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#ayudascdti  
#asesoramiento  
#internacionalizacion



JORNADA PROYECTOS EUROPEOS  
MURCIA, 26/ENERO/2023

# Horizonte Europa - Convocatorias 2023

## Clúster 5. Clima y Clúster 6



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# Índice

- Contexto
- Clúster 5.Clima
- Clúster 6
- Partenariados y Misiones



# Horizonte Europa (2021 – 2027)

PILAR 1 – CIENCIA EXCELENTE	25.011	PILAR 2 - RETOS MUNDIALES Y COMPETITIVIDAD INDUSTRIAL EUROPEA	53.516	PILAR 3 – EUROPA INNOVADORA	13.597
ERC - Consejo Europeo de Investigación	16.004	Clúster 1 - Salud	8.246	EIC- Consejo Europeo de Innovación	10.105
MSCA - Acciones Marie Skłodowska-Curie	6.602	Clúster 2 - Cultura, creatividad y sociedad inclusiva	2.280	Ecosistemas de innovación europea	527
Infraestructuras de investigación	2.406	Clúster 3 - Seguridad	1.596	EIT - Instituto Europeo de Innovación y Tecnología	2.965
		Clúster 4 - Digital, industria y espacio	15.349		
		<b>Clúster 5 - Clima, energía y movilidad</b>	<b>15.123</b>		
		<b>Clúster 6 - Alimentación, bioeconomía recursos naturales, agricultura y medio ambiente</b>	<b>8.952</b>		
		JRC – Centro Común de Investigación	1.970		

<b>Ampliar la Participación y Fortalecer el Espacio Europeo de Investigación</b>	<b>3.393</b>
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

# Eventos de interés

Cluster 6  
**FOOD, BIOECONOMY,  
NATURAL RESOURCES,  
AGRICULTURE &  
ENVIRONMENT**



Info days

**Horizon Europe info day -  
Cluster 6**

 13 - 14 December 2022

 Online only

Cluster 5  
**CLIMATE, ENERGY  
& MOBILITY**



Info days

**Horizon Europe info day -  
Cluster 5**

 15 - 16 December 2022

 Online only

 Live streaming available

 EUROPEAN UNION

**Still OPEN!!!!  
(31/Jan)**

Cluster 6 |  
**FOOD, BIOECONOMY,  
NATURAL RESOURCES,  
AGRICULTURE &  
ENVIRONMENT**

**#HorizonEU**

**BROKERAGE**  
19 December 2022



THE EU RESEARCH & INNOVATION PROGRAMME 2021 - 2027

 GOBIERNO DE ESPAÑA

MINISTERIO DE CIENCIA E INNOVACIÓN

 CDTI INNOVACIÓN

Infoday Nacional Clúster 6 y Clúster 5-Clima Convocatorias  
2023

[Agenda](#) [Inscripción](#) [Plantilla idea proyecto](#) [Presentaciones](#) [Grabación](#)

Diciembre

21

Empieza: 09:30  
Acaba: 14:00

[Añadir a la agenda](#)

 CDTI-Centro para el C. del Cid, 4, 28001 Madrid, España

[Ver mapa](#)

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# I & I como herramienta.....

EARTO retweeted

Jean-Eric Paquet  @JEPaquetEU

**@EUScienceInnov will contribute to all the headline ambitions of the @EU\_Commission!**

EU R&I is one of the most powerful policies to boost our economies, it's an engine of the green & digital transitions & stairways to 'the future we want':  
[ec.europa.eu/info/publicati...](https://ec.europa.eu/info/publicati...)

Mariya Gabriel  @GabrielMariya

Today the @EU\_Commission adopted @EUgreendea! proposals to reach EU's **2030** #climate targets! 🌍🌱

R&I enables and guides the changes we urgently need, putting  on the right path for 2030 & beyond! 💡📢

[europea.eu/lckCQp](https://europea.eu/lckCQp)



Mariya Gabriel  @GabrielMariya

We have to ensure decision-makers have access to the best available science! 📢

Join the #Science4Policy launch event on  26 Oct. and learn more about how scientists can support policymakers.

[europea.eu/l6fbVwx](https://europea.eu/l6fbVwx)



Mariya Gabriel  @GabrielMariya

**NEW** Did you know that  funded #research projects provide vital support to the #ZeroPollutionActionPlan?

They help us:

- ✓ keep our land, water & air clean
- ✓ preserve biodiversity
- ✓ green our cities

Find out how innovation works for  and  [europea.eu/lnQpBkc](https://europea.eu/lnQpBkc)

#HorizonEU

Frans Timmermans  @TimmermansEU

These rules do not work in isolation.

They require ambition on other policies too: saying goodbye to fossil fuels, moving to clean mobility, sustainable agriculture, healthy diets, and more.

This is about protecting our own health and that of the environment.

