

**HORIZONTE EUROPA - Programa de Trabalhos 2021-2022 do Cluster 6: “Alimentação, Bioeconomia, Recursos Naturais, Agricultura e Ambiente” – Tópicos 2024**

Referência tópico	Título	Tipo de projeto	M€ por projeto	Orçamento disponível (M€)	Multi-actor	Coop. Int.	SSH	Deadline
<b>Destination – Biodiversity and ecosystem services (single-stage)</b>								
<a href="#">HORIZON-CL6-2024-BIODIV-01-1</a>	Invasive alien species	IA	6	12		X	X	22/02/2024
<a href="#">HORIZON-CL6-2024-BIODIV-01-2</a>	Digital for nature	IA	8	16		X		
<a href="#">HORIZON-CL6-2024-BIODIV-01-3</a>	Dependence of society and the economy on pollinators	RIA	6.5	13	X	X		
<a href="#">HORIZON-CL6-2024-BIODIV-01-4</a>	Biodiversity, economics and finance: Understanding macro-financial risks associated with biodiversity loss	RIA	5	5			X	
<a href="#">HORIZON-CL6-2024-BIODIV-01-5</a>	Transformative action of policy mixes, governance and digitalisation addressing biodiversity loss	RIA	2	4		X	X	
<a href="#">HORIZON-CL6-2024-BIODIV-01-6</a>	Promoting pollinator friendly farming systems	RIA	6	6	X			
<a href="#">HORIZON-CL6-2024-BIODIV-01-7</a>	Reintroduction of landscape features in intensive agricultural areas	RIA	5	5			X	
<a href="#">HORIZON-CL6-2024-BIODIV-01-8</a>	Conservation and protection of carbon-rich and biodiversity-rich forest ecosystems	RIA	6	12	X	X		
<a href="#">HORIZON-CL6-2024-BIODIV-01-9</a>	Selective breeding programme for organic aquaculture	RIA	3	3				

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<b>Destination – Biodiversity and ecosystem services (two-stage)</b>								
<a href="#">HORIZON-CL6-2024-BIODIV-02-1-two-stage</a>	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	IA	8	16			X	22/02/2024*
<a href="#">HORIZON-CL6-2024-BIODIV-02-2-two-stage</a>	Demonstrating the potential of Nature-based Solutions and the New European Bauhaus to contribute to sustainable, inclusive and resilient living spaces and communities	IA	5	10			X	
<a href="#">HORIZON-CL6-2024-BIODIV-02-3-two-stage</a>	Promoting minor crops in farming systems	RIA	5	10	X		X	

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<b>Destination – Fair, healthy and environment-friendly food systems from primary production to consumption (single-stage)</b>									
<a href="#">HORIZON-CL6-2024-FARM2FORK-01-1</a>	Agro-pastoral/outdoor livestock systems and wildlife management	RIA	5	5	X	X		X	22/02/2024
<a href="#">HORIZON-CL6-2024-FARM2FORK-01-2</a>	New healthy and sustainable food products and processes	RIA	5	10	X			X	
<a href="#">HORIZON-CL6-2024-FARM2FORK-01-3</a>	Thematic network tackling food fraud by translating research and innovation into practice	CSA	2	2	X	X			
<a href="#">HORIZON-CL6-2024-FARM2FORK-01-4</a>	Climate change and food safety: effects of climate change on food safety across food systems	RIA	4	8		X			
<a href="#">HORIZON-CL6-2024-FARM2FORK-01-5</a>	Creating smart and attractive tools to enhance healthy and sustainable food provision, eating and treating of food at home	IA	3	6	X	X		X	
<a href="#">HORIZON-CL6-2024-FARM2FORK-01-6</a>	Citizens' science as an opportunity to foster the transition to sustainable food systems	RIA	5	10	X			X	
<a href="#">HORIZON-CL6-2024-FARM2FORK-01-7</a>	Impact of the development of novel foods based on alternative sources of proteins	RIA	4,5	9			X	X	
<a href="#">HORIZON-CL6-2024-FARM2FORK-01-8</a>	Preventing and reducing food waste to reduce environmental impacts and to help reach 2030 climate targets	RIA	4,5	9	X			X	
<a href="#">HORIZON-CL6-2024-FARM2FORK-01-9</a>	Microbiome for flavour and texture in the organoleptic dietary shift	IA	4,5	9	X		X	X	
<a href="#">HORIZON-CL6-2024-FARM2FORK-01-10</a>	EU-African Union cooperation on agroforestry management for climate change adaptation and mitigation	RIA	6	18	X		X	X	
<a href="#">HORIZON-CL6-2024-FARM2FORK-01-11</a>	EU-African Union – towards climate-neutral, social just fair trade food systems	RIA	4,5	9	X		X	X	

