

APRE

Conferenza
Annuale 2022

Conferenza Annuale APRE 2022

VERSO UN NUOVO FUTURO

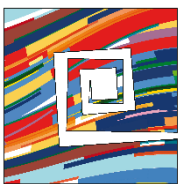
INNOVARE NELLA COMPLESSITÀ

25 - 28 OTTOBRE

in presenza su invito e on line

› www.aprecon2022.it

#aprecon2022



APRE

Conferenza
Annuale 2022

APREbackstage

CLUSTER 6 – FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE & ENVIRONMENT

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Coordinatore Team Cluster 6, APRE



APREspace



CLUSTER 6 | Overview Work Programme 2023 –24

Versione WP:
Luglio 2022

Prossimo Comitato
di Programma:
27 ottobre 2022

Adozione:
25 o 28 Novembre

Pubblicazione:
**28 novembre o 1
dicembre**

Scadenze		Topic		Budget	
'23	23 e 28 Marzo e 12 Aprile	'23	100	'23	1056,39 (di cui 897 sui bandi 2023)
'24	22 / 28 Febbraio	'24	76	'24	903 (di cui 734 sui bandi 2024)
		'23 '24	176	'23 '24	1.959,39 mln €

WP 23-24| Overview bandi 2023

DESTINATION	CALL	DEADLINES
1. BIODIVERSITY AND ECOSYSTEM SERVICES	HORIZON-CL6-2023- BIODIV -01	DEADLINE: 28 MAR 2023
2. FAIR, HEALTHY AND ENVIRONMENTALLY-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION	HORIZON-CL6-2023- FARM2FORK -01	DEADLINE: 12 APR 2023
3. CIRCULAR ECONOMY AND BIOECONOMY SECTORS	HORIZON-CL6-2023- CIRCBIO -01	DEADLINE(S): 28 MAR 2023
	HORIZON-CL6-2023- CIRCBIO -02	DEADLINE(S): 28 MAR 2023 (FIRST STAGE), 26 SEP 2023 (SECOND STAGE)
4. CLEAN ENVIRONMENT AND ZERO POLLUTION	HORIZON-CL6-2023- ZEROPOLLUTION -01	DEADLINE: 28 MAR 2023
	HORIZON-CL6-2023- ZEROPOLLUTION -02	DEADLINE(S): 28 MAR 2023 (FIRST STAGE), 26 SEP 2023 (SECOND STAGE)
5. LAND, OCEAN AND WATER FOR CLIMATE ACTION	HORIZON-CL6-2023- CLIMATE -01	DEADLINE: 12 APR 2023
6. RESILIENT, INCLUSIVE, HEALTHY AND GREEN RURAL, COASTAL AND URBAN COMMUNITIES	HORIZON-CL6-2023- COMMUNITIES -01	DEADLINE: 12 APR 2023
7. INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL	HORIZON-CL6-2023- GOVERNANCE -01	DEADLINE: 23 MAR 2023

WP 23-24| Overview bandi 2024

Opening: 17 Oct 2023

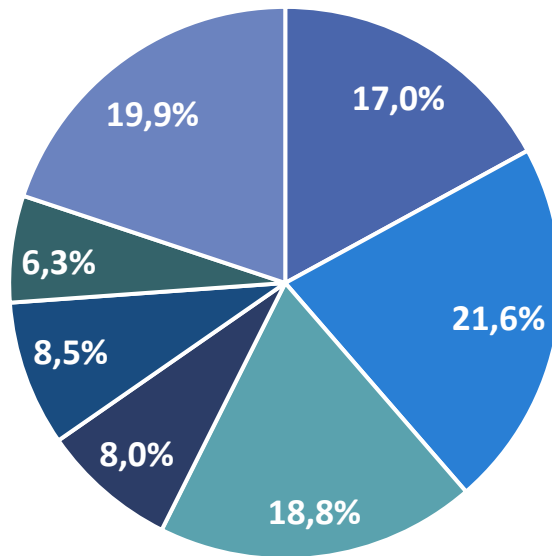
DESTINATION	CALL	DEADLINES
1. BIODIVERSITY AND ECOSYSTEM SERVICES	HORIZON-CL6-2024- BIODIV -01	Deadline: 22 Feb 2024
	HORIZON-CL6-2024- BIODIV -02	Deadline(s): 22 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)
2. FAIR, HEALTHY AND ENVIRONMENTALLY-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION	HORIZON-CL6-2024- FARM2FORK -01	Deadline: 22 Feb 2024
	HORIZON-CL6-2024- FARM2FORK -02	Deadline(s): 22 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)
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	HORIZON-CL6-2024- ZEROPOLLUTION -02	Deadline(s): 22 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)
5. LAND, OCEAN AND WATER FOR CLIMATE ACTION	HORIZON-CL6-2024- CLIMATE -01	Deadline: 22 Feb 2024
6. RESILIENT, INCLUSIVE, HEALTHY AND GREEN RURAL, COASTAL AND URBAN COMMUNITIES	HORIZON-CL6-2024- COMMUNITIES -01	Deadline: 22 Feb 2024
	HORIZON-CL6-2024- COMMUNITIES -02	Deadline(s): 22 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)
7. INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL	HORIZON-CL6-2024- GOVERNANCE -01	Deadline: 28 Feb 2024

WP 23-24| Destination

DESTINATION	Topic		Budget	
	2023	2024	2023	2024
1. BIODIVERSITY AND ECOSYSTEM SERVICES	18	12	184,00 €	112
2. FAIR, HEALTHY AND ENVIRONMENTALLY-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION	20	18	196,50 €	164
3. CIRCULAR ECONOMY AND BIOECONOMY SECTORS	17	16	178,50 €	147,5
4. CLEAN ENVIRONMENT AND ZERO POLLUTION	9	5	79,50 €	61
5. LAND, OCEAN AND WATER FOR CLIMATE ACTION	8	7	90,00 €	75
6. RESILIENT, INCLUSIVE, HEALTHY AND GREEN RURAL, COASTAL AND URBAN COMMUNITIES	6	5	38,50 €	37
7. INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL	22	13	130,00 €	137,5
	100	76	897	734
2023-2024	176		1631	

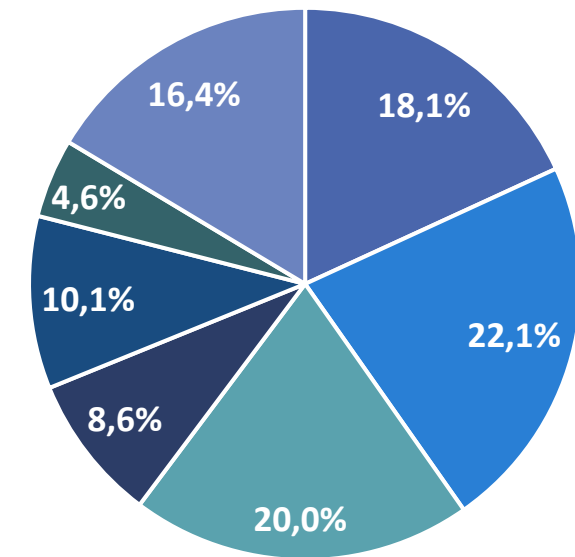
WP 23-24| Incidenza per destination

Topic per Destination



- Destination 1
- Destination 2
- Destination 3
- Destination 4
- Destination 5
- Destination 6
- Destination 7

€ Contributo EU per Destination



2023 | Condizioni specifiche/criteri di eleggibilità aggiuntivi

MAA – Multi actor approach
(37 topic)

Lump sum
(25 Topic)

JRC
(24 topic)

Eligibility for third country in CSA
(3 Topic)

Two stages – blind evaluation
(2 bandi)

Eligibility for International organisations with headquarters in a Member State or associated country
(6 Topic)

FSTP
(1 topic)

2023 | Condizioni specifiche/criteri di eleggibilità aggiuntivi

**MAA - Multi
actor approach
(37 topic)**

Lump sum
(25 Topic)

**JRC
(24 topic)**

Eligibility for third country
in CSA
(3 Topic)

**Two stages –
blind evaluation
(2 bandi)**

Eligibility for International
organisations with
headquarters in a Member
State or associated country
(6 Topic)

FSTP
(1 topic)

TWO stages – Blind evaluation (2023, solo CIRCBIO e ZEROPOLLUTION)