#ZeroPollution



4:51 PM · Oct 26, 2022 · Twitter Web App

 EUScience&Innovation  @EUScienceInnov · Oct 29

**#COP27** is just around the corner! 

Register now for #EUatCOP27 side events on:

- 🍌 innovation diplomacy
- 🌱 hydrogen valleys
- 🍎 food systems
- 🌿 nature-based solutions
- ☀️ solar energy
- 🌍 climate services for Africa
- 🔬 scientific advice

[europea.eu/INBfCvP](https://europea.eu/INBfCvP)

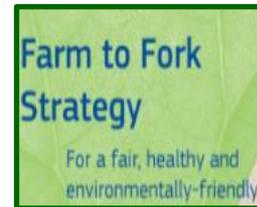
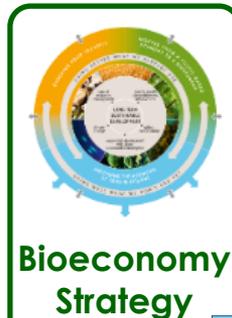
# ¿Dónde estamos?



## EC Priorities (2019-2024)

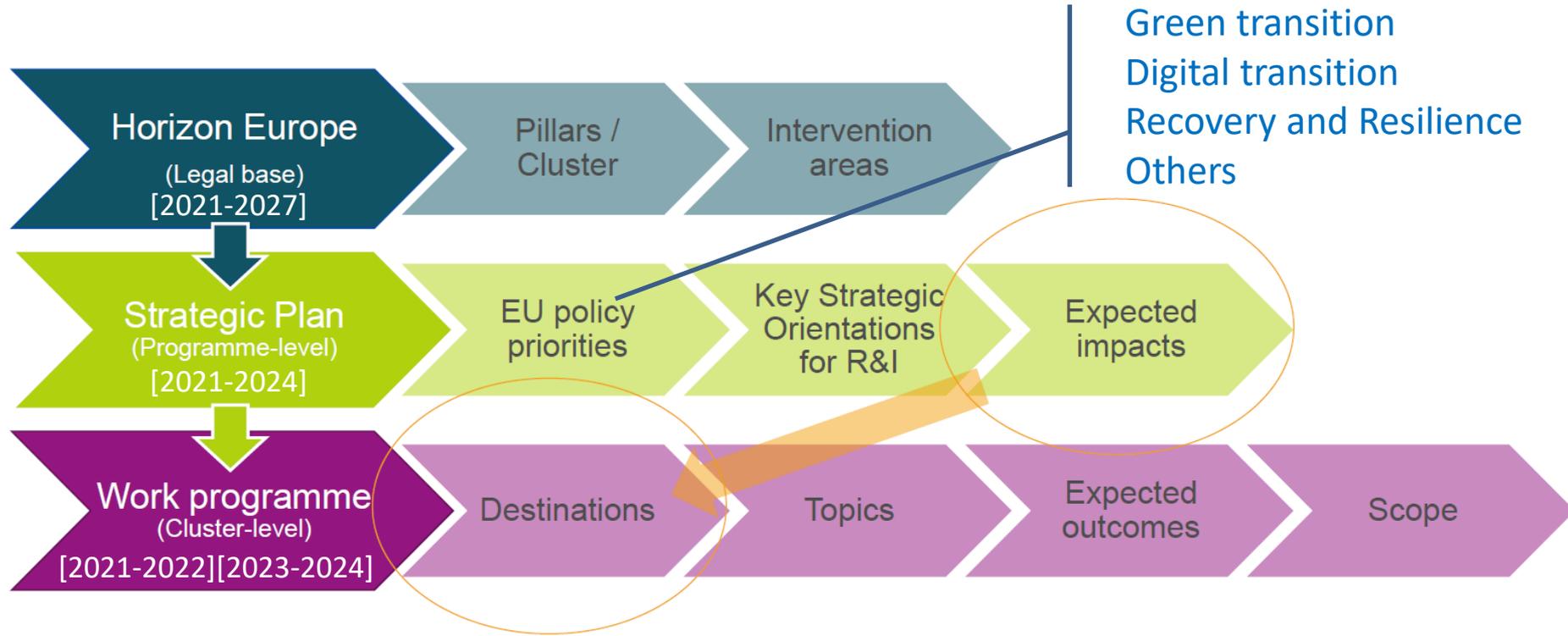


# Compromisos, Políticas, Iniciativas...(ejemplos)

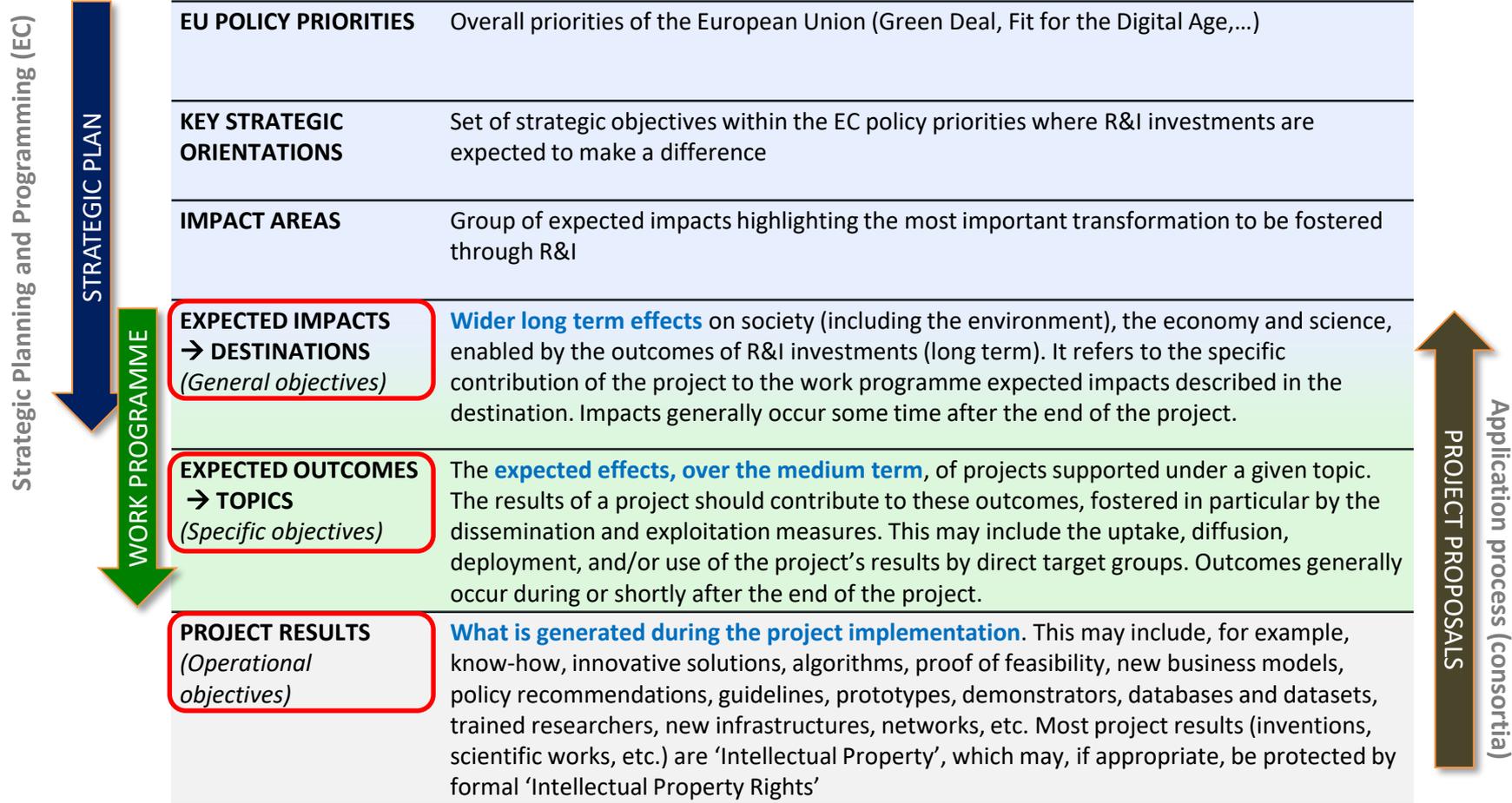


.....y otras

# Horizonte Europa → de la base legal al programa de trabajo



# De las Prioridades políticas a los Proyectos

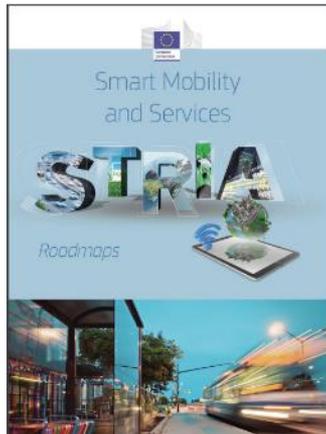


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# Clúster 5. Compromisos, Políticas, Iniciativas...

