THE EU RESEARCH & INNOVATION PROGRAMME

2021 – 2027

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European Commission
DG Research and Innovation
Unit C.5 Ecological and Social Transitions
26 October 2023

NATIONAL INFO DAY – ITALY

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

Cluster 6 Work Programme 2023-2024 – general information

European Commission

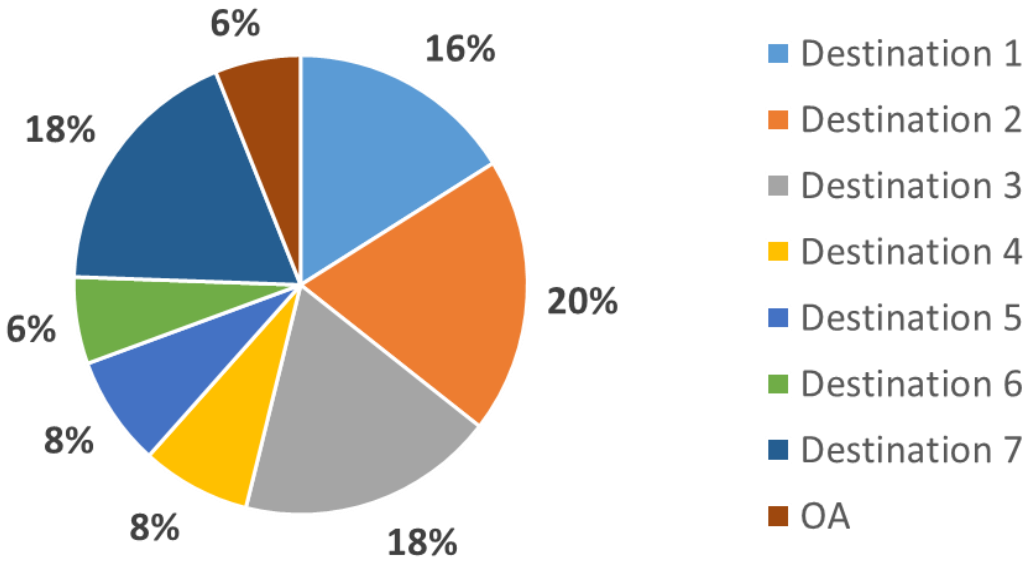
Cluster 6: from Expected Impacts to Destinations

Strategic Plan 2021-2024	Work Programme 2023-2024	
Impact 1 Climate neutrality and adaptation to climate change	• **Destination 5:** Land, oceans and water for climate action	
Impact 2 Preservation and restoration of biodiversity and ecosystems	• **Destination 1:** Biodiversity and ecosystem services	
Impact 3 Sustainable and circular management of natural resources; tackling pollution; bioeconomy	• **Destination 3:** Circular economy and bioeconomy sectors • **Destination 4:** Clean environment and zero pollution	
Impact 4 Food and nutrition security for all from sustainable food systems from farm to fork	• **Destination 2:** Fair, healthy and environmentally-friendly food systems from primary production to consumption	
Impact 5 Balanced development of rural, coastal and urban areas	• **Destination 6:** Resilient, inclusive, healthy and green rural, coastal and urban communities	
Impact 6 Innovative governance models enabling sustainability, environmental observation	• **Destination 7:** Innovative governance, environmental observations and digital solutions in support of the Green Deal	

Topics per Destination in WP 23-24

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

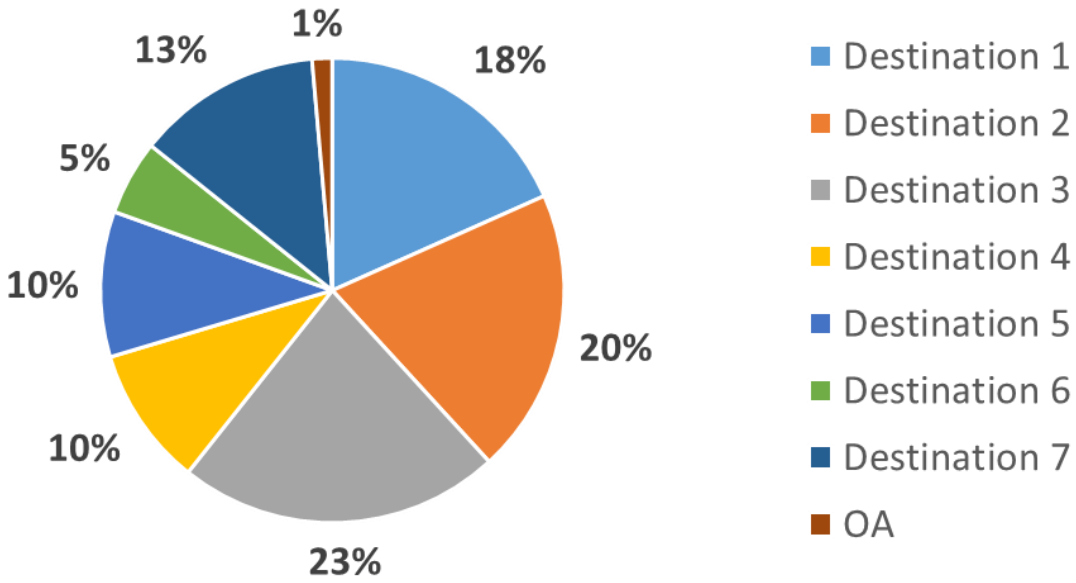


176 topics + 10 other actions non subject to call for proposals
BIODIV, FARM2FORK and GOVERNANCE gathering the most topics

Budget per Destination in WP 23-24

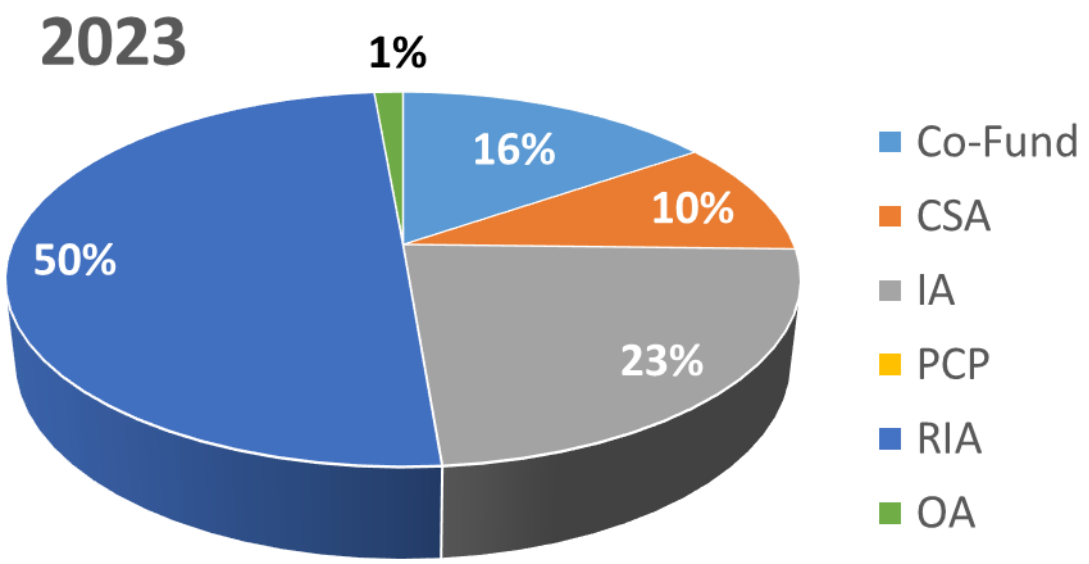
Destinations	Budget (*) [mln EUR]
1. Biodiversity and Ecosystem Services	266
2. Fair, healthy and environmentally-friendly food systems from primary production to consumption	288
3. Circular economy and bioeconomy sectors	327
4. Clean environment and zero pollution	141
5. Land, oceans and water for climate 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**

