#innovacion #ayudascdti #asesoramiento #internacionalizacion



BARCELONA, 27/NOVIEMBRE/2023

Horizonte Europa - Convocatorias 2024









Lydia González
Departamento de Retos Sociales - CDTI
lydia.gonzalez@cdti.es

Índice

- Contexto
- Clúster 5.Clima Convocatorias 2024
- Clúster 6 Convocatorias 2024





Horizonte Europa (2021 – 2027)

PILAR 1 – CIENCIA EXCELENTE	25.011
ERC - Consejo Europeo de Investigación	16.004
MSCA - Acciones Marie Skłodowska-Curie	6.602
Infraestructuras de investigación	2.406

PILAR 2 - RETOS MUNDIALES Y COMPETITIVIDAD INDUSTRIAL EUROPEA	53.516
Clúster 1 - Salud	8.246
Clúster 2 - Cultura, creatividad y sociedad inclusiva	2.280
Clúster 3 - Seguridad	1.596
Clúster 4 - Digital, industria y espacio	15.349
Clúster 5 - Clima, energía y movilidad	15.123
Clúster 6 - Alimentación, bioeconomía recursos naturales, agricultura y medio ambiente	8.952
JRC – Centro Común de Investigación	1.970

PILAR 3 – EUROPA INNOVADORA	13.597
EIC- Consejo Europeo de Innovación	10.105
Ecosistemas de innovación europea	527
EIT - Instituto Europeo de Innovación y Tecnología	2.965

Ampliar la Participación y Fortalecer el Espacio Europeo de Investigación	3.393
Ampliar la participación y difundir la excelencia	2.955
Reformar y mejorar el sistema europeo de la I+i	438

^{*} Presupuesto en M€ (precios corrientes)

^{**} Fondos de NextGenerationEU incluidos









Esta presentación <u>no sustituye</u> la información proporcionada en los documentos y guías oficiales.











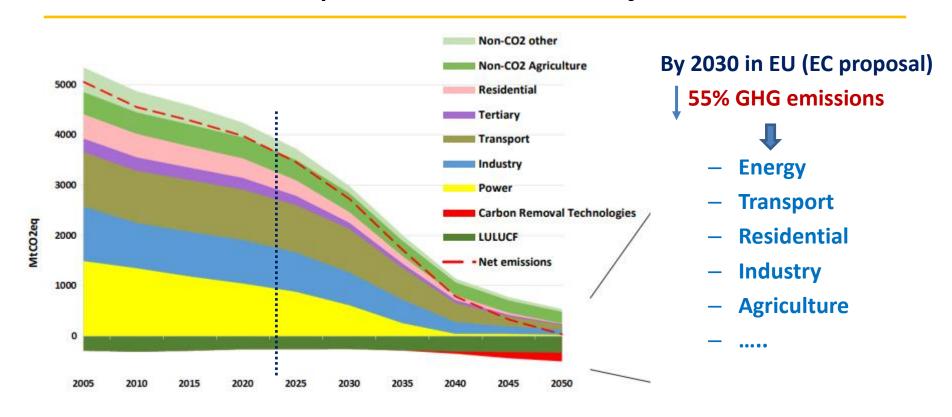
Índice

- Contexto
- Clúster 6 Convocatorias 2024
- Clúster 5.Clima Convocatorias 2024





C5.Clima y del Clúster 6...¿¿¿juntos???



European Commission

Zero

Pollution

Ambition

and the EU is responding through inter-related solutions!

Biodiversity Strategy

Climate Action

4 major interrelated ecological crises

We are encountering four major interrelated ecological crises...









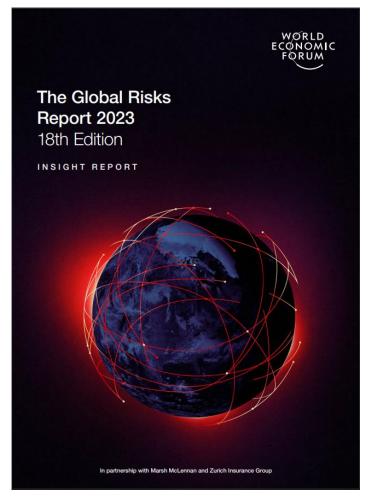






Circular

Economy



Global Risks Report 2023

Top 10 Risks



"Please estimate the likely impact (severity) of the following risks over a 2-year and 10-year period"

2 ye	years 10 years						
	Cost of living crisis	1	Failure to mitigate climate change				
	Natural disasters and extreme weather events	2	Failure of climate-change adaption				
	Geoeconomic confrontation	3	Natural disasters and extreme weather events				
	Failure to mitigate climate change	4	Biodiversity loss and ecosystem collapse				
	Erosion of social cohesion and societal polarization	5	Large-scale involuntary migration				
	Large-scale environmental damage incidents	6	Natural resource crises				
	Failure of climate-change adaption	7	Erosion of social cohesion and societal polarization				
	Widespread cybercrime and cyber insecurity	8	Widespread cybercrime and cyber insecurity				
	Natural resource crises	9	Geoeconomic confrontation				
0	Large-scale involuntary migration	10	Large-scale environmental damage incidents				

Cource: World Economic Forum, Global Risks Perception Survey 2022-2023

Horizonte Europa: Visión

Un futuro sostenible, justo y **próspero** para las **personas** y el **planeta** basado en los valores europeos.



Lucha contra el **cambio climático** (objetivo presupuestario del 35 %)

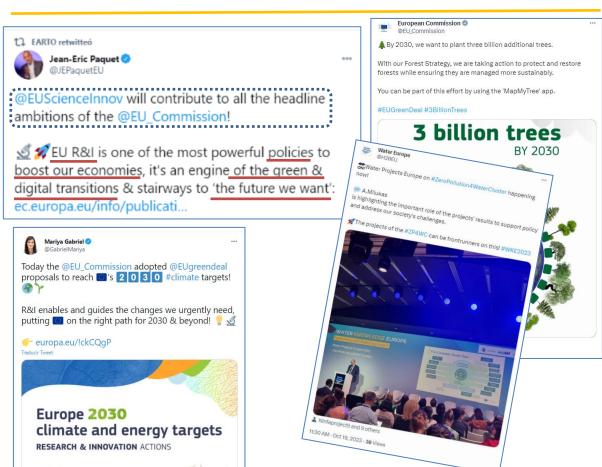
- Contribuir a alcanzar los Objetivos de Desarrollo Sostenible
- Impulsar la competitividad y el crecimiento de la Unión



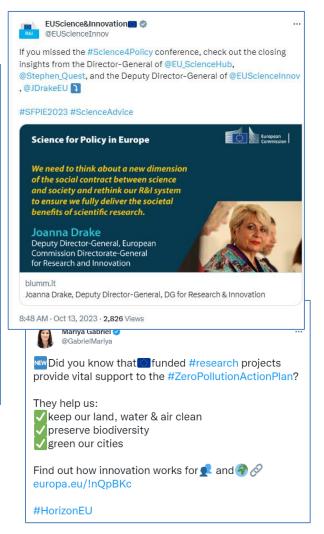
WP 2023-2024 General Introduction

Taking into account all work programmes and planning documents for Horizon Europe 2023-2024⁸ it is estimated that <u>overall 35.6% of funds will contribute to climate action</u>; and <u>8.5% to biodiversity</u> related policy objectives.

I & I como herramienta......



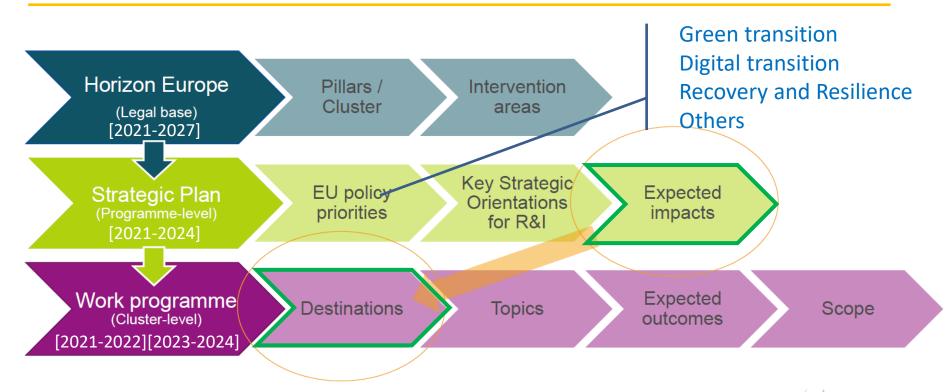
#EUGreenDeal



Compromisos, Políticas, Iniciativas...(ejemplos)



Horizonte Europa → de la base legal al programa de trabajo





@HOHZOHICEULOPA ±4

Application process (conso

De las Prioridades políticas a los Proyectos

EU POLICY PRIORITIES	Overall priorities of the European Union (Green Deal, Fit for the Digital Age,)
KEY STRATEGIC ORIENTATIONS	Set of strategic objectives within the EC policy priorities where R&I investments are expected to make a difference
IMPACT AREAS	Group of expected impacts highlighting the most important transformation to be fostered through R&I

EXPECTED IMPACTS→ **DESTINATIONS**(General objectives)

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.