SUSTAINABLE DEVELOPMENT GOALS



.....y otras



# De Horizonte 2020 a Horizonte Europa

## Reto Social 3

Energía limpia,  
segura y eficiente



## Reto Social 4

Transporte inteligente,  
ecológico e integrado



## Reto Social 5

**Acción por el clima**, medio  
ambiente, eficiencia en los  
recursos y materias primas



**Clúster 5**  
**Clima, Energía y Movilidad**

# Europa climáticamente neutra en 2050

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

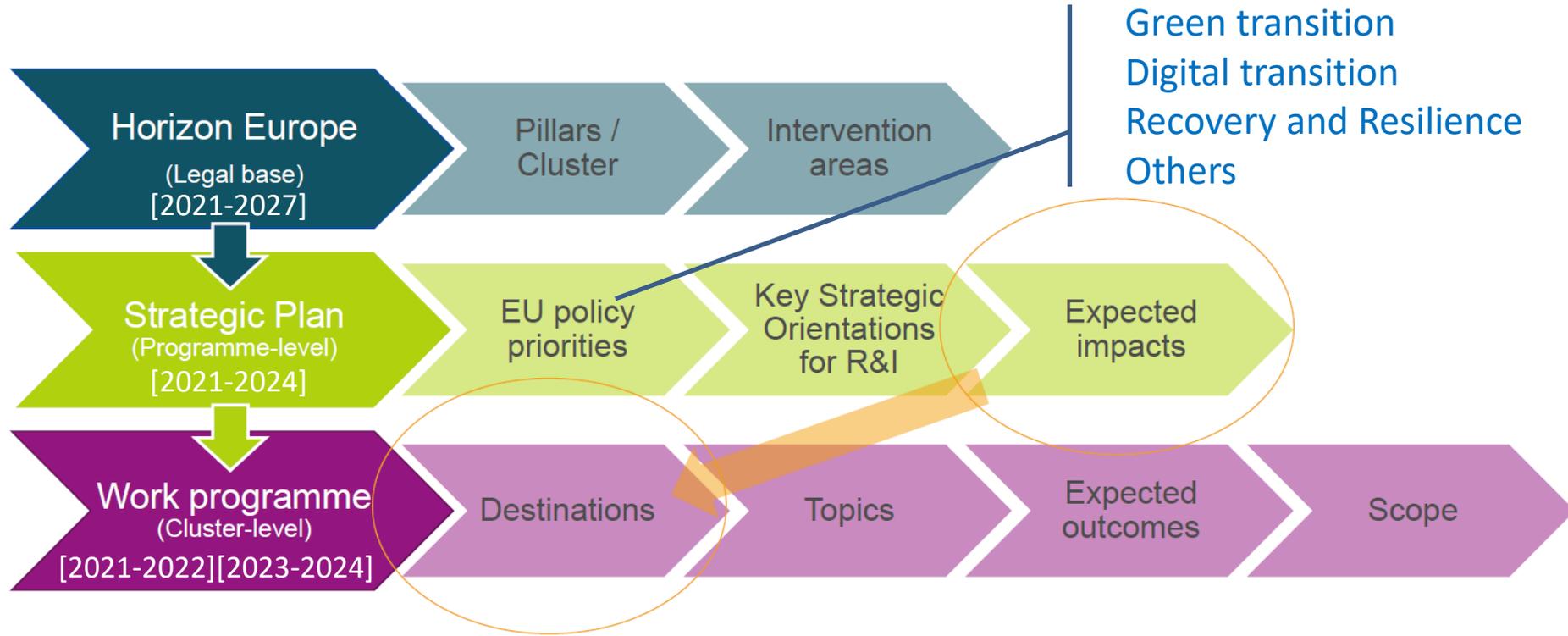
- Reducción de gases de efecto invernadero
- Transiciones:
  - Energética
  - Industrial
  - Social





**CLUSTER 5-CLIMA**

# Horizonte Europa → de la base legal al programa de trabajo



# Áreas de intervención en Clúster 5

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## Climate Science and Solutions

Knowledge base on earth-climate and living systems, as well as associated impacts, risks, and climate-responsible opportunities

Effectiveness of different climate mitigation and adaptation solutions

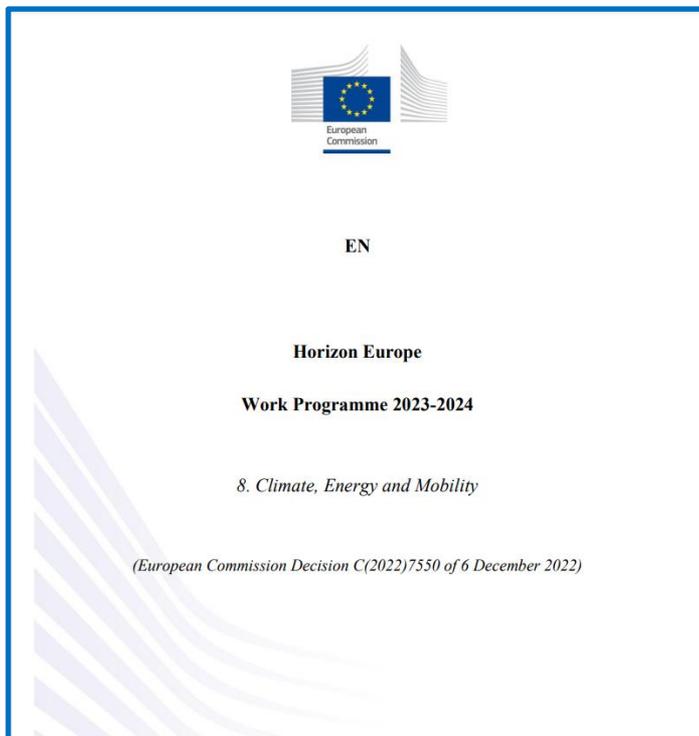
Integrated climate neutral pathways, mitigation actions and policies covering all sectors in the economy

Climate models, projections and techniques aiming to improve predictive capacity and climate services

Adaptation pathways and support policies

Improve risk assessment tools

# Clúster 5 – Programa de Trabajo 2023-2024



# Estructura de Clúster 5 – WP 2023/24

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## 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

