



E U R O P E A N A L L I A N C E

Horizon Europe Pillar 2 - Cluster 6

Food, Bioeconomy, Natural Resources, Agriculture & Environment

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1. EU Green Task Force
2. EU Green and Horizon Europe CL6
3. Horizon Europe Pillar 2 Key Features
4. Work programme CL6 2024 and its 7 Destinations
5. Tips to Succeed – Practical aspects for CL6
6. EU Green Matchmaking Platform
7. Useful Links



**EU GREEN European
research offices
working together to
stimulate new
projects and to help
researchers apply
for EU funding**

OBJECTIVES

- To propose, to mutualise and to co-organise **joint info-sessions** on European calls to the EU GREEN community
- To identify **best practices** in European projects that could be upscaled inside the EU GREEN network (best practices in **pre-award** as well as **post-award** activities)
- To implement a specific **EU Green training programme** with all the partners on European opportunities
- **To explore the opportunity** to apply together to a Marie-Sklodowska Curie Actions, COST actions, Widening actions, etc.

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<https://admin.sli.do/event/tBWBHwfvSN7gakTG378gxi/polls>

**Why are we
here today?**



**1. Main Features of
Horizon Europe Pillar 2**

**2. Introduction of WP 2024
Cluster 6 Horizon Europe**

**3. Practical aspects
of CL6**

Pillar 1 Excellent Science

European Research Council

Marie Skłodowska-Curie
Actions

Research Infrastructures

Pillar 2 Global Challenges and European Industrial Competitiveness

- Clusters
- Health
 - Culture, Creativity and Inclusive Society
 - Civil Security for Society
 - Digital, Industry and Space
 - Climate, Energy and Mobility
 - Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

Pillar 3 Innovative Europe

European Innovation Council

European innovation
ecosystems

European Institute of
Innovation
and Technology

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

The Strategic Plan 2021-2024



The **strategic plan** is a novelty in Horizon Europe and sets the **Key Strategic Orientations (KSOs)** for the targeting of investments in the programme's first four years (2021-2024).

KEY STRATEGIC ORIENTATIONS

- A. PROMOTING AN OPEN STRATEGIC AUTONOMY BY LEADING THE DEVELOPMENT OF KEY DIGITAL, ENABLING AND EMERGING TECHNOLOGIES, SECTORS AND VALUE CHAINS....
- B. RESTORING EUROPE'S ECOSYSTEMS AND BIODIVERSITY, AND MANAGING SUSTAINABLY NATURAL RESOURCES.....
- C. MAKING EUROPE THE FIRST DIGITALLY ENABLED CIRCULAR, CLIMATE-NEUTRAL AND SUSTAINABLE ECONOMY.....
- D. CREATING A MORE RESILIENT, INCLUSIVE AND DEMOCRATIC EUROPEAN SOCIETY.....

The aim is to ensure an effective **interface between EU policy priorities**, and programme activities and ultimately, the research and innovation projects funded by Horizon Europe.

The Strategic Plan 2021-2024

IMPLEMENTATION STRATEGY FOR HORIZON EUROPE

THE STRATEGY

I. IMPLEMENTATION OBJECTIVES

The strategy is designed so that the implementation measures - in different ways and at different parts of the project life-cycle - reinforce and enable the main objectives of the programme itself². In particular, the strategy will be focussed on:

a) Maximising impacts, because more has to be done to boost and focus the impact of European R&I spending, and Horizon Europe has been conceived with this in mind. The programme has high level objectives that cut across the programme, pathways to impact addressed at every level, and special arrangements envisaged to implement the new high-impact schemes such as missions and the EIC;

b) Ensuring greater transparency and further simplification, by maintaining and building on the substantial improvements made under Horizon 2020, while capitalising on lessons learned, and taking advantage of modern and innovative approaches;

c) Fostering synergies with other EU spending programmes, to ensure that we can implement in practice the legal provisions built into Horizon Europe and the reciprocal arrangements in sister programmes across the Multiannual Financial Framework (MFF), capitalising also on the Commission-wide priority-setting established through strategic planning;

d) Easing access through digital transformation and outreach, to ensure that the whole implementation is designed in a joined-up and holistic way, supported by modern outreach channels and practices and robust electronic platforms and tools for engaging stakeholders along the programme life-cycle, increasing communication on data and results, and exploiting new approaches as these mature, including Artificial Intelligence (AI).

II. MAIN ORIENTATIONS

a) Maximising impacts

Starting with the way the **work programme** is conceived, there will be a **clearer specification of the expected impacts**. Unlike Horizon 2020, these **targeted impacts will be given at the level of a call, or group of topics, while expected outcomes will be set out for each topic**. These provisions will guide applicants and experts alike, and will ensure that, from the off, projects are lined up along impact pathways. Importantly, while expected impacts will be precise, topics will be **open to a range of different pathways** to achieve those impacts. These targeted impacts will further enable to define the expected feedback to policy at call or groups of topics level.

In turn, the **proposal evaluation impact criterion**, and the way applicants are guided by the **proposal template**, will refer to the work programme targeted impacts, and require the applicants to specify how their proposal could contribute to these targeted impacts. A project-specific **dissemination and exploitation plan** will be required and evaluated at proposal stage.³

As for **monitoring and reporting**, work will be **undertaken to identify appropriate indicators, methodologies and baseline values to implement the Key Impact Pathways (KIP)** to better measure scientific, societal and economic impacts of projects (including their contributions in meeting the Sustainable Development Goals), while minimising any additional burden on beneficiaries. Meanwhile new indicators will be set up to measure the nearly 30 items that require **monitoring and reporting across the programme**⁵, in areas such as monitoring of collaborative links or the level of TRLs in collaborative research. Importantly, **monitoring and reporting on European Partnerships**, including those based on Article 185 and 187, will conform to the general provisions for the 'mainstream' parts of the programme, as well as measures for the exploitation and valorisation of results.

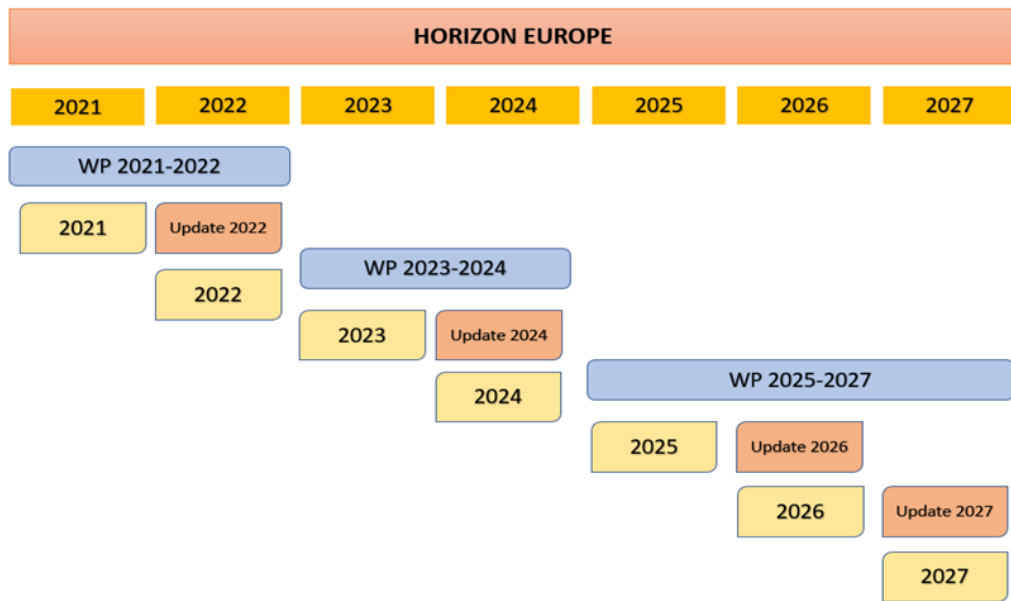
HORIZON EUROPE Pillar 2



- The Global Challenges & European Industrial Competitiveness pillar is allocated the largest budget of the Horizon Europe framework programme, with the aim of **promoting high-quality knowledge, technologies and sustainable solutions** in support of EU policies and the Sustainable Development Goals (SDGs)
- HE is implemented through **Work Programmes (WP)**
- The EC normally adopts separate WPs for each Horizon Europe thematic
- European Research Council and European Innovation Council have separate WPs, **adopted on an annual basis**

HORIZON EUROPE WPs

- WPs include **calls for proposals** broken down into **topics** and set the budget allocated to each one.
- The calls for proposals are grouped by subject areas – so-called “**destinations**”. The destinations are based on the EU’s policy priorities and the **desired impact of the EU’s funding**.



WP



Destinations

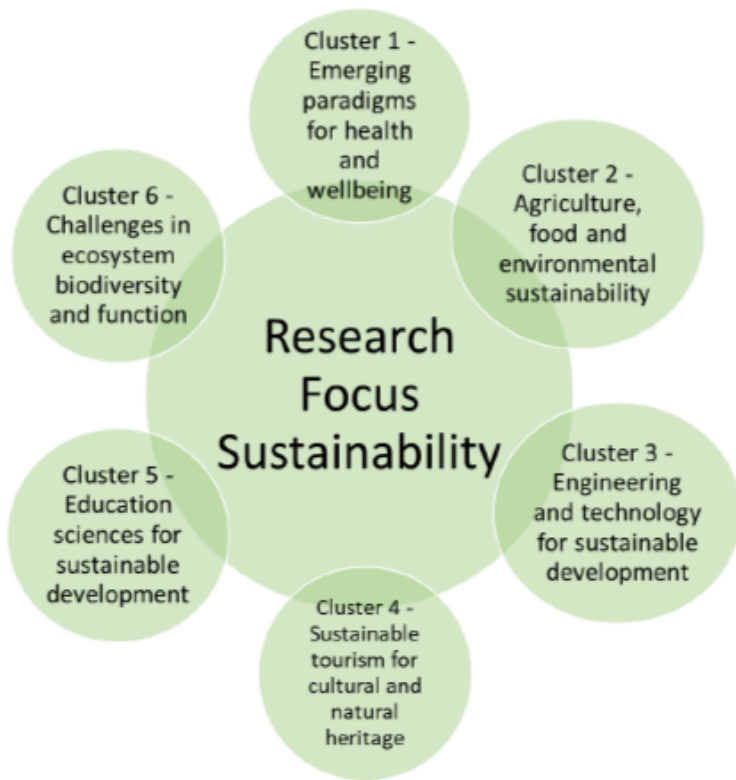


Calls



Topics

EU GREEN Clusters



- EU GREEN is a project built on sustainability that aims at developing **new learning and education models based on excellent European research**
- EU GREEN, in its initial formulation, has identified an **early research strategy** by formulating open and interacting large **macro areas of investigation** (research clusters) in the field of sustainability

New agricultural practices

Impacts on biodiversity

Architecture

Biotechnology

EU GREEN Cluster 2: Agriculture, food, and environmental sustainability

Geology

Reduction of pollutants
and waste produced
by processing industry

Economy

Reduction of pollutants
and waste produced
by agro-livestock

Agronomy

Veterinary

Quality of soil, water and atmosphere

Adaptation to climate changes

HORIZON EUROPE Pillar 2 : Key Features

TOP DOWN APPROACH

In most cases, the European Commission binds the topics on which to do R&I, identified by the calls

CROSS-SECTORAL COLLABORATION AND CROSS-BORDER

Collaboration with European Partnerships, industry participation, international cooperation for access to resources, know-how and markets also outside the EU is strengthened in order to achieve maximum impact from the implemented actions

IMPACT

Impact plays a predominant role in all Horizon Europe programmes, but in Pillar II it takes on an even more central role (especially for Innovation Actions)

HORIZON EUROPE Pillar 2 : Type of Actions

RESEARCH AND INNOVATION ACTION (RIA)

Activities aimed at establishing new knowledge and/or exploring the feasibility of a new or improved technology, product, process, etc.

Funding rate 100%

Proposal 45 pages

Lump Sum 50 pages

INNOVATION ACTION (IA)

Activities aimed at producing plans, designs or drawings for new, altered or improved products, processes or services.

Funding rate 100%

Page limit 45 pages

Lump Sum 50 pages

COORDINATION AND SUPPORT ACTION (CSA)

Activities contributing to Horizon Europe objectives, excluding R&I activities.

Funding rate 100%

Proposal 30 pages

Lump Sum 35 pages

Programme Co-fund Actions (Co-fund)

A programme of activities established or implemented by legal entities managing or funding R&I programmes, other than EU funding bodies

Funding rate between 30% and 70%

Proposal 70 pages

1 2 3 4 5 6 7 8 9

Technology Readiness Level (TRL)



HORIZON EUROPE Pillar 2 - Submission Stages

SINGLE-STAGE

- Submit a complete proposal by the call deadline.

TWO-STAGE

- Submit a summary proposal for phase 1 and, if the project is found to be promising, you will be invited to phase 2 where you will need to submit your full proposal.