EXPECTED OUTCOMES

→ TOPICS
(Specific objectives)

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.

PROJECT RESULTS

(Operational objectives)

What is generated during the project implementation. This may include, for example, know-how, innovative solutions, algorithms, proof of feasibility, new business models, policy recommendations, guidelines, prototypes, demonstrators, databases and datasets, trained researchers, new infrastructures, networks, etc. Most project results (inventions, scientific works, etc.) are 'Intellectual Property', which may, if appropriate, be protected by formal 'Intellectual Property Rights'

NORK

Por qué insistimos en las políticas????

synergistic measures to protect biodiversity. In addition to the EU's climate policy, R&I will support the objectives of:

WP Cluster 6 -INTRODUCTION

- the EU biodiversity strategy for 2030⁶;
- the EU's new circular economy action plan⁷;
- the EU action plan "Towards a Zero Pollution for Air, Water and Soil⁸ ('the pollution action plan');
- the EU industrial strategy;
- the bioeconomy strategy;
- the EU forest strategy;
- the EU soil strategy for 20309
- the sustainable blue economy strategy;
- · the chemicals strategy for sustainability; and
- the EU plastics strategy.

Research and innovation (R&I) in this cluster will help meet to the long-term priority objectives to 2030 set out in the 8th Environment Action Programme¹. In particular it will ensure that policy action is firmly anchored in **latest science and knowledge.** It will therefore contribute to the UN's Sustainable Development Goals (SDGs)² and accelerate the ecological transition required by the European Green Deal³. Of particular relevance will be: i) SDG 2 – zero hunger; ii) SDG 3 – good health and well-being; iii) SDG 6 – clean water and sanitation; iv) SDG 8 – decent work and economic growth; v) SDG 9 – industry, innovation, and infrastructure; vi) SDG 11 – sustainable cities and communities; vii) SDG 12 - responsible consumption and production; viii) SDG 13 – climate action, ix) SDG 14 – life below water and x) SDG 15 – life on land".

This cluster will also contribute to achieving the target of dedicating 7,5% of the MFF 2021-2027 to biodiversity as of 2024, and 10% in 2026 and 2027.

Activities of this work programme support the implementation of the Paris Agreement and the United Nations Sustainable Development Goals ¹. By creating more jobs, accelerating economic and social transformation, faster digitalisation and by generating innovation-based and inclusive growth, activities will aid Europe's recovery² in the wake of the COVID-19 crisis, contributing directly to the Commission priorities of a European Green Deal, a Europe fit for the digital age, and an economy that works for people.

The European Climate Law³ requires the EU economy and society to become climate-neutral by 2050 in a socially fair and cost-efficient manner and, as an intermediate target, to reduce net greenhouse gas emissions by at least 55% by 2030 (compared to 1990 levels). To deliver on these targets, the Commission proposed 'Fit for 55' legislative packages in July⁴ and December⁵ 2021.

Por qué insistimos en las políticas????

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 ar sectoral levels, for important material flows and product value chains, such as i) textiles, i electronics, iii) chemicals, iv) packaging, v) tourism, vi) plastics and construction, and vi key bioeconomy sectors such as a) sustainable bio-based systems²²², b) sustainable forestry, small-scale rural bio-based solutions, d) environmental services and e) aquatic (includir marine and freshwater) value chains²²³.

The destination supports the European Green Deal, and in particular:

- the new EU Circular Economy Action Plan (CEAP), adopted in March 2020, and the subsequent initiatives along the entire life cycle of products²²⁴;
- the EU strategy on adaptation to climate change adopted in February 2021²²⁵;
- the EU zero pollution action plan²²⁶, adopted in May 2021, with the chemicals strategy for sustainability²²⁷ from October 2020 and the new approach for a sustainable blue economy²²⁸ adopted in May 2021;

Destination - Clean environment and zero pollution

Anthropogenic pollution undermines the integrity of Earth's ecosystems and severely affects natural resources essential for human life. Keeping our planet clean and our ecosystems healthy will not only help addressing the climate crisis but also help regenerate biodiversity, ensure the sustainability of primary production activities and safeguard the well-being of humankind. In line with the objectives of the European Green Deal and related initiatives targeting environmental challenges, particularly the EU zero pollution action plan, the 2030 climate target plan, and other relevant EU legislation, this destination seeks to halt and prevent pollution by focusing on:

Destination - Biodiversity and ecosystem services

The biodiversity and ecosystem services destination of the 2023-2024 Cluster 6 work programme will support R&I for the EU environment and biodiversity protection framework and the European Green Deal. It is based on the vision developed in the EU biodiversity strategy for 2030 and will support its implementation, furthering the orientations of the 2021-2022 work programme. It will also take into account new European Green Deal initiatives, notably i) the EU forest strategy for 2030¹⁸, ii) the EU action plan: "towards zero pollution for air, water and soil", iii) the EU climate adaptation strategy and iv) the EU soil strategy for 2030. Connections are expected to be made with the EU proposal for a nature restoration law¹⁹, which includes binding targets, and environmental reporting, and the new approach for a sustainable blue economy in the EU²⁰.

Destination – Climate sciences and responses for the transformation towards climate neutrality

Europe has been at the forefront of climate science and should retain its leadership position to support EU policies as well as international efforts for a global uptake of climate action in line with the Paris Agreement and the Sustainable Development Goals (SDGs), including biodiversity objectives. Advancing climate science and further broadening and deepening the knowledge base is essential to inform the societal transition towards a climate neutral and climate resilient society by 2050, as well as towards a more ambitious greenhouse gas reduction target by 2030. It will involve research that furthers our understanding of past, present and expected future changes in climate and its implications on ecosystems and society, closing knowledge gaps, and the development of the tools that support policy coherence and the implementation of effective mitigation and adaptation solutions.

Y es que en las introducciones......

WP →

- Referencias a políticas/iniciativas/plataformas relacionadas con la temática
- Definiciones clave (p.e. "multi-actor approach")
- Sinergias con otros programas, iniciativas o fondos europeos

• Destination →

- Los <u>"Expected Impacts"</u>
- -

I / You / We

(must/ should / better)











Índice

- Contexto
- Clúster 6 Convocatorias 2024
- Clúster 5.Clima Convocatorias 2024





De la planificación estratégica al Programa de Trabajo

Strategic Plan (2021-2024)

(2021-2022) Work Programme (2023-2024)



Impact 1 Climate neutrality and adaptation to climate change

Destination: Land, oceans and water for climate action



0

Impact 2 Preservation and restoration of biodiversity and ecosystems

Destination: Biodiversity and ecosystem services





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

- Destination: Circular economy and bioeconomy sectors
- Destination: Clean environment and zero pollution





mpact 4 Food and nutrition security for all from sustainable food systems from farm to fork Destination: Fair, healthy and environmentally-friendly food systems from primary production to consumption



Impact 5 Balanced development of rural, coastal and urban areas

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



Impact 6 Innovative governance models enabling sustainability, environmental observation

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



Clúster 6 – Programa de Trabajo 2023-2024



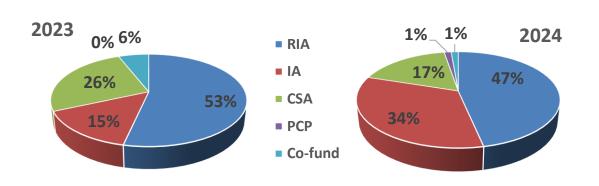








Clúster 6 - Convocatorias 2024



WP 2023-2024	2023	2024	Total
WP 2023-2024	(M€)	(M€)	(M€)
RIA	454	306	760
IA	212	296	508
CSA	94,5	49	143,5
PCP	0	19	19
Co-fund	301	60	361
	1061,5	730	1791,5
	59%	41%	