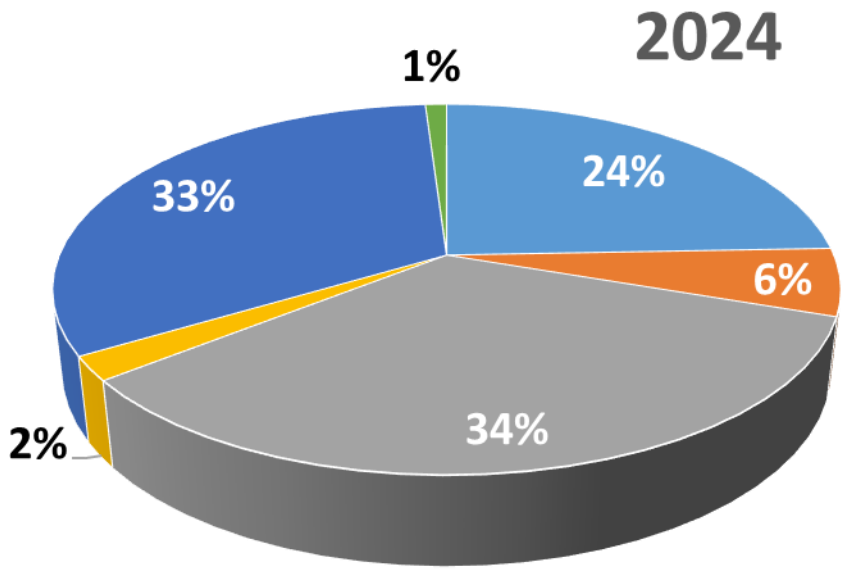
(*): Excluding the 7 Co-funded partnerships



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

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	€	7,9	€	20,6
Total	**€**	**909,7**	**€**	**902,4**	**€**	**1.812,1**

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

Opening date & deadlines of 2024 calls

17 October 2023 is the opening date of all calls

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

75 topics now open!

N. Projects expected to be funded

134

European Commission

NATIONAL HORIZON EUROPE INFO DAY

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

Destination 1 – Biodiversity and ecosystem services

European Commission

CALLS 2024 - BIODIVERSITY AND ECOSYSTEMS 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

European Commission

CALLS 2024 – BIODIVERSITY AND ECOSYSTEMS 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

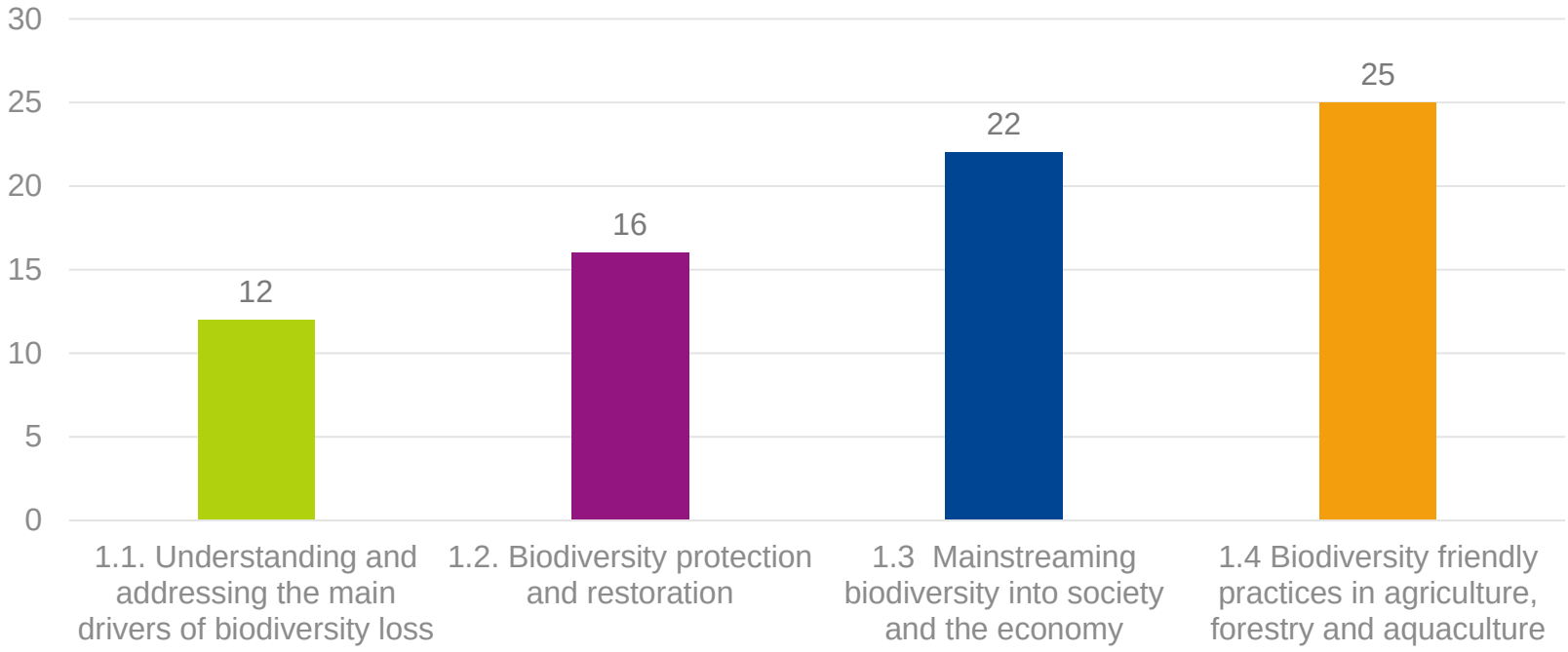
5 topics

European Commission

BIODIVERSITY AND ECOSYSTEM SERVICES

Call HORIZON-CL6-2024-BIODIV-01

Budget BIODIV 2024 Call 01 – 76 M EUR



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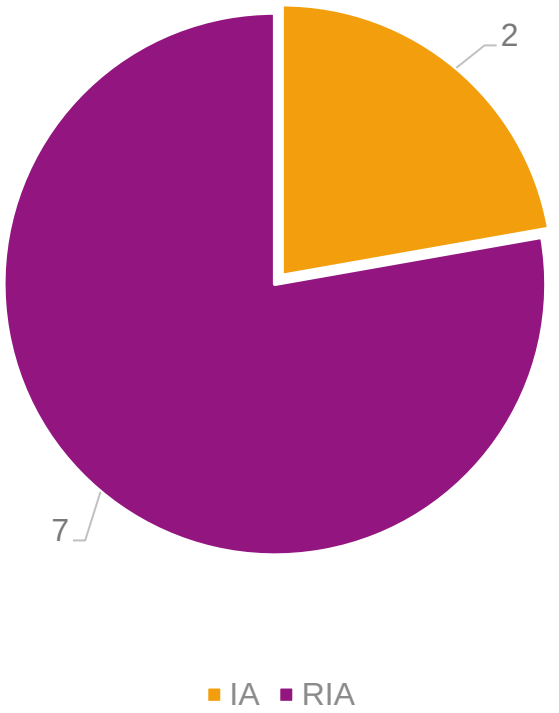


