



HORIZON EUROPE

THE EU RESEARCH & INNOVATION PROGRAMME

2021 – 2027

**NATIONAL INFO DAY ON HORIZON
EUROPE WORK PROGRAMME 2023-2024**

Wednesday 18 January 2023, 8:15-17.00

Ktima Kousiouri, Nicosia, Cyprus



CLUSTER 6 - FOOD, BIOECONOMY, NATURAL
RESOURCES, AGRICULTURE AND ENVIRONMENT

Cluster 6 Work Programme 2023-2024

Marco CITELLI – Policy Officer
European Commission
RTD C.5 “Ecological and Social Transitions”



Pre-publication, adoption, publication, call opening

Pre-publication: 28 November 2022

Text of **CL6 WP 23-24** available on the [Funding & Tenders Portal](#):

Adoption: 6 December 2022



Publication: 7 December 2022

and here: [Horizon Europe work programmes \(europa.eu\)](#):

Opening of 2023 calls: 22 December 2022



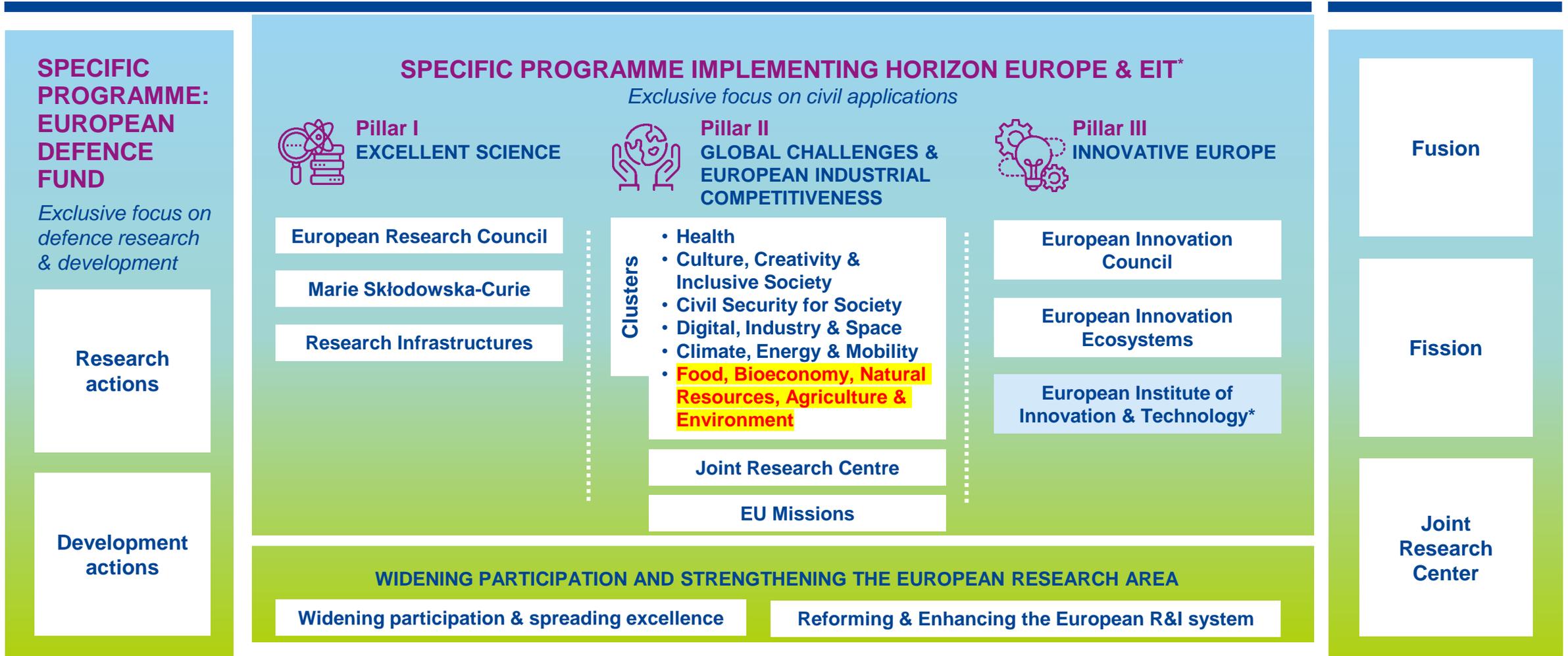
Horizon Europe work programmes

What work programmes are, what they cover, download available Horizon Europe work programmes.



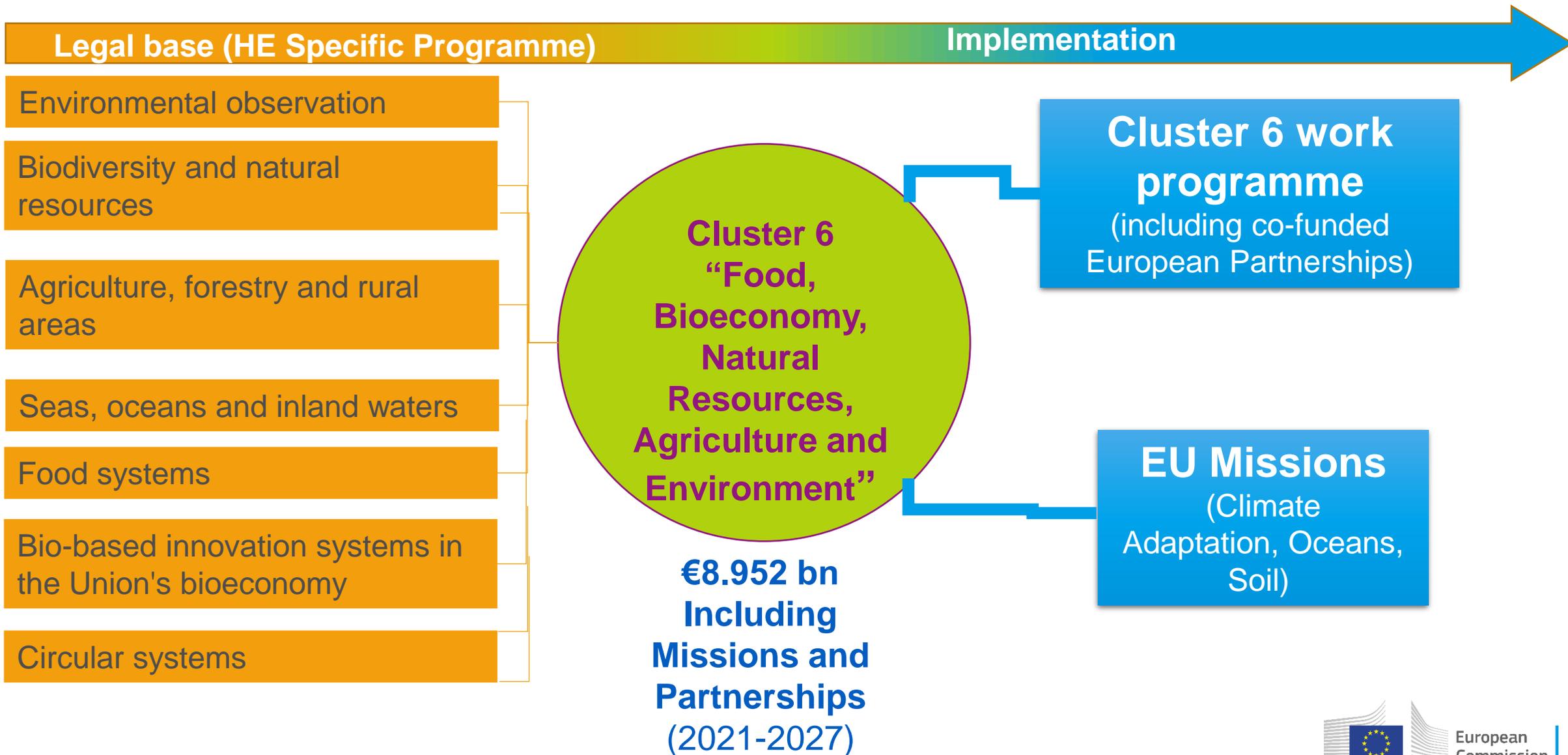
HORIZON EUROPE

EURATOM



* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

Overview



Cluster 6: from Expected Impacts to Destinations

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 Programme 2023-2024

• **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

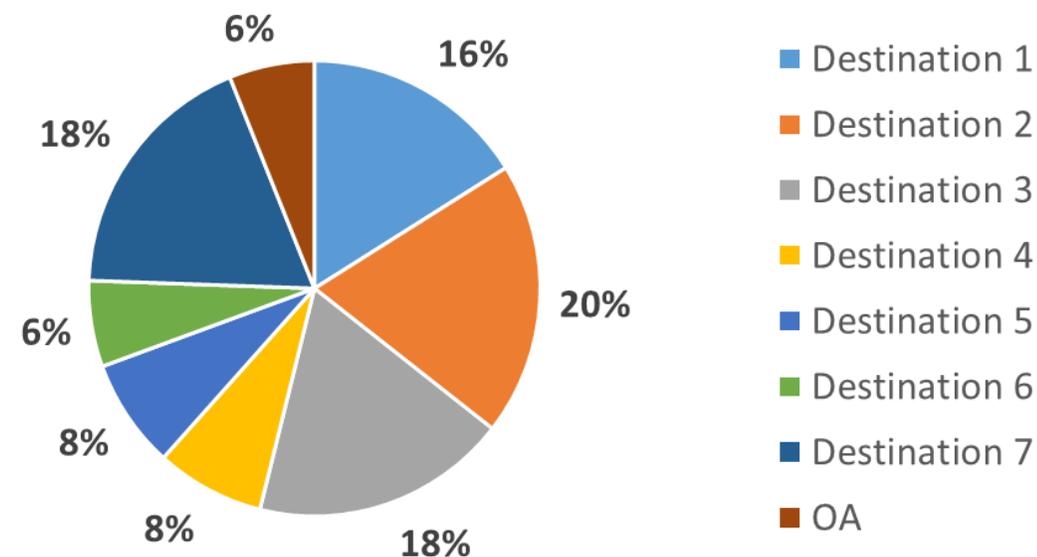


Topics per Destination



Destinations	N. topics (*)
1. Biodiversity and Ecosystem Services	30
2. Fair, healthy and environmentally-friendly food systems from primary production to consumption	38
3. Circular economy and bioeconomy sectors	33
4. Clean environment and zero pollution	14
5. Land, oceans and water for climate action	15
6. Resilient, inclusive, healthy and green rural, coastal and urban communities	11
7. Innovative governance, environmental observations and digital solutions in support of the Green Deal	35
Other Actions	10
Grand Total	186