Convocatorias 2024 (ABIERTAS)

75 topics

134 proyectos financiados ("expected")







Clúster 6 - Convocatorias 2024

	Fecha cierre	Convoca	ntorias CL6-2024-XXX
~	21 febrero 2024		ZEROPOLLUTION-02 (1st stage)
ra: 17 octubre 2023	22 febrero 2024	BIODIV-01 FARM2FORK-01 CIRCBIO-01 ZEROPOLLUTION-01 CLIMATE-01 COMMUNITIES-01	BIODIV-02 (1st stage) FARM2FORK-02 (1st stage) CIRCBIO-02 (1st stage) COMMUNITIES-02 (1st stage)
ertu	28 febrero 2024	GOVERNANCE-01	
Fecha Apertura:	17 septiembre 2024		BIODIV-02 (2 nd stage) FARM2FORK-02 (2 nd stage) CIRCBIO-02 (2 nd stage) ZEROPOLLUTION-02 (2 nd stage) COMMUNITIES-02 (2 nd stage)

D1. 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)

Convocatorias 2024

HORIZON-CL6-2024-BIODIV-01

Budget = 76 M€ 2 IAs / 7 RIAs

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

Budget = 36 M€ 2 IAs / 1 RIAs

D1. Biodiversity and Ecosystem Services

Area	ТОРІС	Type of Action	EC Contribution (M€)	Budget 2024	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
Understanding and addressing the main drivers of biodiversity loss	HORIZON-CL6-2024-BIODIV-01-1: Invasive alien species	IA	6,0	12,0	2	6 - 7	LS	1 project per area (A and B); JRC
_				12,0	2		1	
Biodiversity protection and restoration	HORIZON-CL6-2024-BIODIV-01-2: Digital for nature	IA	8,0	16,0	2	6 - 7		1 project per Area (A and B); JRC; Copernicus and/or Galileo/EGNOS
				16,0	2		0	
	HORIZON-CL6-2024-BIODIV-01-3: Dependence of society and the economy on pollinators	RIA	6,5	13,0	2			MAA
	HORIZON-CL6-2024-BIODIV-01-4: Biodiversity, economics and finance: Understanding macro-financial risks associated with biodiversity loss	RIA	5,0	5,0	1			
Mainstreaming	HORIZON-CL6-2024-BIODIV-01-5: Transformative action of policy mixes, governance and digitalisation addressing biodiversity loss	RIA	2,0	4,0	2			
biodiversity in society and the economy	HORIZON-CL6-2024-BIODIV-02-1-two-stage: Demonstrating Nature-based Solutions for the sustainable management of water resources in a changing climate, with special attention to reducing the impacts of extreme droughts	IA	8,0	16,0	2			Blind evaluation pilot
	HORIZON-CL6-2024-BIODIV-02-2-two-stage: Demonstrating the potential of Nature-based Solutions and the New European Bauhaus to contribute to sustainable, inclusive and resilient living spaces and communities	IA	5,0	10,0	2			Blind evaluation pilot; Geographical coverage as selection criteria
				48,0	9		0	
	HORIZON-CL6-2024-BIODIV-01-6: Promoting pollinator friendly farming systems	RIA	6,0	6,0	1			MAA
Biodiversity friendly	HORIZON-CL6-2024-BIODIV-01-7: Reintroduction of landscape features in intensive agricultural areas	RIA	5,0	5,0	1			JRC
practices in agriculture,	HORIZON-CL6-2024-BIODIV-01-8: Conservation and protection of carbon-rich and biodiversity-rich forest ecosystems	RIA	6,0	12,0	2			MAA; JRC
aquaculture	HORIZON-CL6-2024-BIODIV-01-9: Selective breeding programme for organic aquaculture	RIA	3,0	3,0	1	3 - 5		
	HORIZON-CL6-2024-BIODIV-02-3-two-stage: Promoting minor crops in farming systems	RIA	5,0	10,0	2			MAA; Blind evaluation pilot
				36,0 112.0	7 20		1	

_

D1. 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 IMPACTS (DESTINATION)

- 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 at EU and global levels.....
- Biodiversity and health nexus will be understood (especially at the level of ecosystems).....

D2. Food Systems (primary production and consumption)



 Enabling sustainable farming systems (6 topics)



Enabling sustainable fisheries and aquaculture (2 topics)



 Transforming food systems for health, sustainability and inclusion (8 topics)

Convocatorias 2024

HORIZON-CL6-2024-FARM2FORK-01

Budget = 95 M€ 2 IAs / 8 RIAs / 1 CSA

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

Budget = 69 M€ 5 IAs / 2 RIAs



Targeted international cooperation (2 topics)

D2. Food Systems

Destination	Area	ТОРІС	Type of Action	EC Contribution (M€)	Budget 2024	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
		HORIZON-CL6-2024-FARM2FORK-01-1: Agro-pastoral/outdoor livestock systems and wildlife management	RIA	5,0	5,0	1		LS	MAA/SSH
		HORIZON-CL6-2024-FARM2FORK-02-1-two-stage: Increasing the availability and use of non-contentious inputs in organic farming	IA	6,0	12,0	2	7 - 8		MAA; Blind evaluation pilot
	Enabling sustainable	HORIZON-CL6-2024-FARM2FORK-02-2-two-stage: Sustainable organic food innovation labs: reinforcing the entire value chain	IA	5,5	11,0	2	6 - 8		MAA; Blind evaluation pilot
	farming systems	HORIZON-CL6-2024-FARM2FORK-02-3-two-stage: Tools to increase the effectiveness of EU import controls for plant health	IA	4,0	8,0	2	6 - 7		MAA; Blind evaluation pilot
		HORIZON-CL6-2024-FARM2FORK-02-4two-stage: Tackling outbreaks of plant pests	RIA	6,5	13,0	2			MAA; JRC; Blind evaluation pilot
		HORIZON-CL6-2024-FARM2FORK-02-5-two-stage: Animal nutritional requirements and nutritional value of feed under different production conditions	RIA	7,0	7,0	1			Blind evaluation pilot
					56,0	10		1	
	Enabling sustainable fisheries and aquaculture	HORIZON-CL6-2024-FARM2FORK-02-6-two-stage: Minimising climate impact on fisheries: mitigation and adaptation solutions for future climate regimes	IA	4,5	9,0	2	6 - 7		JRC; SSH; Blind evaluation pilot
Destination 2		HORIZON-CL6-2024-FARM2FORK-02-7-two-stage: Minimising climate impact on aquaculture: mitigation and adaptation solutions for future climate regimes	IA	4,5	9,0	2	6 - 7		JRC; SSH; Blind evaluation pilot
– Fair,					18,0	4		0	
healthy and		HORIZON-CL6-2024-FARM2FORK-01-2: New healthy and sustainable food products and processes	RIA	5,0	10,0	2	4 - 5		MAA; JRC
environment ally-friendly	y s y	HORIZON-CL6-2024-FARM2FORK-01-3: Thematic network tackling food fraud by translating research and innovation into practice	CSA	2,0	2,0	1		LS	MAA; JRC
food systems from primary production to		HORIZON-CL6-2024-FARM2FORK-01-4: Climate change and food safety: effects of climate change on food safety hazards across food systems	RIA	4,0	8,0	2		LS	МАА
consumption	Transforming food systems for health,	HORIZON-CL6-2024-FARM2FORK-01-5: Creating smart and attractive tools to enhance healthy and sustainable food provision, eating and treating of food at home	IA	3,0	6,0	2	6 - 8	LS	МАА
	sustainability and inclusion	HORIZON-CL6-2024-FARM2FORK-01-6: Citizens' science as an opportunity to foster the transition to sustainable food systems	RIA	5,0	10,0	2	3 - 5		MAA/SSH
		HORIZON-CL6-2024-FARM2FORK-01-7: Impact of development of novel foods based on alternative sources of proteins	RIA	4,5	9,0	2			МАА
		HORIZON-CL6-2024-FARM2FORK-01-8: Preventing and reducing food waste to reduce environmental impacts and to help reach 2030 climate targets	RIA	4,5	9,0	2			MAA; JRC
		HORIZON-CL6-2024-FARM2FORK-01-9: Microbiome for flavour and texture in the organoleptic dietary shift	IA	4,5	9,0	2	6 - 8		MAA
					63,0	15		3	
	Targeted international	HORIZON-CL6-2024-FARM2FORK-01-10: EU-AU cooperation on agroforestry management for climate change adaptation and mitigation	RIA	6,0	18,0	3	3 - 5		MAA
	cooperation	HORIZON-CL6-2024-FARM2FORK-01-11: EU-African Union – towards climate-neutral, social, just fair trade food systems	RIA - Cascadi ng fund	4,5	9,0	2		LS	MAA; JRC; Third parties (60.000)
					27,0	5		1	
					164,0	34		5	