N. Projects expected to be funded

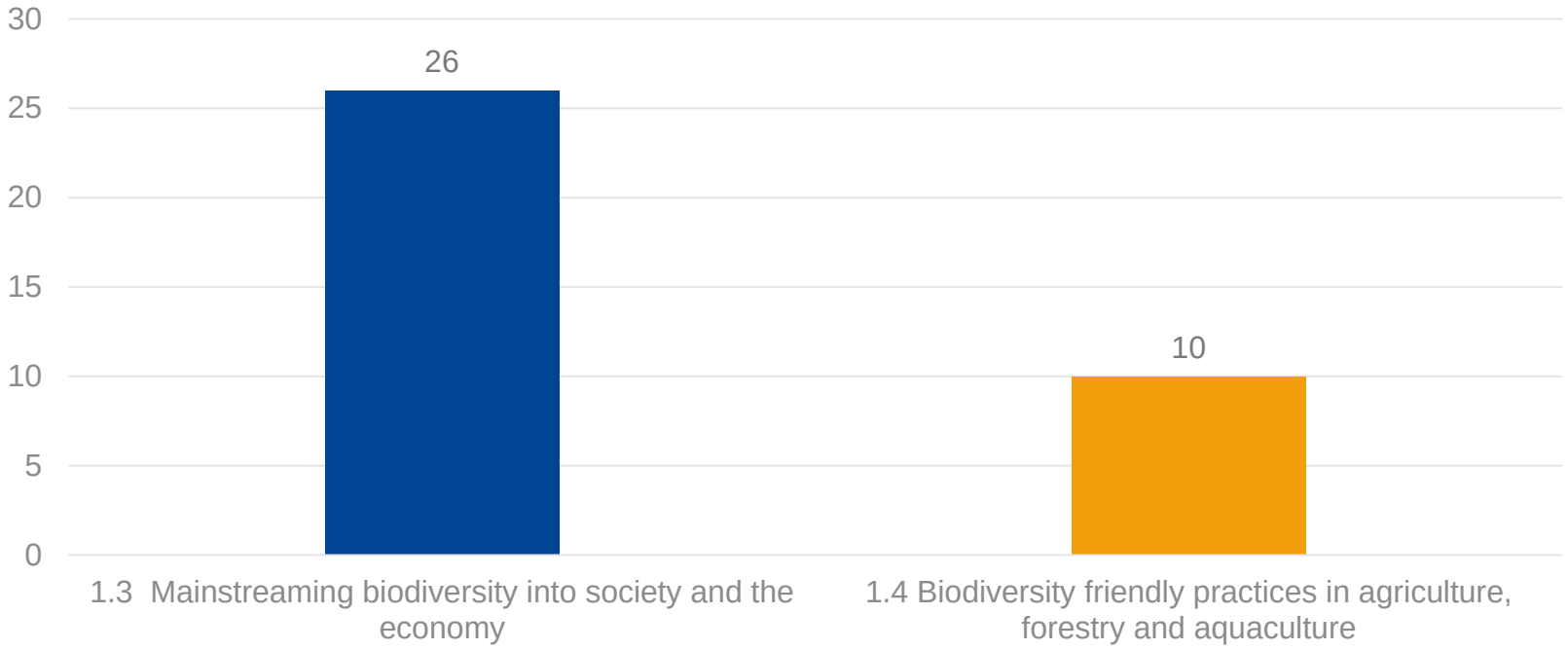
14

European Commission

BIODIVERSITY AND ECOSYSTEM SERVICES

Call HORIZON-CL6-2024-BIODIV-02-two-stage

Budget BIODIV 2024 Call 02 – 36 M EUR



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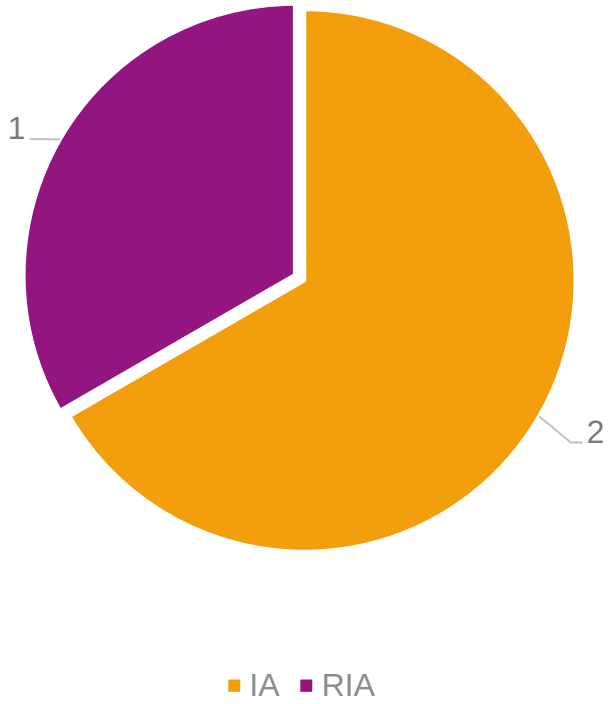