MULTIPLE CUT-OFF

- Some topics are always open, so you can submit a proposal at any time. Cut-off dates mean that all proposals received by that date will be evaluated after that deadline.

HORIZON EUROPE Pillar 2 - Who is eligible for funding?



EU COUNTRIES

- Member States (MS) including their outermost regions
- The Overseas Countries and Territories (OCTs) linked to the MS.



NON-EU COUNTRIES

- Countries associated to Horizon Europe (AC)
- Low and middle income countries: See [HE Programme Guide](#).
- **Other countries** (*not automatically eligible for funding, only when announced in the call or exceptionally if their participation is **essential***)



SPECIFIC CASES

- Affiliated entities established in countries eligible for funding.
- EU bodies
- International organisations (IO):
 - International European research organisations are eligible for funding.
 - **Other IOs** (*not automatically eligible for funding, only when announced in the call or exceptionally if their participation is **essential***)  Commission |

HORIZON EUROPE Pillar 2 - Exceptional Funding

Other Non-EU countries and **international organisations** are **NOT** automatically eligible for funding from Horizon Europe (and therefore they should participate at their own cost).

They may **exceptionally** receive EU funding **only if**:

They are identified in the relevant Horizon Europe work programme as being eligible for funding.

or

The granting authority considers that their participation is deemed **essential** for implementing the action.

If participation is **NOT** deemed essential, the participant will **NOT** receive EU funding.



Horizon Europe Associated Countries

	Albania		Armenia		Bosnia and Herzegovina		Faroe Islands		Georgia
	Moldova		Montenegro		North Macedonia		Norway		Iceland
	Israel		Kosovo		Serbia		Tunisia		Turkey
			Ukraine		* UK from January 2024				

HORIZON EUROPE Pillar 2 - Who Can Apply



Any legal entity from Member States and/or HE Associated Countries, including those from third countries not associated to the HE Program or international organizations is eligible to participate, subject to any exceptions set out in the Work Program or in the specific call.



The consortium must be composed of **at least three independent legal entities**, each of which is established in a different Member State or associated country, provided that at least one of the entities is established in a Member State.



Exceptions are Coordination and Support Actions **(CSA)** for which the proposal can also be submitted **by a single legal entity** (minimum requirement), which can be established in a Member State, Associated Country or, in exceptional cases, in a third.

Type of Participants

Beneficiaries

- **Sign the grant agreement**
- Full rights and obligations
- Contribute to reach minimum eligibility requirement

Affiliated entities

- **Legal or capital link** with a beneficiary
- Participate with similar rights and obligations to the beneficiaries
- **Do not sign** the grant agreement

Associated partners

- Participate in the action
- **Do not sign** the grant agreement
- Cannot charge costs or claim contributions

Source: European Commission

Funding Scheme – Budget Based Actual Costs



Estimated Eligible Costs						
		(C) Purchase Cost			(E) Indirect Costs $25\% \times (A+C)$	(H) Total Eligible Costs $A+B+C+E$
(A) Personnel Costs	(B) Subcontract ing Costs	(C1) Travel and Subsistanc e	(C2) Equipment	(C3) Other Goods, Work & Services		

Funding Scheme – Lump Sum

- Lump sums are defined **up-front and fixed in the grant agreement**
- They are **paid upon completion** of the activities in work package
- Horizon Europe uses lump sum funding **to reduce administration and financial errors**
- Lump sums make the **programme simpler by removing the need to report actual costs**

Lump Sum Excel Budget

	A	B	C	D	E	F	G	H
1	BENEFICIARY 1 - CALCULATION SHEET		View Summary					
2			BE1 name					
3	COST CATEGORY		UNITS	COST PER UNIT	BE TOTAL COSTS			
4								
5	COSTS WORK PACKAGE 1: WP1 name							
6								
7	A. DIRECT PERSONNEL COSTS							
8	A.1 Employees (or equivalent)							
9	SENIOR SCIENTISTS (or equivalent in the private sector)							
10	JUNIOR SCIENTISTS (or equivalent in the private sector)							
11	TECHNICAL PERSONNEL (or equivalent in the private sector)							
12	ADMINISTRATIVE PERSONNEL (or equivalent in the private sector)							
13	OTHERS							
14	A.2 Natural Persons under direct contract							
15	A.3 Seconded Persons							
16	A.4 SME owners and natural person beneficiaries							
17	B. DIRECT SUBCONTRACTING COSTS							
18								
19	C. DIRECT PURCHASE COSTS							
20	C.1 Travel and subsistence							
21	C.2 Equipment (complete 'Depreciation costs' sheet)							
22	Equipment							
23	Infrastructure							
24	Other assets							
25	C.3 Other goods, works and services							
26	Consumables							
27	Services for meetings, seminars							
28	Services for dissemination activities (including website)							
29	Publication fees							
30	Other (shipment, insurance, translation, etc.)							
31	D. OTHER COST CATEGORIES							
32	D.1 Financial support to third parties (if applicable in the topic specific conditions)							
33	D.2 Internally invoiced goods and services							
34	D.3 Transnational access to research infrastructure unit costs (if mentioned as eligible in the topic specific conditions)							
35	D.4 Virtual access to research infrastructure unit costs (if mentioned as eligible in the topic specific conditions)							
36	D.5 PCP/PPI procurement costs (if mentioned as eligible in the topic specific conditions)							
37								
38	TOTAL DIRECT PERSONNEL COSTS AND PURCHASE COSTS (A+C)							
39	TOTAL DIRECT COSTS (A+B+C+D)							
40								
41	E. INDIRECT COSTS (25% * (A+C))							
42								
43	F. TOTAL COSTS (A+B+C+D+E)							
44								
45								
46	COSTS WORK PACKAGE 2: WP2 name							
47								
48	A. DIRECT PERSONNEL COSTS							
49	A.1 Employees (or equivalent)							
	Instructions	BE list	WP list	Lump sum breakdown	Person-months overview	Summary per WP	BE1	Depreciation costs
								Any comments

Excel to be submitted

Any questions so far?

CL6: From Strategic Plan to Work Programme

Strategic Plan 2021-2024

Impact 1 Climate neutrality and adaptation to climate change

Impact 2 Preservation and restoration of biodiversity and ecosystems

Impact 3 Sustainable and circular management of natural resources; tackling pollution; bioeconomy

Impact 4 Food and nutrition security for all from sustainable food systems from farm to fork

Impact 5 Balanced development of rural, coastal and urban areas

Impact 6 Innovative governance models enabling sustainability, environmental observation

Work Programmes 2021-2024

• **Destination 5:** Land, oceans and water for climate action

• **Destination 1:** Biodiversity and ecosystem services

• **Destination 3:** Circular economy and bioeconomy sectors
• **Destination 4:** Clean environment and zero pollution

• **Destination 2:** Fair, healthy and environmentally-friendly food systems from primary production to consumption

• **Destination 6:** Resilient, inclusive, healthy and green rural, coastal and urban communities

• **Destination 7:** Innovative governance, environmental observations and digital solutions in support of the Green Deal



Source: European Commission

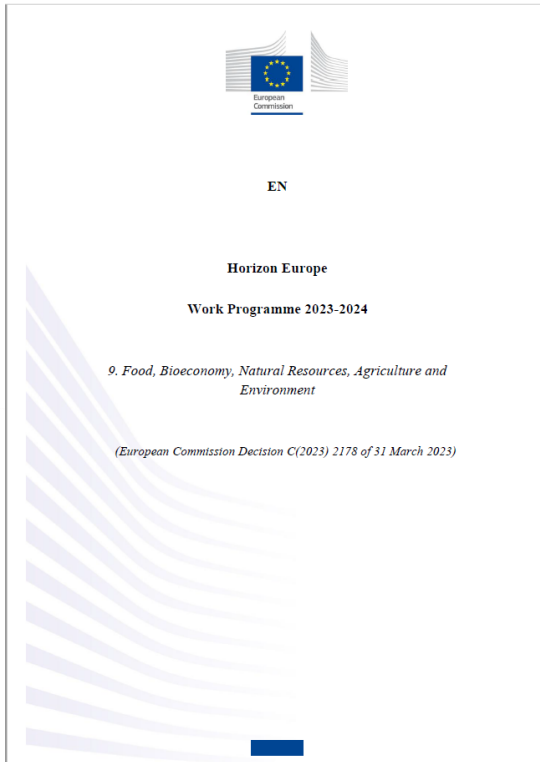
HORIZON EUROPE - WPs Key Concepts

Impacts	<p>Wider long term effects on society (including the environment), the economy and science, enabled by the outcomes of R&I investments (long term). It refers to the specific contribution of the project to the work programme expected impacts described in the destination. Impacts generally occur some time after the end of the project.</p> <p>Example: <i>The deployment of the advanced forecasting system enables each airport to increase maximum passenger capacity by 15% and passenger average throughput by 10%, leading to a 28% reduction in infrastructure expansion costs.</i></p>
Outcomes	<p>The expected effects, over the medium term, of projects supported under a given topic. The results of a project should contribute to these outcomes, fostered in particular by the dissemination and exploitation measures. This may include the uptake, diffusion, deployment, and/or use of the project's results by direct target groups. Outcomes generally occur during or shortly after the end of the project.</p> <p>Example: <i>9 European airports adopt the advanced forecasting system demonstrated during the project.</i></p>

2 levels of impact:

- **long-term**
(described in destinations)
- **medium-term**
(described in topic text)

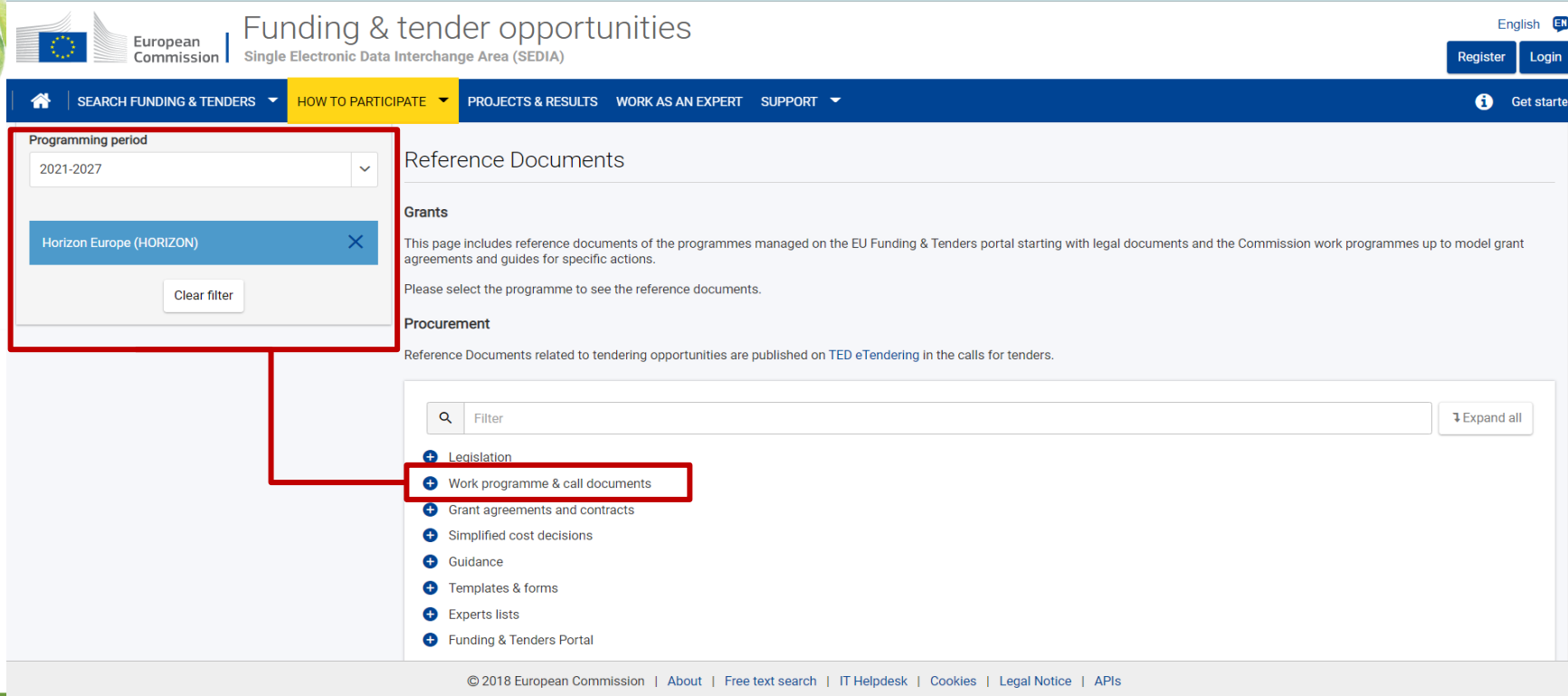
Horizon Europe CL6: Food, Bioeconomy, Natural Resources, Agriculture and Environment



- The objective of Cluster 6 of Horizon Europe is to **advance and balance Europe's environmental, social and economic** objectives by setting human economic activities on a path of sustainability
- CL6 will contribute to restoring degraded **ecosystems**, reversing the loss of **biodiversity** and associated ecosystem functions, reducing disaster risks and enhancing **climate change** mitigation and adaptation, as well as the sustainable and circular management of natural resources on **land and at sea**, including by developing nature-based solutions

Work Programmes – Where to find them

[Reference Documents \(europa.eu\)](https://europa.eu)



European Commission | Single Electronic Data Interchange Area (SEDIA)

English **EN**

Register Login

Home SEARCH FUNDING & TENDERS HOW TO PARTICIPATE PROJECTS & RESULTS WORK AS AN EXPERT SUPPORT

Get started

Programming period

2021-2027

Horizon Europe (HORIZON)

Clear filter

Reference Documents

Grants

This page includes reference documents of the programmes managed on the EU Funding & Tenders portal starting with legal documents and the Commission work programmes up to model grant agreements and guides for specific actions.