D2. Food Systems (primary production and consumption)



POLICY CONTEXT



EXPECTED IMPACTS (DESTINATION)

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

- 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 cobenefits 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

D3. Circular Economy and Bioeconomy sectors



Enabling a circular economy transition (8 topics)



Innovating for sustainable bio-based systems, biotechnology and the bioeconomy (7 topics)



Innovating for blue bioeconomy and biotechnology value chains (1 topic)

Convocatorias 2024

HORIZON-CL6-2024-CIRCBIO-01

Budget = 74,5 M€ 4 IAs /2 RIAs / 4 CSAs

HORIZON-CL6-2024-CIRCBIO-02two-stage

> Budget = 73 M€ 4 IAs / 2 RIAs

D3. Circular Economy and Bioeconomy sectors

Area	ТОРІС	Type of Action	EC Contribution (M€)	Budget 2024	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
	HORIZON-CL6-2024-CIRCBIO-01-1: Circular Cities and Regions Initiative's project development assistance (CCRI-PDA)	CSA	6,0	6,0	1		LS	
	HORIZON-CL6-2024-CIRCBIO-01-2: Circular solutions for textile value chains based on extended producer responsibility	IA	7,0	14,0	2	6 - 8		
	HORIZON-CL6-2024-CIRCBIO-01-3: Innovative circular solutions for furniture	IA	5,0	10,0	2	6 - 8		
Enabling a circular	HORIZON-CL6-2024-CIRCBIO-01-4: Systemic circular solutions for a sustainable tourism	IA	5,0	10,0	2	6 - 8		
economy transition	HORIZON-CL6-2024-CIRCBIO-02-1-two-stage: Circular solutions for textile value chains through innovative sorting, recycling, and design for recycling.	RIA	5,0	15,0	3	5 - 6		Blind evaluation pilot
	HORIZON-CL6-2024-CIRCBIO-02-2-two-stage: Increasing the circularity in plastics value chains	IA	5,0	10,0	2	6 - 8		Blind evaluation pilot
	HORIZON-CL6-2024-CIRCBIO-02-3-two-stage: Increasing the circularity in electronics value chains	IA	5,0	10,0	2	6 - 8		Blind evaluation pilot
	HORIZON-CL6-2024-CIRCBIO-02-4-two-stage: New circular solutions and decentralised approaches for water and wastewater management	IA	5,0	15,0	3	6 - 8		SSH; Blind evaluation pilot
	HORIZON-CL6-2024-CIRCBIO-01-5: Programmed biodegradation capability of bio-based materials and			90,0	17		1	
	products, validated in specific environments	RIA	4,0	8,0	2	4 - 5	LS	
	HORIZON-CL6-2024-CIRCBIO-01-6: Digital information systems for bio-based products	RIA	3,0	6,0	2	5		
	HORIZON-CL6-2024-CIRCBIO-01-7: Demonstrating the fair and just transition from GHG-intensive economies facing challenges towards circular bioeconomy model regions	IA	6,0	6,0	1	6 - 7		MAA
Innovating sustainable bio-based systems, biotechnology and the	HORIZON-CL6-2024-CIRCBIO-01-8: Bioeconomy project development assistance	CSA	3,0	3,0	1		LS	MAA
bioeconomy	HORIZON-CL6-2024-CIRCBIO-01-9: Circular bioeconomy start-up villages	CSA	0,8	2,5	3		LS	MAA; Three areas (A, B and C), not selection criteria
	HORIZON-CL6-2024-CIRCBIO-02-5-two-stage: Circular-by-design bio-based technologies and products	RIA	4,0	8,0	2	5		SSH; Blind evaluation pilot
	HORIZON-CL6-2024-CIRCBIO-02-6-two-stage: From silos to diversity – small-scale bio-based demonstration pilots	IA - Cascadi ng fund	5,0	15,0	3	6 - 7		MAA; Blind evaluation pilot; Third parties (60.000)
				48,5	14		3	
Innovating for blue bioeconomy and biotechnology value chains	HORIZON-CL6-2024-CIRCBIO-01-10: Targeting aquatic extremophiles for sourcing novel enzymes, drugs, metabolites and chemicals	RIA	4,5	9,0	2	3 - 5		
				9,0	2		0	
				147,5	33		4	

D3. Circular Economy and Bioeconomy sectors



POLICY CONTEXT

- European Green Deal
- Circular Economy Action Plan
- Biodiversity Strategy
- Bioeconomy Strategy
- Forest Strategy
- Plastics Strategy
- Industrial Strategy
- SME Strategy
- Zero Pollution Action Plan
- New European Bauhaus



EXPECTED IMPACTS (DESTINATION)

- 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 nonrenewable raw materials and reducing GHGs emissions and other negative environmental footprint.....;
- Innovative and sustainable value-chains are developed in the bio-based sectors.....
- Improved consumer and citizen benefits, including those in rural areas;
- Multi-functionality and management of forests in Europe based on the three pillars of sustainability......;
- Enlarged potential of marine and freshwater biological resources and blue biotechnology to deliver greener (climateneutral circular) industrial products and processes, and to help characterise, monitor and sustain the health

D4. 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)

Convocatorias 2024

HORIZON-CL6-2024-ZEROPOLLUTION-01

Budget = 38 M€ 1 IA / 1 RIA / 1 CSA

HORIZON-CL6-2024-ZEROPOLLUTION-02-two-stage

Budget = 23 M€ 1 IA / 1 RIA

D4. Clean environment and zero pollution

Area	торіс	Type of Action	EC Contribution (M€)	Budget 2024	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
Halting emissions of pollutants to air, soils	HORIZON-CL6-2024-ZEROPOLLUTION-01-1: Demonstrating how regions can operate within safe ecological and regional nitrogen and phosphorus boundaries	IA	9,0	27,0	3	8		
and waters	HORIZON-CL6-2024-ZEROPOLLUTION-01-2: Best available techniques to recovering or recycling fertilising products from secondary raw materials	CSA	2,0	4,0	2		LS	
				31,0	5,0		1	
Protecting drinking water and managing urban water pollution	HORIZON-CL6-2024-ZEROPOLLUTION-02-1-two-stage: Holistic approaches for effective monitoring of water quality in urban areas	IA	5,0	15,0	3			Blind evaluation pilot
'				15,0	3		0	
Increasing environmental performances and	HORIZON-CL6-2024-ZEROPOLLUTION-02-2-two-stage: Innovative technologies for zero pollution, zero-waste biorefineries	RIA	4,0	8,0	2	4 - 5		Blind evaluation pilot
				8,0	2		0	
Reducing the environmental impact and pollution in food systems	HORIZON-CL6-2024-ZEROPOLLUTION-01-3: Environmental impacts of food systems	RIA	7,0	7,0	1			MAA
				7,0	1		0	
				61,0	11		1	

D4. 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 IMPACTS (DESTINATION)

- Achieving clean, unpolluted surface water and groundwater bodies by understanding and pointing sources of water pollution in a global and climate change context....
- Balanced N/P flows within safe ecological boundaries at regional and local level....
- Move towards clean, unpolluted oceans and seas....
- Strengthen circular bio-based systems to operate within planetary boundaries....
- Substitute harmful chemicals for safer and more sustainable alternatives
- Reduce the environmental impact of food systems.....