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<b>Destination – Fair, healthy and environment-friendly food systems from primary production to consumption (two-stage)</b>									
<a href="#">HORIZON-CL6-2024-FARM2FORK-02-1-two-stage</a>	Increasing the availability and use of non-contentious inputs in organic farming	IA	6	12	X				22/02/2024*
<a href="#">HORIZON-CL6-2024-FARM2FORK-02-2-two-stage</a>	Sustainable organic food innovation labs: reinforcing the entire value chain	IA	5.5	11	X				
<a href="#">HORIZON-CL6-2024-FARM2FORK-02-3-two-stage</a>	Tools to increase the effectiveness of EU import controls for plant health	IA	4	8	X				
<a href="#">HORIZON-CL6-2024-FARM2FORK-02-4-two-stage</a>	Tackling outbreaks of plant pests	RIA	6.5	13	X		X	X	
<a href="#">HORIZON-CL6-2024-FARM2FORK-02-5-two-stage</a>	Animal nutritional requirements and nutritional value of feed under different production management conditions	RIA	7	7			X	X	
<a href="#">HORIZON-CL6-2024-FARM2FORK-02-6-two-stage</a>	Minimising climate impact on fisheries: mitigation and adaptation solutions for future climate regimes	IA	4.5	9				X	
<a href="#">HORIZON-CL6-2024-FARM2FORK-02-7-two-stage</a>	Minimising climate impact on aquaculture: mitigation and adaptation solutions for future climate regimes	IA	4.5	9				X	

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<b>Destination – Circular economy and bioeconomy sectors (single-stage)</b>									
<a href="#">HORIZON-CL6-2024-CircBio-01-1</a>	Circular Cities and Regions Initiative’s project development assistance (CCRI-PDA)	CSA	2	6		X			22/02/2024
<a href="#">HORIZON-CL6-2024-CircBio-01-2</a>	Circular solutions for textile value chains based on extended producer responsibility	IA	7	14					
<a href="#">HORIZON-CL6-2024-CircBio-01-3</a>	Innovative circular solutions for furniture	IA	5	10				X	
<a href="#">HORIZON-CL6-2024-CircBio-01-4</a>	Systemic circular solutions for a sustainable tourism	IA	5	10				X	
<a href="#">HORIZON-CL6-2024-CircBio-01-5</a>	Programmed biodegradation capability of bio-based materials and products, validated in specific environments	RIA	4	8		X	X	X	
<a href="#">HORIZON-CL6-2024-CircBio-01-6</a>	Digital information systems for bio-based products	RIA	3	6				X	
<a href="#">HORIZON-CL6-2024-CircBio-01-7</a>	Demonstrating the fair and just transition from GHG-intensive economies facing challenges towards circular bioeconomy model regions	IA	6	6				X	
<a href="#">HORIZON-CL6-2024-CircBio-01-8</a>	Bioeconomy project development assistance	CSA	3	3	X	X		X	
<a href="#">HORIZON-CL6-2024-CircBio-01-9</a>	Circular bioeconomy start-up villages	CSA	0.8	2.5	X	X		X	
<a href="#">HORIZON-CL6-2024-CircBio-01-10</a>	Targeting aquatic extremophiles for sourcing novel enzymes, drugs, metabolites and chemicals	RIA	4.5	9					