(*) Including the 7 co-funded partnerships

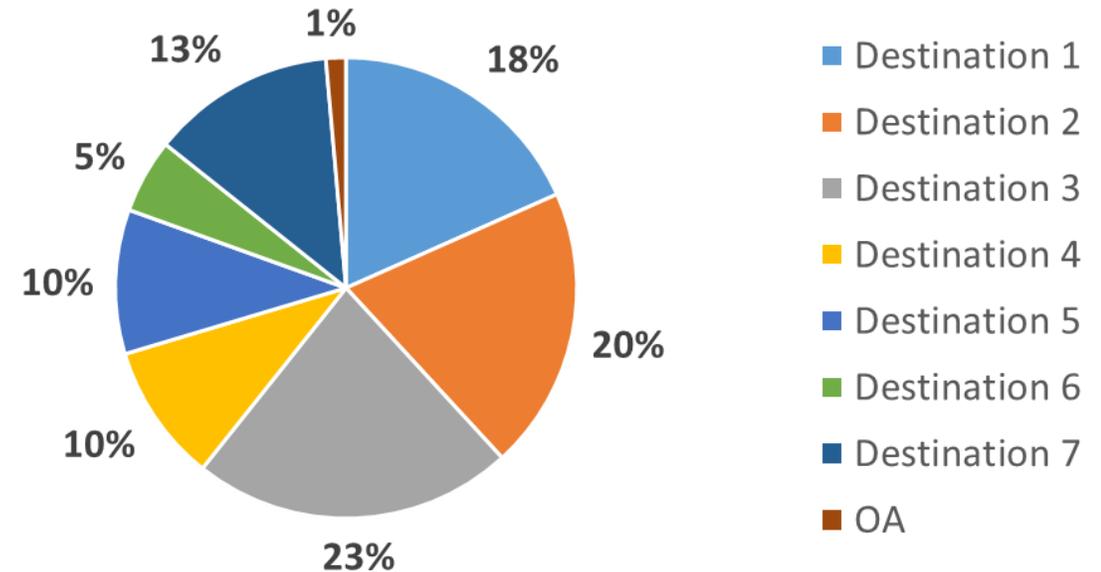


176 topics + 10 other actions non subject to call for proposals
BIODIV, FARM2FORK and GOVERNANCE gathering the most topics

Budget per Destination



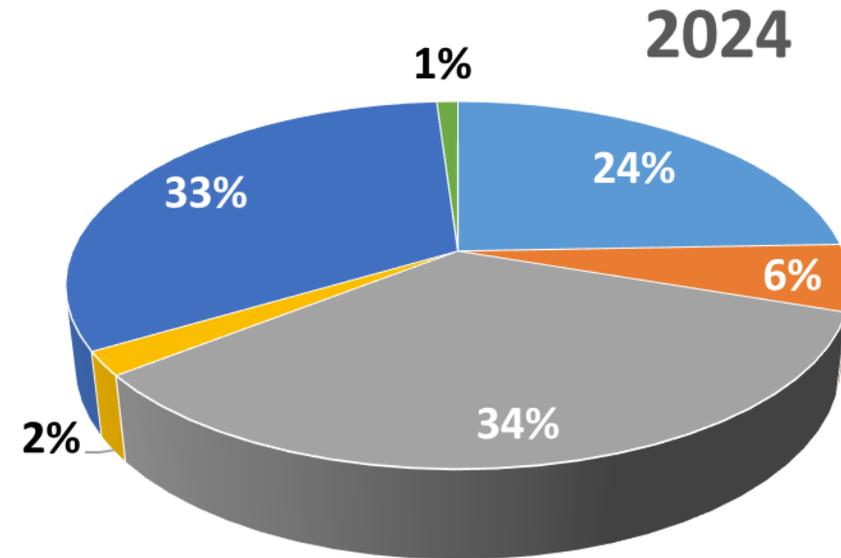
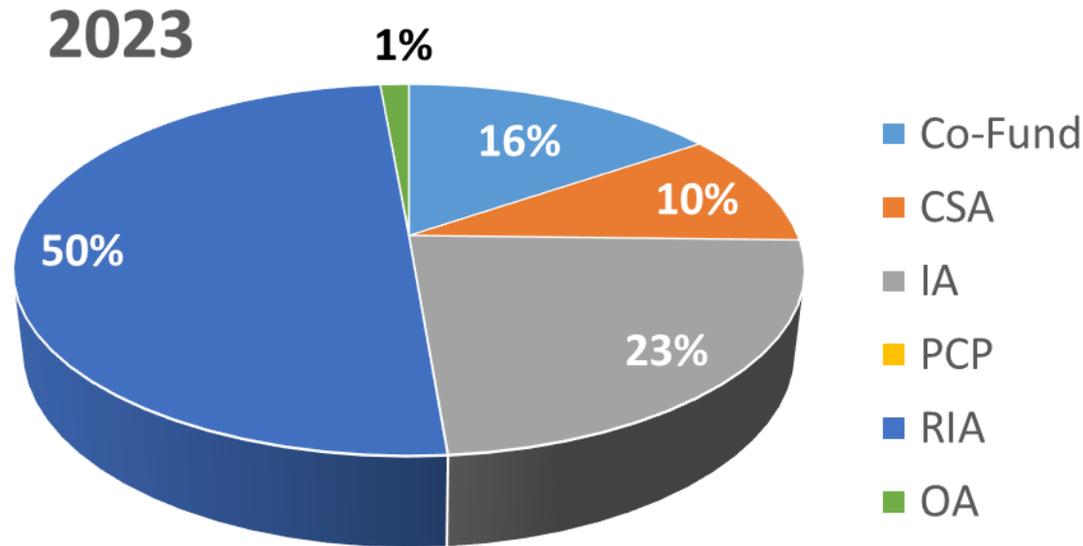
Destinations	Budget (*) [mln EUR]
1. Biodiversity and Ecosystem Services	266
2. Fair, healthy and environmentally-friendly food systems from primary production to consumption	288
3. Circular economy and bioeconomy sectors	327
4. Clean environment and zero pollution	141
5. Land, oceans and water for climate action	147
6. Resilient, inclusive, healthy and green rural, coastal and urban communities	76
7. Innovative governance, environmental observations and digital solutions in support of the Green Deal	187
Other Actions	20
Grand Total	1.451



BIODIV, FARM2FORK, CIRCBIO bigger Destinations, followed by GOVERANCE
Overall balanced allocation of budget, reflecting the number of topics

(*): Excluding the 7 Co-funded partnerships

Budget per Year and Type of Action



	2023		2024		Total
Co-Fund	€ 140,5	€ 220,5	€ 361,0		
CSA	€ 90,5	€ 53,0	€ 143,5		
IA	€ 212,0	€ 308,0	€ 520,0		
PCP		€ 19,0	€ 19,0		
RIA	€ 454,0	€ 294,0	€ 748,0		
OA	€ 12,7	€ 9,4	€ 22,1		
Total	€ 909,7	€ 903,9	€ 1.813,6		

Budgetary balance between the two years
RIAs have the lion share in 2023
IAs are the relative majority in 2024

Opening date & deadlines of 2023 calls



WP adoption: **6 December 2022** / publication date: **7 December 2022** / calls opening date: **22 December 2022**

Deadlines	Call(s)
23 March 2023	GOVERNANCE-01
28 March 2023	BIODIV-01, CIRCBIO-01, CIRCBIO-02 (1 st stage), ZEROPOLLUTION-01 and ZEROPOLLUTION-02 (1 st stage)
12 April 2023	FARM2FORK-01, CLIMATE-01 and COMMUNITIES-01
26 September 2023	CIRCBIO-02 (2 nd stage) and ZEROPOLLUTION-02 (2 nd stage)

Opening date & deadlines of 2024 calls



17 October 2023 will be 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)

Single stage calls



Distribution in the WP 2023-2024

HORIZON-CL6-2023-BIODIV-01 (18 topics)
HORIZON-CL6-2023-FARM2FORK-01 (20 topics)
HORIZON-CL6-2023-CIRCBIO-01 (14 topics)
HORIZON-CL6-2023-ZEROPOLLUTION-01 (7 topics)
HORIZON-CL6-2023-CLIMATE-01 (8 topics)
HORIZON-CL6-2023-COMMUNITIES-01 (6 topics)
HORIZON-CL6-2023-GOVERNANCE-01 (22 topics)
HORIZON-CL6-2024-BIODIV-01 (9 topics)
HORIZON-CL6-2024-FARM2FORK-01 (11 topics)
HORIZON-CL6-2024-CIRCBIO-01 (10 topics)
HORIZON-CL6-2024-ZEROPOLLUTION-01 (3 topics)
HORIZON-CL6-2024-CLIMATE-01 (7 topics)
HORIZON-CL6-2024-COMMUNITIES-01 (3 topics)
HORIZON-CL6-2023-GOVERNANCE-01 (13 topics)

- **14 calls** (7 in 2023, 7 in 2024)
- **151 topics** (95 in 2023, 56 in 2024)
- Less singles stage topics in 2024 matched by an **increase** of two stage in that year



Two-stage calls



Distribution in the CL6 WP 23-24

HORIZON-CL6-2023-CIRCBIO-02 (3 topics)

HORIZON-CL6-2024-BIODIV-02 (3 topics)

HORIZON-CL6-2024-FARM2FORK-02 (7 topics)

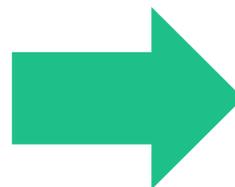
HORIZON-CL6-2024-CIRCBIO-02 (6 topics)

HORIZON-CL6-2023-ZEROPOLLUTION-02 (2 topics)

HORIZON-CL6-2024-ZEROPOLLUTION-02-1 (2 topics)

HORIZON-CL6-2024-COMMUNITIES-02 (2 topics)

- **7 calls** (2 in 2023, 5 in 2024);
- **25 topics** (5 in 2023, 20 in 2024);
- Compared to WP 21-22 (with 16 topics) **56%** increase of two-stages