N. Projects expected to be funded

6

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

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

European Commission

CALLS 2024 – 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

European Commission

CALLS 2024 – 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

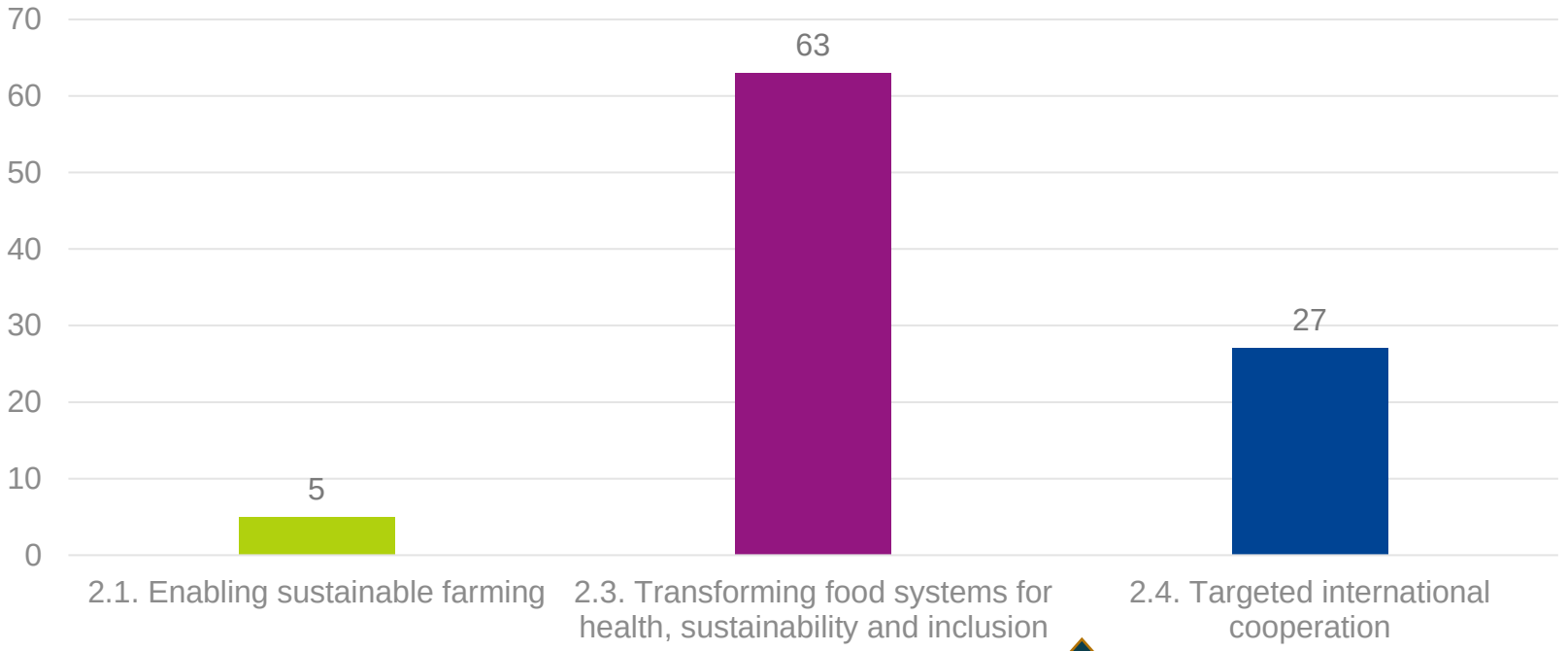
2 topics

European Commission

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

Call HORIZON-CL6-2024-FARM2FORK-01

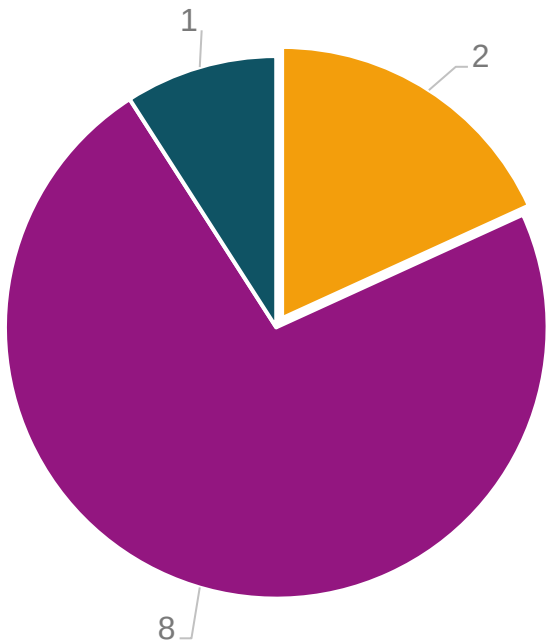
Budget FARM2FORK 2024 Call 01 – 95 M EUR



N. Projects expected to be funded

21

Type of Actions



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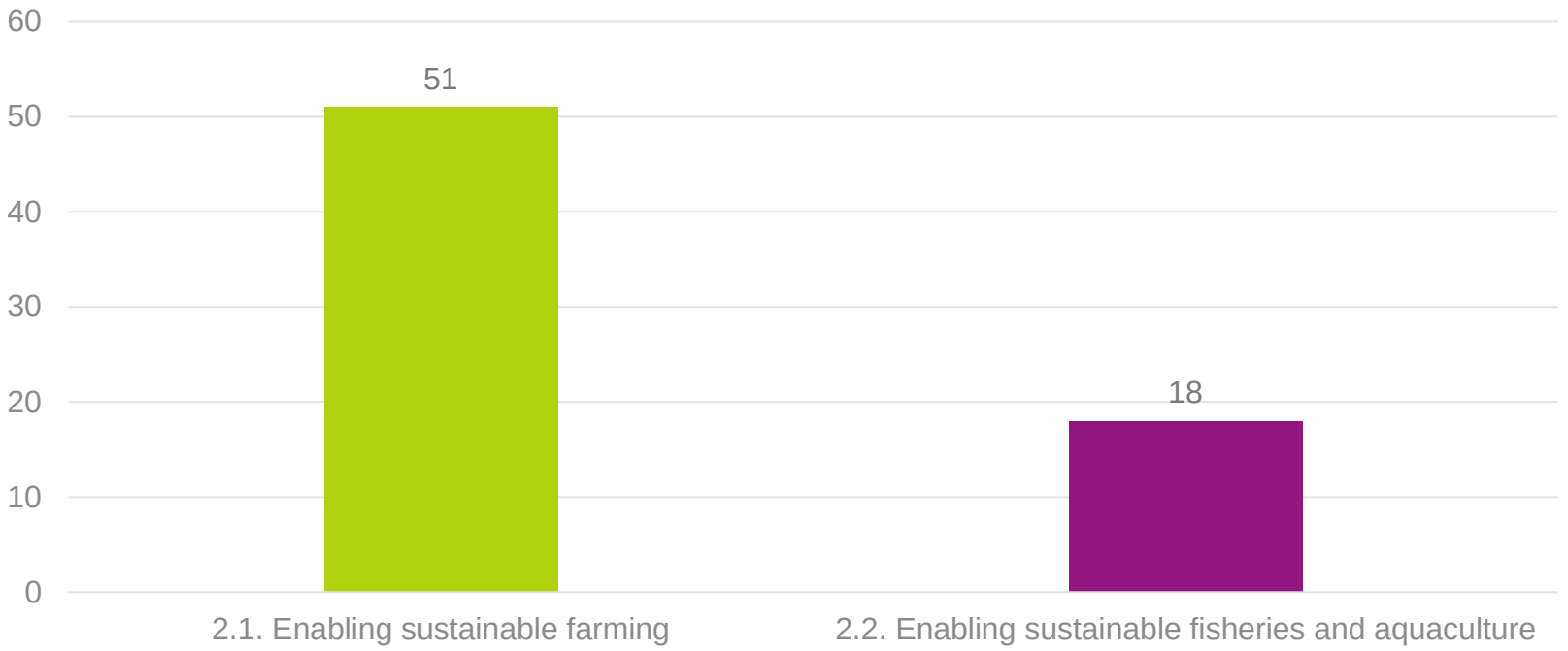
FAIR, HEALTHY AND ENVIRONMENT-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION

Call HORIZON-CL6-2024-FARM2FORK-02-two-stage

Budget FARM2FORK 2024 Call 02 – 69 M EUR



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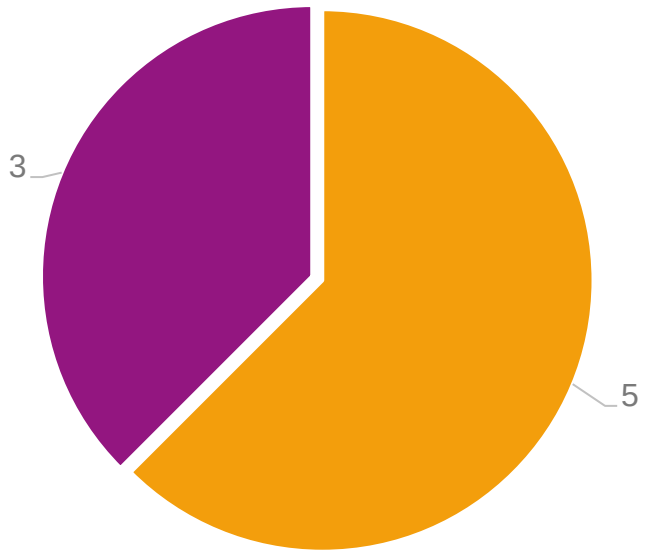

N. Projects expected to be funded

13

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NATIONAL HORIZON EUROPE INFO DAY