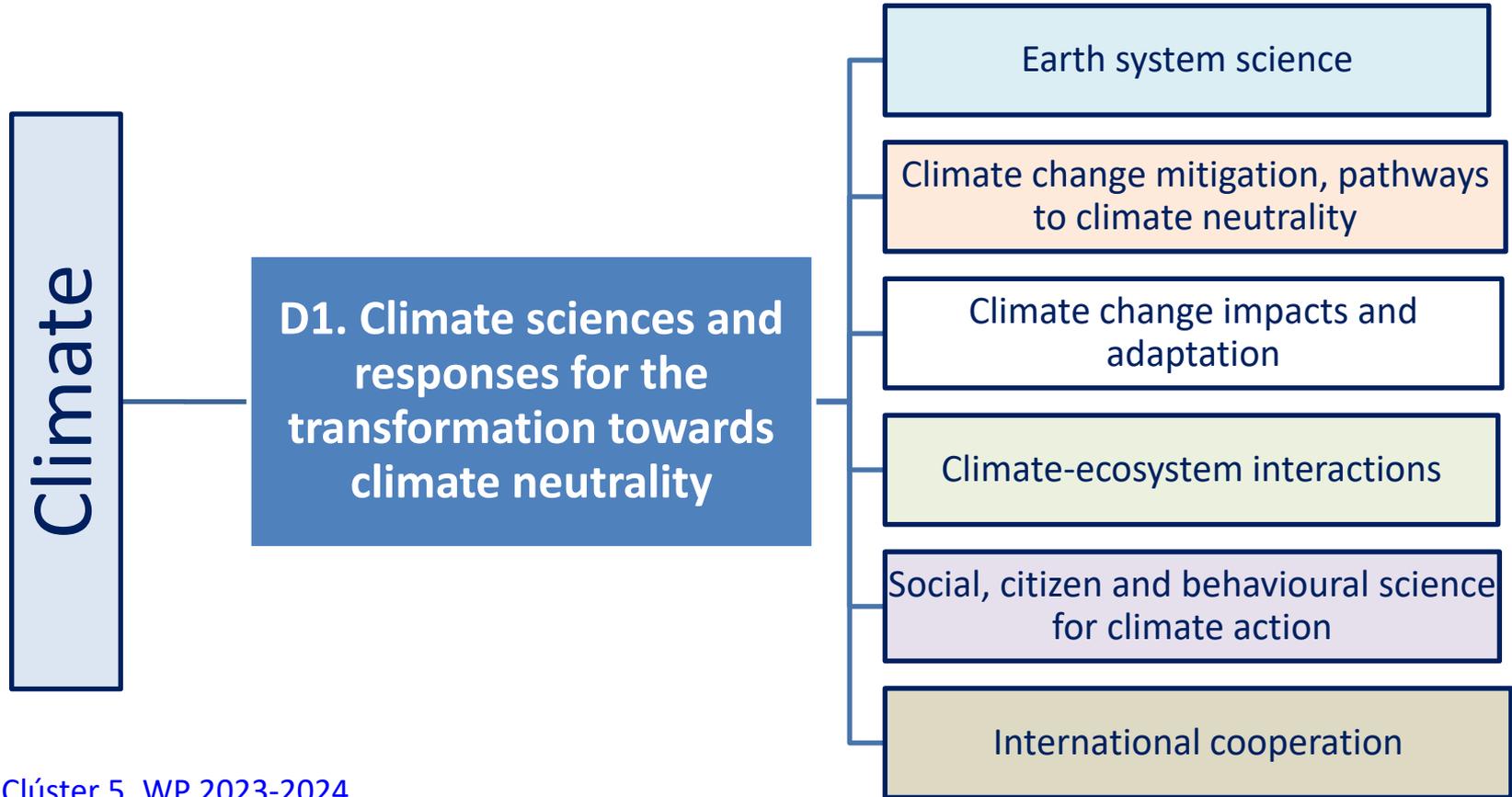
# Estructura convocatorias 2023

Call with China

Call	HORIZON-CL5-2023-D1-01	HORIZON-CL5-2023-D1-02
Opening	13/12/2022	13/12/2022
Deadline	<b>18/04/2023</b>	<b>18/04/2023</b>
Budget M€	107,5	10
Comments	10 RIAs/1 CSA	2 RIAs

[Clúster 5 WP 2023-2024](#)

# Programa de Trabajo 2023 – 2024



# Clima – Destination 1 → WP 2023

Area	Topic	Type of Action	EC Contrib. Sugg. (M€)	Budget 2023	# Props. funded	Lump Sum	Additional conditions
Earth system science	CL5-2023- D1-01-01 Further <b>climate knowledge</b> through advanced technologies for <b>analysing Earth Observation and Earth System Model data</b>	RIA	8	16	2	X	Additional Open Science practices
	CL5-2023-D1-01-02: Climate-related <b> tipping points</b>	RIA	7	14	2	X	Additional Open Science practices
	CL5-2023-D1-01-03: <b>Climate impacts of a hydrogen economy</b>	RIA	4	8	2	-	
	CL5-2023-D1-01-04: <b>Improved knowledge in cloud-aerosol interaction</b>	RIA	8	16	2	X	Additional Open Science practices
Climate change mitigation, pathways to climate neutrality	CL5-2023-D1-01-05: Science for successful, high-integrity <b>voluntary climate initiatives</b>	RIA	5,5	5,5	1		Additional Open Science practices + Int.Coop with developing countries
	CL5-2023-D1-01-06: Broadening the range of <b>policy options in transition pathway analysis</b>	RIA	5	10	2		Additional Open Science practices
Climate change impacts and adaptation	CL5-2023-D1-01-07: <b>Modelling for local resilience</b> - Developments in support of local adaptation assessments and plans	RIA	12	12	1	-	SSH
Social science, citizen science and behavioural science for climate action	CL5-2023-D1-01-08: <b>Solar Radiation Modification: governance of research</b>	CSA	3	3	1	X	SSH
	CL5-2023-D1-01-09: <b>Behavioural change and governance</b> for systemic transformations towards climate resilience	RIA	4	8	2	-	SSH
	CL5-2023-D1-01-10: Improving the evidence base regarding the <b>impact of education on sustainability- and climate change-related learning outcomes</b>	RIA	5	5	1		SSH
International cooperation	CL5-2023-D1-01-11: Needs-based <b>adaptation to climate change in Africa</b>	RIA	5	10	2	-	At least 3 entities in at least 2 sub-saharian countries + SSH
	CL5-2023-D1-02-01: <b>EU-China</b> international cooperation on <b>data and model development for pathways to carbon neutrality.....</b>	RIA	2,5	5	2		SSH
	CL5-2023-D1-02-02: <b>EU-China</b> international cooperation on <b>Blue carbon</b>	RIA	5	5	1	-	