Please select the programme to see the reference documents.

Procurement

Reference Documents related to tendering opportunities are published on [TED eTendering](#) in the calls for tenders.

Filter

Expand all

- Legislation
- Work programme & call documents
- Grant agreements and contracts
- Simplified cost decisions
- Guidance
- Templates & forms
- Experts lists
- Funding & Tenders Portal

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Work Programme – Structure

Table of contents

Introduction 15

Destination – Biodiversity and ecosystem services 24

Call – Biodiversity and ecosystem services 27

Understanding and addressing the main drivers of biodiversity loss 29

HORIZON-CL6-2023-BIODIV-01-1: Better understanding of routes of exposure and toxicological and ecological impacts of chemical pollution on terrestrial biodiversity 29

HORIZON-CL6-2023-BIODIV-01-2: Impact of light and noise pollution on biodiversity 33

HORIZON-CL6-2023-BIODIV-01-3: Interdisciplinary assessment of changes affecting terrestrial and freshwater ecosystems, building on observation programmes 36

Biodiversity protection and restoration 39

HORIZON-CL6-2023-BIODIV-01-4: Nature protection: Better methods and knowledge to improve the conservation status of EU-protected species and habitats 39

HORIZON-CL6-2023-BIODIV-01-5: Understanding and reducing bycatch of protected species 42

HORIZON-CL6-2023-BIODIV-01-6: Restoration of deep-sea habitats 45

HORIZON-CL6-2023-BIODIV-01-7: Demonstration of marine and coastal infrastructures as hybrid blue-grey Nature-based Solutions 47

Mainstreaming biodiversity in society and the economy 51

HORIZON-CL6-2023-BIODIV-01-8: Addressing biodiversity decline and promoting Nature-based Solutions in higher education 51

HORIZON-CL6-2023-BIODIV-01-9: Biodiversity, economics and finance: unlocking financial flows towards reversing of biodiversity loss 54

HORIZON-CL6-2023-BIODIV-01-10: Build up of knowledge on Nature Positive Economy and supporting its scale-up 58

HORIZON-CL6-2023-BIODIV-01-11: Biodiversity loss and enhancing ecosystem services in urban and peri-urban areas 62

HORIZON-CL6-2023-BIODIV-01-12: Reinforcing science policy support with IPBES and IPCC for better interconnected biodiversity and climate policies 66

Biodiversity friendly practices in agriculture, forestry and aquaculture 69

HORIZON-CL6-2023-BIODIV-01-13: Crop wild relatives for sustainable agriculture 69

HORIZON-CL6-2023-BIODIV-01-14: Biodiversity friendly practices in agriculture –

HORIZON-CL6-2024-CIRCBIO-02

Conditions for the Call

Indicative budget(s)³⁰²

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ³⁰³	Indicative number of projects expected
		2024		

General conditions relating to this call

Deadline(s): 22 Feb	Admissibility conditions	The conditions are described in General Annex A.
HORIZON-CL6-2024-CircBio-(Eligibility conditions	The conditions are described in General Annex B.
HORIZON-CL6-2024-CircBio-(Financial and operational capacity and exclusion	The criteria are described in General Annex C.
HORIZON-CL6-2024-CircBio-(Award criteria	The criteria are described in General Annex D.
HORIZON-CL6-2024-CircBio-(Documents	The documents are described in General Annex E.
Overall indicative budget	Procedure	The procedure is described in General Annex F.
	Legal and financial set-up of the Grant Agreements	The rules are described in General Annex G.

Work Programme – Structure

HORIZON-CL6-2024-BIODIV-01-3: Dependence of society and the economy on pollinators

Specific conditions	
<i>Expected EU contribution per project</i>	The Commission estimates that an EU contribution of around EUR 6.50 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 13.00 million.
<i>Type of Action</i>	Research and Innovation Actions
<i>Eligibility conditions</i>	<p>The conditions are described in General Annex B. The following exceptions apply:</p> <p>The following additional eligibility criteria apply: the proposals must apply the multi-actor approach. See definition of the multi-actor approach in the introduction to this work programme part.</p>

Expected Outcome: In line with the European Green Deal and in particular with the objectives of the EU biodiversity strategy for 2030 and the EU pollinators' initiative, projects will contribute to mainstream **biodiversity in society and the economy**.

Project results are expected to contribute to all following expected outcomes:

- Direct and indirect dependences of our society and the economy on pollinators are better understood and quantified;

Part 9 - Page 96 of 595

*Horizon Europe - Work Programme 2023-2024
Food, Bioeconomy, Natural Resources, Agriculture and Environment*

- Monetary and non-monetary valuation of ecosystem services provided by pollinators are advanced, and used to improve ecosystem accounting;
- Tools for mainstreaming pollinator conservation into the food, health, energy, materials and land management sectors are developed, tested and promoted with public authorities, businesses and the general public;
- Risks of reversible and irreversible cascading effects in natural and modified ecosystems due to pollinator decline, and their impacts on human wellbeing, are better understood and forecasted, and integrated into models for participatory scenario planning.

Work Programmes – Structure

Scope: The importance of pollinators for humankind is common knowledge, featuring prominently outside of the scientific realm in popular culture and arts. Yet, even well-known benefits provided by pollinators such as crop pollination are still inadequately understood. Other benefits remain for the most part obscure, and thus unacknowledged, due to the lack of research targeting the complexity of pollinator niches and plant-pollinator networks. Amid the dramatic decline of pollinating species in Europe, these gaps hinder understanding of the character and full magnitude of threats to human wellbeing. Moreover, the gaps hinder mainstreaming of the conservation of pollinators, and more broadly biodiversity, in the public and private sector and thereby impede an effective societal response. This topic aims to address fundamental knowledge gaps in functional roles of pollinators in natural (natural plant-pollinators networks) and human-modified ecosystems (e.g. agro-ecosystem), and building on that i) advance research on far reaching consequences of their decline and scenario planning and ii) develop and disseminate tools that enable systematic mainstreaming in key sectors.

The proposed projects should build on the Assessment Report on Pollinators, Pollination and Food Production of IPBES¹⁰¹, the first ever EU-wide Ecosystem Assessment 2020¹⁰², the INCA project¹⁰³, the European Red List assessments¹⁰⁴, and knowledge and experience gained through past projects supported under the EU Framework Programme for Research and Innovation¹⁰⁵. Furthermore, the projects should liaise with relevant ongoing projects under Horizon Europe¹⁰⁶ and EU funded monitoring initiatives¹⁰⁷.

The proposals should show how their results would contribute to the EU policies, as well as to the global sustainable development agenda (UN Sustainable development Goals).

Proposals should include specific tasks and envisage sufficient resources to develop joint deliverables (e.g., activities, workshops, as well as joint communication and dissemination) with all projects funded under this topic and to facilitate cooperation with the European

For the implementation of the eligibility condition on the 'multi-actor approach', proposals should ensure adequate involvement of researchers, farmers and other land managers, businesses involved in the food, medicine, energy and/or materials sectors, decision-makers at local and/or regional level, civil society organisations and other relevant actors.

Successful proposals should:

- Investigate essential functional roles of pollinators in natural and human-modified ecosystems, and associated ecosystem services. This should encompass ecosystem services underpinned by pollinators both directly and indirectly;
- Fill knowledge gaps on animal pollination ecology (what pollinates what, how much, where and when) and investigate the full spectrum of animals that pollinate wild and cultivated plants in Europe, going beyond the well-known insects (bees, hoverflies, butterflies, moths). The structure and functionality of plant-pollinator networks should be analysed. The research scope should include the European continent as well as EU overseas territories;
- Build a platform that will serve one-stop shop for information on animal pollination ecology. A database with systematised information on plant-pollinator interactions, including the spatial dimension of plant-pollinator networks, should be part of the platform. The platform should build on what already exists and should be devised in close collaboration with researchers and other potential users. Options to integrate this deliverable into the already existing platforms should be explored, with a view to ensure its long-term viability;
- Assess the dependency of society and the economy on ecosystem services underpinned directly and indirectly by pollinators, quantify and map the risks associated with pollinator decline. Monetary and non-monetary valuation of those ecosystem services should be advanced, including their tangible and less tangible elements, and utilised to improve ecosystem accounts and scale up their use in the public and private sector;
- Investigate biomass supply chains dependent on pollinators, build tools for businesses to assess their vulnerability to pollinator decline and improve guidelines on how they can help to reverse the decline and thereby mitigate future risks. This should in particular cover the food (including production of plants with mandatory cross-pollination), medicine, energy and materials sectors;

CL6: Opening Dates and Deadlines

17 October 2023 is the opening date of all calls

Deadlines	Call(s)
21 February 2024	ZEROPOLLUTION-02 (1 st stage)
22 February 2024	BIODIV-01, BIODIV-02 (1 st stage), FARM2FORK-01, FARM2FORK-02 (1 st stage), CIRCBIO-01, CIRCBIO-02 (1 st stage), ZEROPOLLUTION-01, CLIMATE-01, COMMUNITIES-01 and COMMUNITIES-02 (1 st stage)
28 February 2024	GOVERNANCE-01
17 September 2024	BIODIV-02 (2 nd stage), FARM2FORK-02 (2 nd stage), CIRCBIO-02 (2 nd stage), ZEROPOLLUTION-02 (2 nd stage) and COMMUNITIES-02 (2 nd stage)

75 topics
now open!

N. Projects expected to be funded

134

Destinations 1- Biodiversity and ecosystem services



POLICY CONTEXT

- European Green Deal
- EU biodiversity strategy for 2030
- EU Farm to Fork strategy
- Proposal for a nature restoration law
- Habitats and Birds Directives
- EU forest strategy and EU soil strategy for 2030
- Zero Pollution Action Plan
- EU climate adaptation strategy
- IPBES/IPCC



EXPECTED IMPACT (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 sea through improved knowledge and innovation



IMPACT AREAS (STRATEGIC PLAN)

- Enhancing ecosystems and biodiversity on land and in water
- Climate neutrality and adaptation to climate change
- Good health and high-quality accessible healthcare
- Clean and healthy air, water and soil
- A resilient EU prepared for emerging threats
- Sustainable food systems from farm to fork on land and sea

Destinations 1- Biodiversity and ecosystem services



Understanding and addressing the main drivers of biodiversity loss

1 topic



Biodiversity protection and restoration

1 topic



Mainstreaming biodiversity in society and economy

5 topics



Biodiversity friendly practices in agriculture, forestry and aquaculture

5 topics



Expected impacts

- Direct drivers of biodiversity decline will be understood and addressed
- Protected areas and their networks will be planned, managed and expanded and the status of species and habitats will be improved
- Biodiversity, ecosystem services and natural capital will be mainstreamed in the society and economy
- Practices in agriculture, forestry, fisheries and aquaculture will be developed and improved
- Biodiversity research and support policies and processes will be interconnected
- Biodiversity and health nexus will be understood (especially at the level of ecosystems)

Destination 1 – Calls

Sigle stage

Conditions for the Call

Indicative budget(s)⁹⁸

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ⁹⁹	Indicative number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024				
HORIZON-CL6-2024-BIODIV-01-1	IA	12.00	Around 6.00	2
HORIZON-CL6-2024-BIODIV-01-2	IA	16.00	Around 8.00	2
HORIZON-CL6-2024-BIODIV-01-3	RIA	13.00	Around 6.50	2
HORIZON-CL6-2024-BIODIV-01-4	RIA	5.00	Around 5.00	1
HORIZON-CL6-2024-BIODIV-01-5	RIA	4.00	Around 2.00	2
HORIZON-CL6-2024-BIODIV-01-6	RIA	6.00	Around 6.00	1
HORIZON-CL6-2024-BIODIV-01-7	RIA	5.00	Around 5.00	1
HORIZON-CL6-2024-BIODIV-01-8	RIA	12.00	Around 6.00	2
HORIZON-CL6-2024-BIODIV-01-9	RIA	3.00	Around 3.00	1
Overall indicative budget		76.00		

