

Horizont Europa | Arbeitsprogramm 2023–2024

Cluster 6 – Lebensmittel, Bioökonomie, natürliche Ressourcen, Landwirtschaft und Umwelt

Topics mit internationaler Kooperation in Cluster 6

Cluster 6 fokussiert sich darauf ökologische, soziale und wirtschaftliche Ziele zu verbessern und auszubalancieren und menschliche wirtschaftliche Aktivitäten auf einen Pfad der Nachhaltigkeit zu bringen. Dabei spielen der Europäische Green Deal sowie die UN Sustainable Development Goals (SDGs) eine wichtige Rolle.

Eine der Maßnahmen, die die Europäische Kommission zur Bewältigung allgemeiner und themenspezifischer Probleme in diesem Arbeitsprogramm umsetzt, konzentriert sich auf die Verstärkung der internationalen Zusammenarbeit sowohl bei Ausschreibungen als auch bei Themen mit einer starken internationalen Dimension.

Die Themen mit dem besonderen Schwerpunkt der internationalen Zusammenarbeit (ohne Partnerschaften, Missionen) sind in der folgenden Tabelle hervorgehoben. Details entnehmen Sie bitte dem u.g. online Informationsquellen bzw. den direkten Topicverlinkungen in der Topic ID.

Angabe ohne Gewähr. Die verbindlichen Daten sind nur auf den Webseiten der Europäischen Kommission veröffentlicht.

Hilfreiche weiterführende Links und Informationen

- [List of Participating Countries in Horizon Europe](#)
- [Complementary funding mechanisms in third countries](#)
- [Horizon Europe Programme Guide](#)
- [Tackling R&I foreign interference](#)
- Erstberatung für eine erfolgreiche wissenschaftliche Kooperation mit China:
Erstberatung-Chinakooperation@dlr.de
030 67055-8276
- [European Commission Funding & Tender Opportunities Portal – Search Funding & Tenders, Filter: HE, Cl. 6, International Cooperation, forthcoming & open for submission](#)
- Nationale Kontaktstelle Bioökonomie und Umwelt – Ausschreibungen: <https://www.nks-bio-umw.de/ausschreibungen>
- Cluster 6 Arbeitsprogramm 2023–2024 Ausschreibungen: 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

Call – Biodiversity and ecosystem services ([Destination 1](#))

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
HORIZON-CL6-2023-BIO-DIV-01-1: Better understanding of routes of exposure and toxicological and ecological impacts of chemical pollution on terrestrial biodiversity	International cooperation is encouraged.	RIA	28.03.2023
HORIZON-CL6-2023-BIO-DIV-01-2: Impact of light and noise pollution on biodiversity	International cooperation is encouraged.	RIA	28.03.2023
HORIZON-CL6-2023-BIO-DIV-01-5: Understanding and reducing bycatch of protected species	International cooperation is encouraged, in particular with non-associated third countries participating in regional fisheries management organisations of EU interest.	RIA	28.03.2023
HORIZON-CL6-2023-BIO-DIV-01-6: Restoration of deep-sea habitats	In order to achieve the expected outcomes in integrating and coordinating these different scaled approaches, international cooperation is strongly encouraged. A strong linkage should be ensured with the ongoing activities under the All-Atlantic Ocean Research and Innovation Alliance.	IA	28.03.2023
HORIZON-CL6-2023-BIO-DIV-01-7: Demonstration of marine and coastal infrastructures as hybrid blue-grey Nature-based Solutions	In order to achieve the expected outcomes in integrating and coordinating these different scaled approaches, international cooperation is strongly encouraged. A strong linkage should be ensured with the ongoing activities under the All-Atlantic Ocean Research and Innovation Alliance.	IA	28.03.2023
HORIZON-CL6-2023-BIO-DIV-01-12: Reinforcing science policy support with IPBES and IPCC	<u>Other eligibility conditions:</u> Legal entities established in non-associated third countries may exceptionally participate in this Coordination and support action in a capacity other than as an associated partner.	CSA	28.03.2023