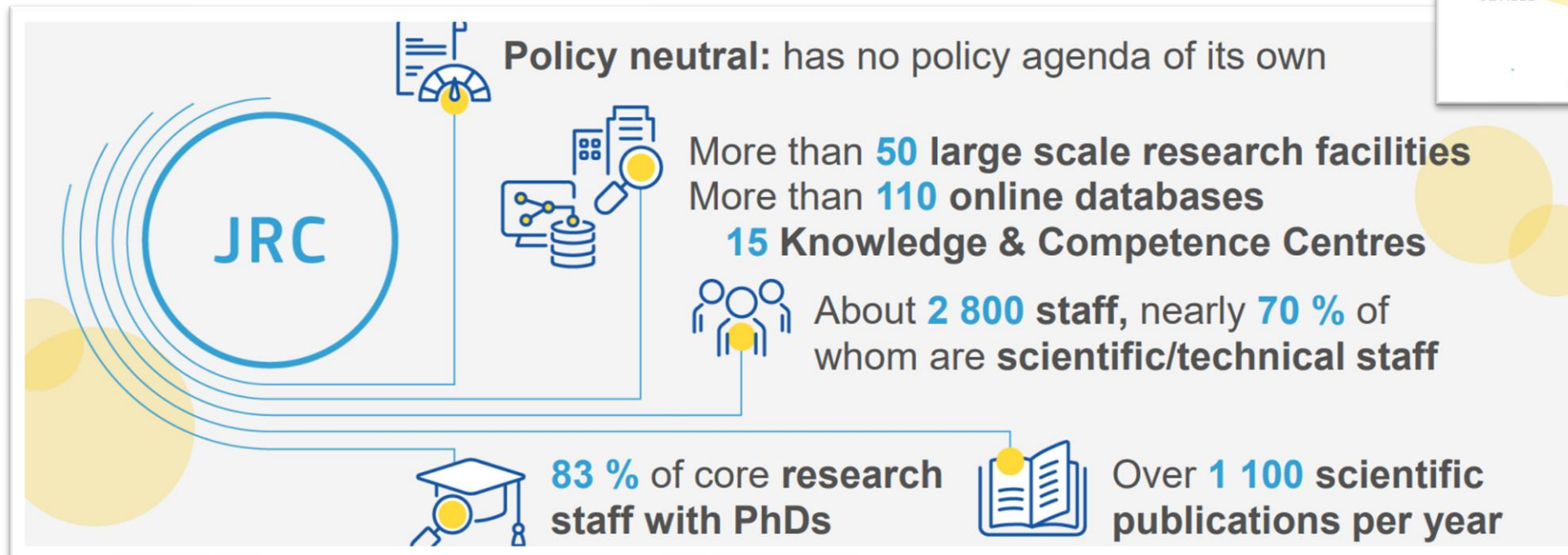


Blind evaluation (in 1st stage)

- There is no evidence that the current proposal evaluation system is systematically biased.
- There are understandable concerns that evaluation experts may be swayed – perhaps unconsciously – in favour of proposals from well-known organisations in countries with better performing R&I systems.
- ‘Blind’ evaluation is a way to remove any real or perceived effect of such reputational bias.
- Experts evaluate without knowing the identity of participants.
- The work programme will include an additional admissibility criterion: applicants can not be disclosed in the narrative part of the proposal.

JRC – Joint Research Center

🔗 *JRC Mission: As the science and knowledge service of the Commission our mission is to support EU policies with independent evidence throughout the whole policy cycle.*



JRC – Knowledge Centres



JRC e Cluster 6

For topics in this cluster, **the consortia should consider their possible contribution to Joint Research Centre (JRC) relevant platforms for capitalising the knowledge developed in their projects, and to become more policy relevant, contributing in terms of data, indicators and knowledge.** With reference to, for instance:

1. **Life cycle assessment (LCA)** and its relevant application to value chain assessment, refer to the European Platform on **Life cycle assessment** (EPLCA, <https://eplca.jrc.ec.europa.eu/>) and make reference to the Environmental footprint method when applying LCA (<https://ec.europa.eu/environment/eussd/smgp/index.htm>)
2. **Raw materials**, refer to the Raw materials information system (RMIS, <https://rmis.jrc.ec.europa.eu/>)
3. **Soil** and soil related issues, refer to the European Soil Observatory (ESO, <https://ec.europa.eu/jrc/en/eu-soil-observatory>)
4. **Natural capital** accounting, refer to the INCA platform (<https://ec.europa.eu/eurostat/ecosystem-accounts>)
5. **Biodiversity**, refer to the EC Knowledge Centre for Biodiversity, (https://knowledge4policy.ec.europa.eu/biodiversity_en).
6. **Food systems and food security**, refer to the EC Knowledge Centre for Global Food and Nutrition Security (https://knowledge4policy.ec.europa.eu/global-food-nutrition-security_en).
7. **Bioeconomy**, refer to the EC Knowledge Centre for Bioeconomy (https://knowledge4policy.ec.europa.eu/bioeconomy_en).
8. **EU and AU cooperation**, refer to the Africa Knowledge Platform (<https://africa-knowledge-platform.ec.europa.eu/>)
9. **Earth and environmental observations**, refer to the EC Knowledge Centre on Earth Observation (https://knowledge4policy.ec.europa.eu/earthobservation_en).

JRC in HE – *General Annex*

- Where provided for in the specific call conditions, applicants may include in their proposals the possible contribution of the JRC but the JRC will not participate in the preparation and submission of the proposal.
- Applicants will indicate the contribution that the JRC could bring to the project based on the scope of the topic text
- After the evaluation process, the JRC and the consortium selected for funding may come to an agreement on the specific terms of the participation of the JRC.
- If an agreement is found, the JRC would accede to the grant agreement as beneficiary requesting zero funding and would accede to the consortium as a member

JRC in HE – *Involvement in actions*

JRC as Beneficiary [menzione nel topic]

- Requesting no contribution
- Signing the CA

JRC as a Non Beneficiary [NO menzione nel topic]

- light form of collaboration (e.g. agreement, membership in the scientific advisory board, etc.)

2023 | Cooperazione Internazionale

- Cooperazione con **Africa** (3 topic – Headings in Farm2Fork e condizioni particolari di eleggibilità)
- **Cina** (1 topic)

DESTINATION	2023
1. ECOSYSTEM SERVICES	8
2. FAIR, HEALTHY AND ENVIRONMENTALLY-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION	9
3. CIRCULAR ECONOMY AND BIOECONOMY SECTORS	4
4. CLEAN ENVIRONMENT AND ZERO POLLUTION	3
5. LAND, OCEAN AND WATER FOR CLIMATE ACTION	3
6. RESILIENT, INCLUSIVE, HEALTHY AND GREEN RURAL, COASTAL AND URBAN COMMUNITIES	1
7. INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL	5
	33

EU – Africa cooperation

Four policy priorities for EU-AU cooperation in Research & Innovation



Public Health



Green Transition



Innovation and
Technology



Capacities for Science
(Science for Policy Making, Open Science,
Human Capital Development, Gender Equality)



AU-EU Research and Innovation priorities → Innovation partnership

2. Green Transition

R&I areas:



#HorizonEU

9



The main tools for implementing the Green Transition priority are 2 long-term, jointly funded research and innovation partnerships under the HLPD.

- [Food and Nutrition Security and Sustainable Agriculture \(FNSSA\)](#) under the green transition priority
- [Climate Change and Sustainable Energy \(CCSE\)](#) under the green transition priority

WP 2021-22 → Green Transition (215 MEUR)

Partnership on Food and Nutrition Security and Sustainable Agriculture (FNSSA)