Two stage

Conditions for the Call

Indicative budget(s)¹²⁰

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ¹²¹	Indicative number of projects expected to be funded
		2024		
Opening: 17 Oct 2023				
Deadline(s): 22 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)				
HORIZON-CL6-2024-BIODIV-02-1-two-stage	IA	16.00	Around 8.00	2
HORIZON-CL6-2024-BIODIV-02-2-two-stage	IA	10.00	Around 5.00	2
HORIZON-CL6-2024-BIODIV-02-3-two-stage	RIA	10.00	Around 5.00	2
Overall indicative budget		36.00		

Destination 2: Fair, healthy and environment-friendly food systems from primary production to consumption



POLICY CONTEXT

- European Green Deal
- Farm to Fork Strategy
- Common Agricultural Policy
- Common Fishery 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**



IMPACT AREAS

- Sustainable food systems from farm to fork on land and sea
- Climate change mitigation and adaptation
- Enhancing ecosystems and biodiversity on land and in water
- Good health and high-quality accessible healthcare
- Clean and healthy air, water and soil
- A resilient EU prepared for emerging threats
- Inclusive growth and new job opportunities

Destination 2: Fair, healthy and environment-friendly food systems from primary production to consumption



Enabling sustainable farming systems

6 topics



Enabling sustainable fisheries and aquaculture

2 topic



Transforming food systems for health, sustainability and inclusion

8 topics



Targeted international cooperation

2 topics



Expected impacts

- **Sustainable, productive, climate-neutral and resilient farming systems** providing consumers with affordable, safe, traceable healthy and sustainable food, while minimising pressure on ecosystems, restoring and enhancing biodiversity, improving public health and generating fair economic returns for farmers;
- **Sustainable fisheries and aquaculture** increasing aquatic biomass production, diversification and consumption of seafood products for fair, healthy, climate-resilient and environment-friendly food systems with low impact on aquatic ecosystems and high animal welfare; and
- **Sustainable, healthy and inclusive food systems** delivering co-benefits for climate mitigation and adaptation, environmental sustainability and circularity, sustainable healthy nutrition, safe food consumption, food poverty reduction, the inclusion of marginalised people, the empowerment of communities, and flourishing businesses)

Destination 2 - Calls

Sigle stage

Indicative budget(s)¹⁸⁰

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ¹⁸¹	Indicative number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024				
HORIZON-CL6-2024-FARM2FORK-01-1	RIA	5.00	Around 5.00	1
HORIZON-CL6-2024-FARM2FORK-01-10	RIA	18.00	Around 6.00	3
HORIZON-CL6-2024-FARM2FORK-01-11	RIA	9.00	Around 4.50	2
HORIZON-CL6-2024-FARM2FORK-01-2	RIA	10.00	Around 5.00	2
HORIZON-CL6-2024-FARM2FORK-01-3	CSA	2.00	Around 2.00	1
HORIZON-CL6-2024-FARM2FORK-01-4	RIA	8.00	Around 4.00	2
HORIZON-CL6-2024-FARM2FORK-01-5	IA	6.00	Around 3.00	2
HORIZON-CL6-2024-FARM2FORK-01-6	RIA	10.00	Around 5.00	2
HORIZON-CL6-2024-FARM2FORK-01-7	RIA	9.00	Around 4.50	2
HORIZON-CL6-2024-FARM2FORK-01-8	RIA	9.00	Around 4.50	2
HORIZON-CL6-2024-FARM2FORK-01-9	IA	9.00	Around 4.50	2
Overall indicative budget		95.00		

Two stages

Conditions for the Call

Indicative budget(s)²⁰³

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution	Indicative number of
		2024	per project (EUR million) ²⁰⁴	projects expected to be funded
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)				
HORIZON-CL6-2024-FARM2FORK-02-1-two-stage	IA	12.00	Around 6.00	2
HORIZON-CL6-2024-FARM2FORK-02-2-two-stage	IA	11.00	Around 5.50	2
HORIZON-CL6-2024-FARM2FORK-02-3-two-stage	IA	8.00	Around 4.00	2
HORIZON-CL6-2024-FARM2FORK-02-4-two-stage	RIA	13.00	Around 6.50	2
HORIZON-CL6-2024-FARM2FORK-02-5-two-stage	RIA	7.00	Around 7.00	1
HORIZON-CL6-2024-FARM2FORK-02-6-two-stage	IA	9.00	Around 4.50	2
HORIZON-CL6-2024-FARM2FORK-02-7-two-stage	IA	9.00	Around 4.50	2
Overall indicative budget		69.00		

Destination 3: 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**



IMPACT AREAS

- Climate change mitigation and adaptation
- Enhancing ecosystems and biodiversity on land and in water
- A resilient EU prepared for emerging threats
- Inclusive growth and new job opportunities
- Industrial leadership in key and emerging technologies that work for people

Destination 3: Circular economy and bioeconomy sectors

Expected impacts



- **Regional, rural, local/urban and consumer-based transitions** towards a sustainable, regenerative, inclusive and just circular economy and bioeconomy across all regions of Europe based on enhanced knowledge and understanding of science;
- **European industrial sustainability, competitiveness and resource independence** by lowering the use of primary non-renewable raw materials and reducing greenhouse gas emissions and other negative environmental footprint;
- **Innovative and sustainable bio-based value-chains**, replacing fossil-based value chains and increasing circular bio-based systems from sustainably sourced biological resources
- **Improved consumer and citizen benefits;**
- **Multi-functionality and management of forests** in Europe based on the three pillars of sustainability (economic, environmental and social);
- **Enlarged potential of marine and freshwater biological resources and blue biotechnology** to deliver greener (climate-neutral circular) industrial products and processes, and to help characterise, monitor and sustain the health of aquatic ecosystems for a healthy planet and people.

Destination 3: Calls

Conditions for the Call

Sigle stage

Indicative budget(s)²⁸⁴

Topics	Type of	Budgets (EUR)	Expected EU contribution per	Indicative number
	Action	million) 2024	project (EUR million) ²⁸⁵	of projects expected to be funded
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024				
HORIZON-CL6-2024-CircBio-01-1	CSA	6.00	Around 6.00	1
HORIZON-CL6-2024-CircBio-01-10	RIA	9.00	Around 4.50	2
HORIZON-CL6-2024-CircBio-01-2	IA	14.00	Around 7.00	2
HORIZON-CL6-2024-CircBio-01-3	IA	10.00	Around 5.00	2
HORIZON-CL6-2024-CircBio-01-4	IA	10.00	Around 5.00	2
HORIZON-CL6-2024-CircBio-01-5	RIA	8.00	Around 4.00	2
HORIZON-CL6-2024-CircBio-01-6	RIA	6.00	Around 3.00	2
HORIZON-CL6-2024-CircBio-01-7	IA	6.00	Around 6.00	1
HORIZON-CL6-2024-CircBio-01-8	CSA	3.00	Around 3.00	1
HORIZON-CL6-2024-CircBio-01-9	CSA	2.50	Around 0.80	3
Overall indicative budget		74.50		

Two stages

Conditions for the Call

Indicative budget(s)³⁰²

Topics	Type of Action	Budgets (EUR million) 2024	Expected EU contribution per project (EUR million) ³⁰³	Indicative number of projects expected to be funded
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)				
HORIZON-CL6-2024-CircBio-02-1-two-stage	RIA	15.00	Around 5.00	3
HORIZON-CL6-2024-CircBio-02-2-two-stage	IA	10.00	Around 5.00	2
HORIZON-CL6-2024-CircBio-02-3-two-stage	IA	10.00	Around 5.00	2
HORIZON-CL6-2024-CircBio-02-4-two-stage	IA	15.00	Around 5.00	3
HORIZON-CL6-2024-CircBio-02-5-two-stage	RIA	8.00	Around 4.00	2
HORIZON-CL6-2024-CircBio-02-6-two-stage	IA	15.00	Around 5.00	3
Overall indicative budget		73.00		

Destination 4: Clean environment and zero pollution



POLICY CONTEXT

- European Green Deal
- Zero pollution action plan
- Bioeconomy strategy
- Circular economy action plan
- Farm to fork strategy
- Soil strategy
- Marine Strategy Framework Directive
- EU water policy
- EU Missions: Soil, Ocean & Waters



EXPECTED IMPACT (STRATEGIC PLAN)

Sustainable and circular management and use of natural resources as well as **prevention and removal of pollution** are mainstreamed, unlocking the bioeconomy's potential, ensuring competitiveness and **guaranteeing healthy soil, air, and fresh and marine water for all**, through

- i) better understanding of planetary boundaries and
- ii) deploying innovative technologies and other solutions, notably in primary production, forestry and bio-based systems



IMPACT AREAS (STRATEGIC PLAN)

- Climate change mitigation and adaptation
- Enhancing ecosystems and biodiversity on land and in water
- Good health and high-quality accessible healthcare
- **Clean and healthy air, water and soil**
- A resilient EU prepared for emerging threats
- Inclusive growth and new job opportunities
- Circular and clean economy
- Sustainable food systems from farm to fork on land and sea

Destination 4: Clean environment and zero pollution

Expected impacts



Halting pollution of air, soil and water

2 topics



Protecting drinking water and managing urban water pollution

1 topic



Increasing environmental performances of bio-based processes

1 topic



Reducing the environmental impact and pollution of food systems

1 topic



- Move towards achieving clean, unpolluted surface water and groundwater bodies 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 improve the quality and management of water for safe human and ecological use.
- **Move towards clean, unpolluted oceans and seas**, including in the Arctic, by means of successful scientific technological, behavioural, social-economic, demographic, governance and green-blue transitions.
- **Strengthen 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 supply chain of biological feedstocks and industrial value chains.
- **Substitute harmful chemicals** for safer and more sustainable alternatives, notably by boosting innovative biotechnology and other sustainable technologies to create zero-pollution bio-based solutions.
- **Reduce the environmental impact of food systems**, e.g., by increasing knowledge of environmental and climate impacts from food systems and reducing pollution from plastic food packaging

Destination 4: Calls

Single stage

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ³³²	Indicative number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024				
HORIZON-CL6-2024-ZEROPOLLUTION-01-1	IA	27.00	Around 9.00	3
HORIZON-CL6-2024-ZEROPOLLUTION-01-2	CSA	4.00	Around 2.00	2
HORIZON-CL6-2024-ZEROPOLLUTION-01-3	RIA	7.00	Around 7.00	1
Overall indicative budget		38.00		

Two stages

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ³⁴³	Indicative number of projects expected to be funded
		2024		
Opening: 17 Oct 2023				
Deadline(s): 21 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)				
HORIZON-CL6-2024-ZEROPOLLUTION-02-1-two-stage	IA	15.00	Around 5.00	3
HORIZON-CL6-2024-ZEROPOLLUTION-02-2-two-stage	RIA	8.00	Around 4.00	2
Overall indicative budget		23.00		

Destination 5: Land, ocean and water for climate action



POLICY CONTEXT

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



IMPACT AREAS

- *Climate change mitigation and adaptation*
- *Enhancing ecosystems and biodiversity on land and in water*
- *Clean and healthy air, water and soil*
- *Sustainable food systems from farm to fork on land and sea*
- *A resilient EU prepared for emerging threats*
- *A secure and open EU society*
- *Inclusive growth and new job opportunities*

Destination 5: Land, ocean and water for climate action

EXPECTED IMPACTS

This call is not divided into «Headings». It includes 7 topics on:

- Improving irrigation practices and technologies in agriculture
- Socio-economic, climate and environmental aspects of paludiculture
- Paludiculture: large-scale demonstrations
- Land use change and local / regional climate
- Climate-smart use of wood in the construction sector to support the New European Bauhaus
- Ocean models for seasonal to decadal regional climate impacts and feedbacks
- EU-China international cooperation on improving monitoring for better integrated climate and biodiversity approaches, using environmental and Earth observation



- Better understanding and enhancing the **mitigation potential of ecosystems and sectors** based on the sustainable management of natural resources;
- Advanced understanding and science to support **adaptation and resilience** of natural and managed ecosystems, water and soil systems and economic sectors in the context of the changing climate;
- Efficient monitoring, assessment and projections related to climate change impacts, **mitigation and adaptation potential** in order to bring out solutions for tackling **emerging threats** and support decision-making in climate change mitigation and adaptation policies at European and global levels;
- Fostered **climate change mitigation in the primary sector**, including by the **reduction of GHG emissions**, maintenance of natural carbon sinks and enhancement of sequestration and storage of carbon in ecosystems;
- Improved **adaptive capacity of water and soil systems** and sectors including by unlocking the potential of nature based solutions;
- Better managed scarce resources, in particular soils and water, thus **mitigating climate related risks, in particular desertification and erosion**, thanks to informed decision-makers and stakeholders and integration of adaptation measures in relevant EU policies.

