	11	11	X		
<a href="#">HORIZON-CL6-2022-FARM2FORK-01-11</a>	Effective systems for authenticity and traceability in the food system		RIA	10	10	X		
<a href="#">HORIZON-CL6-2022-FARM2FORK-01-12</a>	Agro-ecological approaches in African agriculture systems		RIA	7	28	X	8 entidades de AFR (min.)	
<a href="#">HORIZON-CL6-2022-FARM2FORK-01-13</a>	AU-EU Combatting all forms of malnutrition		RIA	11	11	X	5 entidades de AFR (min.)	
<a href="#">HORIZON-CL6-2022-FARM2FORK-01-14</a>	African food cities		RIA	6	12	X	5 entidades de AFR (min.)	
<a href="#">HORIZON-CL6-2022-FARM2FORK-01-15</a>	Support for international research on infectious animal diseases		CSA	3	3		Coop. Int. recomendada	
<a href="#">HORIZON-CL6-2022-FARM2FORK-02-01-two-stage</a>	Agroecological approaches for sustainable weed management	2	RIA	5	14.5	X		15-02-2022*

<a href="#">HORIZON-CL6-2022-FARM2FORK-02-02-two-stage</a>	Emerging and future risks to plant health		RIA	7	7	X	Coop. c/ países afetados pela temática
<a href="#">HORIZON-CL6-2022-FARM2FORK-02-03-two-stage</a>	Ecology of infectious animal diseases		RIA	6	12		Coop. c/ países extra-UE afetados pela temática
<a href="#">HORIZON-CL6-2022-FARM2FORK-02-04-two-stage</a>	Smart solutions for the use of digital technologies for small- and medium-sized, farms and farm structures		IA	5	15	X	
<a href="#">HORIZON-CL6-2022-FARM2FORK-02-05-two-stage</a>	Innovative food from marine and freshwater ecosystems		IA	6	18		Coop. c/ Países não-associados recomendada

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<b><u>Destination – Circular economy and bioeconomy sectors</u></b>								
<a href="#">HORIZON-CL6-2022-CIRCBIO-01-01</a>	Circular Cities and Regions Initiative’s project development assistance (CCRI-PDA)	1	CSA	0.40-2	10			15-02-2022
<a href="#">HORIZON-CL6-2022-CIRCBIO-01-02</a>	Marginal lands and climate-resilient and biodiversity-friendly crops for sustainable industrial feedstocks and related value chains		IA	7	14		Coop. Int. recomendada	
<a href="#">HORIZON-CL6-2022-CIRCBIO-01-03</a>	Benefits of the transition towards sustainable circular bio-based systems from linear fossil-based		CSA	2	4			
<a href="#">HORIZON-CL6-2022-CIRCBIO-01-04</a>	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	8	X		
<a href="#">HORIZON-CL6-2022-CIRCBIO-01-05</a>	EU-China international cooperation on unlocking the potential of agricultural residues and wastes for circular and sustainable bio-based solutions		RIA	8	8	X	Coop. Int. c/ CN	
<a href="#">HORIZON-CL6-2022-CIRCBIO-01-06</a>	Strengthening the European forest-based research and innovation ecosystem		RIA	4	4	X		
<a href="#">HORIZON-CL6-2022-CIRCBIO-01-07</a>	Marine microbiome for a healthy ocean and a sustainable blue bioeconomy		RIA	9	18		Coop. Int. recomendada	
<a href="#">HORIZON-CL6-2022-CIRCBIO-02-01-two-stage</a>	Integrated solutions for circularity in buildings and the construction sector	2	IA	6-8	21			15-02-2022*
<a href="#">HORIZON-CL6-2022-CIRCBIO-02-02-two-stage</a>	Exploring extreme environments: novel adaptation strategies at molecular level for bio-based innovation		RIA	5	10		Coop. Int. recomendada	
<a href="#">HORIZON-CL6-2022-CIRCBIO-02-03-two-stage</a>	Sustainable biodegradable novel biobased plastics: innovation for sustainability and end-of-life options of plastics		IA	6	12			
<a href="#">HORIZON-CL6-2022-CIRCBIO-02-04-two-stage</a>	Photosynthesis revisited: climate emergency, “no pollution and zero-emission” challenge and industrial application		RIA	6	6		Coop. Int. recomendada	
<a href="#">HORIZON-CL6-2022-CIRCBIO-02-05-two-stage</a>	Life sciences and their convergence with digital technologies for prospecting, understanding and sustainably using biological resources		RIA	6	12			
<a href="#">HORIZON-CL6-2022-CIRCBIO-02-06-two-stage</a>	Harnessing the digital revolution in the forest-based sector		IA	6-8	15	X		

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<b>Destination – Clean environment and zero pollution</b>								
<a href="#">HORIZON-CL6-2022-ZEROPOLLUTION-01-01</a>	Preventing groundwater contamination and protecting its quality against harmful impacts of global and climate change	1	RIA	2-4	12		Coop. Int. recomendada	15-02-2022
<a href="#">HORIZON-CL6-2022-ZEROPOLLUTION-01-02</a>	Piloting innovative governance solutions to limit nitrogen and phosphorus emissions at the interface of rural/coastal and urban/industrial environments		IA	6	12			
<a href="#">HORIZON-CL6-2022-ZEROPOLLUTION-01-03</a>	EU-China international cooperation on nature-based solutions for nutrient management in agriculture		IA	6	12	X	Coop. c/ CN	
<a href="#">HORIZON-CL6-2022-ZEROPOLLUTION-01-04</a>	Securing drinking water quality by protecting water sources against pollution, providing innovative monitoring and treatment solutions and ensuring safe distribution		RIA	2-4	15		Coop. Int. recomendada	