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
for better interconnected biodiversity and climate policies			
HORIZON-CL6-2023-BIO-DIV-01-15: Integrative forest management for multiple ecosystem services and enhanced biodiversity	Due to the scope of this topic, international cooperation is strongly encouraged, in particular with China. <u>Eligibility conditions:</u> Legal entities established in non-associated third countries may exceptionally participate in this Coordination and support action in a capacity other than as an associated partner.	CSA	28.03.2023
HORIZON-CL6-2023-BIO-DIV-01-16: Valorisation of ecosystem services provided by legume crops	In order to achieve the expected outcomes, international cooperation is encouraged.	RIA	28.03.2023
HORIZON-CL6-2023-BIO-DIV-01-17: Interlinkages between biodiversity loss and degradation of ecosystems and the emergence of zoonotic diseases	In order to achieve the expected outcomes, international cooperation is strongly encouraged.	RIA	28.03.2023
HORIZON-CL6-2024-BIO-DIV-01-1: Invasive alien species	International cooperation is encouraged.	IA	22.02.2024
HORIZON-CL6-2024-BIO-DIV-01-2: Digital for nature	International cooperation is encouraged.	IA	22.02.2024
HORIZON-CL6-2024-BIO-DIV-01-8: Conservation and protection of carbon-rich and biodiversity-rich forest ecosystems	Due to the scope of this topic, international cooperation is strongly encouraged.	RIA	22.02.2024

Call – Fair, healthy and environmentally-friendly food systems from primary production to consumption ([Destination 2](#))

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
HORIZON-CL6-2023-FARM2FORK-01-3: Improving yields in organic cropping systems	In order to better address some or all of the expected outcomes, as well as to promote learning and cross-fertilisation with activities carried out outside of Europe, international cooperation is encouraged.	CSA	12.04.2023
HORIZON-CL6-2023-FARM2FORK-01-5: Advancing vaccine development for African swine fever	In order to achieve the expected outcomes, international cooperation is encouraged in particular with North America.	RIA	12.04.2023
HORIZON-CL6-2023-FARM2FORK-01-6: Towards sustainable livestock systems: European platform for evidence building and transitioning policy	In order to better address some or all of the expected outcomes, international cooperation is encouraged.	RIA	12.04.2023
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	In order to achieve the expected outcomes, international cooperation is encouraged.	RIA	12.04.2023
HORIZON-CL6-2023-FARM2FORK-01-13: Cultured meat and cultured seafood – state of play and future prospects in the EU	International cooperation is strongly encouraged.	RIA	12.04.2023
HORIZON-CL6-2023-FARM2FORK-01-15: Fostering resilient European food systems in a changing world	In order to achieve the expected outcomes, international cooperation is encouraged.	RIA	12.04.2023

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
HORIZON-CL6-2023-FARM2FORK-01-16: Microbiomes fighting food waste through applicable solutions in food processing, packaging and shelf life	<p>In order to achieve expected outcomes international cooperation is strongly encouraged, in particular in the framework of the International Bioeconomy Forum.</p> <p><u>Other eligibility conditions:</u> International organisations with headquarters in a Member State or associated country are exceptionally eligible for funding.</p>	IA	12.04.2023
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)	<p><u>Other eligibility conditions:</u> International organisations with headquarters in a Member State or associated country are exceptionally eligible for funding.</p> <p>The following additional eligibility criteria apply: due to the specific challenge of this topic, in addition to the minimum number of participants set out in the General Annexes, consortia must include at least five independent legal entities established in Africa.</p> <p>If eligible for funding, legal entities established in all African Union Member States* may exceptionally participate in this Coordination and support action as a beneficiary or affiliated entity. * "African Union member states" includes countries whose membership has been temporarily suspended.</p> <p>Due to the scope of this topic, legal entities established in all African Union member states* are exceptionally eligible for Union funding. * "African Union member states" includes countries whose membership has been temporarily suspended.</p>	CSA	12.04.2023
HORIZON-CL6-2023-FARM2FORK-01-18:	<p><u>Other eligibility conditions:</u> The following additional eligibility criteria apply: due to the specific challenge of this</p>	CSA	12.04.2023