Copernicus and/or Galileo/EGNOS if use satellite-based

# “Climate Action” en Horizonte Europa

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- **35% del presupuesto** de HE para Cambio Climático (adaptación, mitigación y resiliencia).
- **Más oportunidades** en Clima y Calidad del Aire en...
  - otros “Destinations” (p.e. Destinations 4, 5 ó 6)
  - otros “Clusters” (p.e. Cluster 6, 3 ó 4)
  - en las Misiones

# Apoyo al participante. Clúster 5 - Clima



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

## Puntos nacionales de contacto

### Clima, Energía y Movilidad



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# De H2020 a Horizonte Europa - Clúster 6

**Societal Challenge 2**  
**Food Security, Sustainable  
Agriculture and Forestry,  
Marine, Maritime and Inland  
Water Research and the  
Bioeconomy**



**Societal Challenge 5**  
Climate Action,  
**Environment,**  
**Resource Efficiency** and  
Raw Materials



**Industrial Leadership (NMBP)**  
Nanotechnologies, Advance  
Materials, Advanced  
Manufacturing & Processing &  
**Biotechnology**



# De la planificación estratégica al Programa de Trabajo

Strategic Plan(2021-2024)

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

**Impact 1** Climate neutrality and adaptation to climate change

- Destination: Land, oceans and water for climate action

**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

**Impact 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



# Por qué insistimos en las políticas????

Missions will continue to help deliver key EU policy priorities such as the European Green Deal, Europe's Beating Cancer Plan, NextGenerationEU, the EU Industrial Strategy and A Europe fit for the Digital Age, amongst others.

## WP Missions

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

- the EU biodiversity strategy for 2030<sup>6</sup>;
- the EU's new circular economy action plan<sup>7</sup>;
- the EU action plan "Towards a Zero Pollution for Air, Water and Soil<sup>8</sup> ('the EU zero pollution action plan')";
- the EU industrial [strategy](#);
- the bioeconomy [strategy](#);
- the EU forest [strategy](#);
- the EU soil strategy for 2030<sup>9</sup>
- the sustainable blue economy [strategy](#);
- the chemicals strategy for sustainability; and
- the EU plastics strategy.

## WP Cluster 6

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 Law<sup>3</sup> 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 July<sup>4</sup> and December<sup>5</sup> 2021.

## WP Cluster 5

Following Russia's military aggression against Ukraine, the European Commission published the [REPowerEU Communication<sup>6</sup>](#) which emphasises the need to ramp up rapidly and

Research and innovation (R&I) in this cluster will help meet to the long-term priority objectives to 2030 set out in the 8<sup>th</sup> Environment Action Programme<sup>1</sup>. 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)<sup>2</sup> and accelerate the ecological transition required by the European Green Deal<sup>3</sup>. 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".

# Por qué insistimos en las políticas???

## 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 2030<sup>18</sup>, 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 law<sup>19</sup>, which includes binding targets, and environmental reporting, and the new approach for a sustainable blue economy in the EU<sup>20</sup>.

## Destination - Circular economy and bioeconomy sectors

This destination and its topics target climate-neutrality, zero pollution<sup>220</sup>, fair and bioeconomy transitions<sup>221</sup>. These cover safe, integrated circular solutions at sectoral levels, for important material flows and product value chains, such as electronics, iii) chemicals, iv) packaging, v) tourism, vi) plastics and consumer goods, and key bioeconomy sectors such as a) sustainable bio-based systems<sup>222</sup>, b) sustainable small-scale rural bio-based solutions, d) environmental services and e) (terrestrial and marine and freshwater) value chains<sup>223</sup>.

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 products<sup>224</sup>;
- the EU strategy on adaptation to climate change adopted in February 2021<sup>225</sup>;
- the EU zero pollution action plan<sup>226</sup>, adopted in May 2021, with the chemicals strategy for sustainability<sup>227</sup> from October 2020 and the new approach for a sustainable blue economy<sup>228</sup> adopted in May 2021;
- the EU forest strategy for 2030<sup>229</sup>: research and innovation will be key drivers in achieving the ambitious goals of this strategy;
- the EU climate law targeting climate-neutrality by 2050 and AFOLU<sup>230</sup> climate-neutrality by 2035, which supports increased focus on bio-based circular consumption, as part of the Fit for 55 package proposed on 14 July 2021<sup>231</sup>;
- the new European Bauhaus initiative<sup>232</sup> and the renovation wave<sup>233</sup>.

the activities of Cluster 5 in soil organic carbon, protect wetlands, and improve the programme for the mission ‘A

Soil Deal for Europe’, R&I activities will aim to reduce the financial burden resulting from the costs of management practices in carbon farming and the uncertainty about revenue possibilities. In the livestock sector, R&I on manure management will help **implement the EU methane strategy**<sup>349</sup>. R&I activities will also boost the contribution made by a forest as a **natural and man-made carbon sink** and maintain multiple ecosystem services (e.g., water replenishment, soil protection), as proposed in the **Fit for 55 package** with the revised LULUCF Regulation and the new **EU forest strategy**.