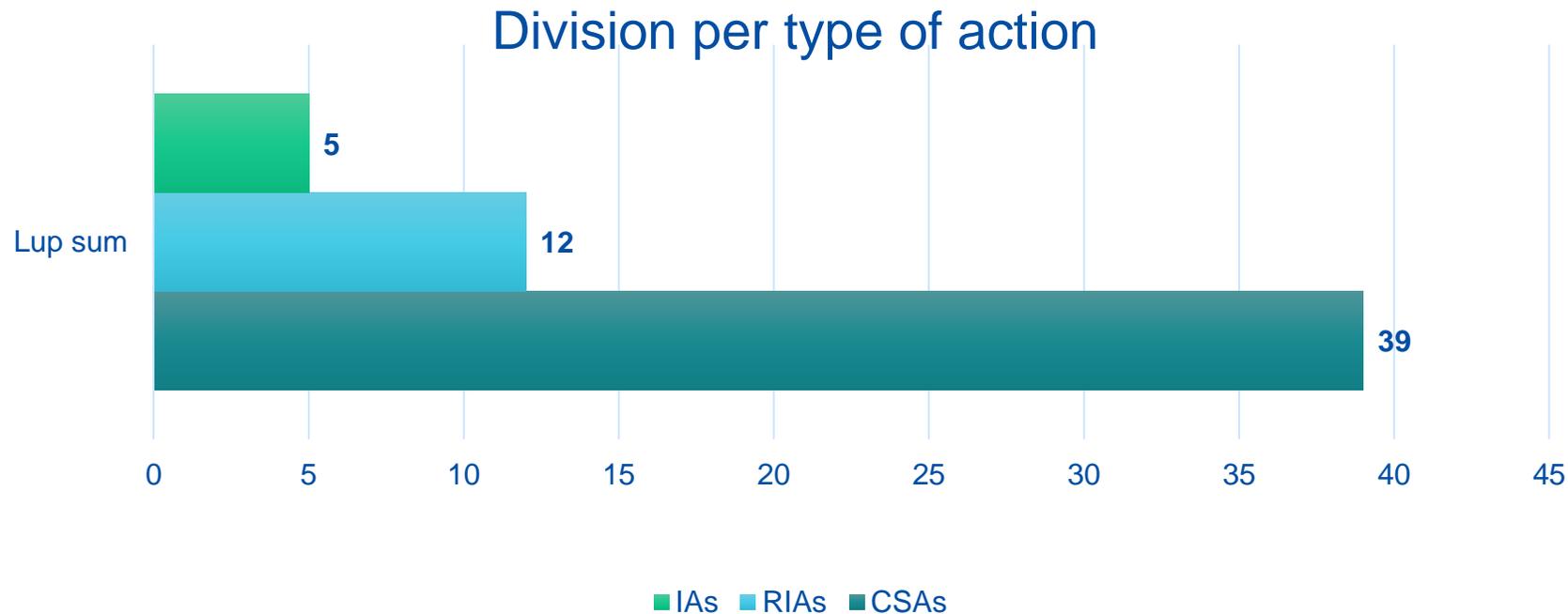


Blind evaluation: Anonymised proposals will be evaluated during the first stage based on the **award criteria** (excellence; impact; quality and efficiency of the implementation) – **Article 28.4** of the HE Regulation.



Lump sum topics

- 56 topics requiring lump sum as a **specific call condition**
- $\approx 32\%$ of total WP topics



Destination	N. topics
D1	4
D2	11
D3	10
D4	2
D5	6
D6	4
D7	19

DESTINATION 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

DESTINATION 1 – BIODIVERSITY AND ECOSYSTEM SERVICES



Understanding and addressing the main drivers of biodiversity loss



Biodiversity protection and restoration



Mainstreaming biodiversity in society and economy



Biodiversity friendly practices in agriculture, forestry and aquaculture



Biodiversity and health



Interconnection of biodiversity research and policies

(Biodiversa+)

Topics thematically grouped under 6 headings

DESTINATION 1 – BIODIVERSITY AND ECOSYSTEMS SERVICES

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)



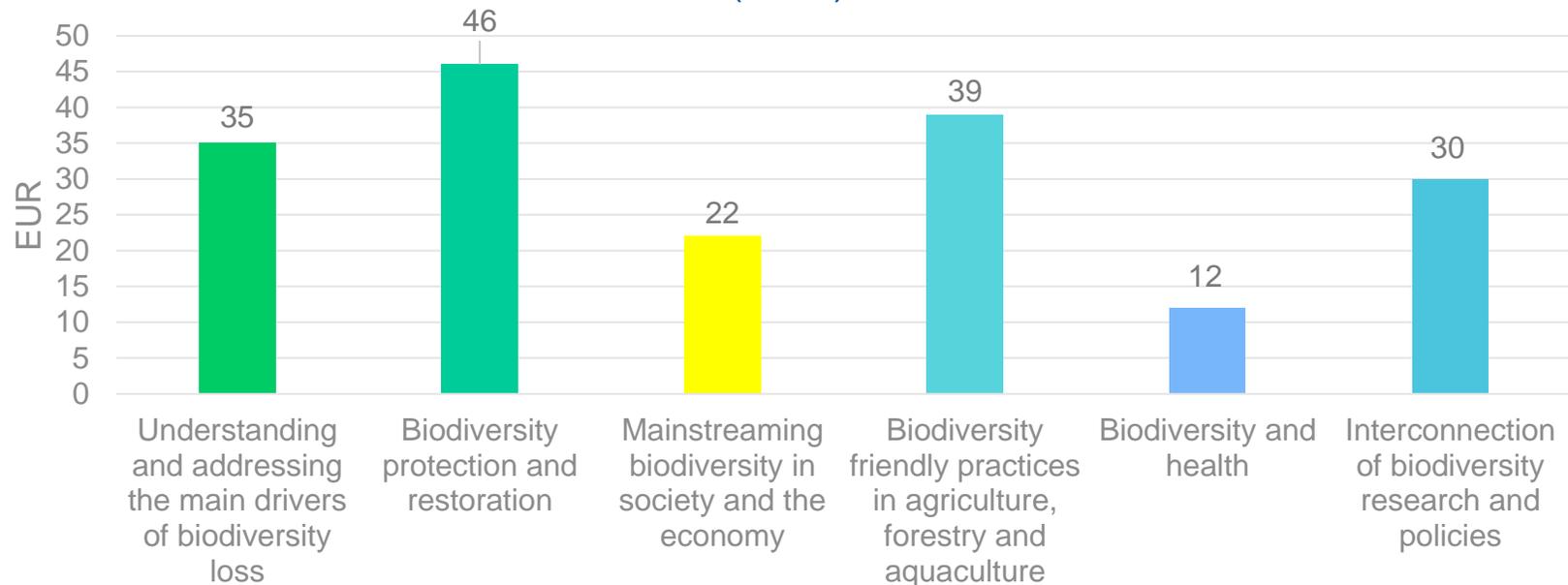
HORIZON-CL6-2023-BIODIV-01



Call data:

- Opening: **22 December 2022**
- Deadline: **28 March 2023**
- Number of topics: **18**, of which **12 RIAs** (Research & Innovation Actions), **2 IAs** (Innovation Action), **3 CSAs** (Coordination and Support Actions) and 1 **COFUND** (Co-funded Partnership)
- Number of projects expected to be funded: **30**

Call budget **BIODIV-2023-01**– EUR 184 million (2023) + 30 million (2024)



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
- Long term vision for rural areas



IMPACT FROM STRATEGIC PLAN

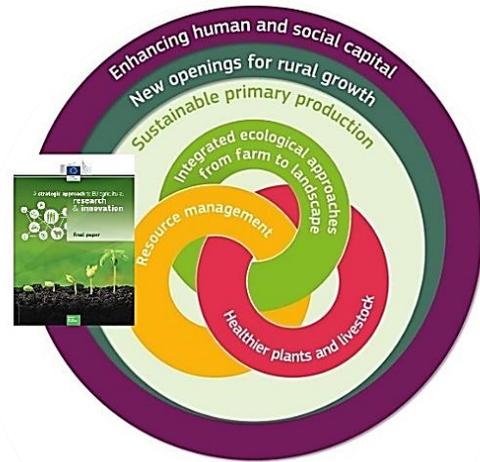
Food and nutrition security for all within planetary boundaries is ensured through knowledge, innovation and digitalisation in agriculture, fisheries, aquaculture and food systems, which are sustainable, resilient, inclusive, safe and healthy **from farm to fork**



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**



**Enabling
sustainable
fisheries and
aquaculture**



**Transforming food
systems for health,
sustainability and
inclusion**



**Targeted
international
cooperation**

Topics thematically grouped under 4 headings

DESTINATION 2 – FAIR, HEALTHY, AND ENVIRONMENT-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION

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



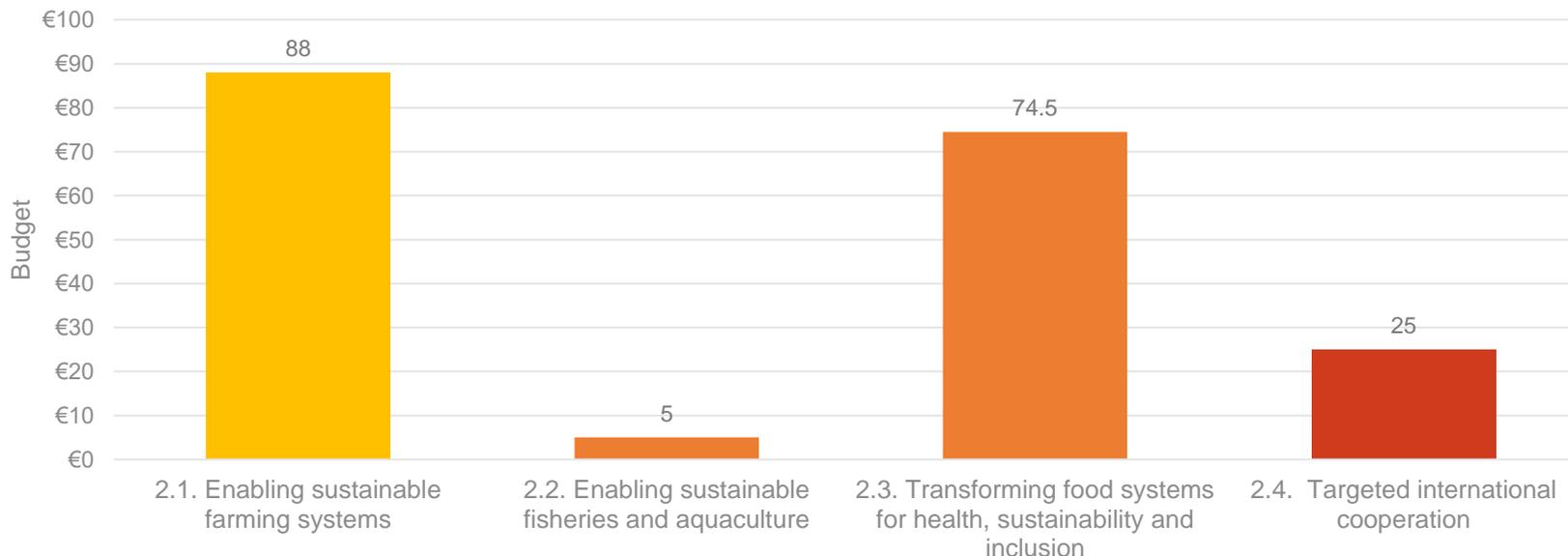
HORIZON-CL6-2023-FARM2FORK-01



Call data:

- Opening: **22 December 2022**
- Deadline: **12 April 2023**
- Number of topics: **22**, of which **9 RIAs** (Research & Innovation Actions), **4 IAs** (Innovation Action), **6 CSAs** (Coordination and Support Actions) and **3 COFUND** (Co-funded Partnerships)
- Number of projects expected to be funded: **27**

Call budget **FARM2FORK-2023-01**: EUR 196.5 million (2023) + 92.5 million (2024)



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
- **Circular and clean economy**
- 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



Enabling a circular economy transition



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



Innovating for blue bioeconomy and biotechnology value chains



Safeguarding and sustainably innovating the multiple functions of EU forests

Topics thematically grouped under 4 headings

DESTINATION 3 – CIRCULAR ECONOMY AND BIOECONOMY SECTORS



Expected impacts

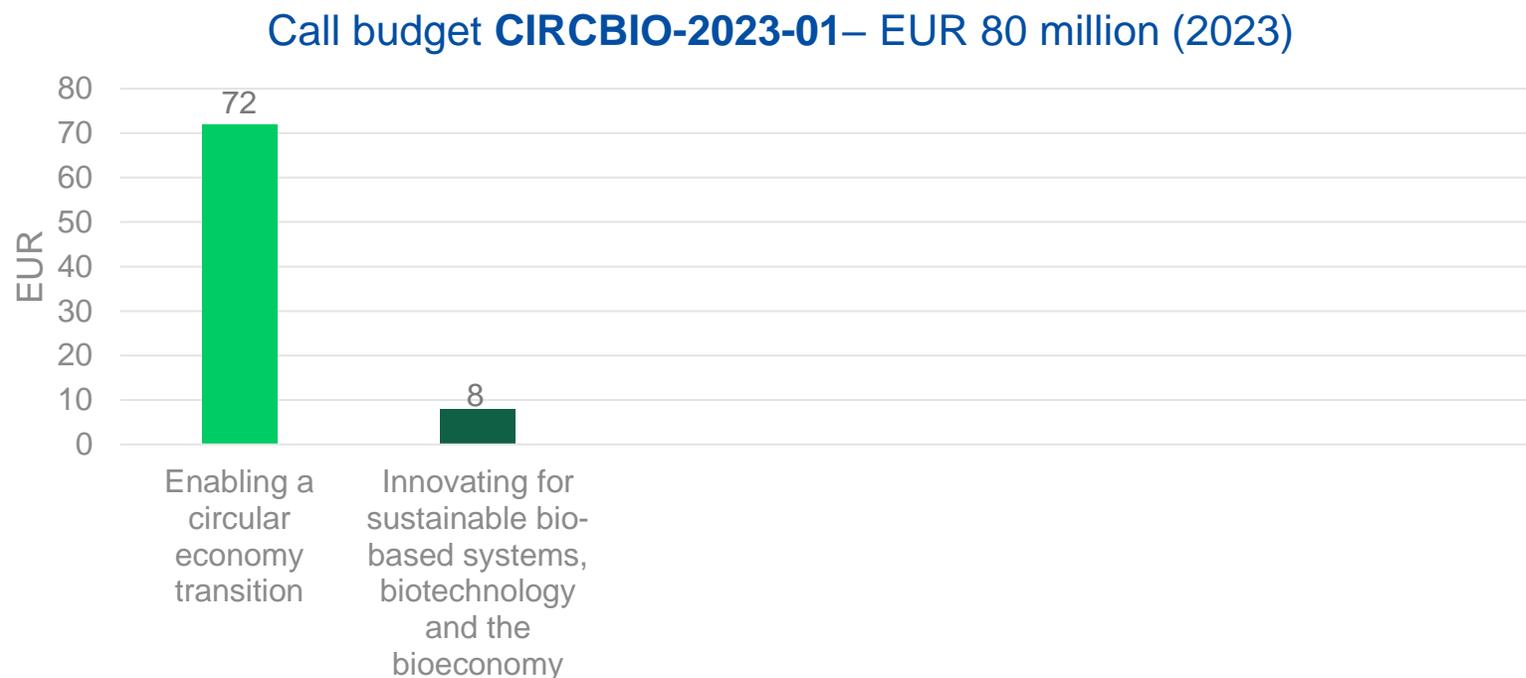
- **Regional, rural, local/urban and consumer-based transitions towards a sustainable, regenerative, inclusive and just circular economy and bioeconomy** across all regions of Europe based on enhanced knowledge and understanding of science;
- European **industrial sustainability, competitiveness and 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.

HORIZON-CL6-2023-CIRCBIO-01



Call data:

- Opening: **22 December 2022**
- Deadlines: **28 March 2023 (first stage) + 26 September 2023 (second stage)**
- Number of topics: **3**, of which **1 RIAs** (Research & Innovation Actions), **2 IAs** (Innovation Action)
- Number of projects expected to be funded: **10**



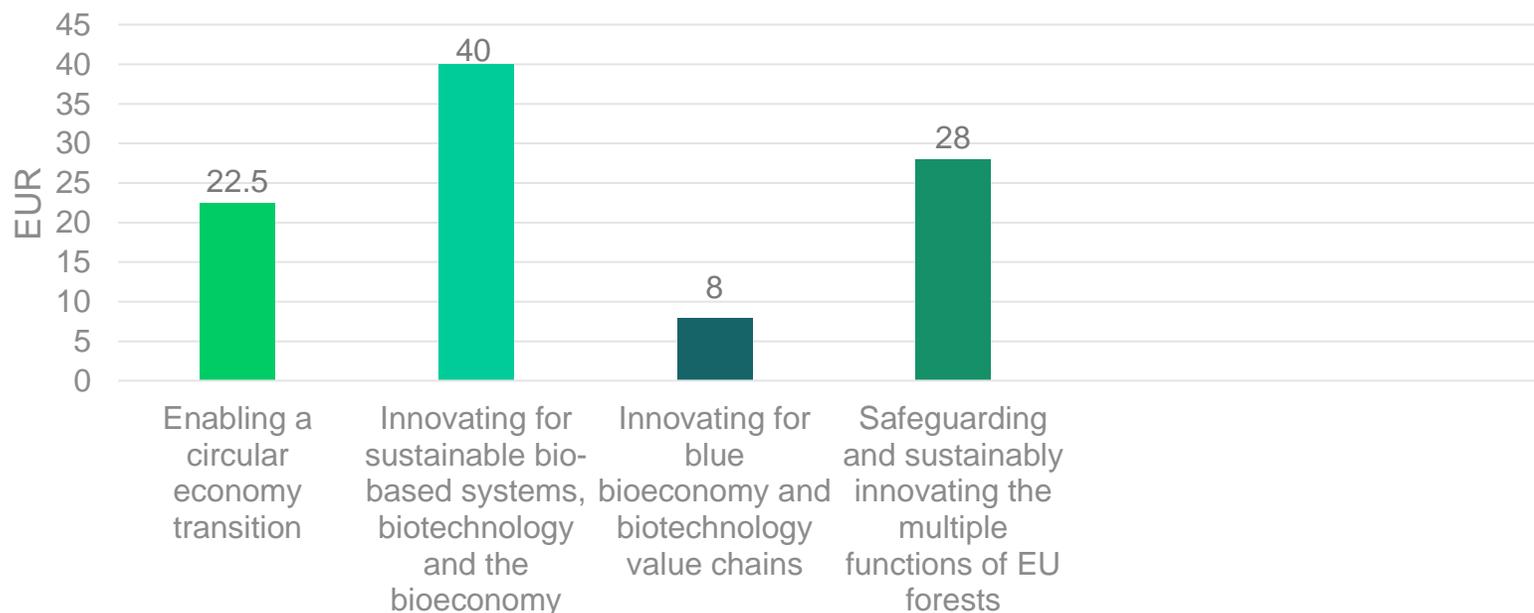
HORIZON-CL6-2023-CIRCBIO-02



Call data:

- Opening: **22 December 2022**
- Deadline: **28 March 2023**
- Number of topics: **14**, of which **6 RIAs** (Research & Innovation Actions), **4 IAs** (Innovation Action), **5 CSAs** (Coordination and Support Actions)
- Number of projects expected to be funded: **18**

Call budget **CIRCBIO-2023-01**– EUR 98.5 million (2023)



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

- 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, while strengthening EU & Associated Countries' positions and roles in the global water scene.
- Balanced **N/P flows** within safe ecological boundaries at regional and local level, helping ecosystems.
- 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 – CLEAN ENVIRONMENT AND ZERO POLLUTION