Destination 5: Call

Sigle stage

Conditions for the Call

Indicative budget(s)³⁶⁶

Topics	Type of	Budgets (EUR)	Expected EU contribution per	Indicative number
	Action	million)	project (EUR million) ³⁶⁷	of projects expected to be funded
		2024		
Opening: 17 Oct 2023				
Deadline(s): 22 Feb 2024				
HORIZON-CL6-2024-CLIMATE-01-1	IA	10.00	Around 5.00	2
HORIZON-CL6-2024-CLIMATE-01-2	RIA	5.00	Around 5.00	1
HORIZON-CL6-2024-CLIMATE-01-3	IA	20.00	Around 10.00	2
HORIZON-CL6-2024-CLIMATE-01-4	RIA	12.00	Around 6.00	2
HORIZON-CL6-2024-CLIMATE-01-5	RIA	14.00	Around 7.00	2
HORIZON-CL6-2024-CLIMATE-01-6	RIA	9.00	Around 4.50	2
HORIZON-CL6-2024-CLIMATE-01-7	RIA	5.00	Around 5.00	1
Overall indicative budget		75.00		

Destination 6: Resilient, inclusive, healthy and green rural, coastal and urban communities



POLICY CONTEXT

- European Green Deal
- Farm To Fork Strategy
- Biodiversity strategy
- Organic Action Plan
- EU climate adaptation strategy
- Common Agricultural Policy
- EU social economy action plan
- Long-term vision for EU's rural areas
- EU Territorial Agenda 2030



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**



IMPACT AREAS

- Climate change mitigation and adaptation
- Enhancing ecosystems and biodiversity on land and in water
- Sustainable food systems from farm to fork
- Good health and high-quality accessible healthcare
- A resilient EU prepared for emerging threats
- A competitive and secure data-economy
- Inclusive growth and new job opportunities

Destination 6: Resilient, inclusive, healthy and green rural, coastal and urban communities

The 2024 Calls includes 5 topics:

HORIZON-CL6-2024-COMMUNITIES-01

1. Unlock the potential of the New European Bauhaus in urban food system transformation
2. Societal perceptions and benefits of rural life and jobs: will COVID 19 generate a long-lasting shift?
3. Participation and empowerment of Arctic coastal, local, and indigenous communities in environmental decision-making

HORIZON-CL6-2024-COMMUNITIES-02-two-stage

4. Innovating for climate-neutral rural communities by 2050
5. New sustainable business and production models for farmers and rural communities



EXPECTED IMPACTS

- **Rural, coastal and urban areas** are developed in a sustainable, balanced, equitable and inclusive manner.
- **Rural, coastal and urban communities** are empowered to act for change, be better prepared to achieve climate neutrality and adapt to climate change, and use the digital and green transitions to increase resilience and provide positive long-term prospects.
- **Rural communities** are equipped with upgraded **innovation ecosystems and innovative and smarter circular solutions** that increase access to services and job opportunities, increase their attractiveness and reduce the feeling of being left behind.
- **Sustainable development of coastal areas**, including coastal protection and resilience, is enhanced, reaping the benefits of social, digital and community-led innovations.
- **Urban and peri-urban communities** – including people in vulnerable situations – can access, afford and choose healthy, nutritious and environmental-friendly food.

Destination 6: Calls

Sigle stage

Conditions for the Call

Indicative budget(s)³⁹⁶

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ³⁹⁷	Indicative number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024				
HORIZON-CL6-2024-COMMUNITIES-01-1	IA	6.00	Around 3.00	2
HORIZON-CL6-2024-COMMUNITIES-01-2	RIA	6.00	Around 6.00	1
HORIZON-CL6-2024-COMMUNITIES-01-3	RIA	3.00	Around 3.00	1
Overall indicative budget		15.00		

Two stages

Conditions for the Call

Indicative budget(s)⁴⁰⁸

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ⁴⁰⁹	Indicative number of projects expected to be funded
		2024		
Opening: 17 Oct 2023				
Deadline(s): 22 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)				
HORIZON-CL6-2024-COMMUNITIES-02-1-two-stage	IA	10.00	Around 5.00	2
HORIZON-CL6-2024-COMMUNITIES-02-2-two-stage	RIA	12.00	Around 6.00	2
Overall indicative budget		22.00		

Destination 7: Innovative governance, environmental observations and digital solutions in support of the Green Deal



POLICY CONTEXT

- European Green Deal
- Farm to Fork, 2030 Biodiversity Strategy
- Common Agricultural Policy, Sustainable Pesticide Use, Fertilisers, Food Security communication
- European space programme with the Copernicus part on Earth observation, European Space Agency's (ESA) Earth observation programme
- European Digital Strategy, European Strategy for Data
- EU Bioeconomy Strategy



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



IMPACT AREAS

- Sustainable food systems from farm to fork on land and sea
- High quality digital services for all
- A competitive and secure data-economy
- Climate change mitigation and adaptation
- Clean and healthy air, water and soil
- Enhancing ecosystems and biodiversity on land and in water

Destination 7: Innovative governance, environmental observations and digital solutions in support of the Green Deal

EXPECTED IMPACTS



Innovating with governance models and supporting policies

3 topics



Deploying and adding value to Environmental Observations

2 topic



Digital and data technologies as key enablers

1 topic



Strengthening agricultural knowledge and innovation systems

6 topics



- **Innovative governance models** enabling sustainability and resilience notably to achieve better informed decision making processes, societal engagement and innovation
- Areas related to the European Green Deal benefit from further **deployment and exploitation of Environmental Observation data**, products and “green” solutions
- A strengthened Global Earth Observation System of Systems (**GEOSS**)
- Sustainability performance and competitiveness in the areas covered by Cluster 6 are improved through further deployment of **digital and data technologies as key enablers**
- **Stakeholders and end users including primary producers and consumers** are better informed and engaged thanks to effective platforms such as Agriculture Knowledge and Innovation Systems (AKIS);
- **Strengthened EU and international science-policy** interfaces to achieve the Sustainable Development Goals

Destination 7: Call

Topics Single stage	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ⁵⁰⁶	Indicative number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 28 Feb 2024				
HORIZON-CL6-2024-GOVERNANCE-01-1	COFUND	60.00	Around 60.00	1
HORIZON-CL6-2024-GOVERNANCE-01-10	CSA	4.00	Around 4.00	1
HORIZON-CL6-2024-GOVERNANCE-01-11	CSA	3.00	Around 3.00	1
HORIZON-CL6-2024-GOVERNANCE-01-12	CSA	4.00	Around 4.00	1
HORIZON-CL6-2024-GOVERNANCE-01-13	CSA	4.00	Around 4.00	1
HORIZON-CL6-2024-GOVERNANCE-01-2	CSA	3.50	Around 3.50	1
HORIZON-CL6-2024-GOVERNANCE-01-3	CSA	3.00	Around 3.00	1
HORIZON-CL6-2024-GOVERNANCE-01-5	PCP	19.00	Around 19.00	1

HORIZON-CL6-2024-GOVERNANCE-01-6	RIA	8.00	Around 4.00	2
HORIZON-CL6-2024-GOVERNANCE-01-7	RIA	15.00	Around 5.00	3
HORIZON-CL6-2024-GOVERNANCE-01-8	CSA	4.00	Around 2.00	2
HORIZON-CL6-2024-GOVERNANCE-01-9	CSA	6.00	Around 3.00	2
Overall indicative budget		133.50		

HORIZON-CL6-2024-FARM2FORK-02-2-two-stage: Sustainable organic food innovation labs: reinforcing the entire value chain



TYPE of ACTION

IA – Innovation Action



BUDGET

Total: €11MIL

Project : €5.5MIL

Funding rate 100%

Action Grant Budget-Based



DEADLINE

Opening: 17 Oct 2023

Deadline(s): 22 Feb 2024 (First Stage)
17 Sep 2024 (Second Stage)

Proposal
10 pages

Full proposal

Specific Topic conditions:

- Activities are expected to achieve TRL 6-8 by the end of the project
- This topic is part of the **blind evaluation pilot** under which first stage proposals will be evaluated blindly

[Go to the
call](#)



HORIZON-CL6-2024-FARM2FORK-02-2-two-stage: Sustainable organic food innovation labs: reinforcing the entire value chain

Expected OUTCOME

Project results are expected to contribute to all of the following expected outcomes:

- Reinforced **local and small-volume** processing of organic food;
- Boosted **innovative sustainable packaging solutions** resulting in reduced waste (in particular of non-renewable and fossil derived plastics);
- Fostered **innovative supply and distribution models** and short trade circuits;
- Added value to **organic agricultural products**, improved organic **farmers' incomes** and their positioning in agri-food value chains;
- Enhanced **market orientation and capacity of organic farmers and small and medium scale processors** to meet consumer demand for sustainable and healthy diets based on organic food;
- **Increased availability, affordability and accessibility** of organic food with positive impacts on sustainability, including on biodiversity, on climate, ecosystems services and public health.

HORIZON-CL6-2024-FARM2FORK-02-2-two-stage: Sustainable organic food innovation labs: reinforcing the entire value chain

Scope

Organic farming has developed mainly at the primary production level, while **the processing of organic farm products is less developed and regulated**. Besides, the organic sector is characterised by its scattered nature, with imbalances in the food value chains limiting the bargaining power of organic farmers and producers still having access to a limited number of processors and retailers. Therefore, **investing in innovative careful processing techniques and sustainable and reusable packaging**, streamlining the distribution and logistics of organic produce and agricultural input networks, and achieving a better understanding of quality and safety issues in organic supply chains, in combination with regulations, is important for creating **new value for consumers**.

This will enable **small organic producers**, in particular those located in remote areas, to find an outlet for their production and benefit from the added value of their organic certification. However, operators are often reluctant to convert to organics **due to the lack of organised and efficient organic commercial supply chains**.

In addition to the cross-cutting problems faced by agri-food supply chains, organic distribution can entail high operating costs and an imbalance between supply and demand. Exchanging experience and knowledge can encourage the **creation of local food markets and short supply chains**, and uphold the integrity of the organic quality of the product.

HORIZON-CL6-2024-FARM2FORK-02-2-two-stage: Sustainable organic food innovation labs: reinforcing the entire value chain

Proposals should establish and animate locally-driven, multi-actor organic food innovation hubs, bringing together researchers, innovators, farmers, processors and others, to:

- **Develop, test and pilot innovations in organic small-scale food processing**, in particular careful processing, and new, sustainable and reusable packaging (avoiding non-renewable and fossil-derived plastics), optimising the preservation of nutritional quality, reducing perishability and ensuring food safety;
- Foster diverse innovative solutions/approaches that are tailored to the **needs of farmers and SMEs**, while ensuring links between food processing and primary production, and adapted to the seasonal character of raw material production and processing in small(er) batches;
- Develop and explore innovative supply and distribution models (**including business models, market outlets and marketing strategies, short trade circuits, public procurement, food services**), that are adapted to proposed innovative solutions;
- **Assess the impacts of the innovative solutions on sustainability** (climate, environmental, social, including health, and economic);
- Build a community of **practice to share learnings**, build capacity and support adoption of innovations at scale.

HORIZON-CL6-2024-FARM2FORK-02-2-two-stage: Sustainable organic food innovation labs: reinforcing the entire value chain

Proposals should **cover a range of crops (indoor and outdoor)**, both arable and perennial, representative of the organic sector in Europe, as well as the organic livestock sector.

Projects must use the **'multi-actor approach'**, ensuring adequate involvement of all relevant actors, including farmers and SMEs. Proposals may build on existing research infrastructures, where relevant.

Proposals are encouraged to **build on past and ongoing EU-funded research and innovation projects**, and are strongly encouraged to cluster with ongoing and upcoming projects.

Proposals should **include a dedicated task, appropriate resources and a plan on how they will collaborate with other projects funded under this topic**, and ensure synergy with relevant activities carried out under other initiatives in Horizon Europe, in particular the topic in this Work Programme HORIZON-CL6-2023-GOVERNANCE-01-20: Developing an EU advisory network on organic agriculture' and the future partnerships 'Accelerating farming systems transition: agroecology living labs and research infrastructures' and 'Sustainable food systems for people, planet and climate'.

Tips to Success: Multi Actor Approach (MAA)

Excellence: Multi-Actor Approach (MAA)

Eligibility
Criterion

- **Eligibility criterion** and an integral part of the topic text.
- Applies to 56% of 2024 CL6 topics.
- Makes R&I outcomes more **demand-driven**, reliable and **relevant to society**.
- **Genuine and sufficient involvement of a targeted array of actors** (i.e. end-users of the project results), **all over the whole course of the project** ensuring real **co-creation**.
- End-users/practioners are to be involved, not as a study-object, but to use their practical and local knowledge and/or entrepreneurial skills to develop solutions and create **'co-ownership' of results**.