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
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	<p>topic, in addition to the minimum number of participants set out in the General Annexes, consortia must include at least five independent legal entities established in Africa.</p> <p>International organisations with headquarters in a Member State or associated country are exceptionally eligible for funding.</p> <p>If eligible for funding, legal entities established in all African Union Member States* may exceptionally participate in this Coordination and support action as a beneficiary or affiliated entity. * "African Union member states" includes countries whose membership has been temporarily suspended.</p> <p>Due to the scope of this topic, legal entities established in all African Union member states* are exceptionally eligible for Union funding. * "African Union member states" includes countries whose membership has been temporarily suspended.</p>		
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	<p><u>Other eligibility conditions:</u> Due to the scope of this topic, legal entities established in in all African Union member states* are exceptionally eligible for Union funding. * "African Union member states" includes countries whose membership has been temporarily suspended.</p>	IA	12.04.2023
HORIZON-CL6-2023-FARM2FORK-01-20: EU-Africa Union – food safety	<p><u>Other eligibility conditions:</u> The following additional eligibility criteria apply: at least three partners from Africa and at least two from the same region as defined by the African Union</p>	RIA	12.04.2023

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
	<p>(https://au.int/en/member_states/countryprofiles2).</p> <p>International organisations with headquarters in a Member State or associated country are exceptionally eligible for funding.</p> <p>Due to the scope of this topic, legal entities established in in all African Union member states* are exceptionally eligible for Union funding.</p> <p>* "African Union member states" includes countries whose membership has been temporarily suspended.</p> <p>The following additional eligibility criteria apply: due to the specific challenge of this topic, in addition to the minimum number of participants set out in the General Annexes, consortia must include at least three independent legal entities established in Africa. The places of establishment of at least two of these legal entities must be in the same geographical region of Africa (as defined by the African Union: https://au.int/en/member_states/countryprofiles2).</p>		
<p>HORIZON-CL6-2024-FARM2FORK-01-7:</p> <p>Impact of the development of novel foods based on alternative sources of proteins</p>	<p>International cooperation is strongly encouraged.</p>	<p>RIA</p>	<p>22.02.2024</p>
<p>HORIZON-CL6-2024-FARM2FORK-01-9:</p> <p>Microbiome for flavour and texture in the organoleptic dietary shift</p>	<p>In order to achieve expected outcomes international cooperation is strongly encouraged, in particular in the framework of the International Bioeconomy Forum.</p> <p><u>Other eligibility conditions:</u> International organisations with headquarters in a Member State or associated country are exceptionally eligible for funding.</p>	<p>IA</p>	<p>22.02.2024</p>

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
<p>HORIZON-CL6-2024-FARM2FORK-01-10: EU-African Union cooperation on agroforestry management for climate change adaptation and mitigation</p>	<p><u>Other eligibility conditions:</u> The following additional eligibility criteria apply: due to the specific challenge of this topic, in addition to the minimum number of participants set out in the General Annexes, consortia must include at least three independent legal entities established in Africa.</p> <p>International organisations with headquarters in a Member State or associated country are exceptionally eligible for funding.</p> <p>Due to the scope of this topic, legal entities established in all African Union member states* are exceptionally eligible for Union funding. * "African Union member states" includes countries whose membership has been temporarily suspended.</p> <p>The following additional eligibility criteria apply: the places of establishment of at least two of these legal entities must be in the same geographical region of Africa (as defined by the African Union: https://au.int/en/member_states/countryprofiles2).</p>	RIA	22.02.2024
<p>HORIZON-CL6-2024-FARM2FORK-01-11: EU-African Union – towards climate-neutral, social just fair trade food systems</p>	<p><u>Other eligibility conditions:</u> The following additional eligibility criteria apply: at least three partners from Africa and at least two from the same region as defined by the African Union (https://au.int/en/member_states/countryprofiles2).</p> <p>International organisations with headquarters in a Member State or associated country are exceptionally eligible for funding.</p>	RIA	22.02.2024

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
	<p>Due to the scope of this topic, legal entities established in all African Union member states* are exceptionally eligible for Union funding.</p> <p>* "African Union member states" includes countries whose membership has been temporarily suspended.</p>		
HORIZON-CL6-2024-FARM2FORK-02-4-two-stage: Tackling outbreaks of plant pests	International cooperation with countries affected or threatened by the same pest(s) is strongly encouraged in particular to capitalise on existing knowledge.	RIA	22.02.2024 17.09.2024
HORIZON-CL6-2024-FARM2FORK-02-5-two-stage: Animal nutritional requirements and nutritional value of feed under different production management conditions	Due to the scope of this topic, international cooperation is strongly encouraged, in particular with China. This topic is within the scope of the Administrative Arrangement between the European Commission and the Ministry of Science and Technology of the People's Republic of China on a Co-funding Mechanism for the period 2021-2024 to support collaborative research projects under the Food, Agriculture and Biotechnologies (FAB) and the Climate Change and Biodiversity (CCB) flagship initiatives.	RIA	22.02.2024 17.09.2024