- ▣ The partnership aims to boost the impact of AU-EU joint research at local level by addressing the entire value-chain, strengthening capacity-building (human, research infrastructures and institutional) and focusing on demonstration projects and pilot actions to bring research and innovation results to users. It also aims to improve access to sustainably produced, nutritious and safe food, enhance income growth and promote rural development, contributing to Agenda 2030
- ▣ The partnership has channeled a joint investment of €381 million on 4 priorities:

sustainable
intensification of
agriculture

agriculture and
food systems for
nutrition

expansion and
improvement of
agricultural trade
and markets

cross-cutting topics

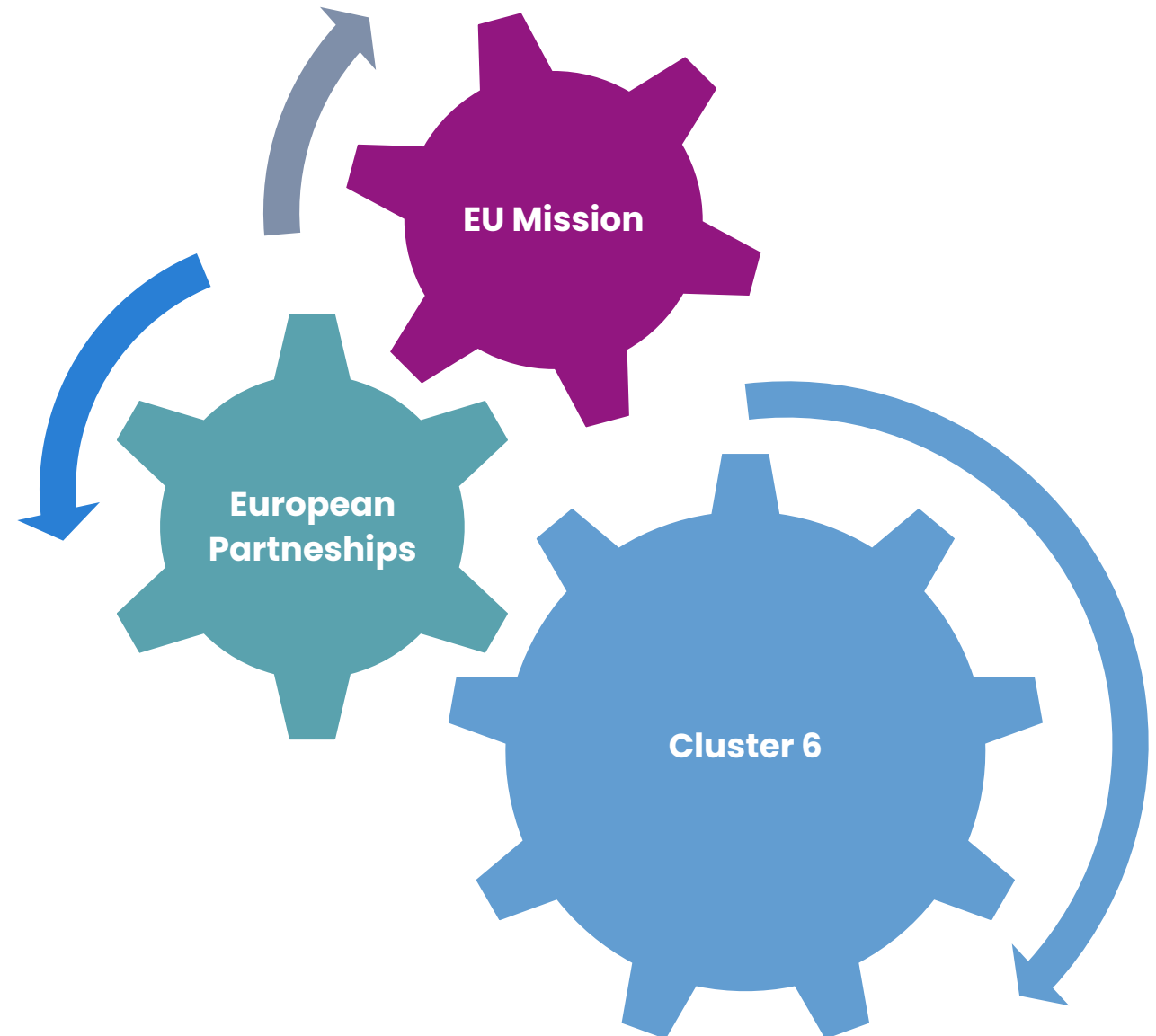
LINK EU/ AU-EU strategy nel testo dei topic

- 📌 In line with the **European Green Deal** priorities and in particular the farm to fork strategy, and in support of the African Free Trade Area, the successful proposal will contribute to the **African Union (AU)-EU High Level Policy Dialogue (HLPD) on Science, Technology and Innovation**, and its priority on Green Transition (and the respective **R&I partnerships on Food and Nutrition Security and Sustainable Agriculture and Climate Change and Sustainable Energy**), as well as to the implementation of the short-term actions outlined in the working document of the **AU-EU Innovation Agenda**, aiming to translate R&I efforts into tangible business, development and employment opportunities in Africa and Europe.

**WP 2023-24
Mission**

**Biodiversa +
Water4all**
Call aperte

CBE WP 2023
tbc



CL6 – European Partnerships

HORIZON EUROPE PILLAR II - Global challenges & European industrial competitiveness

CLUSTER 1: Health	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility	CLUSTER 6: Food, Bioeconomy, Agriculture, ...
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen	Circular Bio-based Europe
Global Health Partnership	Smart Networks & Services	Clean Aviation	Rescuing Biodiversity to Safeguard Life on Earth
Transformation of health systems	High Performance Computing	Single European Sky ATM Research 3	Climate Neutral, Sustainable & Productive Blue Economy
Chemicals risk assessment	European Metrology (Art. 185)	Europe's Rail	Water4All
ERA for Health	AI-Data-Robotics	Connected and Automated Mobility (CCAM)	Animal Health & Welfare*
Rare diseases*	Photonics	Batteries	Accelerating Farming Systems Transitions*
One-Health Anti Microbial Resistance*	Made in Europe	Zero-emission waterborne transport	Agriculture of Data*
Personalised Medicine*	Clean steel – low-carbon steelmaking	Zero-emission road transport	Safe & Sustainable Food System*
Pandemic Preparedness* <i>Co-funded or co-programmed</i>	Processes4Planet	Built4People	
	Global competitive space systems**	Clean Energy Transition	
		Driving Urban Transitions	

PILLAR III - Innovative Europe

EIT (KNOWLEDGE & INNOVATION COMMUNITIES)	SUPPORT TO INNOVATION ECOSYSTEMS
InnoEnergy	Innovative SMEs
Climate	
Digital	
Food	
Raw Materials	
Manufacturing	
Urban Mobility	
Cultural and Creative Industries	

23% del budget del cluster 6 è dedicato alle EP (2.046 mln €)

CROSS-PILLARS II & III

European Open Science Cloud

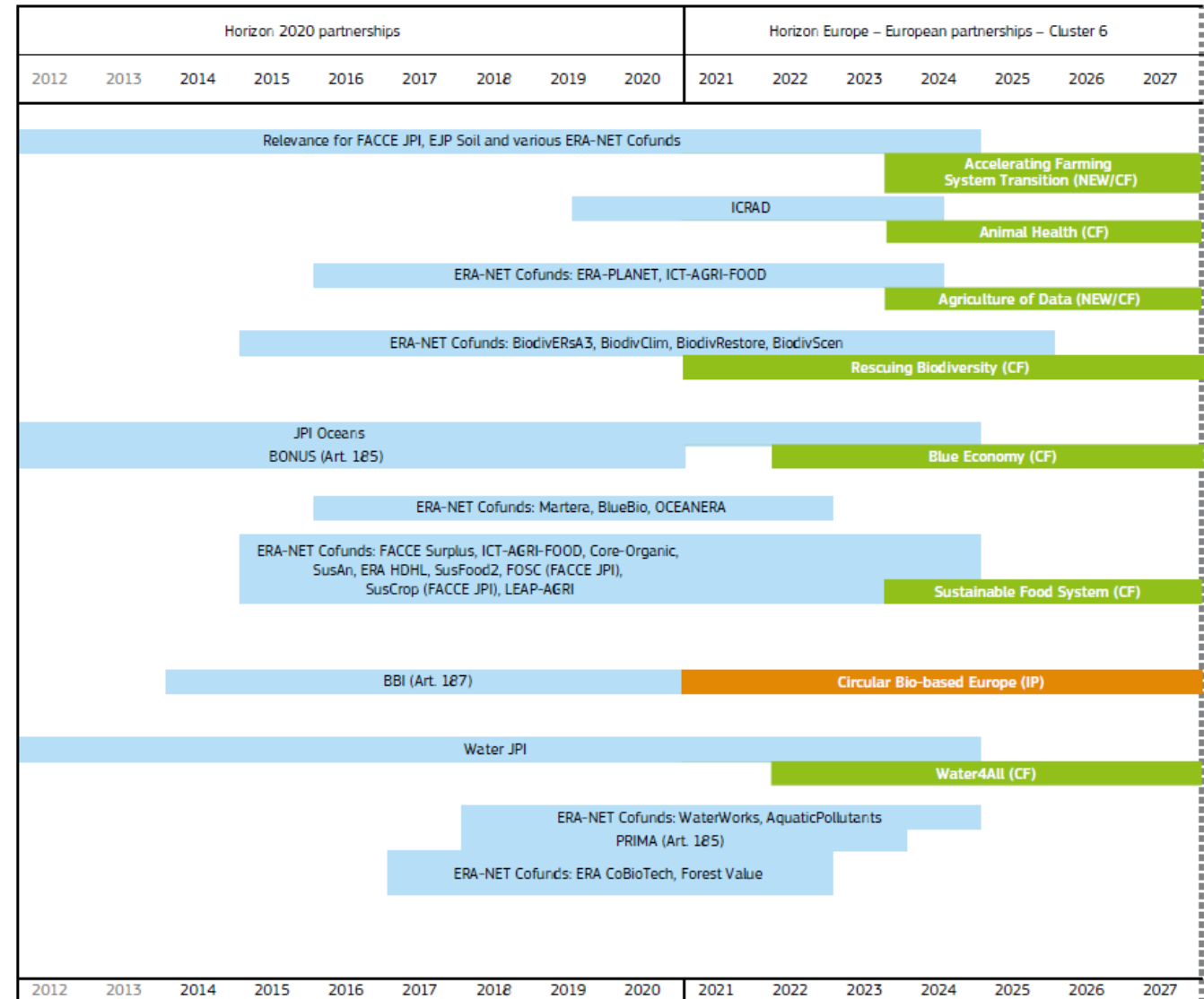
Institutionalised Partnerships (Art 185/7)