D5. Land, oceans and water for climate action



This call is NOT divided into headings (7 topics)



Convocatoria 2024

HORIZON-CL6-2024-CLIMATE-01

Budget = 75 M€ 2 IAs / 5 RIAs

D5. Land, oceans and water for Climate action

Area	ТОРІС	Type of Action	EC Contribution (M€)	2024	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
	HORIZON-CL6-2024-CLIMATE-01-1: Improving irrigation practices and technologies in agriculture	IA	5,0	10,0	2	6 - 7	LS	MAA;JRC
	HORIZON-CL6-2024-CLIMATE-01-2: Socio-economic, climate and environmental aspects of paludiculture	RIA	5,0	5,0	1		LS	SSH
	HORIZON-CL6-2024-CLIMATE-01-3: Paludiculture: large-scale demonstrations	IA	10,0	20,0	2			MAA
	HORIZON-CL6-2024-CLIMATE-01-4: Land use change and local / regional climate	RIA	6,0	12,0	2			MAA; Copernicus and/or Galileo/EGNOS
	HORIZON-CL6-2024-CLIMATE-01-5: Climate-smart use of wood in the construction sector to support the New European Bauhaus	RIA - Cascade funding	· ·	14,0	2		LS	MAA; Third parties (60.000)
	HORIZON-CL6-2024-CLIMATE-01-6: Ocean models for seasonal to decadal regional climate impacts and feedbacks	RIA	4,5	9,0	2	3 - 5		Copernicus and/or Galileo/EGNOS
	HORIZON-CL6-2024-CLIMATE-01-7: EU-China international cooperation on improving monitoring for better integrated climate and biodiversity approaches, using environmental and Earth observation	RIA	5,0	5,0	1			Copernicus and/or Galileo/EGNOS
				75,0	12		3	

D5. Land, oceans 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



EXPECTED IMPACTS (DESTINATION)

- 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;
- 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......;
- Fostered climate change mitigation in the primary sector, including by the reduction of GHG emissions, maintenance of natural and man-made carbon sinks
- Improved adaptive capacity of water and soil systems and sectors including by unlocking the potential of nature-based solutions;
- Sustainable management scarce resources, in particular soils and water, thus mitigating climate related risks, in particular desertification and erosion,

D6. Rural, coastal and urban communities



This call is NOT divided into headings (5 topics)



Convocatorias 2024

HORIZON-CL6-2024-COMMUNITIES-01

Budget = 15 M€ 1 IA / 2 RIAs

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

Budget = 22 M€ 2 IAs

D6. Rural, coastal and urban communities

Area	TOPIC	Type of Action	EC Contribution (M€)	Budget 2024	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
	HORIZON-CL6-2024-COMMUNITIES-01-1: Unlock potential of the New European Bauhaus in urban food system transformation	IA	3,0	6,0	1			MAA; geographical coverage as selection criteria
	HORIZON-CL6-2024-COMMUNITIES-01-2: Societal perceptions and benefits of rural life and jobs: will COVID generate a long-lasting shift?	RIA	6,0	6,0	1			
	HORIZON-CL6-2024-COMMUNITIES-01-3: Participation and empowerment of Arctic coastal, local, and indigenous communities in environmental decision-making	RIA	3,0	3,0	1		LS	MAA
	HORIZON-CL6-2024-COMMUNITIES-02-1-two-stage: Innovating for climate-neutral rural communities by 2050	IA	5,0	10,0	2		LS	MAA; Blind evaluation pilot
	HORIZON-CL6-2024-COMMUNITIES-02-2-two-stage: New sustainable business and production models for farmers and rural communities	IA	6,0	12,0	2			MAA; 1 project per Area (A and B); Blind evaluation pilot;
				37,0	7		2	

D6. Rural, coastal and urban communities



POLICY CONTEXT



EXPECTED IMPACTS (DESTINATION)

Rural, coastal and urban areas are developed in a sustainable,

balanced, equitable and inclusive manner...... 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

- 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.

D7. Governance, Environmental Observation and Digital Solutions



Innovating with governance models and supporting policies (3 topics)



Deploying and adding value to Environmental Observations (2 topics)



Digital and data technologies as key enablers (1 topic)



Strengthening agricultural knowledge and innovation systems (6 topics)

Convocatoria 2024

HORIZON-CL6-2024-GOVERNANCE-01

Budget = 133,5 M€ 2 RIAs / 8CSAs / 1 PCP / 1 Cofund

D7. Governance, Environmental Observation and Digital Solutions

Area	ТОРІС	Type of Action	EC Contribution (M€)	Budget 2024	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
Innovating with governance models and	HORIZON-CL6-2024-GOVERNANCE-01-1: European Partnership for a climate-neutral, sustainable and productive Blue Economy	CO- FUND	60,0	60,0	1			MAA
	HORIZON-CL6-2024-GOVERNANCE-01-2: Regional ecosystems of innovation to foster food systems transformation	CSA	3,5	3,5	1		LS	MAA
supporting policies	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 practice	CSA	3,0	3,0	1		LS	MAA
				66,5	3		2	
Deploying and adding	HORIZON-CL6-2024-GOVERNANCE-01-5: Customisation/pre-operationalisation of prototypes end-user services in the area of Climate Change Adaptation and Mitigation	PCP	19,0	19,0	1			Copernicus and/or Galileo/EGNOS
Observations	HORIZON-CL6-2024-GOVERNANCE-01-6: Develop innovative applications to support the European Green Deal, building on meteorological satellite data	RIA	4,0	8,0	2			
				27,0	3		0	
Digital and data technologies as key enablers	HORIZON-CL6-2024-GOVERNANCE-01-7: Enhancing working conditions and strengthening the work force through digital and data technologies – the potential of robotics and augmented reality in agriculture	RIA - Cascade funding	5,0	15,0	3	7-8		MAA; Third parties (60.000)
				15,0	3		0	
	HORIZON-CL6-2024-GOVERNANCE-01-8: Broaden EIP Operational Group outcomes across borders by means of thematic networks to compile and share knowledge ready for practice	CSA	2,0	4,0	2		LS	MAA
	HORIZON-CL6-2024-GOVERNANCE-01-9: Thematic networks to compile and share knowledge ready for practice	CSA	3,0	6,0	2		LS	MAA
Strengthening agricultural knowledge	HORIZON-CL6-2024-GOVERNANCE-01-10: Organic farming thematic networks to compile and share knowledge ready for practice	CSA	4,0	4,0	1		LS	MAA
and innovation systems	HORIZON-CL6-2024-GOVERNANCE-01-11: Biodiversity thematic networks to compile and share knowledge ready for practice	CSA	3,0	3,0	1		LS	MAA
	HORIZON-CL6-2024-GOVERNANCE-01-12: Developing EU advisory networks on forestry	CSA	4,0	4,0	1		LS	MAA
	HORIZON-CL6-2024-GOVERNANCE-01-13: Developing EU advisory networks on sustainable livestock systems	CSA	4,0	4,0	1		LS	MAA
				25,0	8		6	
				133,5	17		8	

D7. Governance, Environmental Observation and Digital Solutions



EXPECTED IMPACTS (DESTINATION)



POLICY CONTEXT

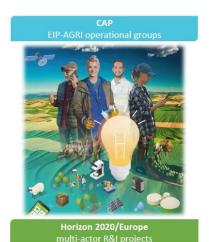
- European Green Deal
- Farm to Fork, 2030 Biodiversity Strategy
- Common Agricultural Policy, Sustainable Pesticide Use, Fertilisers, Food Security communication
- European space programme with the Copernicus part on Earth observation, European Space Agency's (ESA) Earth observation programme
- European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

- Innovative governance models enabling sustainability and resilience notably to achieve better informed decisionmaking 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

Multi-Actor Approach en Horizonte Europa

Interactive innovation model

→ multi-actor approach



"We do not only do R&I for practitioners, but also with practitioners."

- Commissioner Janusz Wojciechowski

Practitioners (end-users) are put at the center of the R&I activities all over the whole course of the project.

- √ their practical expertise is used to cocreate innovative solutions:
- ✓ it makes them co-owner of the results;
- √ they implement them in practice;
- √ they share them in peer-to-peer meetings

In this way we can achieve much quicker and bigger impact in practice!



Fuente: Infoday CE – 28/09/2023





Online training for applicants HOW APPLY THE MULTI ACTOR APPROACH IN CLUSTER 6 PROPOSALS

The main topic of the CARE4BIO online training is the multi-actor approach MAA, which is not only an additional eligibility criterion in Cluster 6 proposals but also an opportunity to achieve better and more effective project results. This training is open CL6 applicants and NCPs.

Online

04/12/2023

¿Por qué el MAA es importante?

- El enfoque multi-actor es un "criterio de elegibilidad"
- El **49% de los topics** de las convocatorias 2024 del Clúster 6 incluyen MAA (37 de 75).
- Afecta a IAs, RIAs, CSAs y Co-fund.

Eligibility conditions	The conditions are described in General Annex B. The following exceptions apply:							
	The following additional eligibility criteria apply: The proposals must use the multi-actor approach. See definition of the multi-actor approach							
	in the introduction to this work programme part.							