Call - Circular economy and bioeconomy sectors ([Destination 3](#))

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
HORIZON-CL6-2023-CircBio-01-6: Bio-based solutions for humanitarian applications	<p>International cooperation and the consideration of gender-related aspects are highly encouraged.</p> <p><u>Other eligibility conditions:</u> Due to the scope of the topic, legal entities established in low- and middle-income countries (see General Annexes) may exceptionally participate in this Coordination</p>	CSA	28.03.2023

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
	and support action as beneficiaries or affiliated entities.		
HORIZON-CL6-2023-CircBio-01-8: Eco-friendly consumer products – low-toxicity/zero pollution construction bio-based materials	International cooperation is encouraged to benefit from exchange of best practices, while taking care of European (industrial) competitiveness.	IA	28.03.2023
HORIZON-CL6-2023-CircBio-02-2-two-stage: Novel, sustainable and circular bio-based textiles	Address social impacts (e.g., HS&E and working conditions), in addition to environmental effects; projects should ensure sustainable, circular and socially just textile production and consumption at EU level, while international cooperation is strongly encouraged. Social Science and Humanities (SSH), social innovation and international cooperation aspects are also applicable to this topic and it is highly encouraged to address them as cross-cutting issues.	IA	28.03.2023 26.09.2023
HORIZON-CL6-2024-CircBio-01-5: Programmed biodegradation capability of bio-based materials and products, validated in specific environments	In order to achieve the expected outcomes of this topic, international cooperation is encouraged.	RIA	22.02.2024
HORIZON-CL6-2024-CircBio-02-4-two-stage: New circular solutions and decentralised approaches for water and wastewater management	Decentralised approaches for water and wastewater systems provides significant opportunities for developing countries and emerging economies to establish new alternatives and more sustainable approaches to water supply and sanitation and support the implementation of related SDGs. International cooperation is therefore strongly encouraged.	IA	22.02.2024 17.09.2024

Call - Clean environment and zero pollution ([Destination 4](#))

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
HORIZON-CL6-2023-ZEROPOLLUTION-01-3: Tackling human and climate change induced pollution in the Arctic - building resilient socio-ecological systems	International cooperation is encouraged, with a strong linkage with the ongoing activities under the All-Atlantic Ocean Research and Innovation Alliance and encouraging participation from countries that take part in the Arctic Science Ministerial meetings.	RIA	28.03.2023
HORIZON-CL6-2023-ZEROPOLLUTION-01-7: Strategies to prevent and reduce plastic packaging pollution from the food system	In order to achieve the expected outcomes, international cooperation is encouraged.	RIA	28.03.2023
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	Due to the scope of this topic, international cooperation is strongly encouraged, in particular with China. This topic is within the scope of the Administrative Arrangement between the European Commission and the Ministry of Science and Technology of the People's Republic of China on a Co-funding Mechanism for the period 2021-2024 to support collaborative research projects under the Food, Agriculture and Biotechnologies (FAB) and the Climate Change and Biodiversity (CCB) flagship initiatives.	RIA	28.03.2023 26.09.2023
HORIZON-CL6-2024-ZEROPOLLUTION-01-2: Best available techniques to recover or recycle fertilising products from secondary raw materials	In order to achieve the expected outcomes, and in line with the EU strategy for international cooperation in research and innovation, international cooperation is encouraged.	CSA	22.02.2024

Call - Land, ocean and water for climate action ([Destination 5](#))

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
HORIZON-CL6-2023-CLIMATE-01-3: Ocean and coastal waters carbon- and biodiversity-rich ecosystems and habitats in Europe and the Polar Regions	For both options (A & B), international cooperation is strongly encouraged, with a strong linkage with the ongoing activities under the All-Atlantic Ocean Research and Innovation Alliance.	RIA	12.04.2023
HORIZON-CL6-2023-CLIMATE-01-8: Closing the research gaps on Essential Ocean Variables (EOVs) in support of global assessments	International cooperation will be essential in integrating and coordinating these different scaled approaches. A strong linkage should be ensured with the ongoing activities under the All-Atlantic Ocean Research and Innovation Alliance, UN Decade of Ocean Science, and GOOS bio-eco panel.	IA	12.04.2023