- The multi-actor approach (MAA) **brings the right people together** from science, practice, or anyone who can help tackle the objective of the project
- All experience and knowledge are therefore taken into account and the **partners create results together**, to answer real problems
- The collaboration between all of these different partners also helps to **implement results and broadly communicate right from the project start**

HORIZON-CL6-2024-ZEROPOLLUTION-01-3:

Environmental impacts of food systems



TYPE of ACTION

RIA – Research and
Innovation Action



BUDGET

Total: €7MIL

Project : €1MIL

Funding rate 100%

Action Grant Budget based



DEADLINE

Opening: 17 Oct 2023

Deadline: 22 Feb 2024

[Go to the
call](#)



Specific Topic conditions:

the proposals **must use the multi-actor approach.**

HORIZON-CL6-2024-ZEROPOLLUTION-01-3:

Environmental impacts of food systems

Expected OUTCOME

The food sector contributes to food security but is also responsible for air, water and soil pollution. It can contribute to biodiversity loss, soil erosion and climate change, and it consumes excessive amounts of natural resources, including water and energy, while a significant amount of food is wasted. In supporting the implementation of the **European Green Deal, the EU zero pollution action plan, the farm to fork strategy, the European climate pact, the common agricultural policy and the common fisheries policy and the Food 2030 initiative.**

Projects results are expected to contribute **to all the following expected outcomes:**

- Increased overall knowledge of the environmental and climate impacts stemming from the food systems, including potential trade-offs/synergies with other sustainability aspects (environmental, social, economic).
- **Robust evidence-based** understanding of the **impacts of food systems related to direct and indirect soil, water and air pollution** that drive biodiversity losses, soil erosion, climate change and can negatively affect human health.
- Improved capacity to **reduce the environmental and climate impacts of food systems**, particularly in relation to pollution.
- Support to **actors across the food systems** through new available knowledge, **shared existing data** on environmental and climate impacts of food systems and identification of innovative solutions.

HORIZON-CL6-2024-ZEROPOLLUTION-01-3:

Environmental impacts of food systems

Scope:

There is an increasing understanding of the impacts related **to the green-house gas (GHG) emissions stemming from food systems**. Around one third of human-caused GHG emissions worldwide originate from food systems.

A similar share of emissions is also recorded in Europe. Although the largest share of the GHG emissions and other relevant environmental impacts can be attributed to the primary food production (or harvesting in the case of fisheries), **a significant amount of food-related environmental impacts is also generated in post-production and post-harvest processes along food supply chains**. However, when considering wider environmental and climate impacts of food systems, more information is needed to understand these impacts, particularly when it comes to pollution stemming from food processing, manufacturing, packaging, distribution, trade, consumption (including emerging food consumption trends, such as products of alternative diets), food waste and end of life practices.

The relevant data covering these latter industries or practices are often less available and/ or accessible compared to the agricultural data, for example through the CAP indicators. At the same time, knowledge gaps also exist when it comes to environmental impacts of primary food production and harvesting. **Therefore, the successful proposal should fill the relevant knowledge and data gaps**. It should explain how it will deliver co-benefits to some of the Food 2030 priorities: climate, biodiversity and environment, circularity and resource efficiency, innovation and empowering communities. The data should be aligned with and support the relevant objectives of the upcoming Sustainable food system framework initiative.

HORIZON-CL6-2024-ZEROPOLLUTION-01-3:

Environmental impacts of food systems

Proposals are expected to:

- **Collect relevant qualitative and quantitative data on environmental and climate impacts related to water, air and soil pollution** stemming from the food systems, biodiversity losses, climate change and negative impacts on human health, as well as data on freshwater consumption, soil erosion, resource and energy efficiency of food production and supply practices.
- **Increase the accessibility of relevant high quality life cycle inventory data according to FAIR principles and the EU's open science** policy by setting up actions to develop, review and make available existing databases.
- Provide **new data based on requirements for Environmental Footprint** compliant datasets and in line with the 2021 Recommendation on the use of the Environmental Footprint methods.
- Assess the environmental impacts of food systems from a life-cycle perspective, using the Environmental Footprint methods.
- **Identify and map opportunities and innovative solutions**, including existing good practices that address the identified impacts and promote the uptake of sustainable food production (including harvesting) and/ or food supply practices, including consumption practices, with minimum impact.
- **Identify and map opportunities and innovative solutions**, including existing good practices, that maximise synergies among the three dimensions of sustainability (i.e. environmental – including climate and biodiversity, economic, social - including health), different sectors, as well as actors across the food systems (from production/ harvesting to consumption), minimising trade-offs and reducing pollution as well as other environmental and climate impacts in food systems as a whole.
- **Implement the multi-actor approach** by involving a wide range of food system actors and conducting inter-disciplinary research.
- In order to achieve the expected outcomes, **international cooperation is encouraged.**
- Where relevant, build on and **expand the results of past and ongoing research projects** and collaborate with relevant initiatives.

Tips to Succeed: Open Science



Open Science

Source: Claudia Iasillo 2022 –
OPEN SCIENCE IN HORIZON EUROPE

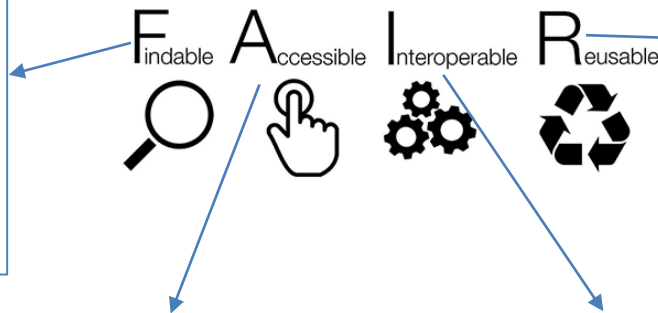
Open Science practices

What?	How?	Mandatory per Grant Agreement / Recommended
Early and open sharing of research	Preregistration, registered reports, preprints, etc.	Recommended
Research output management	Data management plan (DMP)	Mandatory
Measures to ensure reproducibility of research outputs	Access and/or information to research outputs and tools/instruments for validating conclusions of scientific publications and validating/re-using data	Mandatory
Open access to research outputs through deposition in trusted repositories	<ul style="list-style-type: none"> Open access to publications Open access to data Open access to software, models, algorithms, workflows etc. 	<ul style="list-style-type: none"> Mandatory for peer-reviewed publications Mandatory for research data but with exceptions ('as open as possible, as closed as necessary') Recommended for other research outputs
Participation in open peer-review	Publishing in open peer-reviewed journals or platforms	Recommended
Involving all relevant knowledge actors	Involvement of citizens, civil society and end-users in co-creation of content (e.g. crowd-sourcing, etc.)	Recommended

- Open science practices are described in the HE Programme Guide (see Resources)
- This is a non-exhaustive list: other open science practices (on top of the four already mandatory ones) may be mandatory per specific work programmes or call conditions (i.e. imposed in case of public emergency)

Tips to Succeed: FAIR Data in your proposal

Data will be identified through labels describing author, title, date, provenance, **DOI** and unique and persistent identifiers **[URL]**. Also indicate that they will be stored for at least 10 years in a '**trusted repository**' such as institutional or Zenodo repositories



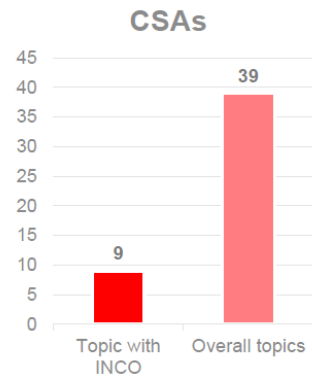
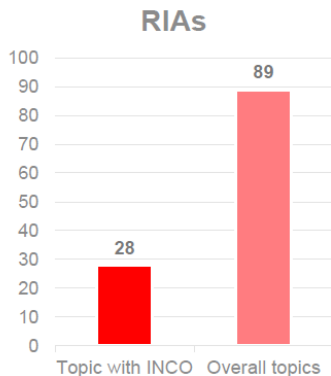
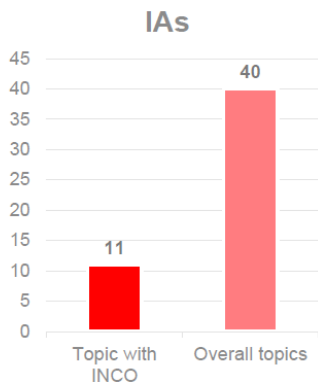
Describe **how to get to the data** and how to download it, if any. Instead, explain which data **cannot be shared** openly, if any. Specify how access will be provided **in case of restrictions**, e.g. through a data committee, a licence or agreed with the repository.

Indicate the possible **data formats** (CVS. PDF. Xlsx., etc). It is important to make it clear that the data **will not be encrypted** and therefore reuse and interchange will be possible

Indicate that all data will be reusable due to their **licence**, preferably **CC BY**, and **CC 0** for metadata.

Tips to Succeed: International Cooperation

- International cooperation is encouraged in 52 out of 176 topics (30%)
 - 27,5% of IAs, 31,5% of RIAs, 23% of CSAs + 4 Co-fund.
 - **Most used language:** 'In order to achieve the expected outcomes of this topic, international cooperation is (strongly) encouraged'.



Destinations	N. topics
D1	12
D2	13
D3	6
D4	6
D5	4
D6	3
D7	8

Tips to Succeed: International Cooperation

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.

International cooperation is encouraged.

Given the global dimension of ocean policy, membership and other modalities of participation from organisations and institutions in **Non-Associated Third Countries** is expected, in particular key partners bordering the different EU sea basins. In line with the Europe's global approach to cooperation in research and innovation, international cooperation should contribute to align strategies and research agendas, strengthen data collection, monitoring and sharing, as well as access to research infrastructures, promote good practice for maritime policies, promote the exchange and export of key technologies and gradually open up cooperation with new countries outside of Europe.

International cooperation is encouraged, in particular with non-associated third countries participating **in regional fisheries management organisations** of EU interest.

HORIZON-CL6-2024-CLIMATE-01-1: Improving irrigation practices and technologies in agriculture



TYPE of ACTION

IA –Innovation Action



BUDGET

Total: €10MIL

Project : €5MIL

Funding rate 100%

Lump Sum



DEADLINE

Opening: 17 Oct 2023

Deadline: 22 Feb 2024

[Go to the
call](#)



Specific Topic conditions:

Activities are expected to achieve TRL 6-7 by the end of the project

HORIZON-CL6-2024-CLIMATE-01-1: Improving irrigation practices and technologies in agriculture

Expected OUTCOME

In line with the European Green Deal's farm to fork strategy, EU water-related policies (notably the Water Framework Directive), and the work done and data made available by the European Environmental Agency (EEA), successful proposals will contribute to increasing the resilience of agriculture to drought with innovative irrigation systems that increase efficiency in water management.

Projects results are expected to contribute to **all the following expected outcomes**:

- **Solutions and prevention tools for improving water management** in particular in areas experiencing recurrent or permanent water scarcity to anticipate solutions for current and future challenges in water management.
- Support available for **end-users** seeking to take up innovative solutions **in irrigation technologies**.
- Unlocking the potential of **recycled sewage sludge** and other biowaste streams as alternative, safe water and nutrient supply resources for agriculture.
- Increased socio-economic and environmental potential of **alternative irrigation practices** such as fog harvesting.
- **Reduced agricultural water demand**, as a result of optimized irrigation systems, including new opportunities for alternative water supplies, and expected innovations from the transition towards more sustainable farming systems, including agroecology.

HORIZON-CL6-2024-CLIMATE-01-1: Improving irrigation practices and technologies in agriculture

Scope:

Proposals should address the following:

- Improve the **understanding of the composition**, potential for irrigation in terms of efficiency, reliability and cost-effectiveness of sewage sludge and other biowaste streams, on condition that a safe use of these recycled products is possible, without a negative impact on the environment, ensuring high agronomic efficiency of the nutrients they contain.
- **Integration and upscaling of the on-farm water management practices** and results at the catchment level by quantifying the impacts of water recycling in the whole basin water balance, optimizing catchment-based agriculture production, reducing runoff patterns and possible changes in hydrological cycles linked to climate conditions.
- **New or improved tools for an efficient combined use of water and fertilizers via irrigation** for different agricultural systems, including agroecology, organic production, as well as conventional, intensive or urban agriculture.
- New, **innovative forms of alternative water for agriculture** (e.g., superabsorbent polymers/‘solid water’), including evaluation of their socio-economic, environmental and health impacts.
- **Improve practices and solutions in small and large-scale farms** to deal with the effects of water abundance (rapid showers, floods) and/or water scarcity.
- **Identification of societal and regulatory barriers** hampering upscaling of recycled water-use and development of suitable solutions to increase the uptake in practice.
- **Recommendations** for improved and targeted incentives and policies at regional, national and EU-level to reduce financial risks for early adopters of practices developed in the project.