Convocatorias 2024 Topics MAA por Destination

Destination	N topics	MAA
D1 Biodiversity	12	1
D2 Farm2fork	18	13
D3 CircBio	16	4
D4 Zeropollution	5	1
D5 Climate	7	4
D6 Communities	5	4
D7 Governance	13	10

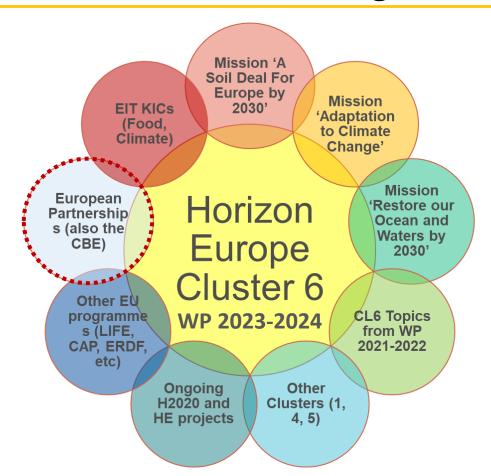
¿Qué es el MAA?

Requerimientos específicos proyectos Multi-actor

- INTRODUCCIÓN del WP 2023-24 del Clúster 6 (pag 21 a 23)
 - Concepto:
 - MAA is a form of Responsible Research and Innovation (RRI);
 - Demand-driven, shared and relevant to society;
 - More than just widely disseminating the results;
 - Involvement of a targeted array of actors, (end-) users;
 - All over the whole course of the project;
 - Co-creation process and co-ownership of results: from science, practice and intermediaries;
 - Requisitos (7) que hay cumplir /demostrar en la propuesta.
- ¿Qué cambia en 2023-2024? MAA se extiende a más áreas de las que están bajo la EIP – AGRI.



Clúster 6, de las sinergias....



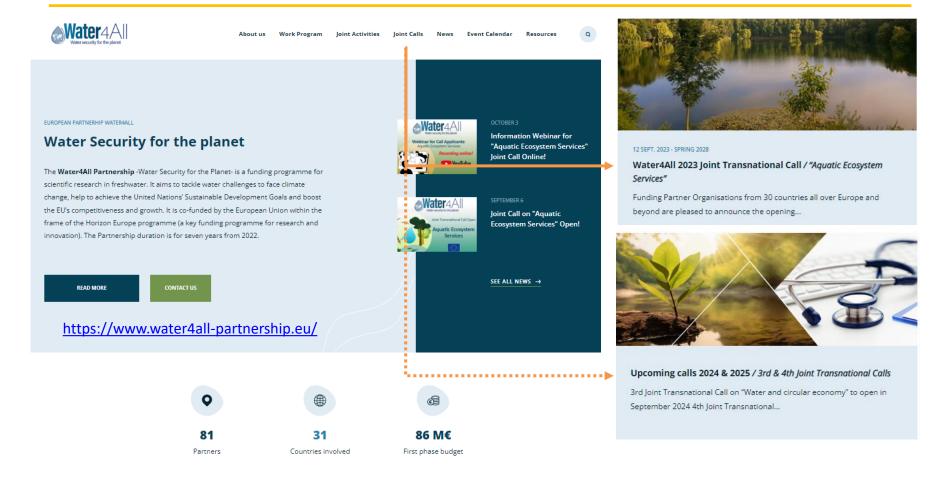
Clúster 6 - "Partnerships" (2021-2024)

	Co-funded partnership	Work Programme where the topic is introduced	HE expected contribution (7 years; mln EUR)	
	Rescuing biodiversity to safeguard life on Earth	2021	165	
	A climate neutral, sustainable and productive Blue Economy	2022	150 -2021	- 2022
	European Partnership Water Security for the Planet (Water4All)	2021	126	
	Accelerating farming systems transition: agroecology living labs and research infrastructures	2023	150	
	Animal health: fighting infectious diseases	2023	180 - 2023	- 2024
	Environmental observations for a sustainable EU agriculture	2024	100	
h 计	Safe and sustainable food systems for people, planet and climate	2023	175	





Water4All – "Water security for the planet"



Water4All – "Water security for the planet"



12 SEPT. 2023 - SPRING 2028

Water4All 2023 Joint Transnational Call / "Aquatic Ecosystem Services"

Funding Partner Organisations from 30 countries all over Europe and beyond are pleased to announce the opening...

Timeline:

- Call opening: 12 September 2023
- Submission deadline of pre-proposals: 13 November 2023, 15:00 CET



- Selection of pre-proposals: End of February 2024
- Submission deadline of full proposals: 29 April 2024, 15:00 CEST
- Selection of funded proposals: September 2024
- Projects start: End 2024 / beginning 2025
- . Kick off meeting of the funded projects: Spring 2025



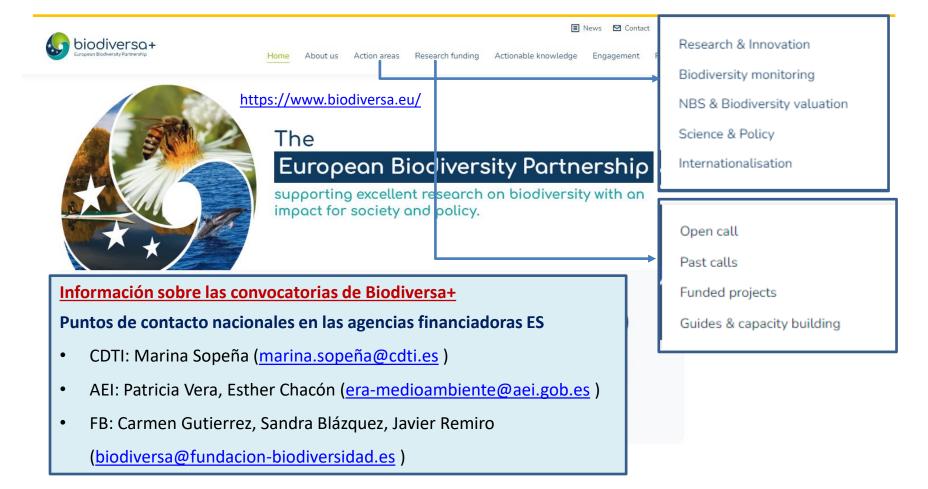
Información sobre las convocatorias de Water4All

Puntos de contacto nacionales en las agencias financiadoras ES

- CDTI: Héctor González (<u>hector.gonzalez@cdti.es</u>)
- AEI: Maja Kolar, Silvia Lorrio, Esther Chacón

(water4All.aei@aei.gob.es)

Biodiversa+, "European Biodiversity Partnership"



Biodiversa+, "European Biodiversity Partnership"

2023 Joint Call

Launch of the Biodiversa+ BiodivNBS Call for Research Proposals on "Nature-based solutions for biodiversity, human wellbeing and transformative change" Nature-based solutions are defined as Biodiversa+ is pleased to announce that its BiodivNBS Call for "actions to protect, conserve, restore, sustainably use and manage natural Transnational Research Proposals on "Nature-Based or modified terrestrial, freshwater, coastal and marine ecosystems, which Solutions (NBS) for biodiversity, human well-being and address social, economic and environmental challenges effectively and transformative change" (referred to as BiodivNBS) is now adaptively, while simultaneously providing human well-being, ecosystem open. services and resilience and biodiversity benefits" (UNEA/EA.5/Res.5) Start of submission submission Call launch the projects 11 September 2023 10 November 2023 1 December 2024 -3 om CET 3 om CET 1 April 2025

2024 - 2025 joint call

The fourth Biodiversa+ annual joint call for research will be on the topic of Societal Transformation.

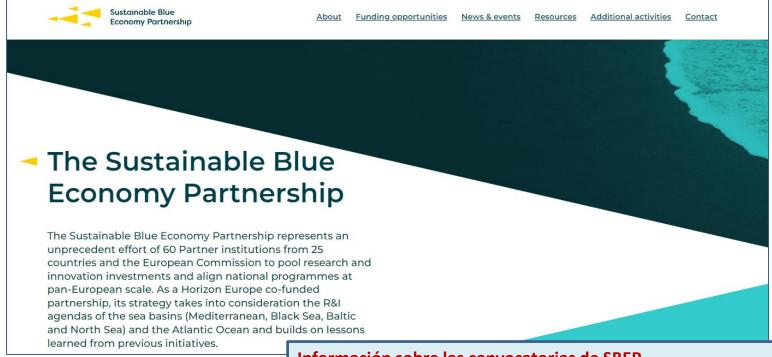
This call will be embedded in our flagship program "Supporting societal transformation for the sustainable use and management of biodiversity" and will be co-funded by the European Commission.