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

Destination 3 – Circular economy and bio-based systems

European Commission

CALLS 2024 – 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

European Commission

CALLS 2024 – CIRCULAR ECONOMY AND BIO-BASED SYSTEMS

Enabling a circular economy transition

11 topics

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

6 topics

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

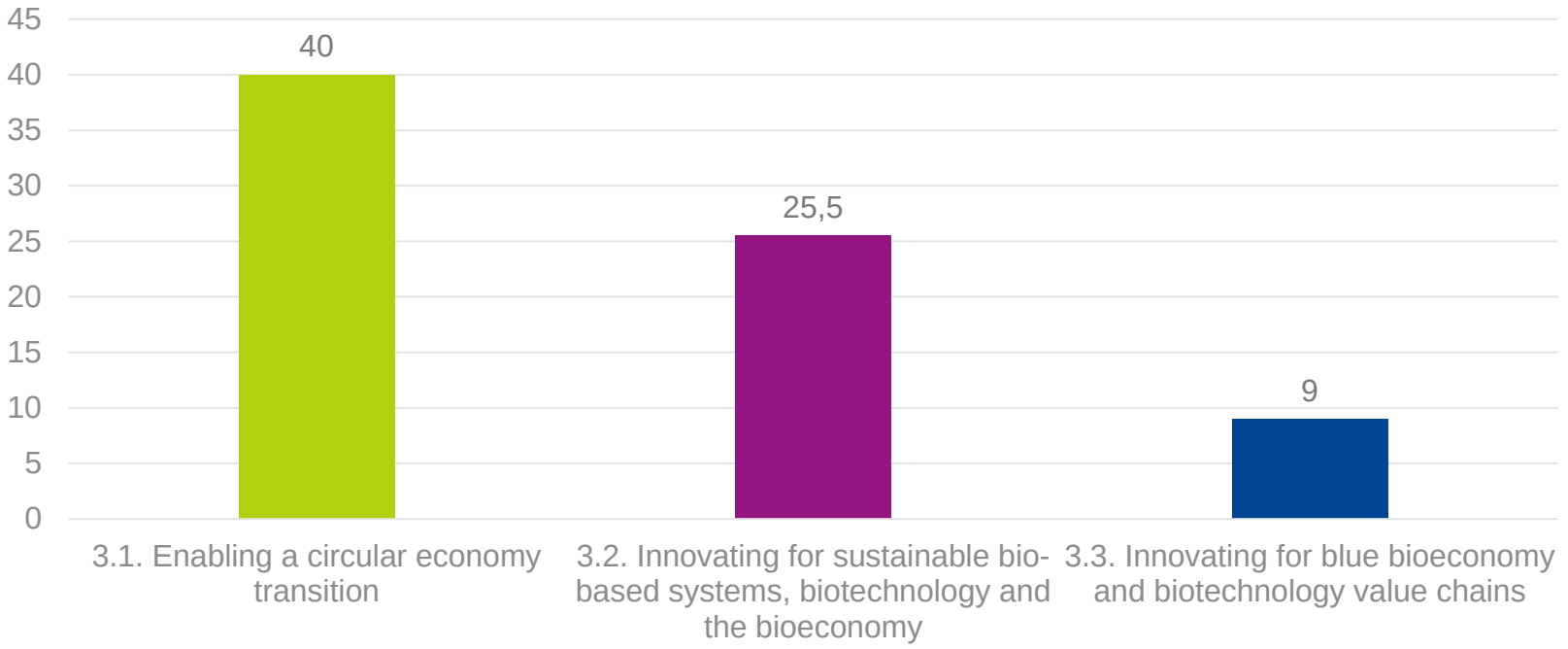
1 topic

European Commission

CIRCULAR ECONOMY AND BIO-BASED SYSTEMS

Call HORIZON-CL6-2024-CIRBIO-01

Budget CIRBIO 2024 Call 01 – 74,5 M EUR



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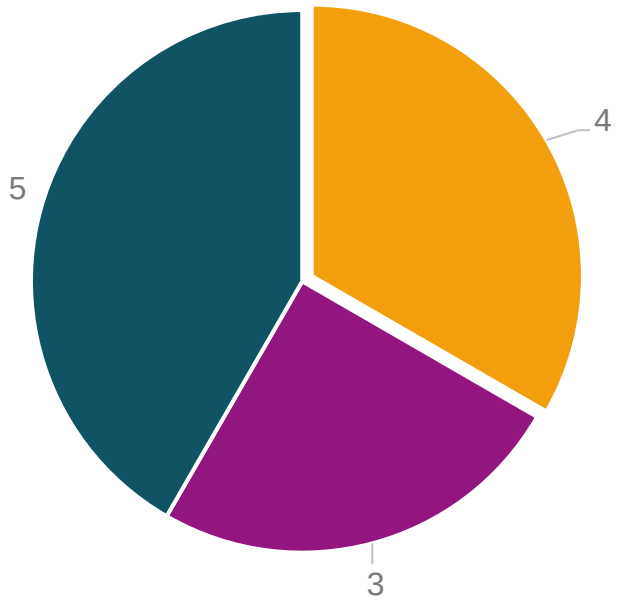


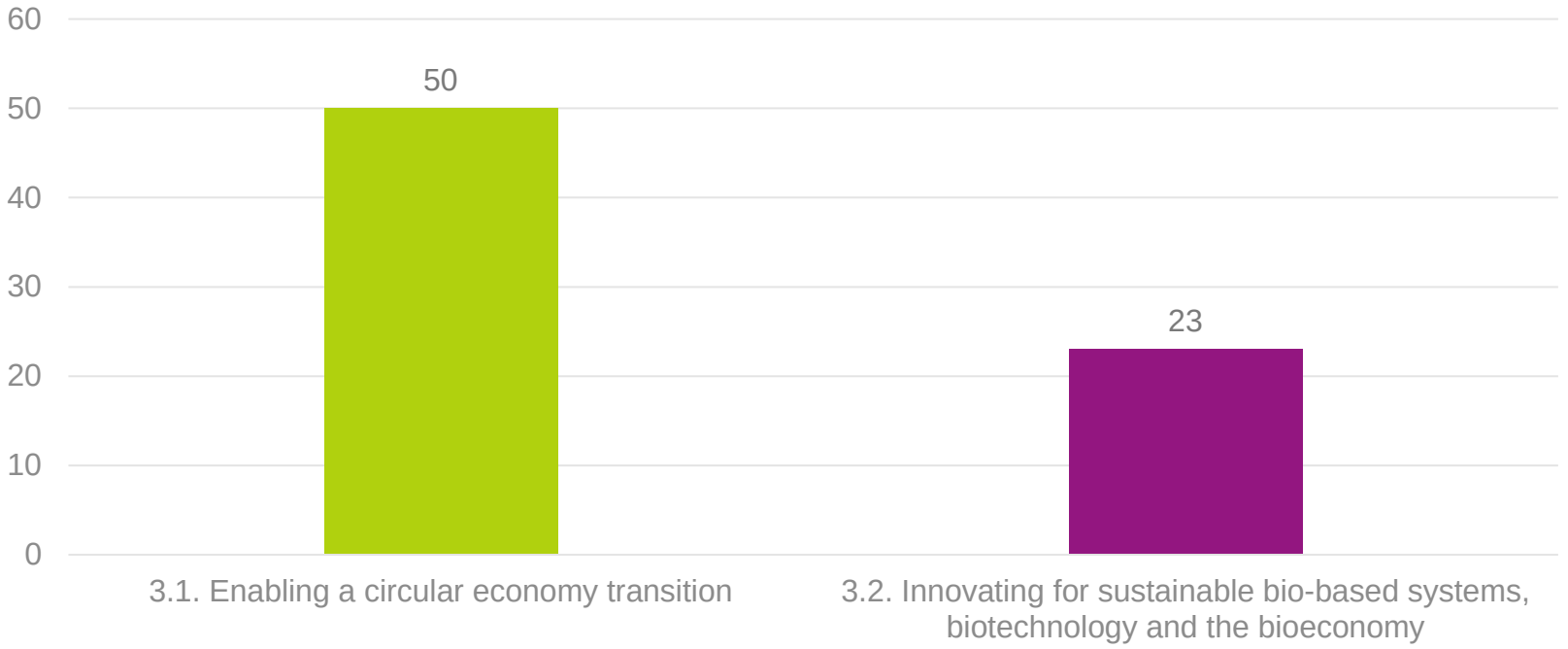
N. Projects expected to be funded **18**