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<b>Destination – Land, ocean and water for climate action</b>								
<a href="#">HORIZON-CL6-2022-CLIMATE-01-01</a>	Climate sensitive water allocation systems and economic instruments	1	IA	4-5	10		Coop. c/ Países não-associados recomendada	15-02-2022
<a href="#">HORIZON-CL6-2022-CLIMATE-01-02</a>	Understanding the oceanic carbon cycle		RIA	15	15		Coop. Int. recomendada	
<a href="#">HORIZON-CL6-2022-CLIMATE-01-03</a>	Demonstration network on climate-smart farming – boosting the role of advisory services		CSA	20	20	X		
<a href="#">HORIZON-CL6-2022-CLIMATE-01-04</a>	Fostering the resilience of agricultural production: from observation of changes to the development of resilience strategies		RIA	15	15			
<a href="#">HORIZON-CL6-2022-CLIMATE-01-05</a>	Forestry - European observatory of climate change impacts and demonstration network of climate smart restoration pilots		RIA	15	15		Coop. Int. recomendada	

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<b><u>Destination – Resilient, inclusive, healthy and green rural, coastal and urban communities</u></b>								
<a href="#">HORIZON-CL6-2022-COMMUNITIES-01-01</a>	Boosting women-led innovation in farming and rural areas	1	RIA	3	6	X		15-02-2022
<a href="#">HORIZON-CL6-2022-COMMUNITIES-01-02</a>	Assessing and improving labour conditions and health and safety at work in farming		RIA	5	5	X		
<a href="#">HORIZON-CL6-2022-COMMUNITIES-01-03</a>	Integration of marine ecosystem service valuation, conservation and restoration in socio-economic models		IA	9	9	X		
<a href="#">HORIZON-CL6-2022-COMMUNITIES-01-04</a>	Social innovation in food sharing to strengthen urban communities' food resilience		IA	10	10	X		
<a href="#">HORIZON-CL6-2022-COMMUNITIES-01-05</a>	Assessing the socio-politics of nature-based solutions for more inclusive and resilient communities		RIA	6	12		Coop. c/ LAC e US	
<a href="#">HORIZON-CL6-2022-COMMUNITIES-02-01-two-stage</a>	Smart solutions for smart rural communities: empowering rural communities and smart villages to innovate for societal change	2	IA	7	14	X		15-02-2022*
<a href="#">HORIZON-CL6-2022-COMMUNITIES-02-02-two-stage</a>	Developing nature-based therapy for health and well-being		RIA	6	19		Coop. c/ LAC, US e JP	

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<b><u>Destination – Innovative governance, environmental observations and digital solutions in support of the Green Deal</u></b>								
<a href="#">HORIZON-CL6-2022-GOVERNANCE-01-01</a>	Mobilisation of society to transform food systems for co-benefits	1	CSA	8	8	X		15-02-2022
<a href="#">HORIZON-CL6-2022-GOVERNANCE-01-03</a>	Multi-layer governance performance of marine policies		RIA	6	6			
<a href="#">HORIZON-CL6-2022-GOVERNANCE-01-04</a>	Consumer-focused labelling options for bio-based products		CSA	3	3			
<a href="#">HORIZON-CL6-2022-GOVERNANCE-01-05</a>	Innovative tools and methods to evaluate the design and support, monitoring and implementation of effective CAP strategic plans		CSA	4	4			
<a href="#">HORIZON-CL6-2022-GOVERNANCE-01-06</a>	Water governance, economic and financial sustainability of water systems		RIA	3	10			
<a href="#">HORIZON-CL6-2022-GOVERNANCE-01-07</a>	New technologies for acquiring in-situ observation datasets to address climate change effects		IA	3	20			
<a href="#">HORIZON-CL6-2022-GOVERNANCE-01-08</a>	Uptake and validation of citizen observations to complement authoritative measurement within the urban environment and boost related citizen engagement		RIA	5	10			
<a href="#">HORIZON-CL6-2022-GOVERNANCE-01-09</a>	Environmental observations solutions contributing to meeting “One Health” challenges		RIA	5	10			
<a href="#">HORIZON-CL6-2022-GOVERNANCE-01-10</a>	Piloting approaches and tools to empower citizens to exercise their “data rights” in the area of food and nutrition		RIA	4	8	X		
<a href="#">HORIZON-CL6-2022-GOVERNANCE-01-11</a>	Upscaling (real-time) sensor data for EU-wide monitoring of production and agri-environmental conditions		RIA	5-7.5	15			
<a href="#">HORIZON-CL6-2022-GOVERNANCE-01-12</a>	Thematic networks to compile and share knowledge ready for practice		CSA	3	9	X		
<a href="#">HORIZON-CL6-2022-GOVERNANCE-01-13</a>	Broaden EIP Operational Group outcomes across borders by means of thematic networks, compiling and sharing knowledge ready for practice		CSA	2	4	X		
<a href="#">HORIZON-CL6-2022-GOVERNANCE-01-14</a>	Improving preparation of multi-actor projects to enable the relevant actors to work in a co-creative way		CSA	5	5	X		
<a href="#">HORIZON-CL6-2022-GOVERNANCE-01-15</a>	Developing EU advisory networks on water use		CSA	4	8	X		

\* Concurso em 2 fases: apenas as propostas que atinjam a classificação mínima na 1ª fase poderão candidatar-se à 2ª fase (deadline: 01-09-2022)

**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.