**Halting
emissions of
pollutants to
soils and waters**



**Protecting
drinking water
and managing
urban water
pollution**



**Addressing
pollution of
seas and
oceans**



**Increasing
environmental
performances
and
sustainability of
processes and
products**



**Reducing the
environmental
impact and
pollution in
food systems**

Topics thematically grouped under 5 headings

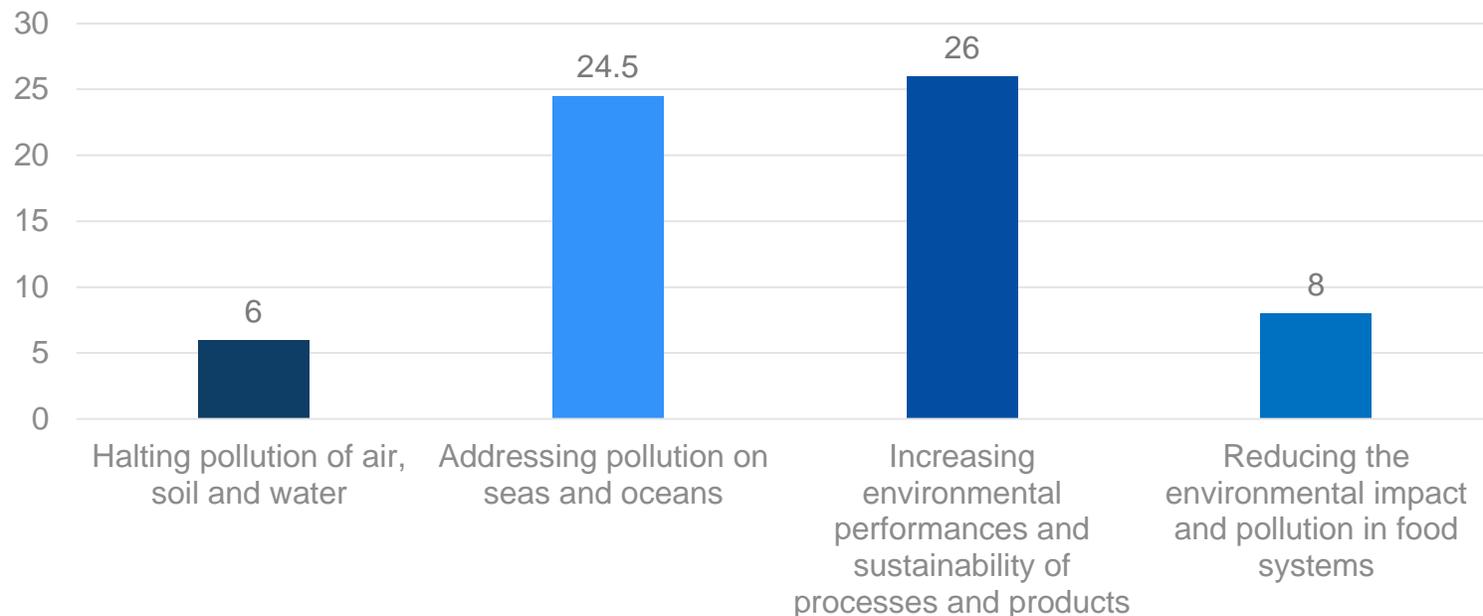
HORIZON-CL6-2023-ZEROPOLLUTION-01



Call data:

- Opening: **22 December 2022**
- Deadline: **28 March 2023**
- Number of topics: **7**, of which **6 RIAs** (Research & Innovation Actions), **1 IA** (Innovation Action)
- Number of projects expected to be funded: **13**

Call budget **2023-ZEROPOLLUTION-01**: EUR 64.5 million
(2023)



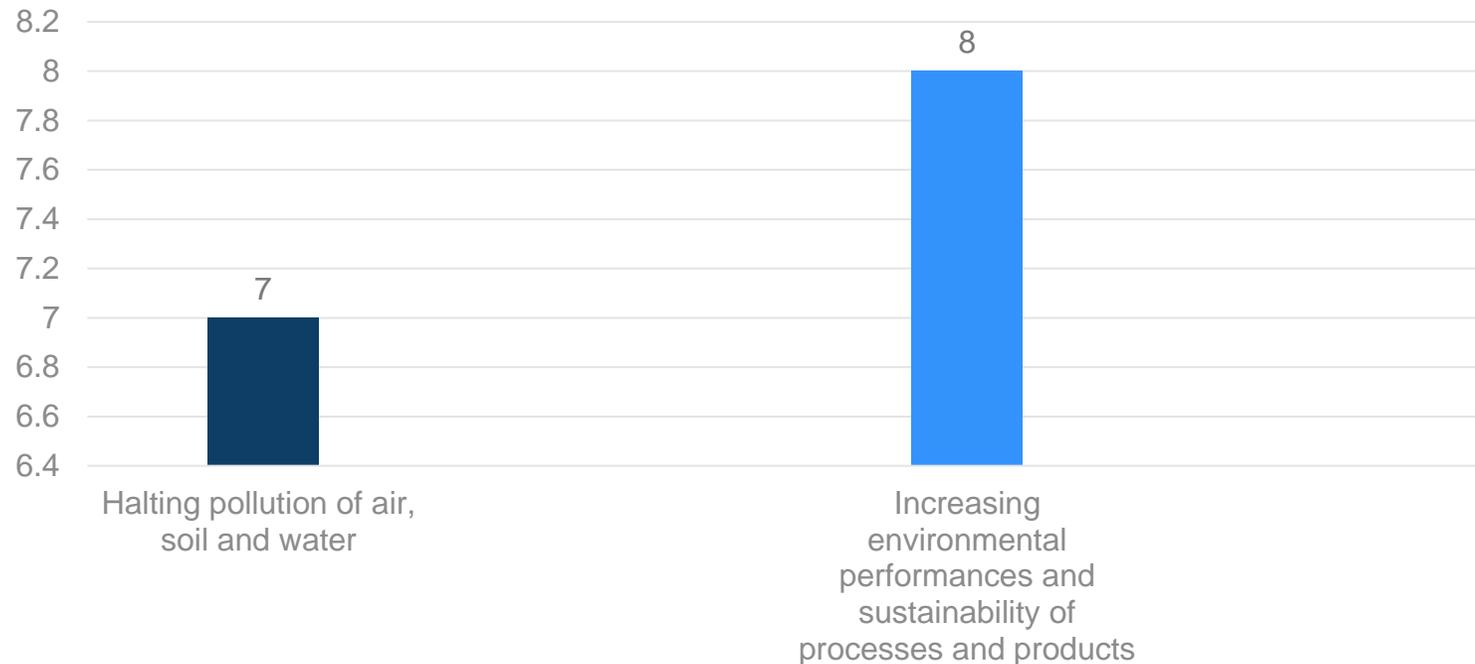
HORIZON-CL6-2023-ZEROPOLLUTION-02



Call data:

- Opening: **22 December 2022**
- Deadline: **28 March 2023 (first stage) + 26 September 2023 (second stage)**
- Number of topics: **2**, both **RIAs** (Research & Innovation Actions)
- Number of projects expected to be funded: **3**

Call budget **2023-ZEROPOLLUTION-02**: EUR 15 million (2023)



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

No headings under this Destination



Expected impacts

- 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.

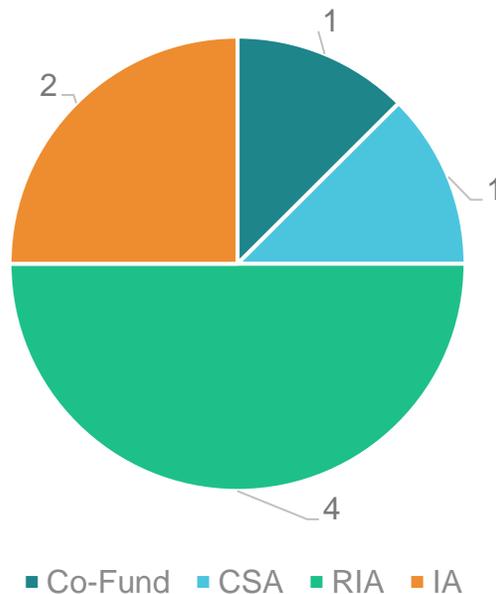
HORIZON-CL6-2023-CLIMATE-01



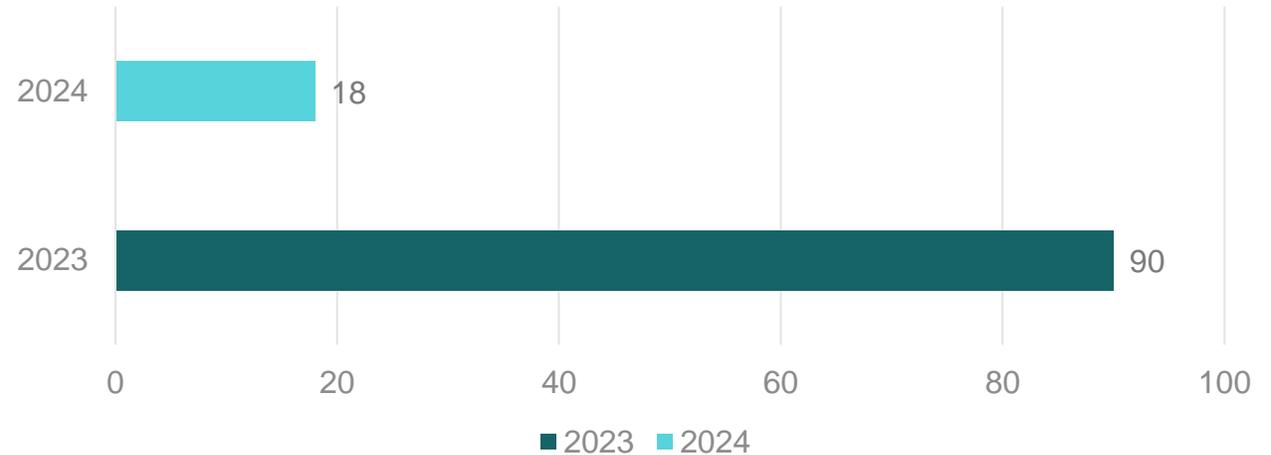
Call data:

- Opening: **22 December 2022**
- Deadline: **12 April 2023**
- Number of topics: **8**, of which **1 COFUND** (Co-funded partnership), **1 CSA** (Coordination & support action), **4 RIAs** (Research & Innovation Actions), **2 IA** (Innovation Actions),
- Number of projects expected to be funded: **13**

Type of Action



Call budget 2023-CLIMATE-01: EUR 90 million (2023) + 18 million (2024)



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

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**.