European Commission

CIRCULAR ECONOMY AND BIO-BASED SYSTEMS

Call HORIZON-CL6-2024-CIRBIO-02-two-stage

Budget CIRBIO 2024 Call 01 – 73 M EUR



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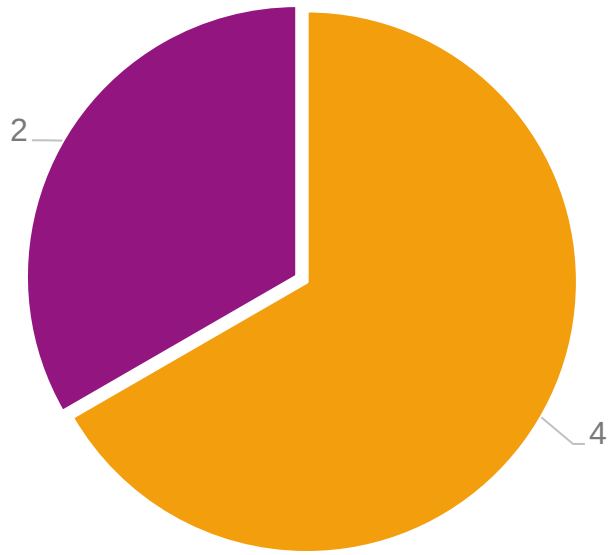


N. Projects expected to be funded

15

European Commission

NATIONAL HORIZON EUROPE INFO DAY

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

Destination 4 – Clean environment and zero pollution

European Commission

CALLS 2024 - 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

European Commission

CALLS 2024 – CLEAN ENVIRONMENT AND ZERO POLLUTION

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

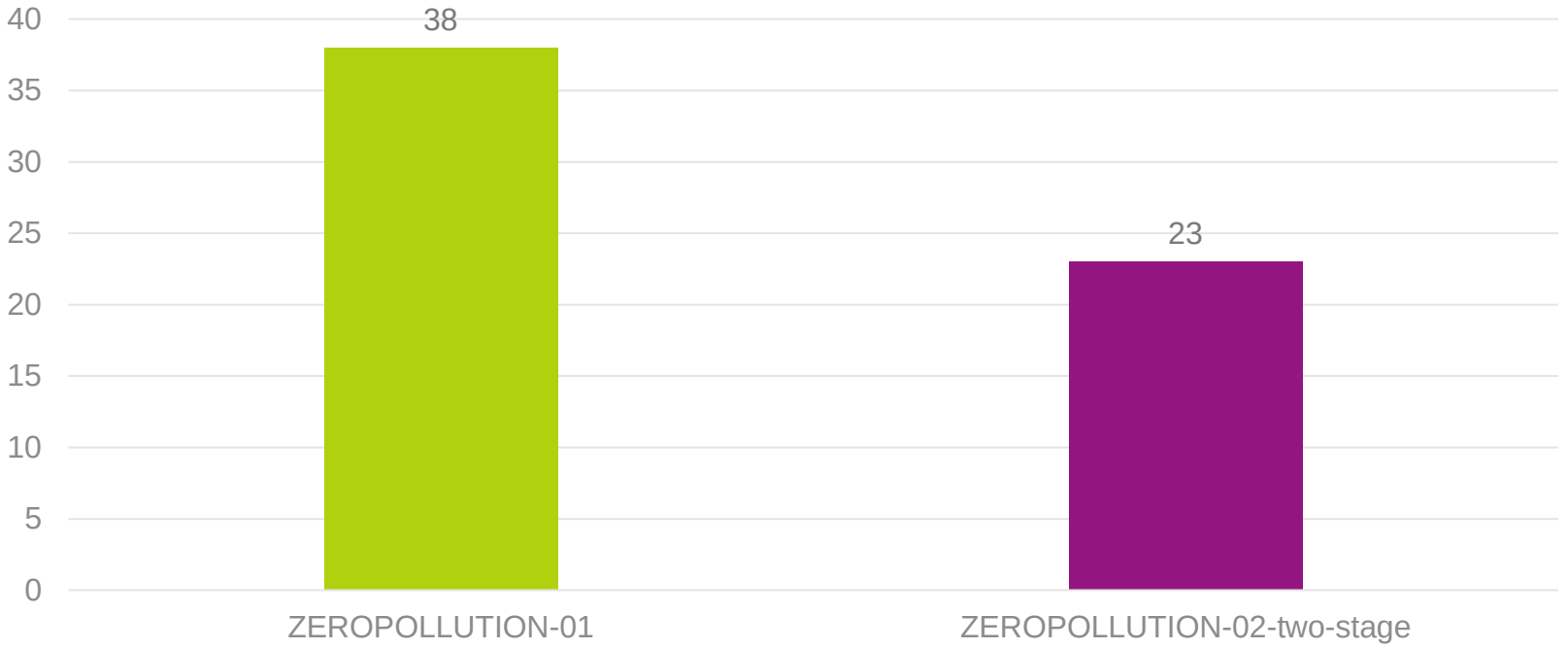
1 topic

European Commission

CLEAN ENVIRONMENT AND ZERO POLLUTION

Calls HORIZON-CL6-2024-ZEROPOLLUTION-01, HORIZON-CL6-2024-ZEROPOLLUTION-02-two-stage

Budget ZEROPOLLUTION 2024 Calls – 61 M EUR



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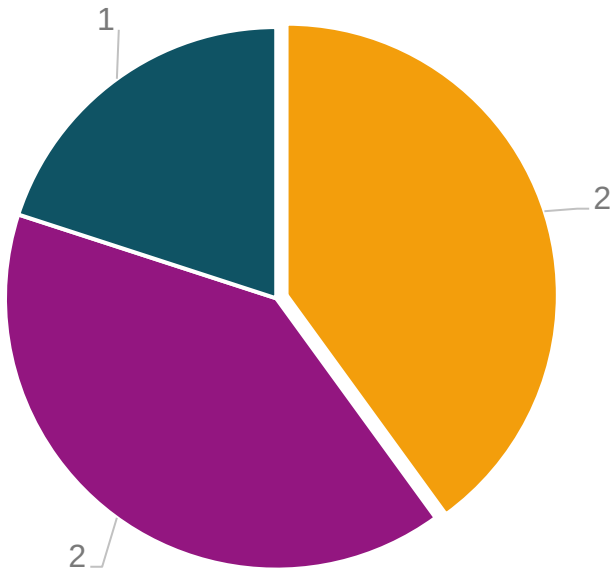