Call - Resilient, inclusive, healthy and green rural, coastal and urban communities ([Destination 6](#))

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
HORIZON-CL6-2023-COMMUNITIES-01-3: International benchmarking of rural and territorial policies and delivery mechanisms	In order to achieve the expected outcomes, international cooperation is strongly encouraged. Legal entities from third countries can take part in the project as associated partner or beneficiary. <u>Other eligibility conditions:</u> Due to the scope of this topic, legal entities established in third countries are exceptionally eligible for Union funding. If eligible for funding, legal entities established in non-associated third countries/name specific countries may exceptionally participate in this Coordination and support action as a beneficiary or affiliated entity.	CSA	12.04.2023

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
HORIZON-CL6-2024-COM-MUNITIES-01-3: Participation and empowerment of Arctic coastal, local, and indigenous communities in environmental decision-making	International cooperation is encouraged, with a strong linkage with the ongoing activities under the All-Atlantic Ocean Research and Innovation Alliance and encouraging participation from countries that take part in the Arctic Science Ministerial meetings.	RIA	22.02.2024
HORIZON-CL6-2024-COM-MUNITIES-02-2-two-stage: New sustainable business and production models for farmers and rural communities	Due to the scope of this topic, international cooperation is strongly encouraged, in particular with China. This topic is within the scope of the Administrative Arrangement between the European Commission and the Ministry of Science and Technology of the People's Republic of China on a Co-funding Mechanism for the period 2021-2024 to support collaborative research projects under the Food, Agriculture and Biotechnologies (FAB) and the Climate Change and Biodiversity (CCB) flagship initiatives.	RIA	22.02.2024 17.09.2024

Call - Innovative governance, environmental observations and digital solutions in support of the Green Deal ([Destination 7](#))

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
HORIZON-CL6-2023-GOV-ERNANCE-01-4: Developing an interdisciplinary and inclusive pan-European academic network for food system science	In order to achieve the expected outcomes, international cooperation is encouraged.	RIA	23.03.2023
HORIZON-CL6-2023-GOV-ERNANCE-01-5: Revitalisation of European local (rural / peri-urban) communities with innovative bio-based business models and social innovation	International cooperation should be considered, aiming at exchange of best practice.	RIA	23.03.2023

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
HORIZON-CL6-2023-GOV-ERNANCE-01-6: Co-creation and trust-building measures for biotechnology and bio-based innovation systems	International cooperation is encouraged, aiming at exchange of best practice at global level.	CSA	23.03.2023
HORIZON-CL6-2023-GOV-ERNANCE-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	<u>Other eligibility conditions:</u> The following additional eligibility criteria apply: International organisations with headquarters in a Member State or an Associated Country are exceptionally eligible for funding.	CSA	23.03.2023
HORIZON-CL6-2024-GOV-ERNANCE-01-2: Regional ecosystems of innovation to foster food system transformation	In order to achieve the expected outcomes, international cooperation is encouraged.	CSA	28.02.2024
HORIZON-CL6-2024-GOV-ERNANCE-01-4: Supporting the All-Atlantic Ocean Research and Innovation Alliance and Declaration	In order to achieve the expected outcomes, international cooperation is mandatory. Consortia submitting proposals to this topic are encouraged to include in particular participants from countries endorsing the All-Atlantic Ocean Research and Innovation Alliance Declaration. <u>Other eligibility conditions:</u> Due to the scope of this topic, legal entities established in Brazil are exceptionally eligible for Union funding. Legal entities established in non-associated third countries may exceptionally participate in this Coordination and support action in a capacity other than as an associated partner.	CSA	28.02.2024

Topic	Internationale Kooperation (Kontext)	Instrument	Frist
	<p>The following additional eligibility criteria apply: In order to achieve the expected outcomes of the action, namely the European contribution to the implementation of the All-Atlantic Ocean Research & Innovation Alliance, the consortium must include at least three entities from the following countries: Argentina, Brazil, Canada, Cape Verde, Morocco, United States of America, South Africa.</p>		

NKS Bioökonomie und Umwelt

Cluster 6: Lebensmittel, Bioökonomie, natürliche Ressourcen, Landwirtschaft und Umwelt

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