Institutionalised Partnerships / EIT KICs

Co-Programmed

Co-Funded www.aprecon2022.it

L'evoluzione delle Partnership del CL6



EU Partnership con bandi attivi



Deadline preproposal:
9 novembre



Deadline preproposal:
31 ottobre

EU Mission | WP 23-24



Draft WP 23
Deadline: **20 Sep 2023**
topic: **9**
Budget: **126** mln €



Draft WP 23
Deadline: **20 Sep 2023**
topic: **11**
Budget: **87,7** mln €



APPROFONDIMENTO TOPIC

Work Programme 2023

D1 – BIODIVERSITY AND ECOSYSTEM SERVICES



POLICY CONTEXT

- Biodiversity Strategy and related initiatives: EU Forest Strategy 2030; EU Soil Strategy 2030; future Commission proposal on legally binding nature restoration targets and environmental reporting
- Other Green Deal initiatives notably: EU action plan: 'towards zero pollution for air, water and soil', EU climate adaptation strategy, EU farm to fork strategy
- Birds and Habitat Directives ("Natura 2000"); EU Pollinators Initiative
- Marine Strategy Framework Directive and new approach for a sustainable blue economy in the EU
- EU contribution to IPBES and the Convention on Biological Diversity



IMPACT FROM STRATEGIC PLAN

"**Biodiversity** is back on a path to **recovery**, and **ecosystems** and their **services** are **preserved** and **sustainably restored** on land, inland water and at sea through improved knowledge and innovation"

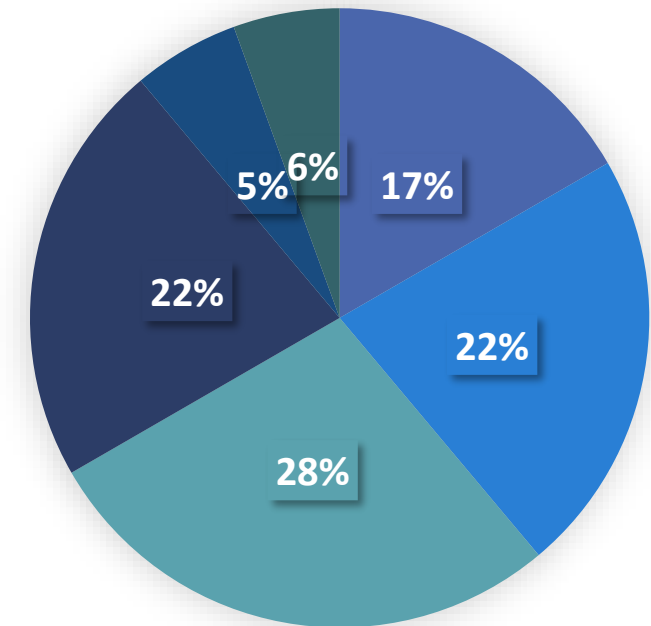


D1 – BIODIVERSITY AND ECOSYSTEM SERVICES

Headings	N° of topics
Understanding and addressing the main drivers of biodiversity loss	3
Biodiversity protection and restoration	4
Mainstreaming biodiversity in society and the economy	5
Biodiversity friendly practices in agriculture, forestry and aquaculture	4
Biodiversity and health	1
Interconnection of biodiversity research and policies	1

Total number of topics: 18

N° of topics



- Understanding and addressing the main drivers of biodiversity loss
- Biodiversity protection and restoration
- Mainstreaming biodiversity in society and the economy
- Biodiversity friendly practices in agriculture, forestry and aquaculture
- Biodiversity and health
- Interconnection of biodiversity research and policies

D1 – BIODIVERSITY AND ECOSYSTEM SERVICES

Understanding and addressing the main drivers of biodiversity loss

Expected impact

Understand and address direct **drivers of biodiversity decline** – land and sea use change, natural resource use and exploitation, climate change, pollution, invasive alien species – as well as indirect drivers – demographic, socio-economic, technological, etc.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	<u>N° of projects to be funded</u>
HORIZON-CL6-2023-BIODIV-01-1	Better understanding of routes of exposure and toxicological and ecological impacts of chemical pollution on terrestrial biodiversity	RIA	Around 5.50	4
HORIZON-CL6-2023-BIODIV-01-2	Impact of light and noise pollution on biodiversity	RIA	Around 3.50	2
HORIZON-CL6-2023-BIODIV-01-3	Interdisciplinary assessment of changes affecting terrestrial and freshwater ecosystems, building on observation programmes	RIA	Around 6.00	1

D1 – BIODIVERSITY AND ECOSYSTEM SERVICES

Biodiversity protection and restoration

Expected impact

Plan, manage and expand **protected areas** and their networks and improve the status of species and habitats based on up-to-date knowledge and solutions.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-BIODIV-01-4	Nature protection: Better methods and knowledge to improve the conservation status of EU-protected species and habitats	RIA	Around 4.00	2
HORIZON-CL6-2023-BIODIV-01-5	Understanding and reducing bycatch of protected species	RIA	Around 9.00	2
HORIZON-CL6-2023-BIODIV-01-6	Restoration of deep-sea habitats	IA	Around 10.00	1
HORIZON-CL6-2023-BIODIV-01-7	Demonstration of marine and coastal infrastructures as hybrid blue-grey Nature-based Solutions	IA	Around 5.00	2

D1 – BIODIVERSITY AND ECOSYSTEM SERVICES

Mainstreaming biodiversity in society and the economy

Expected impact

Mainstream **biodiversity, ecosystem services and natural capital in the society and economy**: integrate them into public and business decision-making; build approaches for enabling transformative changes to tackle societal challenges including through the deployment of nature-based solutions (NBS).

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-BIODIV-01-10	Build up of knowledge on Nature Positive Economy and supporting its scale-up	RIA	Around 5.00	1
HORIZON-CL6-2023-BIODIV-01-11	Biodiversity loss and enhancing ecosystem services in urban and peri-urban areas	RIA	Around 5.00	1
HORIZON-CL6-2023-BIODIV-01-12	Reinforcing science policy support with IPBES and IPCC for better interconnected biodiversity and climate policies	CSA	Around 4.00	1
HORIZON-CL6-2023-BIODIV-01-8	Addressing biodiversity decline and promoting Nature-based Solutions in higher education	CSA	Around 3.00	1
HORIZON-CL6-2023-BIODIV-01-9	Biodiversity, economics and finance: unlocking financial flows towards reversing of biodiversity loss	RIA	Around 5.00	1

D1 – BIODIVERSITY AND ECOSYSTEM SERVICES

Biodiversity friendly practices in agriculture, forestry and aquaculture

Expected impact

Develop and improve **practices in agriculture, forestry, fisheries and aquaculture** to support and make sustainable the use of biodiversity and a wide range of ecosystems services.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-BIODIV-01-13	Crop wild relatives for sustainable agriculture	RIA	Around 6.00	2
HORIZON-CL6-2023-BIODIV-01-14	Biodiversity friendly practices in agriculture – breeding for Integrated Pest Management (IPM)	RIA	Around 5.00	2
HORIZON-CL6-2023-BIODIV-01-15	Integrative forest management for multiple ecosystem services and enhanced biodiversity	CSA	Around 7.00	1
HORIZON-CL6-2023-BIODIV-01-16	Valorisation of ecosystem services provided by legume crops	RIA	Around 5.00	2