HORIZON-CL6-2024-COMMUNITIES-02-1-two-stage: Innovating for climate-neutral rural communities by 2050



TYPE of ACTION

IA –Innovation Action



BUDGET

Total: €10MIL

Project : €5MIL

Funding rate 100%

Lump Sum



DEADLINE

Deadline(s): 22 Feb 2024 (First Stage)
17 Sep 2024 (Second Stage)

[Go to the
call](#)



Specific Topic conditions:

This topic is part of **the blind evaluation** pilot under which first stage proposals will be evaluated blindly

HORIZON-CL6-2024-COMMUNITIES-02-1-two-stage: Innovating for climate-neutral rural communities by 2050

Expected OUTCOME

The successful proposal will contribute to fostering a sustainable, balanced, equitable and inclusive development of rural areas, supporting the implementation of the long-term vision for the EU's rural areas and its objectives (in particular contributing to stronger and resilient rural areas) and to its flagship initiative "Research and innovation for rural communities", the European Green Deal, in particular the climate pact, the fit for 55 package, the forest and biodiversity strategies, and the new soil strategy as well as the territorial agenda 2030, the common agricultural policy (CAP) and the REPowerEU plan. In addition, proposals will complement the EU Mission Climate-Neutral and Smart Cities, covering sparsely populated areas, and contribute to the objectives of the EU Mission 'A Soil Deal for Europe'.

Project results are expected to contribute **to all of following expected outcomes:**

- **Rural communities are empowered and engaged** in the green transition and equipped with strategies and innovative solutions to contribute to EU's climate-neutrality objectives (by 2035 and 2050) and benefit from a climate-neutral economy;
- **Rural communities take advantage of data, interoperable platforms and digital technologies** available to help them meet climate-neutrality objectives, such as dashboards, data visualisation techniques, modelling, digital twins of entire rural communities and tools contributing to spatial planning;
- **Policy makers are better informed about policy and regulatory frameworks**, conditions and processes that are likely to encourage rural areas' climate-neutrality while sustaining an adequate social welfare and well-being and avoiding negative social, economic and environmental externalities;
- A stronger rural innovation ecosystem is in place bringing **together public and private players** and making rural areas an attractive place for innovators to work and live.

HORIZON-CL6-2024-COMMUNITIES-02-1-two-stage: Innovating for climate-neutral rural communities by 2050

Scope:

Proposals should address the following:

- design, prototype and test concrete innovations (technical, social, organisational) supporting climate-neutrality, zero pollution and biodiversity enhancement in rural communities, possibly including initiatives such as nature-based solutions (NBS), circularity and bioeconomy, bio-based solutions, community-energy systems, climate-neutral mobility, fire-prevention, etc. Innovations should be co-created with rural stakeholders to respond to their needs and tested for their feasibility for the territorial development opportunities or drawbacks that they bring;
- include training and capacity building for local administrations and rural stakeholders in order to create and maintain a rural innovation ecosystem and enable them to make use or benefit from the successful innovations developed and from existing funding opportunities for the green and digital transitions;
- boost networking and enhance peer-to-peer learning between communities and capitalise on lessons learnt making them available as recommendations for policy makers at various levels (European, national, regional and local);
- Proposals are encouraged to fully exploit and build complementarities with the ongoing work regarding the establishment of the **European Open Science Cloud** and interact with relevant projects developing metadata standards and added value tools to ensure interoperability within and across fields of study.
- This topic should involve the effective contribution of **social sciences and humanities (SSH)**, (e.g., for expertise in behavioural change, etc.) and must implement the **multi-actor approach** by involving relevant stakeholders from an early stage (e.g. rural communities representatives, small-medium enterprises -SMEs, etc., end-users, local authorities, etc.).

European Open Science Cloud (EOSC)

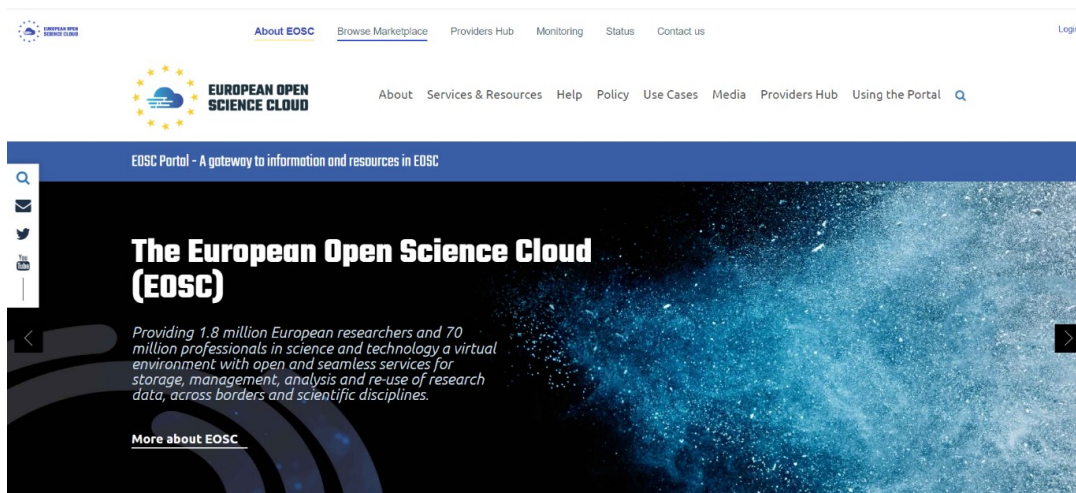
What the European Open Science Cloud is

The ambition of the European Open Science Cloud (EOSC) is to provide European researchers, innovators, companies and citizens with a federated and open multi-disciplinary environment where they can publish, find and reuse data, tools and services for research, innovation and educational purposes.

This environment will operate under well-defined conditions to ensure trust and safeguard the public interest.

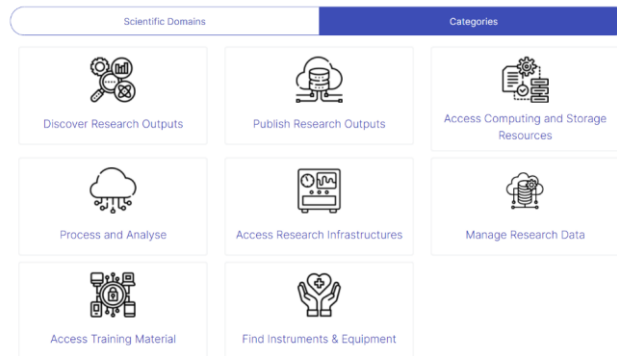
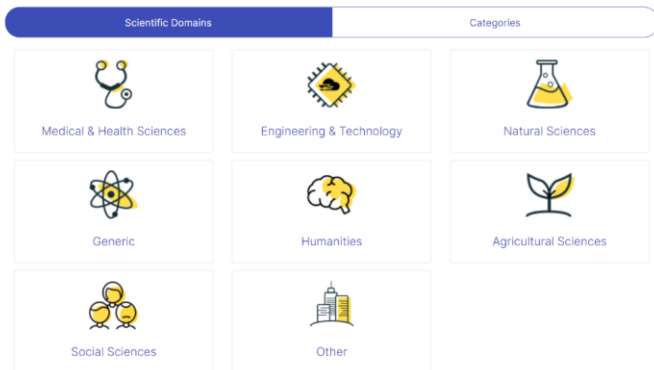


EUROPEAN OPEN
SCIENCE CLOUD

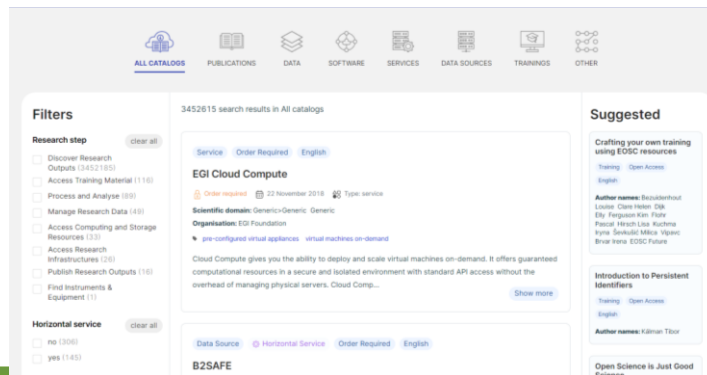


European Open Science Cloud (EOSC)

You can search your data based on either for Scientific domain or Categories

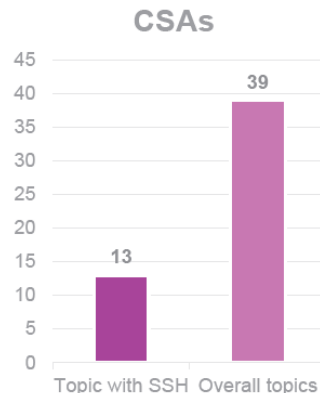
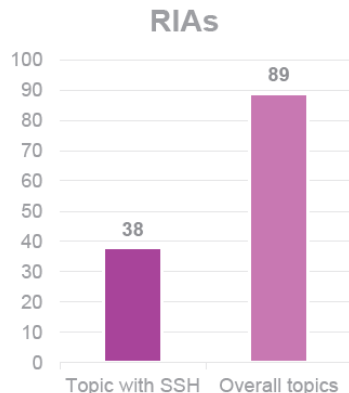
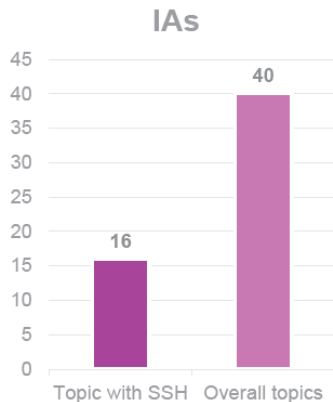


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Tips to Succeed: Social Sciences and Humanities (SSH)

- The integration of Social Sciences and Humanities (SSH) is foreseen in 71 out of 176 topics (40%)
 - 40% of IAs, 43% of RIAs, 33% of CSAs + 4 Co-fund
 - Most used sentence in CL6:** 'This topic should involve the effective contribution of SSH disciplines'



Tips to Succeed: Social Sciences and Humanities in CL6

Destination 1

HORIZON-CL6-2024-BIODIV-01-1: Invasive alien species

HORIZON-CL6-2024-BIODIV-01-5: Transformative action of policy mixes, governance and digitalisation addressing biodiversity loss

Destination 2

HORIZON-CL6-2024-FARM2FORK-01-1: Agro-pastoral/outdoor livestock systems and wildlife management

HORIZON-CL6-2024-FARM2FORK-01-6: Citizens' science as an opportunity to foster the transition to sustainable food systems

Destination 3

HORIZON-CL6-2024-CircBio-01-5: Programmed biodegradation capability of bio-based materials and products, validated in specific environments

HORIZON-CL6-2024-CircBio-01-6: Digital information systems for bio-based products

Destination 4

HORIZON-CL6-2024-ZEROPOLLUTION-01-1: Demonstrating how regions can operate within safe ecological and regional nitrogen and phosphorus boundaries

HORIZON-CL6-2024-ZEROPOLLUTION-01-2: Best available techniques to recover or recycle fertilising products from secondary raw materials

Destination 5

HORIZON-CL6-2024-CLIMATE-01-2: Socio-economic, climate and environmental aspects of paludiculture

Destination 6

HORIZON-CL6-2024-COMMUNITIES-01-1: Unlock the potential of the New European Bauhaus in urban food system transformation

Destination 7

HORIZON-CL6-2024-GOVERNANCE-01-3: The role of mainstream media, social media and marketing in fostering healthy and sustainable consumption patterns and how to encourage good practices

Non-Exhaustive list

Tips to Succeed: Social Sciences and Humanities in CL6

This topic should involve the effective contribution of SSH disciplines.

Proposals should be innovation-oriented and must implement the multi-actor approach, bringing together multiple science fields, in particular the social sciences and humanities (SSH) (e.g., sociology, behavioural sciences, psychology, economics, etc.), and actors with complementary roles and experiences (e.g., representatives of people in a vulnerable situation, service providers, health services, associations, public authorities, universal designers, etc.).