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<b>Destination – Circular economy and bioeconomy sectors (two-stage)</b>									
<a href="#">HORIZON-CL6-2024-CircBio-02-1-two-stage</a>	Circular solutions for textile value chains through innovative sorting, recycling, and design for recycling	RIA	5	15					22/02/2024*
<a href="#">HORIZON-CL6-2024-CircBio-02-2-two-stage</a>	Increasing the circularity in plastics value chains	IA	5	10				X	
<a href="#">HORIZON-CL6-2024-CircBio-02-3-two-stage</a>	Increasing the circularity in electronics value chains	IA	5	10				X	
<a href="#">HORIZON-CL6-2024-CircBio-02-4-two-stage</a>	New circular solutions and decentralised approaches for water and wastewater management	IA	5	15			X	X	
<a href="#">HORIZON-CL6-2024-CircBio-02-5-two-stage</a>	Circular design of bio-based processes and products	RIA	4	8				X	
<a href="#">HORIZON-CL6-2024-CircBio-02-6-two-stage</a>	From silos to diversity – small-scale bio-based demonstration pilots	IA	5	15	X				

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<b>Destination – Clean environment and zero pollution (single-stage)</b>									
<a href="#">HORIZON-CL6-2024-ZEROPOLLUTION-01-1</a>	Demonstrating how regions can operate within safe ecological and regional nitrogen and phosphorus boundaries	IA	9	27				X	22/02/2024
<a href="#">HORIZON-CL6-2024-ZEROPOLLUTION-01-2</a>	Best available techniques to recover or recycle fertilising products from secondary raw materials	CSA	2	4		X	X	X	
<a href="#">HORIZON-CL6-2024-ZEROPOLLUTION-01-3</a>	Environmental impacts of food systems	RIA	7	7	X			X	

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<b>Destination – Clean environment and zero pollution (two-stage)</b>									
<a href="#">HORIZON-CL6-2024-ZEROPOLLUTION-02-1-two-stage</a>	Holistic approaches for effective monitoring of water quality in urban areas	IA	5	15				X	22/02/2024*
<a href="#">HORIZON-CL6-2024-ZEROPOLLUTION-02-2-two-stage</a>	Innovative technologies for zero pollution, zero-waste biorefineries	RIA	4	8					



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<b>Destination – Land, ocean and water for climate action (single-stage)</b>									
<a href="#">HORIZON-CL6-2024-CLIMATE-01-1</a>	Improving irrigation practices and technologies in agriculture	IA	5	10	X	X		X	22/02/2024
<a href="#">HORIZON-CL6-2024-CLIMATE-01-2</a>	Socio-economic, climate and environmental aspects of paludiculture	RIA	5	5		X	X	X	
<a href="#">HORIZON-CL6-2024-CLIMATE-01-3</a>	Paludiculture: large-scale demonstrations	IA	10	20	X				
<a href="#">HORIZON-CL6-2024-CLIMATE-01-4</a>	Land use change and local / regional climate	RIA	6	12					
<a href="#">HORIZON-CL6-2024-CLIMATE-01-5</a>	Climate-smart use of wood in the construction sector to support the New European Bauhaus	RIA	7	14	X	X		X	
<a href="#">HORIZON-CL6-2024-CLIMATE-01-6</a>	Ocean models for seasonal to decadal regional climate impacts and feedbacks	RIA	4.5	9			X		
<a href="#">HORIZON-CL6-2024-CLIMATE-01-7</a>	EU-China international cooperation on improving monitoring for better integrated climate and biodiversity approaches, using environmental and Earth observation	RIA	5	5			X	X	