## Destination – Land, ocean and water for climate action

## 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<sup>305</sup>, this destination seeks to halt and prevent pollution by focusing on:

# Y además en las introducciones.....

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- **WP →**
  - Definiciones clave (p.e. “multi-actor approach”)
  - Sinergias con otros programas o fondos europeos
  - Referencias a plataformas/iniciativas relacionadas con la temática
- **Destination →**
  - Los “Expected Impacts”
  - .....

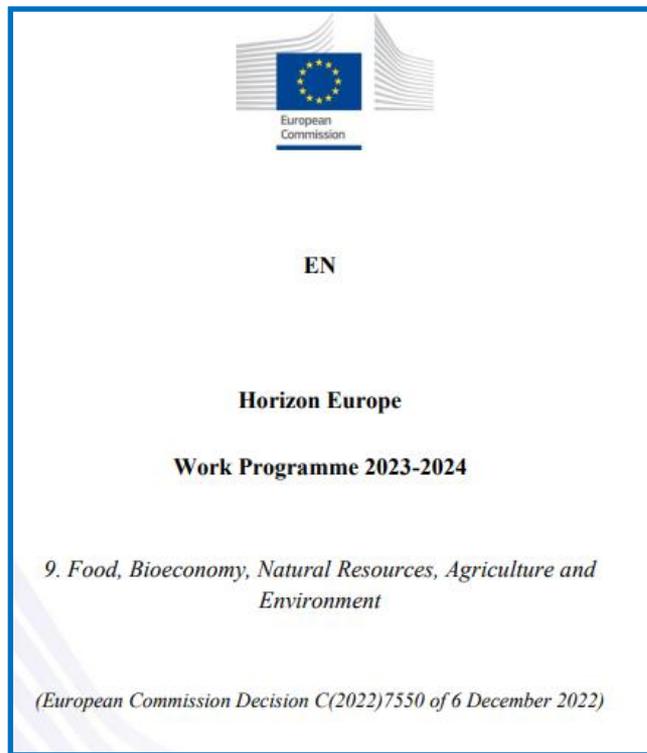
Welcome to the



of

**INTRODUCTIONS**

# Clúster 6 – Programa de Trabajo 2023-2024



The poster features an illustration of various agricultural and environmental scenes: a boat on water, a cow in a field, a person working in a field, and people sitting at a table. The text 'Cluster 6 FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE & ENVIRONMENT' is prominently displayed at the top.

Cluster 6  
**FOOD, BIOECONOMY,  
NATURAL RESOURCES,  
AGRICULTURE &  
ENVIRONMENT**

Info days

**Horizon Europe info day -  
Cluster 6**

 13 - 14 December 2022

 Online only

# Clúster 6 - Convocatorias 2023

Calls	Opening Date	1st Stage	Closing Date / 2nd Stage	# Topics	Budget (M€)
HORIZON-CL6-2023-GOVERNANCE-01	22/12/2022	-	<b>23/03/2023</b>	22	150,0
HORIZON-CL6-2023-BIODIV-01		-	<b>28/03/2023</b>	18	214,0
HORIZON-CL6-2023-CircBio-01		-	<b>28/03/2023</b>	14	98,5
HORIZON-CL6-2023-ZEROPOLLUTION-01		-	<b>28/03/2023</b>	7	64,5
HORIZON-CL6-2023-FARM2FORK-01		-	<b>12/04/2023</b>	20	289,0
HORIZON-CL6-2023-CLIMATE-01		-	<b>12/04/2023</b>	8	108,0
HORIZON-CL6-2023-COMMUNITIES-01		-	<b>12/04/2023</b>	6	38,5
HORIZON-CL6-2023-CircBio-02-two-stages		<b>28/03/2023</b>	26/09/2023	3	80,0
HORIZON-CL6-2023-ZEROPOLLUTION-02-two-stages		<b>28/03/2023</b>	26/09/2023	2	15,0
				<b>100</b>	<b>1057,5</b>

# D1. Biodiversity and Ecosystem Services

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- Main drivers of biodiversity loss
- Biodiversity protection and restoration
- Biodiversity in society and the economy
- Friendly practices in agriculture, forestry and aquaculture
- Biodiversity and health
- Biodiversity research and policies