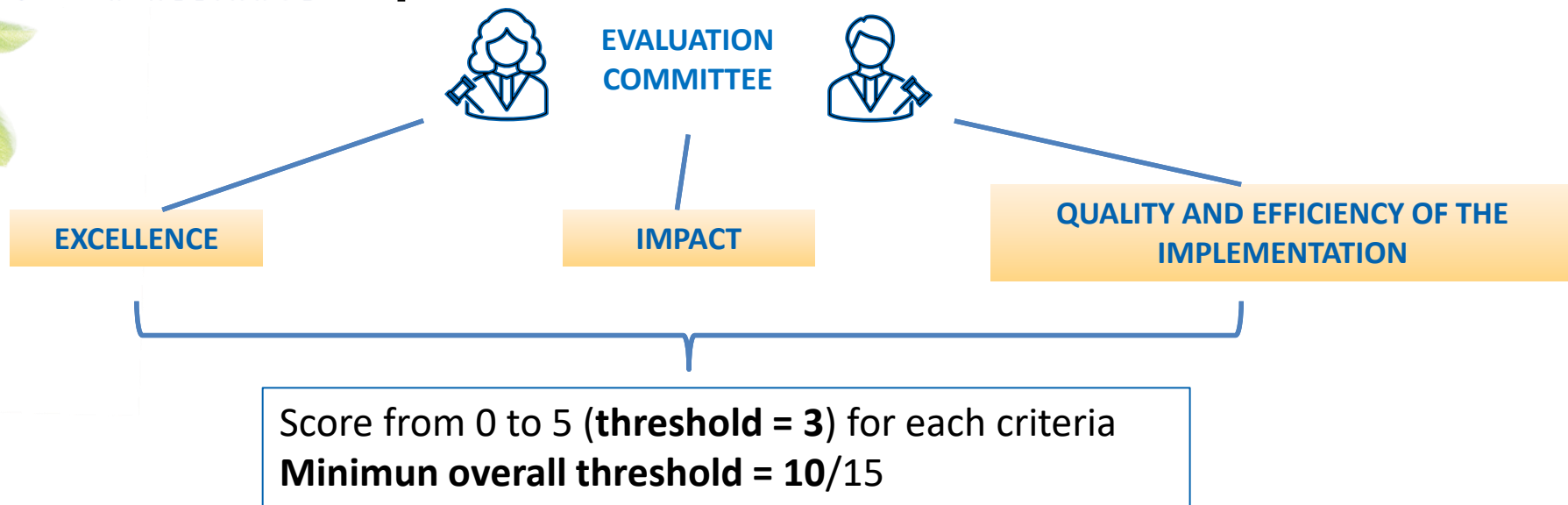
Proposals must implement the multi-actor approach and bring together multiple science fields, in particular the social sciences and humanities (SSH) (e.g., economics, human geography, political science, cultural studies, etc.), and actors with complementary roles and experiences (e.g., service providers, transport services, public authorities, associations, innovators, small and medium enterprises -SMEs - etc.).

Any Questions so far?

Tips to Succeed: Time to Grant



Tips to Succeed: Evaluation Criteria



EX AEQUO

- Proposals that address aspects of the call that were not addressed by higher-scoring proposals
- Excellence Score > Impact Score
- For IA the impact is assigned a weight of 1.5

Tips to Succeed: Excellence

Excellence



- The proposed work **must cover all the aspects of the scope of the topic.**
- Objectives must be **pertinent, clear, measurable and achievable.**
- Demonstrate that the proposed work is **ambitious and go beyond the state of the art.**
- Proposed methodology must be **sound and credible.**
- Verify in topic text if activities must reach a certain TRL by e.g. the end of the project.

HORIZON-CL6-2024-FARM2FORK-01-2: New healthy and sustainable food products and processes

Specific conditions

[...]

*Technology
Readiness Level*

Activities are expected to achieve TRL 4-5 by the end of the project – see General Annex B.



Tips to Succeed: IMPACT

Impact

- In Horizon Europe Impact is evaluated based on Key Impact Pathways.
- **Pathways to achieve expected outcomes and impacts**
 - **Expected outcomes** => set at topic level
 - **Expected Impacts** => set at destination level
 - Do not confuse expected **outputs** (= project results) with expected **outcomes**
 - Estimate scale and significance and identify potential barriers
- **Communication, Dissemination & Exploitation**

Tips to Succeed: Impact vs Outcome

IMPACT

Destination - Circular economy and bioeconomy sectors

This destination and its topics target climate-neutrality, zero pollution²²⁰, fair and just circular and bioeconomy transitions²²¹. These cover safe, integrated circular solutions at territorial and sectoral levels, for important material flows and product value chains, such as i) textiles, ii) electronics, iii) chemicals, iv) packaging, v) tourism, vi) plastics and construction, and vii) key bioeconomy sectors such as a) sustainable bio-based systems²²², b) sustainable forestry, c) small-scale rural bio-based solutions, d) environmental services and e) aquatic (including marine and freshwater) value chains²²³.

Expected impact

Proposals for topics under this destination should set out a credible pathway to:

- develop the circular economy and bioeconomy sectors;
- ensure natural resources are used and managed in sustainable and circular manner;
- prevent and remove pollution;
- unlock the full potential and benefits of the circular economy and the bioeconomy, with clean secondary raw materials, ensuring competitiveness and guaranteeing healthy soil, air, fresh and marine water for all, through better understanding of planetary boundaries and wide deployment and market uptake of innovative technologies and other solutions, notably in primary production (forestry) and bio-based systems.

More specifically, the proposed topics should contribute to one or more of the following impacts:

- **Regional, rural, local/urban and consumer-based transitions are accelerated** towards a sustainable, regenerative, inclusive, just and clean circular economy and bioeconomy across all regions of Europe. Special attention should be paid to the most sensitive/vulnerable²³⁷ and greenhouse gas-intensive regions, based on **better knowledge and understanding of science**, and improved capacity to design, implement and monitor policies and instruments for circular and bio-based transitions.

OUTCOME

HORIZON-CL6-2024-CircBio-01-1: Circular Cities and Regions Initiative's project development assistance (CCRI-PDA)

Expected Outcome: The successful proposal will support the delivery of solutions to implement the European Green Deal, the circular economy action plan (CEAP) and the bioeconomy strategy. The topic will support the transition towards a sustainable, regenerative, inclusive and just circular economy across regions of Europe at local and regional scale.

The Circular Cities and Regions Initiative's Project Development Assistance (CCRI-PDA) projects are part of the implementation of the European Commission's Circular Cities and Regions Initiative (CCRI)²⁸⁷. They will be carried out in close coordination and cooperation with the CCRI Coordination and Support Office (CCRI-CSO).

Investors and lenders need to gain more confidence in investment projects in the field of circular economy which are still seen as risky. European added value can be achieved, for example, where projects introduce innovation to the market regarding financing solutions minimising transaction costs and engaging the private finance community. European added value could also be achieved where projects demonstrably address legal, administrative and other market opportunities and challenges for innovative and sustainable circular economy investment schemes.

Projects results are expected to contribute to all the following expected outcomes:

- Delivery of a series of sustainable circular economy projects;
- Roll-out of innovative financing solutions/schemes at local and regional scale across Europe.

Tips to Succeed: Communication – Dissemination and Exploitation



COMMUNICATION, DISSEMINATION AND EXPLOITATION WHY THEY ALL MATTER AND WHAT IS THE DIFFERENCE?

Communication: Promote your action and results

Inform, promote and communicate
your activities and results



Reaching multiple audiences

Citizens, the media, stakeholders



How?

- Having a well-designed strategy
- Conveying clear messages
- Using the right media channels



When?

From the start of the action until the end



Why?

- Engage with stakeholders
- Attract the best experts to your team
- Generate market demand
- Raise awareness of how public money is spent
- Show the success of European collaboration

Legal obligation of your Grant Agreement

Dissemination: Make your results public

Open Science: knowledge and results (free of charge)
for others to use



Only to scientists?

Not only but also to others that can learn from the results:
authorities, industry, policymakers, sectors of interest, civil
society



How?

Publishing your results on:

- Scientific magazines
- Scientific and/or targeted conferences
- Databases



When?

At any time, and as soon as the action has results



Why?

- Maximise results' impact
- Allow other researchers to go a step forward
- Contribute to the advancement of the state of the art
- Make scientific results a common good

Legal obligation of your Grant Agreement

Exploitation: Make concrete use of results

Commercial, Societal, Political Purposes



Only by researchers?

Not only, but also:

- Industry including SMEs
- Those that can make good use of them:
authorities, industrial authorities, policymakers, sectors of
interest, civil society



How?

- Creating roadmaps, prototypes, softwares
- Sharing knowledge, skills, data



When?

Towards the end and beyond, as soon as the action has exploi-
table results



Why?

- Lead to new legislation or recommendations
- For the benefit of innovation, the economy and the society
- Help to tackle a problem and respond to an existing demand

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What else?



Acknowledge the EU funding!

Tips to Succeed: Implementation

Implementation

Ensure
consistency

- **Workpackages:** group all project activities in a logical, consistent and structured way.
For each work packages, describe the:
 - objective(s)
 - activities to be implemented and outputs to be produced.
 - lead partner and role of participants.
- Distinguish between **milestones** and **deliverables**:
 - Milestones = control points
 - Deliverables = outputs of the project

Tips to Succeed: Common Errors

Excellence

- Objectives not fully pertinent to the call
- Proposal not ambitious enough and/or not going beyond the state of the art
- Requirements not fully addressed (i.e. Multi-Actor Approach)

Impact

- Proposal not convincingly demonstrating its contribution to all expected outcomes (i.e. pathways to expected outcomes and impacts are not credible)
- Communication, exploitation and dissemination are not differentiated

Implementation

- Work packages not in line with objectives and not clearly interlinked.
- Work plan not sufficiently detailed and allocation of resources not adequately justified
- Operational capacity not demonstrated

Tips to Succeed: How to write a proposal

WHEN DRAFTING THE PROPOSAL

Format

- **Grab the attention of the experts** in the first half page.
- Write **clearly and concisely**. Explain your research in **simple terms** and **avoid jargon**.
- Not all evaluators have English as their first **language**, use **straightforward** language.
- Help evaluators finding easily information, by linking all the parts of the proposal, referring to specific work packages, milestones etc.

Partners

- **All members of consortium** should be **involved** in the drafting of the proposal and should be aware of the full workplan not only the workpackages they are involved in
- Select carefully the partners covering all expertise needed for horizontal tasks including for **Communication Dissemination and Exploitation, data management...**



EU Green Matchmaking Platform

	A	B	C	D	E	F	G	H	I	J	K	L
1	Number of the presentation	Seed funding ?	Call (MSCA, Horizon Europe...)	Title of the call	Opening Date	Deadline	Key words	Name of the interested researchers	Field	Role	Seeking for ... (Role and explanation)	University
2	No. 2	?	TOPIC ID: HORIZON-CL5-2024-D4-02-05	Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership)	17.09.2024	21.01.2025	Participatory Design, Climate Neutrality and Resilience, digital solutions for urban development	Dr. Anke Blöbaum	Psychology	Partner	Partners, Coordinator (in the field of architecture, sustainable development of cities, urban regions, buildings, reducing energy and mobility poverty, climate change adaption/resilience)	OVGU
3	No. 3	?	HORIZON-CL4-2024-TWIN-TRANSITION-01-12	Enhanced assessment, intervention and repair of civil engineering infrastructure	19.09.2023	07.02.2024 (step 1) 24.09.2024 (step 2)	Climate neutral, Civil Engineering, Maintenance and repair, Decision Making, Safety	Prof. David Bigaud	Reliability methods in civil engineering	Leader or Partner		
4												
5	No. 4	?	HORIZON-CL5-2024-D3-02-12	DACCS and BECCS for CO2 removal/negative emissions	17.09.2024	21.01.2025	https://ec.europa.eu/info/funding-g-tenders/opportunities/portal/s-green/opportunities/topic-details/horizon-cl5-2024-d3-02-12?ters=false&callIdentifier=HORIZON-CL5-2024-D3-02	Prof. Nicola Della Ca'	Chemistry	Leader or partner	Partners in the field of CO2 capture and utilization, materials chemistry, polymer synthesis, Life cycle assessment on processes	UNIPR
6												
7	No. 5	yes	HORIZON-IA HORIZON Innovation Actions	Research and innovation on cultural heritage and CCIs - 2024 (HORIZON-CL2-2024-HERITAGE-01)	04.10.2023	07.02.2024	Heritage preservation, Innovative practices, Heritage digitization, Artistic promotion, European Network on heritage	Dr. Martín Gómez-Ullate	al Anthrop	Leader or Partner	Partners or Coordinators (In the field of Cultural Heritage, Arts, digital humanities)	UEX
8												
9	No. 6	Yes	HORIZON-IA HORIZON Innovation Actions	Biodiversity and ecosystem services. HORIZON-CL6-2024-BIODIV-01-1: Invasive alien species	17.10.2024	22.02.2024	Dec 07, 2022 Invasive alien species ID: HORIZON-CL6-2024-BIODIV-01-1	Dr. Sandra Wright, Dr. Lars Hillström	Biology	Leader or Partner	Partners in other disciplines, such as Information Psychology, Electronics, Organic Chemistry, Computer Science, Mathematics, Robotics, AI, Marketing/Communication Science, Social Sciences and Humanities	HiG

Useful links

1. [Funding & tender opportunities – Reference Documents](#)
2. [Work programme 23-24 Cluster 6](#)
3. [European Commission - Info day - Cluster 6](#)
4. [List of AC and Third countries](#)
5. [EOSC](#)
6. [EU GREEN WP3 Research Website](#)
7. [EU GREEN Matchmaking Platform](#)

Thank you!

Q&A



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