N. Projects expected to be funded **11**

European Commission

NATIONAL HORIZON EUROPE INFO DAY

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

Destination 5 – Land, ocean and water for climate action

European Commission

CALL 2024 – 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*

European Commission

CALL 2024 – LAND, OCEAN AND WATER FOR CLIMATE ACTION

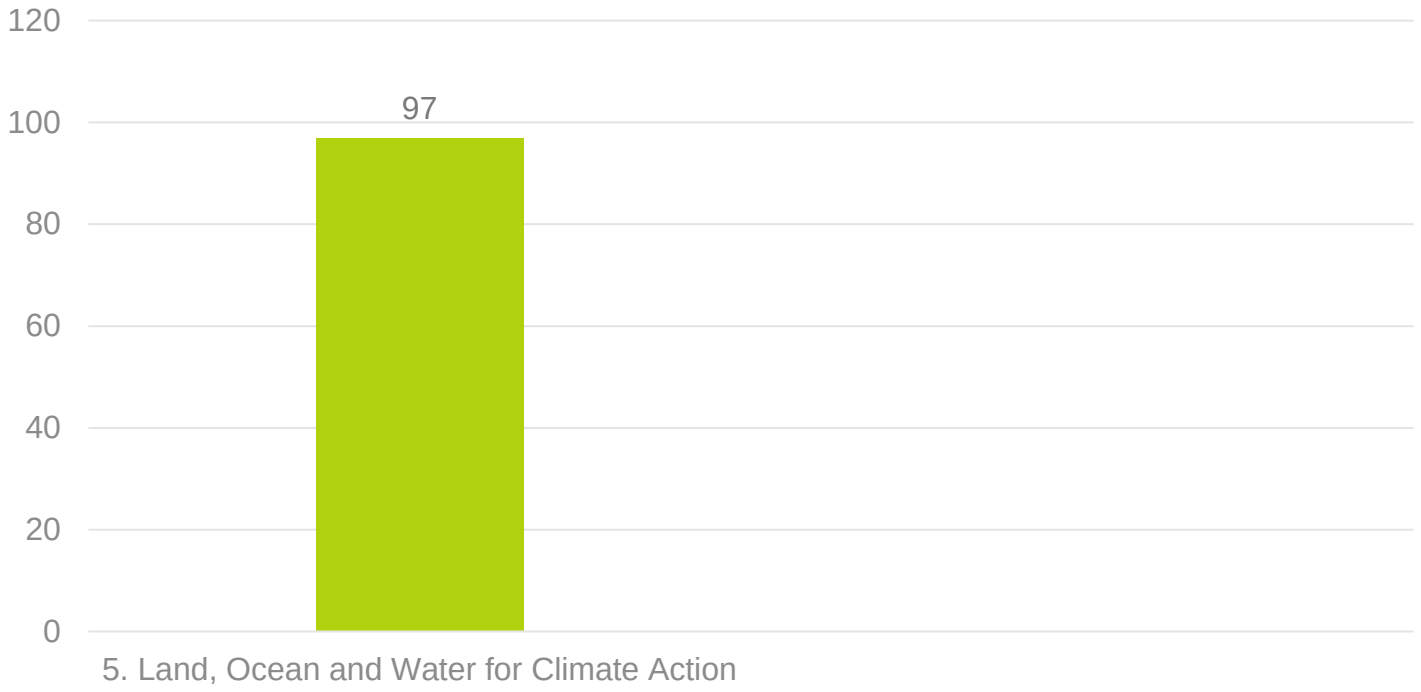
This call is not divided into «*Headings* ». It includes **7 topics** on:

- 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

LAND, OCEAN AND WATER FOR CLIMATE ACTION

Call HORIZON-CL6-2024-CLIMATE-01

Budget CLIMATE 2024 Call 01 – 75 M EUR



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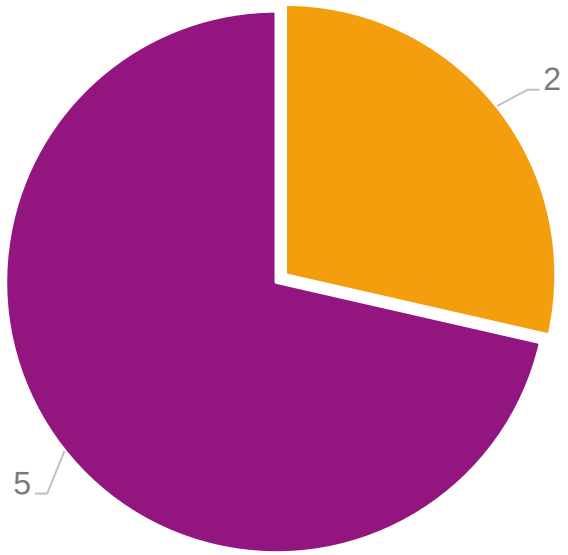

N. Projects expected to be funded **12**

European Commission

NATIONAL HORIZON EUROPE INFO DAY

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

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

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CALLS 2024 - 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

European Commission

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

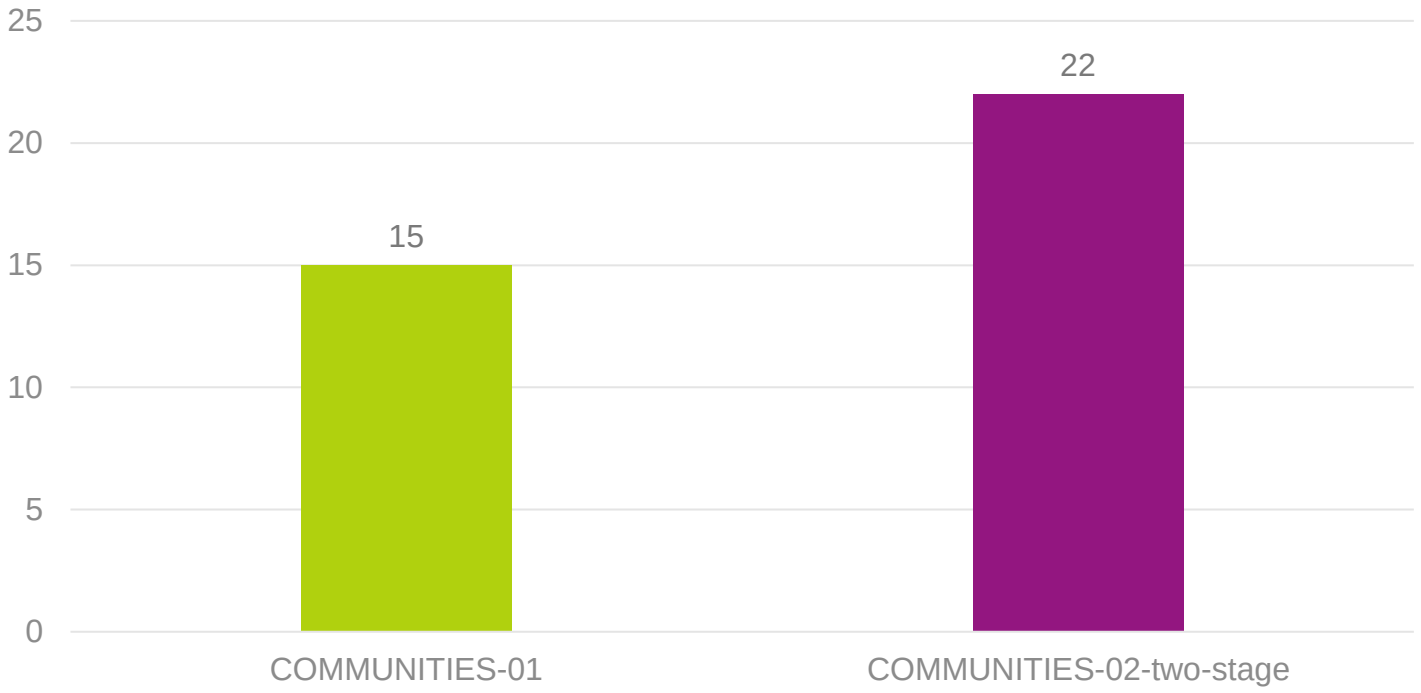
4. Innovating for climate-neutral rural communities by 2050
5. New sustainable business and production models for farmers and rural communities

European Commission

RESILIENT, INCLUSIVE, HEALTHY AND GREEN RURAL, COASTAL AND URBAN COMMUNITIES

Calls HORIZON-CL6-2024-COMMUNITIES-01 / HORIZON-CL6-2024-COMMUNITIES-02-two-stages

Budget COMMUNITIES 2024 Calls – 37 M EUR



N. Projects expected to be funded **8**

Type of Actions

European Commission

NATIONAL HORIZON EUROPE INFO DAY

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

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

European Commission

CALL 2024 – 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

European Commission

Call 2024 - Innovative governance, environmental observations and digital solutions in support of the Green Deal