No headings under this Destination



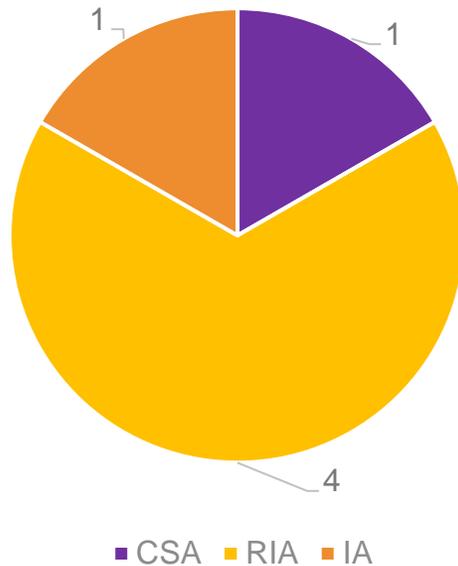
HORIZON-CL6-2023-COMMUNITIES-01



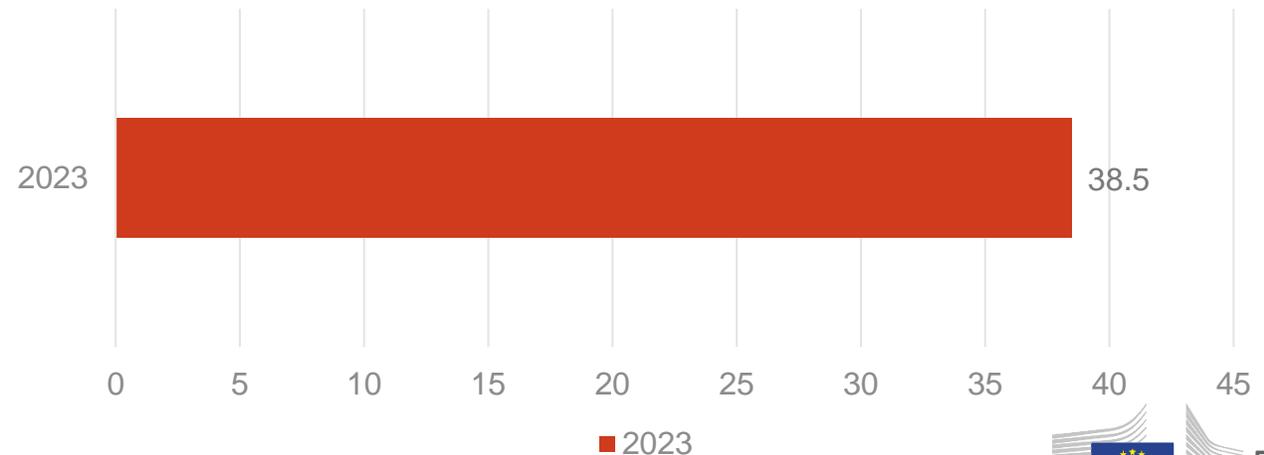
Call data:

- Opening: **22 December 2022**
- Deadline: **12 April 2023**
- Number of topics: **6**, of which **1 CSA** (Coordination & support action), **4 RIAs** (Research & Innovation Actions), **1 IA** (Innovation Actions),
- Number of projects expected to be funded: **8**

Type of Action



Call budget **2023-CLIMATE-01**: EUR 38.5 million (2023)



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

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



**Innovating with
governance
models and
supporting policies**



**Deploying and
adding value to
Environmental
Observations**



**Digital and data
technologies as
key enablers**



**Strengthening
agricultural knowledge
and innovation systems**

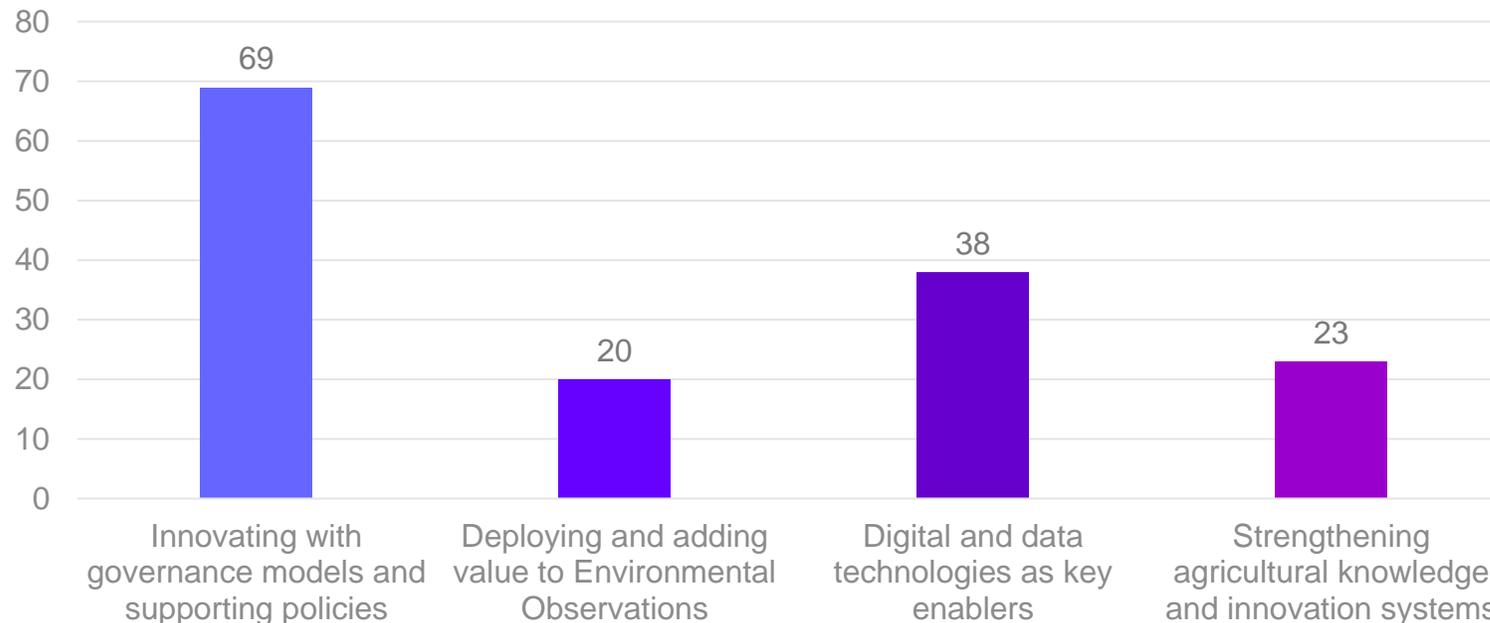
Topics thematically grouped under 4 headings

HORIZON-CL6-2023-GOVERNANCE-01

Call data:

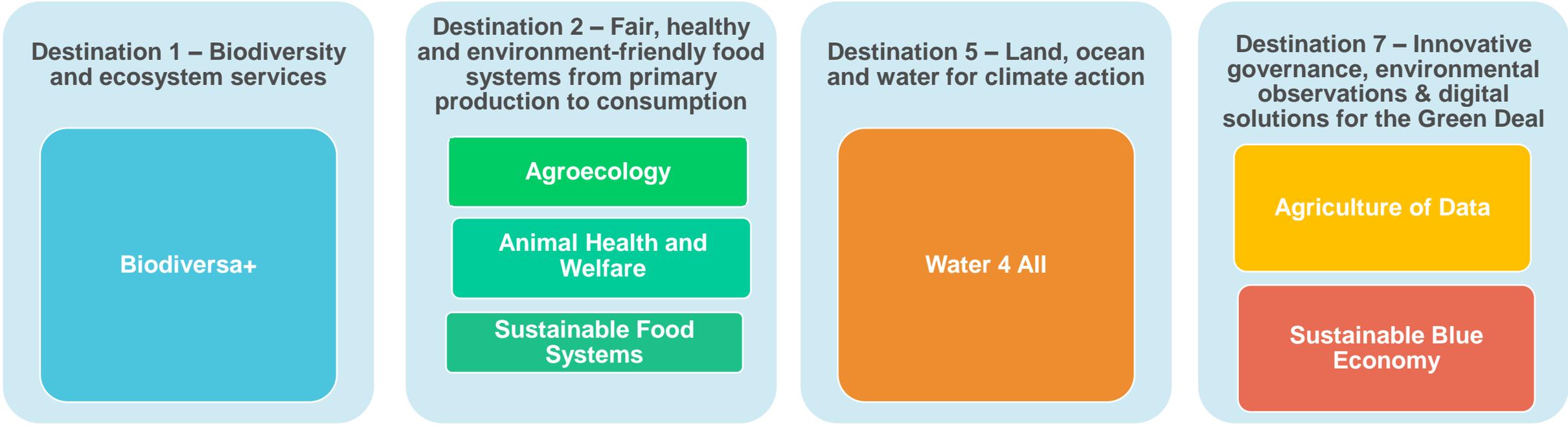
- Opening: **22 December 2022**
- Deadline: **23 March 2023**
- Number of topics: **22**, of which **1 COFUND** (Co-funded partnership), **11 RIAs** (Research & Innovation Actions), **10 CSA** (Coordination & support action)
- Number of projects expected to be funded: **27**

Call budget **2023-GOVERNANCE-01**: EUR 130 million (2023) +
20 million (2024)





Co-funded partnerships in Cluster 6



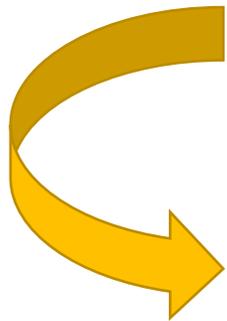
Biodiversa+, Water4All, SBEP → launched in WP 2021-2022



Fostering synergies in Cluster 6



- Approach of the Commission: ‘synergies by design’
- In CL6 we pursue it in all phases of WP co-creation
- **Annex IV** Horizon Europe Regulation:
 - Requires seeking synergies with other EU programmes & funding instruments (e.g., LIFE, CAP, ERDF, EMFAF, Erasmus+, ESF, Innovation Fund, Just Transition Fund, Digital Europe etc.)