D1 – BIODIVERSITY AND ECOSYSTEM SERVICES

Biodiversity and health

Expected impact

Understand **the biodiversity and health nexus, in particular at the level of ecosystems**, including with the One-health approach, in the context of climate change and globalization and address contributions and trade-offs.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-BIODIV-01-17	Interlinkages between biodiversity loss and degradation of ecosystems and the emergence of zoonotic diseases	RIA	Around 4.00	3

D1 – BIODIVERSITY AND ECOSYSTEM SERVICES

Interconnection of biodiversity research and policies

Expected impact

Interconnect **biodiversity research and support policies and processes** at EU and global levels, making use of advanced digital technologies and societal engagement where appropriate.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-BIODIV-01-18	European Biodiversity Partnership: Biodiversa+	COFUND	Around 60.00	1

D2 – FAIR, HEALTHY AND ENVIRONMENT-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION



POLICY CONTEXT

- European Green Deal
- Farm to Fork Strategy
- Common Agricultural Policy
- Food2030
- Strategic Approach to EU Agricultural Research and Innovation



IMPACT FROM STRATEGIC PLAN

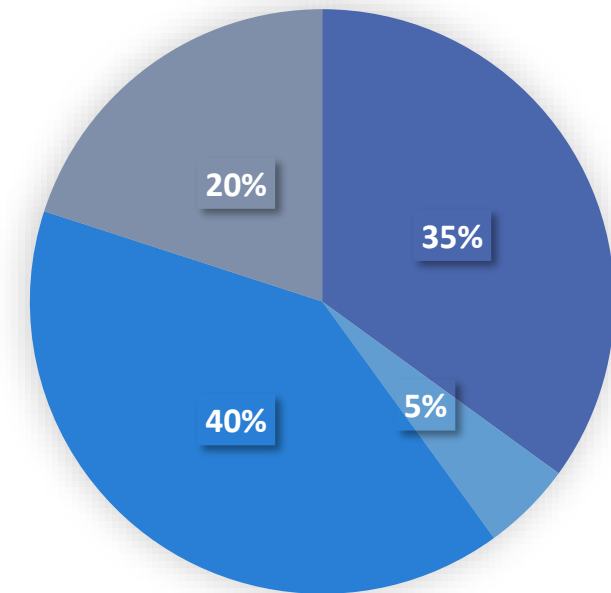
Food and nutrition security for all within planetary boundaries is ensured through knowledge, innovation and digitalisation in agriculture, fisheries, aquaculture and food systems, which are sustainable, resilient, inclusive, safe and healthy **from farm to fork**

D2 – FAIR, HEALTHY AND ENVIRONMENT-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION

Headings	N° of topics
Enabling sustainable farming systems	7
Enabling sustainable fisheries and aquaculture	1
Transforming food systems for health, sustainability and inclusion	8
Targeted international cooperation	4
Enabling sustainable farming systems	7
Enabling sustainable fisheries and aquaculture	1

Total number of topics: 20

N° of topics



- Enabling sustainable farming systems
- Enabling sustainable fisheries and aquaculture
- Transforming food systems for health, sustainability and inclusion
- Targeted international cooperation

D2 – FAIR, HEALTHY AND ENVIRONMENT-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION

Enabling sustainable farming systems (1)

Expected impact

Enable **sustainable farming systems** providing consumers with affordable, safe, healthy and sustainable food, increasing the provision of ecosystem services, restoring and enhancing biodiversity, minimising pollution and pressure on ecosystems and emissions of greenhouse gases, fostering plant, animal and public health, improving animal welfare, and generating fair economic returns for farmer.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-FARM2FORK-01-1	European partnership on accelerating farming systems transition – agroecology living labs and research infrastructures	COFUND	Around 60.00	1
HORIZON-CL6-2023-FARM2FORK-01-2	European partnership on animal health and welfare	COFUND	Around 60.00	1
HORIZON-CL6-2023-FARM2FORK-01-3	Improving yields in organic cropping systems	CSA	Around 4.00	2
HORIZON-CL6-2023-FARM2FORK-01-4	Towards research and innovation beyond Farm to Fork Strategy targets for pesticides after 2030	CSA	Around 1.00	1

D2 – FAIR, HEALTHY AND ENVIRONMENT-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION

Enabling sustainable farming systems (2)

Expected impact

Enable **sustainable farming systems** providing consumers with affordable, safe, healthy and sustainable food, increasing the provision of ecosystem services, restoring and enhancing biodiversity, minimising pollution and pressure on ecosystems and emissions of greenhouse gases, fostering plant, animal and public health, improving animal welfare, and generating fair economic returns for farmer.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-FARM2FORK-01-5	Advancing vaccine development for African swine fever	RIA	Around 6.00	2
HORIZON-CL6-2023-FARM2FORK-01-6	Towards sustainable livestock systems: European platform for evidence building and transitioning policy	RIA	Around 5.00	1
HORIZON-CL6-2023-FARM2FORK-01-7	Innovations in plant protection: alternatives to reduce the use of pesticides focusing on candidates for substitution	IA	Around 6.00	2

D2 – FAIR, HEALTHY AND ENVIRONMENT-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION

Enabling sustainable fisheries and aquaculture

Expected impact

Enable **sustainable fisheries and aquaculture**, in marine and inland waters, increasing aquatic multi-trophic biomass production in a way compatible with the protection of aquatic ecosystems and biodiversity, diversification of fisheries and aquaculture products, for fair, healthy, climate-resilient and environment-friendly food systems with lower impact on aquatic ecosystems and enhanced animal welfare.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	<u>N° of projects to be funded</u>
HORIZON-CL6-2023-FARM2FORK-01-8	Using automatic species recognition and artificial intelligence to fight illegal fish discards and revolutionise fisheries control	IA	Around 5.00	1

D2 – FAIR, HEALTHY AND ENVIRONMENT-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION

Transforming food systems for health, sustainability and inclusion (1)

Expected impact

Accelerate the transition to **sustainable, healthy and inclusive food systems**, delivering co-benefits for climate change mitigation and adaptation, environmental sustainability and circularity, sustainable healthy diets and nutrition, food poverty reduction, empowered citizens and communities, and flourishing food businesses, while ensuring food safety and the economic sustainability of EU food systems during the transition.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-FARM2FORK-01-10	Eradicate micronutrient deficiencies in the EU	RIA	Around 9.00	1
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	Around 5.00	2
HORIZON-CL6-2023-FARM2FORK-01-12	Thematic network ensuring food safety by translating research and innovation into practice	CSA	Around 2.00	1
HORIZON-CL6-2023-FARM2FORK-01-13	Cultured meat and cultured seafood – state of play and future prospects in the EU	RIA	Around 7.00	1

D2 – FAIR, HEALTHY AND ENVIRONMENT-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION

Transforming food systems for health, sustainability and inclusion (2)

Expected impact

Accelerate the transition to **sustainable, healthy and inclusive food systems**, delivering co-benefits for climate change mitigation and adaptation, environmental sustainability and circularity, sustainable healthy diets and nutrition, food poverty reduction, empowered citizens and communities, and flourishing food businesses, while ensuring food safety and the economic sustainability of EU food systems during the transition.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-FARM2FORK-01-14	Providing marketing solutions to prevent and reduce the food waste related to marketing standards	RIA	Around 5.00	2
HORIZON-CL6-2023-FARM2FORK-01-15	Fostering resilient European food systems in a changing world	RIA	Around 8.00	1
HORIZON-CL6-2023-FARM2FORK-01-16	Microbiomes fighting food waste through applicable solutions in food processing, packaging and shelf life	IA	Around 5.00	2
HORIZON-CL6-2023-FARM2FORK-01-9	European partnership on sustainable food systems for people, planet and climate	COFUND	Around 45.00	1

D2 – FAIR, HEALTHY AND ENVIRONMENT-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION

Targeted international cooperation

Expected impact

The successful proposal will contribute to the African Union (AU)-EU High Level Policy Dialogue (HLPD) on Science, Technology and Innovation, and its priority on Green Transition, as well as to the implementation of the short-term actions outlined in the working document of the AU-EU Innovation Agenda, aiming to translate R&I efforts.