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

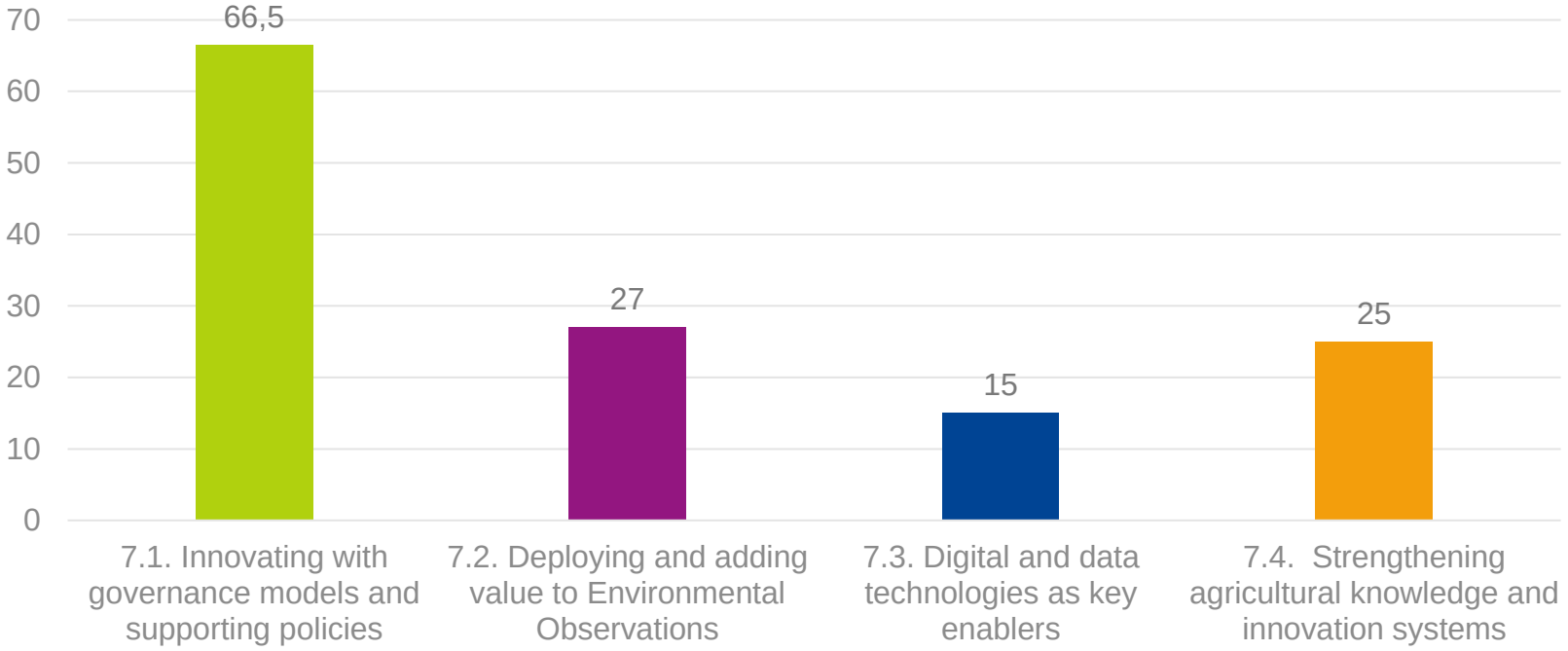
6 topics

European Commission

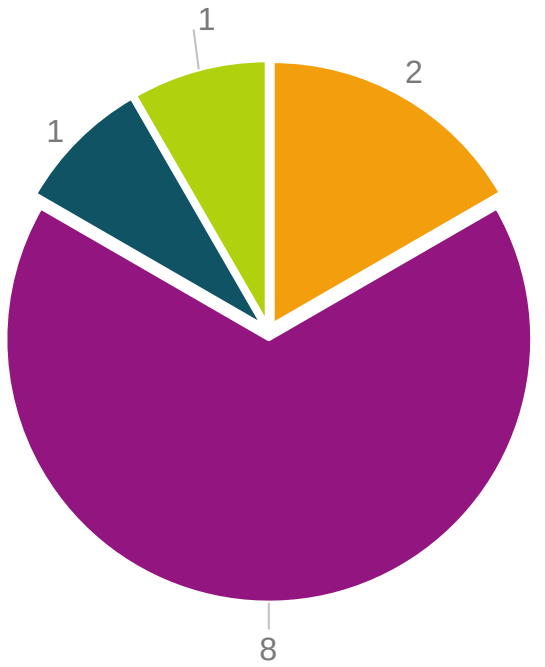
INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL – CALL 2024

Call HORIZON-CL6-2024-GOVERNANCE-01

Budget GOVERNANCE 2024 Call 01 – 133,5 M EUR



Type of Actions



N. Projects expected to be funded

16

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NATIONAL HORIZON EUROPE INFO DAY

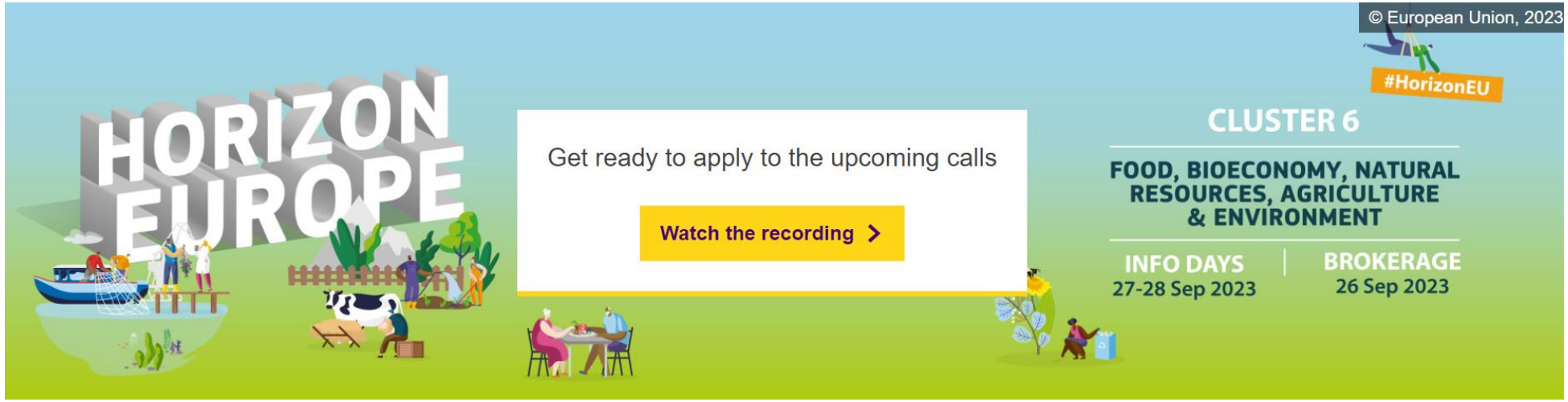
CLUSTER 6 - FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE AND ENVIRONMENT

Key to success

European Commission

How to Write a successful application and much more…

- The recordings of the **2024 CL6 Info Days held** on 27-28 September 2023 are available online at the webpage of the event. You can replay each sessions including the one on **Key to success –** link **here.** By re-watching the sessions you will**:**



- Learn more about proposal preparation and submission, admissibility and eligibility, evaluation criteria.
- Get tips and hits for successful submission and learn more about the multi-actor approach.
- Gain insight on gender equality plans (GEP), blind evaluations and lump sums.
- Learn how to navigate the Funding & Tenders portal.

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Thank you!

Any questions?

- **Check the FAQ**
- **Contact the Research Enquiry Service (RES)**
- **Contact the National Contact Points (NCPs)**