Factsheet on ‘Boosting innovation through synergies with Horizon Europe’
<http://bitly.ws/x3Sf>

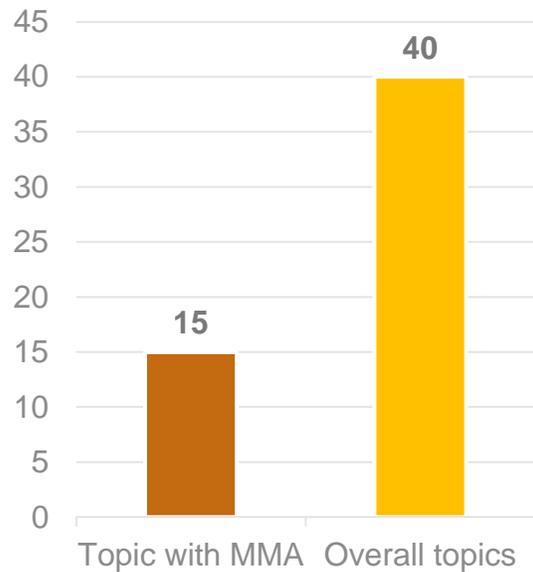




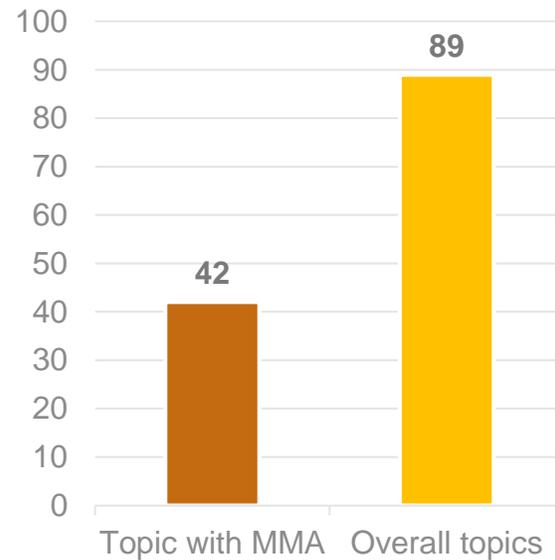
Cross-cutting issues: Multi-Actor Approach

- The Multi-Actor Approach (MMA) is required by **82** out of 176 topics (**47%**)
 - **37,5%** of IAs, **47%** of RIAs, **59%** of CSAs + **2** Co-funded partnerships require MMA

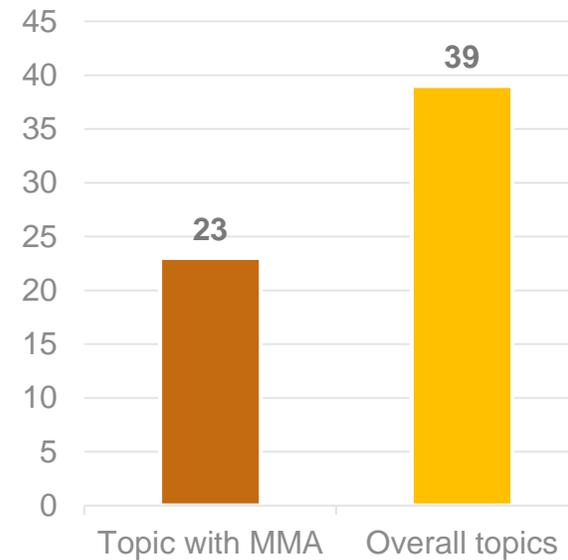
IAs



RIAs



CSAs



Destinations	N. topics
D1	8
D2	27
D3	9
D4	3
D5	7
D6	7
D7	21



Focus on the 'Multi-Actor Approach' (MAA)

- **Eligibility criterion** and an integral part of the topic text (i.e., it applies to 41% of 2023 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





Focus on the ‘Multi-Actor Approach’ (MAA)

Which requirements?

- Project objectives must be targeting **the needs and opportunities of end-users of results**
- The project concept and composition of the consortium must reflect a balanced choice of **key relevant actors with complementary knowledge, able to ensure broad implementation**
- All actors actively involved **all over the whole course of the project** as from the planning phase.
- **Cross-fertilization** during the project must integrate tacit and practical knowledge
- Use methods to facilitate the **multi-actor engagement** process
- **Demonstrate added value**: how does the project complement existing research and best practices?
- Results must be **practical**, easily understandable and feed into the most used dissemination channels for end-users
- For EU wide communication: “**practice abstracts**” in the common EIP format for areas related to EIP-AGRI and CAP
- When applicable, it is **strongly recommended** to involve as much as possible local interactive innovation groups.



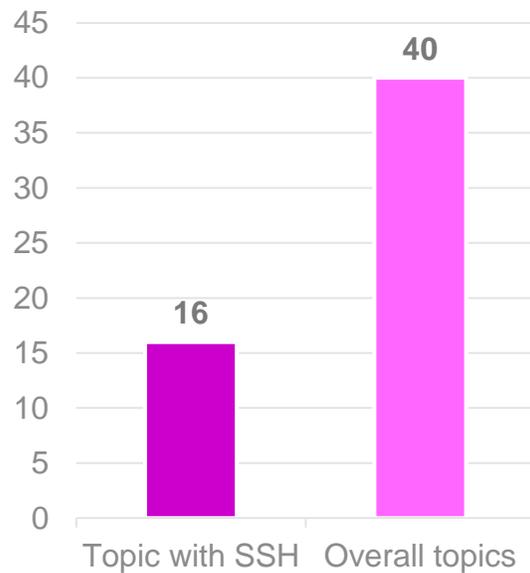


Cross-cutting issues: Social Science and Humanities (SSH)

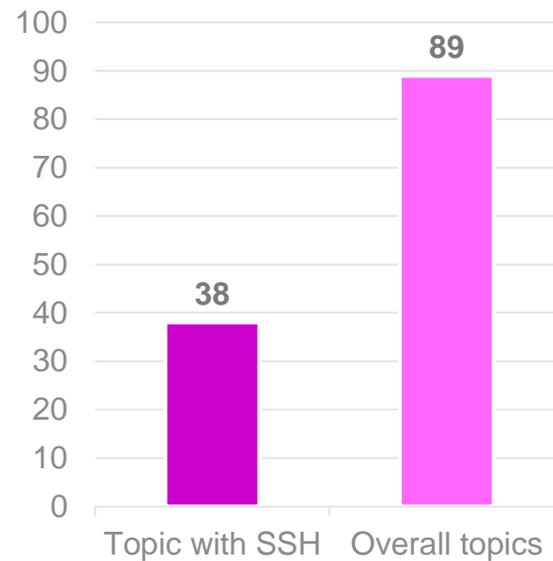


- The integration of Social Sciences and Humanities (SSH) is foreseen in 71 out of 176 topics (40%)
 - 40% of IAs, 43% of RIAs, 33% of CSAs + 4 Co-fund
 - **Most used sentence in CL6:** 'This topic should involve the effective contribution of SSH disciplines'

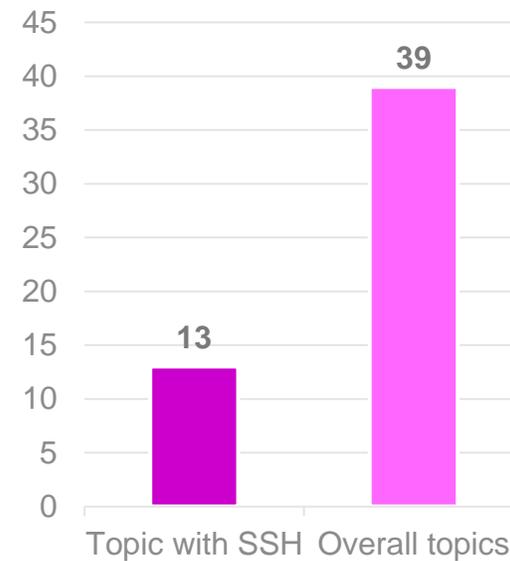
IAs



RIAs



CSAs



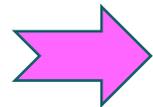
Destination	N. topics
D1	11
D2	6
D3	1
D4	2
D5	-
D6	6
D7	5



Social Sciences & Humanities in Cluster 6



- When SSH are the **main focus of a topic**, the **standard sentence** is used, i.e. ‘*This topic requires the effective contribution of social sciences and humanities (SSH) disciplines and the involvement of SSH experts, institutions as well as the inclusion of relevant SSH expertise, in order to produce meaningful and significant effects enhancing the societal impact of the related research/innovation activities*’, thereby putting a **specific requirement for SSH expertise** in the consortium to be presented in section 3.2 of the implementation part of the proposal (in addition to the integration of SSH in the scientific methodology).
- When in the scope of a topic it is specified that ‘*This topic should involve the effective contribution of social sciences and humanities (SSH) disciplines*’, an effective contribution from SSH is also expected, like any other elements preceded in the scope by the verb “should”. Proposals not having SSH involved, under topics with this sentence may be considered admissible but risk being penalised since **SSH will be part of the scientific methodology assessed under the ‘excellence’ criterion**. However the requirement is more limited as, for instance, such proposals do not have to demonstrate the involvement of SSH institutions.
- On SSH see also slide 34 of the general expert briefing: [PowerPoint Presentation \(europa.eu\)](#) and watch the video on how to evaluate SSH in Horizon Europe: [Funding & tenders \(europa.eu\)](#)

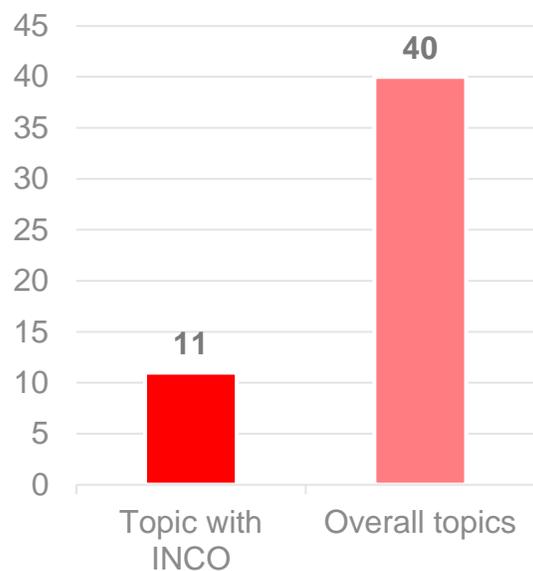




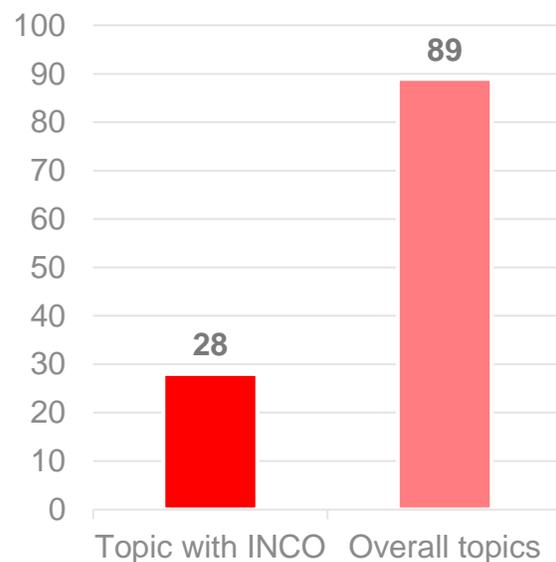
Cross-cutting issues: International Cooperation

- 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'.