ID Topic	Title topic	ToA	EU contribution per project	N° of projects to be funded
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	Around 4.00	1
HORIZON-CL6-2023-FARM2FORK-01-18	Support for the implementation of a sustainable platform for the EU-AU cooperation under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership	CSA	Around 4.00	1
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	Around 7.00	1
HORIZON-CL6-2023-FARM2FORK-01-20	EU-Africa Union – food safety	RIA	Around 5.00	2

D3 – CIRCULAR ECONOMY AND BIOECONOMY SECTORS



POLICY CONTEXT

- European Green Deal
- Circular Economy Action Plan
- Biodiversity Strategy
- Bioeconomy Strategy
- Forest Strategy
- Plastics Strategy
- Industrial Strategy
- SME Strategy



IMPACT FROM STRATEGIC PLAN

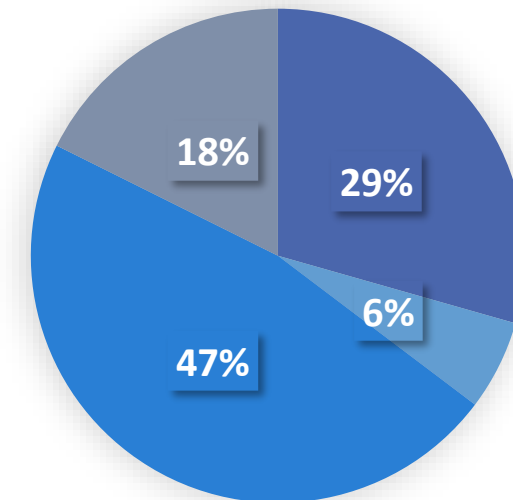
Sustainable and circular management and use of natural resources as well as **prevention and removal of pollution are mainstreamed**, unlocking the potential of the **bioeconomy**, ensuring competitiveness and guaranteeing healthy soil, air, fresh and marine water for all, through better understanding of planetary boundaries and deployment of innovative technologies and other solutions, notably in **primary production, forestry and bio-based systems**

D3 – CIRCULAR ECONOMY AND BIOECONOMY SECTORS

Headings	N° of topics
Enabling a circular economy transition	5
Innovating for blue bioeconomy and biotechnology value chains	1
Innovating for sustainable bio-based systems, biotechnology and the bioeconomy	8
Safeguarding and sustainably innovating the multiple functions of EU forests	3

Total number of topics: 17

N° of topics



- Enabling a circular economy transition
- Innovating for blue bioeconomy and biotechnology value chains
- Innovating for sustainable bio-based systems, biotechnology and the bioeconomy
- Safeguarding and sustainably innovating the multiple functions of EU forests

D3 – CIRCULAR ECONOMY AND BIOECONOMY SECTORS

Enabling a circular economy transition

Expected impact

Accelerate regional, rural, local/urban and consumer-based transitions towards a sustainable, regenerative, inclusive, just and clean circular economy and bioeconomy across all regions of Europe; with special attention to the most sensitive/vulnerable²²⁴ and greenhouse gas-intensive regions, based on enhanced knowledge and understanding of science, improved capacity to design, implement and monitor policies as well as by instruments for circular and bio-based transitions.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-CircBio-01-1	Enhancing collaboration between Circular Cities and Regions Initiative's (CCRI) supporting organisations	CSA	Around 2.50	1
HORIZON-CL6-2023-CircBio-01-2	One hundred circular model households: making European households sustainable through inclusive circular practices	IA	Around 6.00	3
HORIZON-CL6-2023-CircBio-01-3	Harnessing the innovation potential and market uptake of successful circular economy water related projects	CSA	Around 2.00	1
HORIZON-CL6-2023-CircBio-02-1	Circular Cities and Regions Initiative (CCRI)'s circular systemic solutions	IA	9.00 to 10.00	6
HORIZON-CL6-2023-CircBio-02-2	Novel, sustainable and circular bio-based textiles	IA	Around 7.00	2

D3 – CIRCULAR ECONOMY AND BIOECONOMY SECTORS

Innovating for sustainable bio-based systems, biotechnology and the bioeconomy (1)

Expected impact

Develop innovative and sustainable value-chains in the bio-based sectors substituting fossil-based ones, increasing circular bio-based systems from sustainably sourced biological resources, replacing carbon-intensive and fossil-based systems. Such development will be supported via research and innovation on **biotechnology** and other enabling technologies, as a prerequisite and driver of future solutions for a circular economy and the bioeconomy transition, with inclusive engagement of all stakeholders, including policymakers and will increase access to finance and technical support along whole supply chains for bioeconomy projects.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-CircBio-01-10	Supporting the fair and just transition from GHG-intensive economies facing challenges towards circular bioeconomy model regions	CSA	Around 2.00	1
HORIZON-CL6-2023-CircBio-01-4	Land-based bioprospecting and production of bioactive compounds and functional materials for multiple bio-based value chains	RIA	Around 4.00	1
HORIZON-CL6-2023-CircBio-01-5	Broadening the spectrum of robust enzymes and microbial hosts in industrial biotechnology	IA	Around 5.00	2
HORIZON-CL6-2023-CircBio-01-6	Bio-based solutions for humanitarian applications	CSA	Around 1.50	2

D3 – CIRCULAR ECONOMY AND BIOECONOMY SECTORS

Innovating for sustainable bio-based systems, biotechnology and the bioeconomy (2)

Expected impact

Develop innovative and sustainable value-chains in the bio-based sectors substituting fossil-based ones, increasing circular bio-based systems from sustainably sourced biological resources, replacing carbon-intensive and fossil-based systems. Such development will be supported via research and innovation on **biotechnology** and other enabling technologies, as a prerequisite and driver of future solutions for a circular economy and the bioeconomy transition, with inclusive engagement of all stakeholders, including policymakers and will increase access to finance and technical support along whole supply chains for bioeconomy projects.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-CircBio-01-7	Symbiosis in the bio-based industrial ecosystems	CSA	Around 1.50	2
HORIZON-CL6-2023-CircBio-01-8	Eco-friendly consumer products – low-toxicity/zero pollution construction bio-based materials	IA	Around 5.00	2
HORIZON-CL6-2023-CircBio-01-9	Business models that balance the share of power and profit in the bioeconomy	RIA	Around 4.00	2
HORIZON-CL6-2023-CircBio-02-3	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	Around 4.00	2

D3 – CIRCULAR ECONOMY AND BIOECONOMY SECTORS

Innovating for blue bioeconomy and biotechnology value chains

Expected impact

Enlarge potential of marine and freshwater biological resources and blue biotechnology to deliver greener (climate-neutral and circular) industrial products and processes, and to help characterize, monitor and sustain the health of aquatic ecosystems for a healthy.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-CircBio-01-11	Novel culturing of aquatic organisms for blue biotechnology applications	RIA	Around 4.00	2

D3 – CIRCULAR ECONOMY AND BIOECONOMY SECTORS

Safeguarding and sustainably innovating the multiple functions of EU forests

Expected impact

Safeguard multi-functionality and management of forests in Europe based on the three pillars of sustainability (economic, environmental and social), in particular to optimise the contribution of forests and the forest-based sector to climate change mitigation and adaptation.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
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	Around 6.00	2
HORIZON-CL6-2023-CircBio-01-13	Capturing market trends and societal perceptions for tailor-made forest services	RIA	Around 6.00	2
HORIZON-CL6-2023-CircBio-01-14	Monitoring the multi-functionality of European forests	RIA	Around 4.00	1

D4 – CLEAN ENVIRONMENT AND ZERO POLLUTION



POLICY CONTEXT

- European Green Deal
- Clean environment and zero pollution ambition..
- Bioeconomy Strategy
- Circular Economy action plan
- Farm to Fork strategy
- Soil strategy
- Marine strategy
- EU water policy