Indicative timing

- Spring / Summer 2024: Official pre-announcement of the call, with further information on its topic and the themes that it will address
- September 2024: Launch of the BiodivTransform call
- November 2024: Deadline for the submission of pre-proposals



SBEP, "Sustainable Blue Economy Partnership"



https://bluepartnership.eu/#about

Información sobre las convocatorias de SBEP

Puntos de contacto nacionales en las agencias financiadoras ES

- CDTI: Héctor González (hector.gonzalez@cdti.es)
- AEI: Abraham Trujillo (oceans@aei.gob.es)

Circular Bio-based Europe sucesor de BBI en HE

Socios: EC & BIC



Presupuesto: 2.000 M€

1.000 M€



1.000 M€



Información: Marta de Diego (marta.dediego@cdti.es)





Objetivos CBE

General objectives

Specific objectives

- Accelerate the innovation process and development of bio-based innovative solutions
- 1.1. Increase the intensity of cross-disciplinary research and innovation activities to reap the benefits of the advancement in life sciences and in other scientific disciplines for the development and demonstration of sustainable bio-based solutions

1.2. Increase and integrate the research and innovation capacity of stakeholders across the Union

to exploit the local bioeconomy potential including in regions with underdeveloped capacity

1.3. Increase the research and innovation capacity for addressing environmental challenges and development of more sustainable bio-based innovations by ensuring that sustainability issues and environmental performance are integrated throughout the whole innovation chain and in future innovative solutions

- 2. Accelerate market deployment of the existing mature and innovative biobased solutions
- 2.1. Reinforce the integration of bio-based research and innovation in the Union bio-based industry and increase the involvement of R&I actors including feedstock providers in the bio-based value chains
- 2.2. Reduce the risk for research and innovation investment in bio-based companies and projects
- 3. Ensure a high level of environmental performance of bio-based industrial systems.
- 3.1. Ensure that circularity and environmental considerations, including contributions to climate neutrality and zero pollution objectives, are taken into account in the development and implementation of research and innovation bio-based projects and facilitate societal acceptance.

Agenda Estratégica de Investigación e Innovación (SRIA)

https://www.cbe.europa.eu/media/92/download?attachment



CBE JU partnership will fund projects focused on production of bio-based chemicals, materials and products, other than biofuels and bioenergy, food and feed (food and feed ingredients and soil nutrients are in the scope), pharmaceuticals and medical devices.



AWP 2024 – Calendario Estimado

Publicación AWP 2024 (incluye los topics de las Call 2024):

final de diciembre 2023

> Call 2024

Apertura: abril 2024

Cierre: septiembre 2024









Partnership for Research and Innovation in the Mediterranean Area







Información y apoyo



National Contact Points (NCPs) - España

Sección 1

CDTI

Marta Conde (marta.conde@cdti.es)

Sección 2

CDTI

José Manuel Durán Cuevas (josemanuel.duran@cdti.es)
Cristina Teresa Gracia Rodriguez

(cristinateresa.gracia@cdti.es)

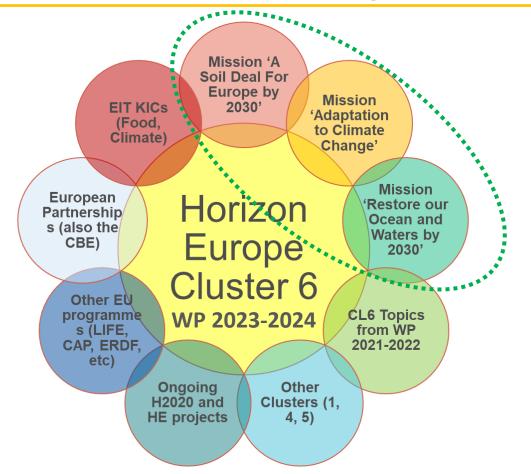
AEI, Agencia Estatal de Investigación Justyna Chojnacka (prima@aei.gob.es) Juan Climent (prima@aei.gob.es)







Clúster 6, de las sinergias....



Misiones EU en Clúster 6



<u>EU Mission: A Soil Deal for Europe |</u> <u>European Commission (europa.eu)</u>

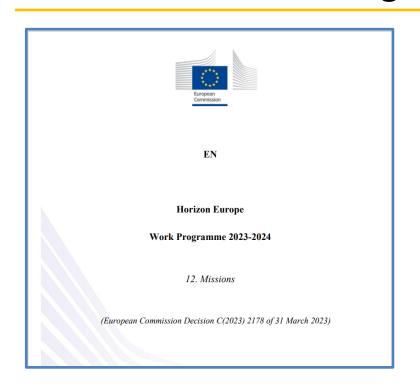


European Commission (europa.eu)



EU Mission: Adaptation to Climate Change

Misiones - Programa de Trabajo 2024





En ELABORACIÓN

Publicación (previsión): enero/febrero 2024





NCPs del Clúster 6

Puntos nacionales de contacto

Alimentación, Bioeconomía, Recursos Naturales, Agricultura y Medioambiente



Marta Conde

Alimentación, Bioeconomía y Agricultura CDTI marta.conde@cdti.es



Jesús Escudero

Agricultura
Instituto Nacional de Investigación y
Tecnología Agraria y Alimentaria (INIA)
jesus.escudero@inia.es
+34 91 347 39 79

Alimentación, Bioeconomía v



Marta de Diego

Alimentación, Bioeconomía y Agricultura CDTI marta.dediego@cdti.es +34 91 581 55 62



Lydia González

+34 91 581 55 62

Recursos naturales y Medio Ambiente CDTI lydia.gonzalez@cdti.es +34 91 581 55 62



Ana Tardón

Recursos naturales y Medio Ambiente CIEMAT anamaria.tardon@ciemat.es +34 91 346 08 20

www.HorizonteEuropa.es

@HorizonteEuropa

Índice

- Contexto
- Clúster 6 Convocatorias 2024
- Clúster 5.Clima Convocatorias 2024





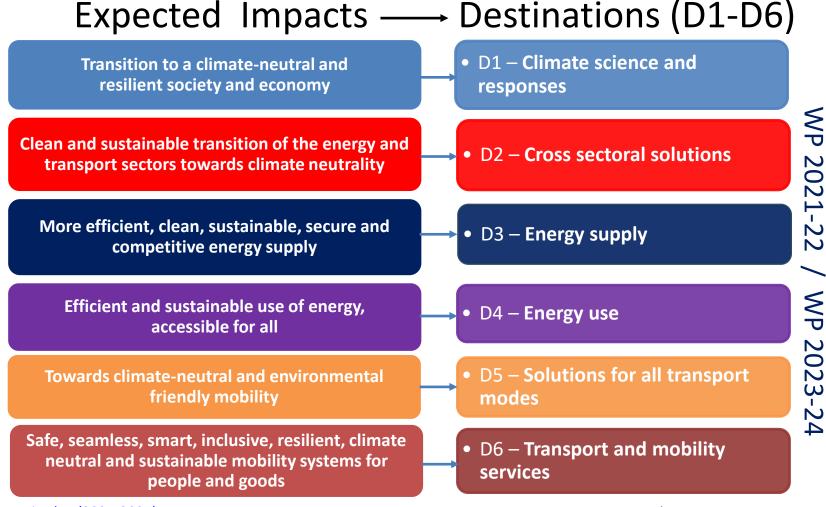
Europa climáticamente neutra en 2050

2050 long-term strategy (28/nov/2018)





CLUSTER 5-CLIMA



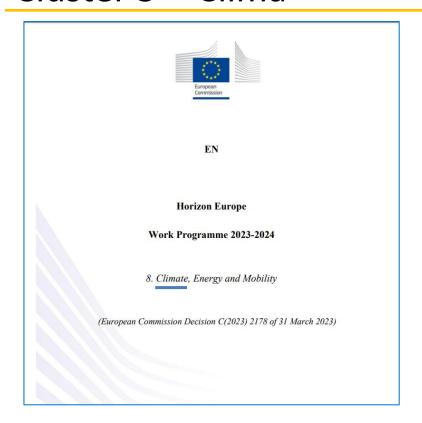
*Strategic Plan (2021-2024)