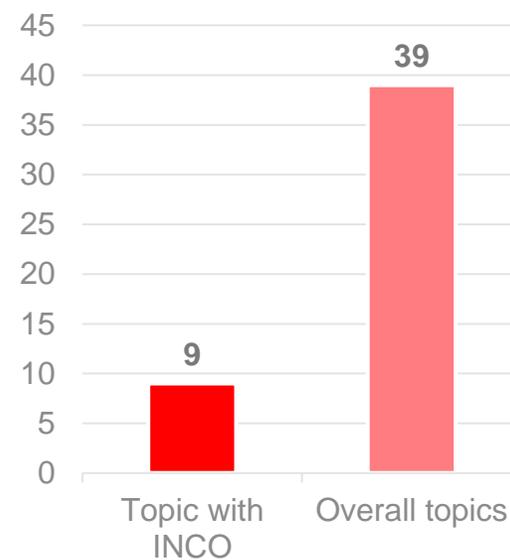
IAs



RIAs



CSAs

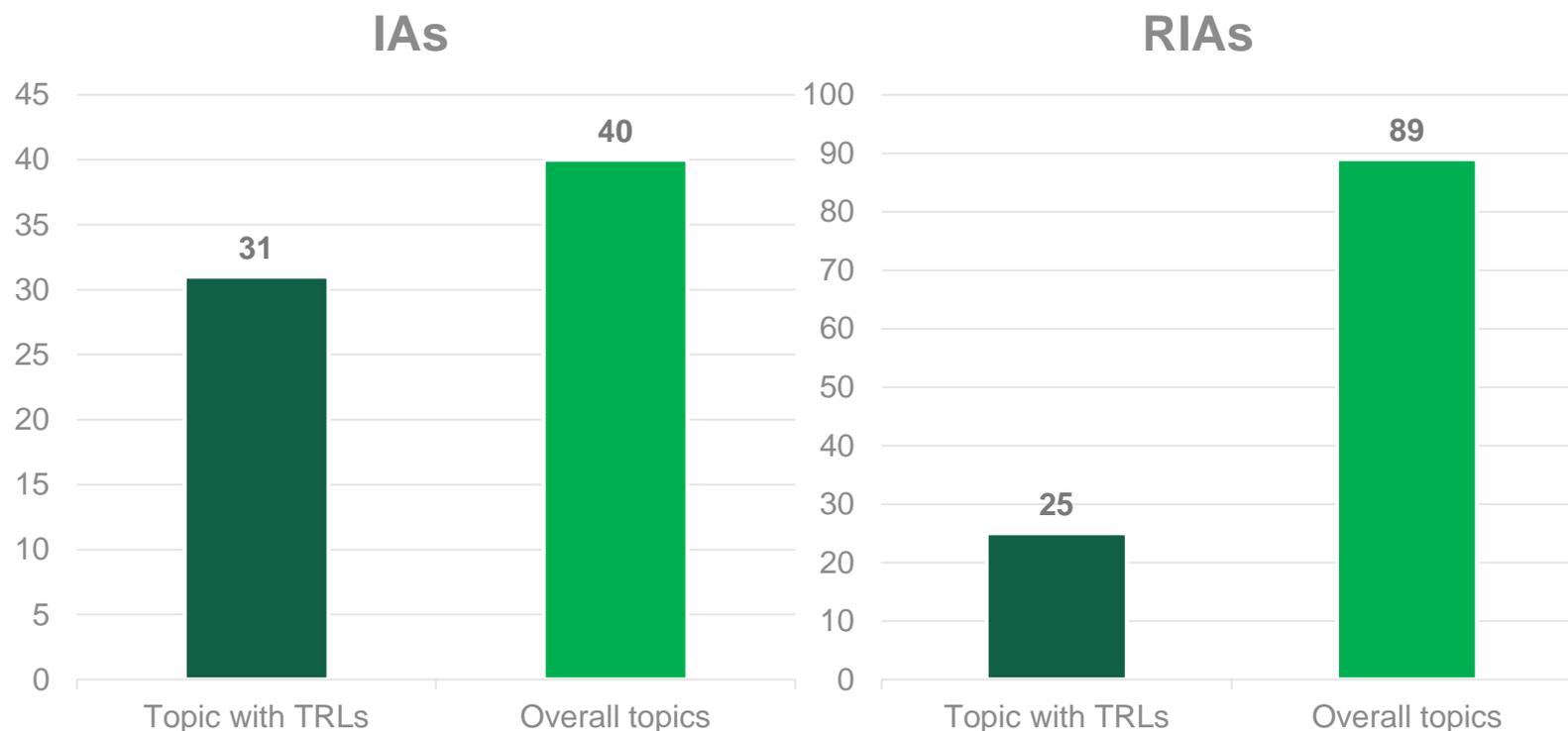


Destinations	N. topics
D1	12
D2	13
D3	6
D4	6
D5	4
D6	3
D7	8



Cross-cutting issues: TRLs

- Technological Readiness Levels required by 56 out of 176 topics (32%)
 - 77,5% of IAs require TRLs and 28% of RIAs

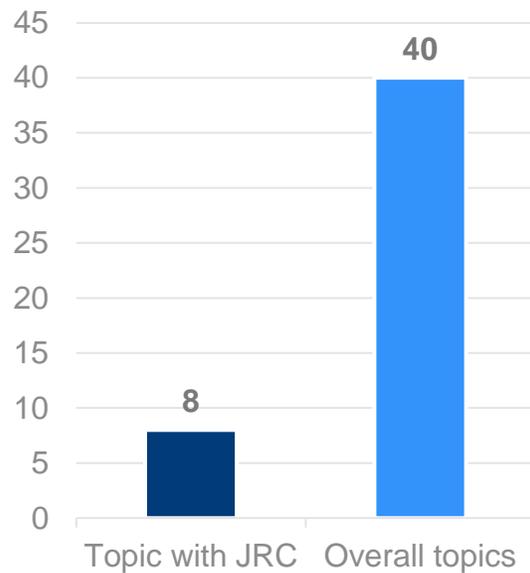


Destinations	N. topics
D1	5
D2	14
D3	21
D4	9
D5	4
D6	-
D7	3

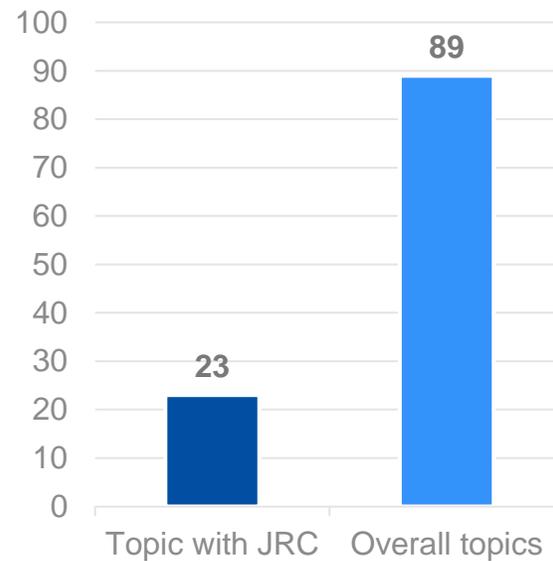
Cross-cutting issues: JRC participation

- Topics where the Joint Research Centre (JRC) may participate as member of the consortium selected for funding are **39** out of 176 topics (**22%**)
 - **20%** of IAs, **26%** of RIAs, **18%** of CSAs + **1** Co-fund
 - Cooperation with JRC is however encouraged in **more topics**

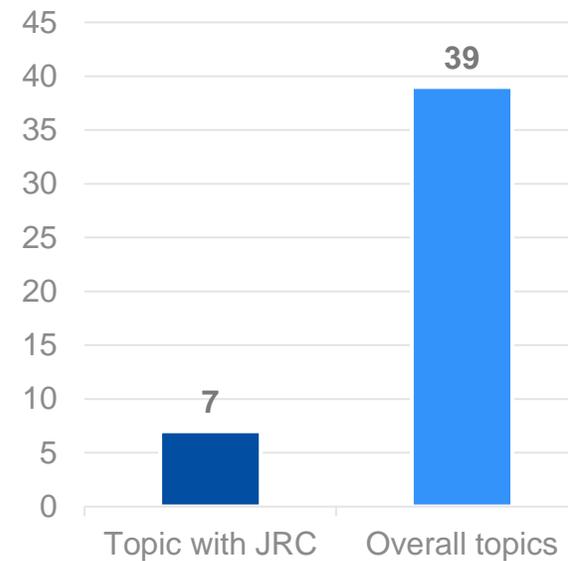
IAs



RIAs



CSAs



Destinations	N. topics
D1	10
D2	15
D3	1
D4	2
D5	3
D6	1
D7	7

Cluster 6 Info Days & Brokerage Event



- Cluster 6 Info Days – online (13/14 December):
- The recordings of the sessions, together with the related PPTs are available on the event’s website. In order to access the presentations, please click on **“Show details”** on the respective session’s page:
- <https://research-innovation-community.ec.europa.eu/events/2tcohVdY0dfgCvuJRj8RTw/programme>

Add to favourites 

Watch replay 

Show details 

- Cluster 6 NCP brokerage event – online (19 December):
- Registrations for the **brokerage event** are still possible.
- The platform will remain open until the **end of January 2023**, and meetings can be arranged and held continuously during this period: <https://he-2023-cluster6.b2match.io/>

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Thank you!

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