IMPACT FROM STRATEGIC PLAN

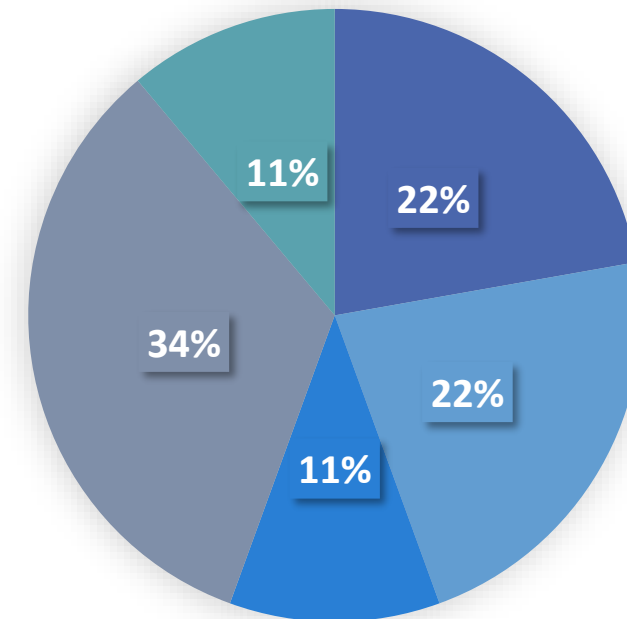
- **Sustainable and circular management and use of natural resources** as well as **prevention and removal of pollution** are mainstreamed, unlocking the potential of the bioeconomy, ensuring competitiveness and **guaranteeing healthy soil, air, fresh and marine water for all**, through better understanding of planetary boundaries and deployment of innovative technologies and other solutions, notably in primary production, forestry and bio-based systems

D4 – CLEAN ENVIRONMENT AND ZERO POLLUTION

Headings	N° of topics
Halting pollution of air, soil and water	2
Addressing pollution in seas and ocean	2
Increasing environmental performance and sustainability of processes and products	1
Increasing environmental performances and sustainability of bio-based processes and products	3
Reducing the environmental impact and pollution in food systems	1

Total number of topics: 9

N° of topics



- Halting pollution of air, soil and water
- Addressing pollution in seas and ocean
- Increasing environmental performance and sustainability of processes and products
- Increasing environmental performances and sustainability of bio-based processes and products
- Reducing the environmental impact and pollution in food systems

D4 – CLEAN ENVIRONMENT AND ZERO POLLUTION

Halting pollution of air, soil and water

Expected impact

Move towards achieving clean, unpolluted surface water and groundwater bodies in the EU and Associated Countries by advancing the understanding of diffuse and point sources of **water pollution in a global and climate change context**, enabling novel solutions to avoid degradation and restore water bodies, aquatic ecosystems and soil functionality, and further enhancing water quality and its management for safe human and ecological use, while fostering the EU's and Associated Countries' positions and roles in the global water scene.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-ZEROPOLLUTION-01-1	Knowledge and innovative solutions in agriculture for water availability and quality	RIA	Around 6.00	1
HORIZON-CL6-2023-ZEROPOLLUTION-02-1	Optimisation of manure use along the management chain to mitigate GHG emissions and minimize nutrients/contaminants dispersion in the environment	RIA	Around 7.00	1

D4 – CLEAN ENVIRONMENT AND ZERO POLLUTION

Addressing pollution in seas and ocean

Expected impact

Move towards achieving **clean, unpolluted ocean and seas**, including in the Arctic as a result of successful scientific, technological, behavioural, socio-economic, governance and green-blue transitions.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-ZEROPOLLUTION-01-2	Integrated assessment and monitoring of emerging pollutants	RIA	Around 6.25	2
HORIZON-CL6-2023-ZEROPOLLUTION-01-3	Tackling human and climate change induced pollution in the Arctic - building resilient socio-ecological systems	RIA	Around 6.00	2

D4 – CLEAN ENVIRONMENT AND ZERO POLLUTION

Increasing environmental performances and sustainability of bio-based processes and products

Expected impact

Enhance circular bio-based systems to operate within planetary boundaries, replacing fossil-based systems and their carbon footprint, mitigating climate change, restoring biodiversity and protecting air, water and soil quality along the supply chain of biological feedstocks and industrial value chains within the EU and Associated Countries and across borders.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	<u>N° of projects to be funded</u>
HORIZON-CL6-2023-ZEROPOLLUTION-01-4	Environmental sustainability and circularity criteria for industrial bio-based systems	RIA	Around 4.00	2
HORIZON-CL6-2023-ZEROPOLLUTION-01-5	Industrial biotechnology approaches for improved sustainability and output of industrial bio-based processes	IA	Around 6.00	2
HORIZON-CL6-2023-ZEROPOLLUTION-01-6	Biosensors and user-friendly diagnostic tools for environmental services	RIA	Around 4.00	2

D4 – CLEAN ENVIRONMENT AND ZERO POLLUTION

Reducing the environmental impact and pollution in food systems

Expected impact

Reduce the environmental impact of food systems, including by increasing knowledge of the environmental and climate impacts stemming from the food systems and reducing the pollution of plastic food packaging.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-ZEROPOLLUTION-01-7	Strategies to prevent and reduce plastic packaging pollution from the food system	RIA	Around 4.00	2

D4 – CLEAN ENVIRONMENT AND ZERO POLLUTION

Increasing environmental performance and sustainability of processes and products

Expected impact

Substitute harmful chemicals with **safer and more sustainable alternatives**, notably by boosting innovative biotechnology and other sustainable technologies to create zero-pollution bio-based solutions.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-ZEROPOLLUTION-02-2	Safe-and-sustainable-by-design bio-based platform chemicals, additives, materials or products as alternatives	RIA	Around 4.00	2

D5 – LAND, OCEAN AND WATER FOR CLIMATE ACTION (1)



POLICY CONTEXT

- European Green Deal
- Climate Action
- Biodiversity Strategy
- Farm to Fork Strategy
- Common Agricultural Policy
- EU Arctic Policy, All-Atlantic Ocean Research Alliance



IMPACT FROM STRATEGIC PLAN

- Climate neutrality is achieved by reducing GHG emissions, maintaining natural carbon sinks, and enhancing the sequestration and storage of carbon in ecosystems, including by unfolding the potential of nature based solutions, production systems on land and at sea as well as rural and coastal areas, where adaptations to climate change are also being fostered for enhancing resilience

D5 – LAND, OCEAN AND WATER FOR CLIMATE ACTION (1)

Expected impact

Better understand and enhance the mitigation potential of ecosystems and sectors based on the sustainable management of natural resources.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-CLIMATE-01-1	European Partnership Water Security for the Planet (Water4All)	COFUND	Around 36.00	1
HORIZON-CL6-2023-CLIMATE-01-2	Improve the reliability and effectiveness of alternative water resources supply systems and technologies	IA	Around 3.30	3
HORIZON-CL6-2023-CLIMATE-01-3	Ocean and coastal waters carbon- and biodiversity-rich ecosystems and habitats in Europe and the Polar Regions	RIA	Around 5.00	2
HORIZON-CL6-2023-CLIMATE-01-4	Demonstration network on climate-smart farming – linking research stations	RIA	Around 20.00	1

D5 – LAND, OCEAN AND WATER FOR CLIMATE ACTION (2)

Expected impact

Better understand and enhance the mitigation potential of ecosystems and sectors based on the sustainable management of natural resources

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-CLIMATE-01-5	Pilot network of climate-positive organic farms	CSA	Around 5.00	1
HORIZON-CL6-2023-CLIMATE-01-6	Analysing fossil-energy dependence in agriculture to increase resilience against input price fluctuations	RIA	Around 5.00	1
HORIZON-CL6-2023-CLIMATE-01-7	Enhancing the sustainable production of renewable energy at farm-level	RIA	Around 5.00	1
HORIZON-CL6-2023-CLIMATE-01-8	Closing the research gaps on Essential Ocean Variables (EOVs) in support of global assessments	IA	5.00 to 6.00	3

D6 – RESILIENT, INCLUSIVE, HEALTHY AND GREEN RURAL, COASTAL AND URBAN COMMUNITIES (1)



POLICY CONTEXT

- European Green Deal
- Biodiversity Strategy
- Farm to Fork Strategy
- Zero pollution ambition
- Bioeconomy Strategy
- EU long-term vision for rural areas
- Digital age & digital decade
- European pillar of social rights
- Sustainable Development Goals



IMPACT FROM STRATEGIC PLAN

- Rural, coastal and urban areas are developed in a sustainable, balanced and inclusive manner thanks to a better understanding of the environmental, socio-economic, behavioural and demographic drivers of change as well as deployment of digital, social and community-led innovations

D6 – RESILIENT, INCLUSIVE, HEALTHY AND GREEN RURAL, COASTAL AND URBAN COMMUNITIES (1)