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<b>Destination – Resilient, inclusive, healthy and green rural, coastal and urban communities (single-stage)</b>									
<a href="#">HORIZON-CL6-2024-COMMUNITIES-01-1</a>	Unlock the potential of the New European Bauhaus in urban food system transformation	IA	3	6	X			X	22/02/2024
<a href="#">HORIZON-CL6-2024-COMMUNITIES-01-2</a>	Societal perceptions and benefits of rural life and jobs: will COVID 19 generate a long-lasting shift?	RIA	6	6				X	
<a href="#">HORIZON-CL6-2024-COMMUNITIES-01-3</a>	Participation and empowerment of Arctic coastal, local, and indigenous communities in environmental decision-making	RIA	3	3	X	X	X	X	

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<b>Destination – Resilient, inclusive, healthy and green rural, coastal and urban communities (two-stage)</b>									
<a href="#">HORIZON-CL6-2024-COMMUNITIES-02-1-two-stage</a>	Innovating for climate-neutral rural communities by 2050	IA	5	10	X	X		X	22/02/2024*
<a href="#">HORIZON-CL6-2024-COMMUNITIES-02-2-two-stage</a>	New sustainable business and production models for farmers and rural communities	RIA	6	12	X		X	X	

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<b>Destination – Innovative governance, environmental observations and digital solutions in support of the Green Deal (single-stage)</b>									
<a href="#">HORIZON-CL6-2024-GOVERNANCE-01-2</a>	Regional ecosystems of innovation to foster food system transformation	CSA	3.5	3.5	X	X	X	X	28/02/2024
<a href="#">HORIZON-CL6-2024-GOVERNANCE-01-3</a>	The role of mainstream media, social media and marketing in fostering healthy and sustainable consumption patterns and how to encourage good practices	CSA	3	3	X	X		X	
<a href="#">HORIZON-CL6-2024-GOVERNANCE-01-4</a>	Supporting the All-Atlantic Ocean Research and Innovation Alliance and Declaration	CSA	4	4		X		X	
<a href="#">HORIZON-CL6-2024-GOVERNANCE-01-5</a>	Customisation/pre-operationalisation of prototypes end-user services in the area Climate Change Adaptation and Mitigation	PCP	3	3			X		
<a href="#">HORIZON-CL6-2024-GOVERNANCE-01-6</a>	Develop innovative applications to support the European Green Deal, building on meteorological satellite data	RIA	8	8					
<a href="#">HORIZON-CL6-2024-GOVERNANCE-01-7</a>	Enhancing working conditions and strengthening the work force through digital and data technologies – the potential of robotics and augmented reality in agriculture	RIA	5	15	X			X	
<a href="#">HORIZON-CL6-2024-GOVERNANCE-01-8</a>	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			
<a href="#">HORIZON-CL6-2024-GOVERNANCE-01-9</a>	Thematic networks to compile and share knowledge ready for practice	CSA	3	6	X	X			
<a href="#">HORIZON-CL6-2024-GOVERNANCE-01-10</a>	Organic farming thematic networks to compile and share knowledge ready for practice	CSA	4	4	X	X			
<a href="#">HORIZON-CL6-2024-GOVERNANCE-01-11</a>	Biodiversity thematic networks to compile and share knowledge ready for practice	CSA	3	3	X	X			
<a href="#">HORIZON-CL6-2024-GOVERNANCE-01-12</a>	Developing EU advisory networks on forestry	CSA	4	4	X	X			
<a href="#">HORIZON-CL6-2024-GOVERNANCE-01-13</a>	Developing EU advisory networks on sustainable livestock systems	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: 17-09-2023**). 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.

**PCP – Pre-commercial Procurement** (financiamento: 100%); Activities that aim to help a transnational buyers' group to strengthen the public procurement of research, development, validation and, possibly, the first deployment of new solutions that can significantly improve quality and efficiency in areas of public interest, while opening market opportunities for industry and researchers active in Europe