Cluster 5: <u>WP 2021-2022</u> / <u>WP 2023-2024</u>

DESTINATIONS

D1 – Climate sciences and responses for the transformation towards climate neutrality	Clima
D2 – Cross-sectoral solutions for the climate transition	Transversal a las 3 áreas
D3 – Sustainable, secure and competitive energy supply	Energía
D4 – Efficient, sustainable and inclusive energy use	Energía
D5 – Clean and competitive solutions for all transport modes	Movilidad
D6 – Safe, Resilient Transport and Smart Mobility services for passengers and goods	Movilidad

Clúster 5 - Clima





Clima = Destination 1

Clúster 5. Clima - Estructura convocatorias 2024

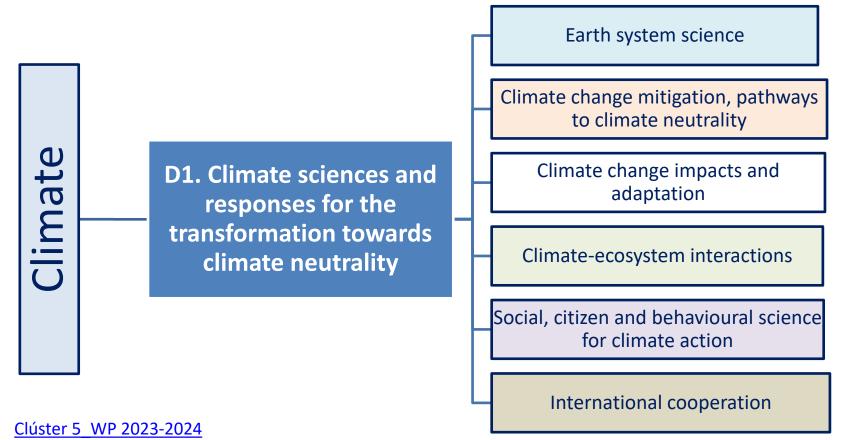
Call	HORIZON-CL5-2024-D1-01
Opening	12/09/2023
Deadline	05/03/2024
Budget (M€)	103,0
Details	7 RIAs

Clúster 5 WP 2023-2024





Programa de Trabajo 2023 – 2024



Clima – *Destination* 1 → WP 2024

Area/Heading	Торіс	Type of Action	EC Contr. Suggested (M€)	Budget 2024	# Proposal funded	Lump Sum	Additional conditions	
Earth system science	CL5-2024-D1-01: Enhanced quantification and understanding of natural and anthropogenic methane emissions and sinks	RIA	15	15	1	-	Additional Open Science practices	
	CL5-2024-D1-01-02: Inland ice , including snow cover, glaciers, ice sheets and permafrost, and their interaction with climate change	RIA	(6 - 7,5)	22	3	-		Latellite-based
	CL5-2024-D1-01-03: Paleoclimate science for a better understanding of the long and short-term evolution of the Earth system	RIA	15	15	1	Х	Additional Open Science practices	if use sate
								ج [
Climate change mitigation, pathways to climate neutrality	CL5-2024-D1-01-04: Improved toolbox for evaluating the climate and environmental impacts of trade policies	RIA	6	12	2	-		OO/EGN/
,	CL5-2024-D1-01-05: Next generation low-emission, climate- resilient pathways and NDCs for a future aligned with the Paris agreement	RIA	4,5	14	3	_	Additional Open Science practices + Int.Coop with African Union and developing countries + SSH	Soperation and/or Galilao/EGNOS
	CL5-2024-D1-01-06: The role of climate change foresight for primary and secondary raw materials supply	RIA	5	5	1	-	JRC + SSH	, in
								_ a
Climate-ecosystem interactions	CL5-2024-D1-01-07: Quantification of the role of key terrestrial carbon ecosystems in the carbon cycle and related climate effects	RIA	10	20	2	-	SSH	
				103	13			

"Climate Action" en Horizonte Europa



- **35% del presupuesto** de HE para <u>Cambio Climático</u> (adaptación, mitigación y resiliencia).
- Más oportunidades en <u>Clima</u> y <u>Calidad del Aire</u> en...
 - otros "Destinations" (p.e. Destinations 4, 5 o 6)
 - otros Clústeres (p.e. Clúster 6 o 3)





Misiones en Clúster 5.Clima



Missions in Horizon Europe | European Commission (europa.eu)

Misiones EU en Clúster 6



EU Mission: Adaptation to Climate Change



Apoyo al participante. Clúster 5 - Clima



https://www.horizonteeuropa.es/clima-energia-movilidad



Clima + Misión Adaptación al CC CDTI lydia.gonzalez@cdti.es +34 91 581 5562

Puntos nacionales de contacto

Clima, Energía y Movilidad



Juan Carlos García

Clima CDTI juancarlos.garcia@cdti.es +34 91 581 55 62



Ana Tardón

Clima CIEMAT anamaria.tardon@ciemat.es +34 91 346 08 20

Índice

- Contexto
- Clúster 6 Convocatorias 2024
- Clúster 5.Clima Convocatorias 2024

Algún apunte final.....





A modo de conclusión.....

Políticas, estrategias, iniciativas....a tener en cuenta. (INTRODUCCIONES)

Propuesta responde al Topic (Scope, Expected Outcomes, Specific Conditions) + Destination (Expectec Impacts) + WP

Calls 2024 - Clúster 6 cierran... 21/02 - 22/02 - 28/02/2023

Calls 2024 - Clúster 5.Clima cierran ... 05/03/2023







Eventos de interés



Info days

Horizon Europe info day -Cluster 6

Wednesday 27 September 2023, 09:00 -Thursday 28 September 2023, 17:00 (CEST)





Info days

Horizon Europe info day -Cluster 5

Tuesday 17 October 2023, 09:00 - 17:00 (CEST)

Online only

Live streaming available

Taller de apoyo a coordinadores → 18 / enero / 2024 (presencial)

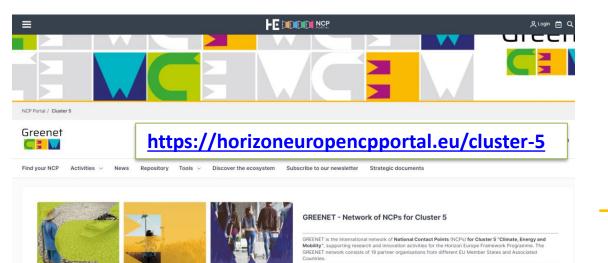




¿Qué podemos hacer los NCPs por vosotros?







Horizon Europe – NCPs Networks





Portal español de HE y nueva web CDTI

https://www.horizonteeuropa.es/





Nueva web CDTI: <u>www.cdti.es</u> , con acceso al portal de eventos CDTI y las nuevas listas de distribución

https://eventos.cdti.es/



https://www.cdti.es/listas-de-distribucion



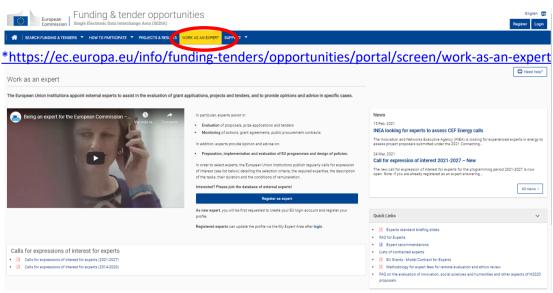
PROGRAMA MARCO – HORIZONTE EUROPA

Listas relacionadas con el Programa Marco de I-II de la UE, Horizonte Europa, y las temáticas gestionadas por CDT

Clúster 6 - Alimentación, Bioeconomía, Recursos Naturales, Agricultura y Medioambiente

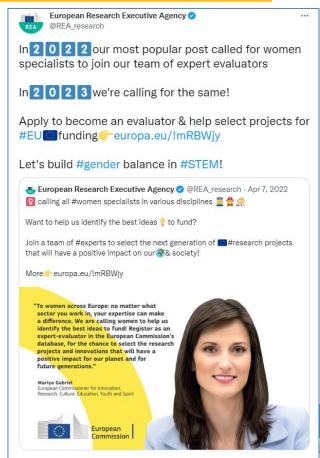
Programa Marco: Bioeconomía y Medioambiente
Información sobre el Clúster 6 de HE, CBE y otras iniciativas UE relacionadas

Apúntate como Evaluador*



<u>IMPORTANTE</u>: Se **buscan diferentes perfiles**, p.e., científico-técnicos, de negocios, emprendedores, entidades públicas, asociaciones, ONGs...





iiiiMuchas gracias!!!!



iiiiMoltes gràcies!!!!







+ info sobre programas y ayudas para la internacionalización de la I+D+l española







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