Expected impact

Rural, coastal and urban areas are developed in a sustainable, balanced, equitable and inclusive manner thanks to a better understanding of the environmental, socio-economic, behavioural, cultural, architectural and demographic structures, needs and drivers of change and their interconnections, as well as deployment of digital, nature-based, social and community-led innovations.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-COMMUNITIES-01-1	Enhancing social inclusion in rural areas: focus on people in a vulnerable situation and social economy	RIA	Around 5.00	2
HORIZON-CL6-2023-COMMUNITIES-01-2	Improving rural future through better territorial governance and rural-urban synergies	IA	Around 5.50	2
HORIZON-CL6-2023-COMMUNITIES-01-3	International benchmarking of rural and territorial policies and delivery mechanisms	CSA	Around 3.00	1

D6 – RESILIENT, INCLUSIVE, HEALTHY AND GREEN RURAL, COASTAL AND URBAN COMMUNITIES (2)

Expected impact

Rural, coastal and urban communities are empowered to act for change, be better prepared to achieve climate-neutrality and adapt to climate change, and turn digital and green transitions into increased resilience, and positive long-term prospects.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-COMMUNITIES-01-4	Investigating the contribution of geographical indications (GIs) to sustainable development and optimising support for newly established schemes	RIA	Around 3.00	1
HORIZON-CL6-2023-COMMUNITIES-01-5	Assessing urban farming impacts	RIA	Around 5.00	1
HORIZON-CL6-2023-COMMUNITIES-01-6	Inclusive and smart ways to communicate sustainability of food	RIA	Around 6.50	1

D7 – INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL



POLICY CONTEXT

- European Green Deal
- European space programme with the Copernicus part on Earth observation, European Space Agency's (ESA) Earth observation programme
- The European digital strategy, the European strategy for data, the common agricultural policy, etc



IMPACT FROM STRATEGIC PLAN

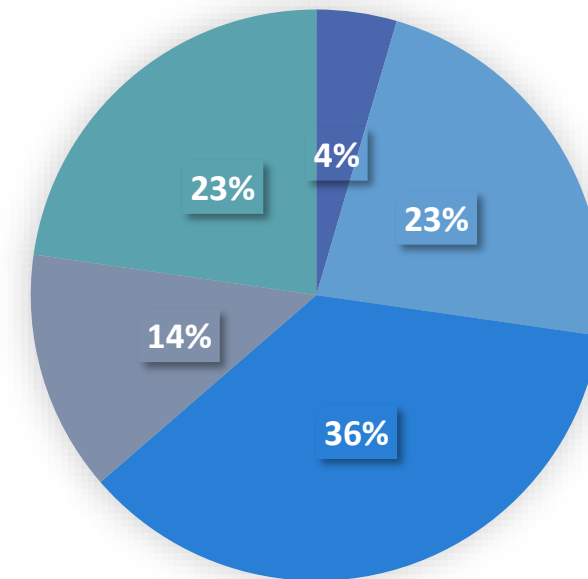
- **Innovative governance models** enabling sustainability and resilience are established and monitored through enhanced and shared use of new **knowledge**, tools, foresight, and **environmental observations** as well as **digital**, modelling and forecasting capabilities

D7 – INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL

Headings	N° of topics
Deploying and adding value to environmental observations	1
Digital and data technologies as key enablers	5
Innovating with governance models and supporting policies	8
Meteorological Organization and its affiliated bodies	3
Strengthening agricultural knowledge and innovation systems (AKIS)	5

Total number of topics: 22

N° of topics



- Deploying and adding value to environmental observations
- Digital and data technologies as key enablers
- Innovating with governance models and supporting policies
- Meteorological Organization and its affiliated bodies
- Strengthening agricultural knowledge and innovation systems (AKIS)

D7 – INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL

Innovating with governance models and supporting policies (1)

Expected impact

Innovative governance models **enabling sustainability and resilience** notably to achieve better informed decision-making processes, societal engagement and innovation.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-GOVERNANCE-01-1	European Partnership of Agriculture of Data	COFUND	Around 40.00	1
HORIZON-CL6-2023-GOVERNANCE-01-2	Advancing analytical capacity and tools to support EU agri-food policies post 2027	RIA	Around 6.00	1
HORIZON-CL6-2023-GOVERNANCE-01-3	Towards CAP post 2027: evidence on nudging farmers to leverage more sustainable practices and behaviours	RIA	Around 3.00	1
HORIZON-CL6-2023-GOVERNANCE-01-4	Developing an interdisciplinary and inclusive pan-European academic network for food system science	RIA	Around 6.00	1

D7 – INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL

Innovating with governance models and supporting policies (2)

Expected impact

Innovative governance models **enabling sustainability and resilience** notably to achieve better informed decision-making processes, societal engagement and innovation.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-GOVERNANCE-01-5	Revitalisation of European local (rural / peri-urban) communities with innovative bio-based business models and social innovation	RIA	Around 5.00	1
HORIZON-CL6-2023-GOVERNANCE-01-6	Co-creation and trust-building measures for biotechnology and bio-based innovation systems	CSA	Around 1.50	1
HORIZON-CL6-2023-GOVERNANCE-01-7	Integrated assessment of land use and biomass demands to contribute to a sustainable healthy and fair bioeconomy	RIA	Around 4.00	1
HORIZON-CL6-2023-GOVERNANCE-01-8	Mobilising BIOEAST networks for the development of national bioeconomy action programmes in support of the European Green Deal	CSA	Around 3.50	1

D7 – INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL

Deploying and adding value to environmental observations

Expected impact

European Green Deal related domains benefit from further deployment and exploitation of Environmental Observation data, products and 'green' solutions.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-GOVERNANCE-01-9	Coordination and supporting action to increase synergies in the dissemination and exploitation of climate observation by World Meteorological Organization and its affiliated bodies	CSA	Around 2.00	1

D7 – INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL

Meteorological Organization and its affiliated bodies

Expected impact

A strengthened Global Earth Observation System of Systems (GEOSS).

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-GOVERNANCE-01-10	Support to EuroGEO initiative coordination/establishing a EuroGEO secretariat	CSA	Around 2.00	1
HORIZON-CL6-2023-GOVERNANCE-01-11	Reducing observation gaps in the land-sea interface area	RIA	Around 9.00	1
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	Around 7.00	1

D7 – INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL

Digital and data technologies as key enablers (1)

Expected impact

Sustainability performance and competitiveness in the domains covered by Cluster 6 are enhanced through further **deployment of digital and data technologies** as key enablers.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	<u>N° of projects to be funded</u>
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	Around 5.00	2
HORIZON-CL6-2023-GOVERNANCE-01-14	Digital and data technologies for livestock tracking	CSA	Around 5.00	1
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	Around 5.00	1

D7 – INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL

Digital and data technologies as key enablers (2)

Expected impact

Sustainability performance and competitiveness in the domains covered by Cluster 6 are enhanced through further **deployment of digital and data technologies** as key enablers.

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	<u>N° of projects to be funded</u>
HORIZON-CL6-2023-GOVERNANCE-01-16	Digital technologies supporting plant health early detection, territory surveillance and phytosanitary measures	RIA	Around 5.00	2
HORIZON-CL6-2023-GOVERNANCE-01-17	Data-driven solutions to foster industry's contribution to inclusive and sustainable food systems	RIA	Around 4.00	2

D7 – INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL

Strengthening agricultural knowledge and innovation systems (AKIS)

Expected impact

Better informed and engaged stakeholders and end users including primary producers and consumers thanks to effective platforms such as Agriculture Knowledge and Innovation Systems (AKIS).

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
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	Around 2.00	2
HORIZON-CL6-2023-GOVERNANCE-01-19	Thematic networks to compile and share knowledge ready for practice	CSA	Around 3.00	2
HORIZON-CL6-2023-GOVERNANCE-01-20	Developing an EU advisory network on organic agriculture	CSA	Around 5.00	1

D7 – INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL

Strengthening agricultural knowledge and innovation systems (AKIS)

Expected impact

Better informed and engaged stakeholders and end users including primary producers and consumers thanks to effective platforms such as Agriculture Knowledge and Innovation Systems (AKIS).

ID Topic	Title topic	ToA	<u>EU contribution per project</u>	N° of projects to be funded
HORIZON-CL6-2023-GOVERNANCE-01-21	Developing EU advisory networks on the use of pesticides	CSA	Around 4.00	1
HORIZON-CL6-2023-GOVERNANCE-01-22	Developing EU advisory networks on the optimal fertiliser use	CSA	Around 4.00	1

GRAZIE PER L'ATTENZIONE!

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