**Call 2023 →**

**HORIZON-CL6-2023-BIODIV-01 (Budget: 214 M€ / Closing date: 28/03/2023)**

# D1. Biodiversity and Ecosystem Services (I)

	TOPIC	Type of Action	EC Contrib. (M€)	Budget 2023	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
Understanding and addressing the main drivers of biodiversity loss	HORIZON-CL6-2023-BIODIV-01-1: Better understanding of <b>routes of exposure and toxicological and ecological impacts of chemical pollution on terrestrial biodiversity</b>	RIA	5,5	22,0	4			2 projects per Area (A and B), SSH
	HORIZON-CL6-2023-BIODIV-01-2: <b>Impact of light and noise pollution</b> on biodiversity	RIA	3,5	7,0	2			1 project per Area (A and B), SSH
	HORIZON-CL6-2023-BIODIV-01-3: Interdisciplinary <b>assessment of changes affecting terrestrial and freshwater ecosystems</b> , building on observation programmes.	RIA	6,0	6,0	1			Copernicus and/or Galileo/EGNOS
				<b>35,0</b>	<b>7,0</b>			
Biodiversity protection and restoration	HORIZON-CL6-2023-BIODIV-01-4: Nature protection: better methods and knowledge to <b>improve the conservation status of EU-protected species and habitats</b>	RIA	4,0	8,0	2			1 project per Area (A and B); JRC
	HORIZON-CL6-2023-BIODIV-01-5: <b>Understanding and reducing bycatch of protected species</b>	RIA	9,0	18,0	2			JRC
	HORIZON-CL6-2023-BIODIV-01-6: <b>Restoration of deep-sea habitats</b>	IA	10,0	10,0	1	5 - 6		Copernicus and/or Galileo/EGNOS
	HORIZON-CL6-2023-BIODIV-01-7: Demonstration of <b>marine and coastal infrastructures as hybrid blue-grey Nature-based Solutions</b>	IA	5,0	10,0	2	5 - 7	LS	
				<b>46,0</b>	<b>7,0</b>			
Mainstreaming biodiversity in society and the economy	HORIZON-CL6-2023-BIODIV-01-8: <b>Addressing biodiversity decline and promoting Nature-based Solutions in higher education</b>	CSA	3,0	3,0	1		LS	
	HORIZON-CL6-2023-BIODIV-01-9: Biodiversity, economics and finance: <b>unlocking financial flows towards reversing of biodiversity loss</b>	RIA	5,0	5,0	1			
	HORIZON-CL6-2023-BIODIV-01-10: <b>Build up of knowledge on Nature Positive Economy and supporting its scale-up</b>	RIA	5,0	5,0	1			
	HORIZON-CL6-2023-BIODIV-01-11: <b>Biodiversity loss and enhancing ecosystem services in urban and periurban areas</b>	RIA	5,0	5,0	1			JRC
	HORIZON-CL6-2023-BIODIV-01-12: Reinforcing <b>science policy support with IPBES and IPCC</b> for better interconnected biodiversity and climate policies	CSA	4,0	4,0	1		LS	JRC
				<b>22,0</b>	<b>5,0</b>			

# D1. Biodiversity and Ecosystem Services (II)

	TOPIC	Type of Action	EC Contrib. (M€)	Budget 2023	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
Biodiversity friendly practices in agriculture, forestry and aquaculture	HORIZON-CL6-2023-BIODIV-01-13: <b>Crop Wild Relatives</b> for sustainable agriculture	RIA	6,0	12,0	2			MAA
	HORIZON-CL6-2023-BIODIV-01-14: Biodiversity friendly practices in agriculture – <b>breeding for Integrated Pest Management</b> (IPM)	RIA	5,0	10,0	2			MAA
	HORIZON-CL6-2023-BIODIV-01-15: <b>Integrative forest management</b> for multiple ecosystem services and enhanced biodiversity	CSA	7,0	7,0	1		LS	MAA; JRC
	HORIZON-CL6-2023-BIODIV-01-16: Valorisation of <b>ecosystem services provided by legume crops</b>	RIA	5,0	10,0	2			MAA
				<b>39,0</b>	<b>7,0</b>			
Biodiversity and health	HORIZON-CL6-2023-BIODIV-01-17: <b>Interlinkages</b> between <b>biodiversity loss and degradation of ecosystems</b> and the emergence of <b>zoonotic diseases</b>	RIA	4,0	12,0	3			JRC
				<b>12,0</b>	<b>3,0</b>			
Interconnection of biodiversity research and policies	HORIZON-CL6-2023-BIODIV-01-18: Additional activities for the European Biodiversity <b>Partnership: Biodiversa+</b>	CO-FUND	60,0	60,0	1			Copernicus and/or Galileo/EGNOS
				<b>60,0</b>	<b>1</b>			
				<b>214,0</b>	<b>30,0</b>		<b>4</b>	



# D2. Food Systems (I)

	TOPIC	Type of Action	EC Contrib. (M€)	Budget 2023	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
Enabling sustainable farming systems	HORIZON-CL6-2023-FARM2FORK-01-1: European <b>partnership</b> on accelerating farming systems transition: <b>agroecology living labs and research infrastructures</b>	CO-FUND	60,0	60,0	1			JRC
	HORIZON-CL6-2023-FARM2FORK-01-2: European <b>partnership on animal health and welfare</b>	CO-FUND	60,0	60,0	1			
	HORIZON-CL6-2023-FARM2FORK-01-3: <b>Improving yields in organic cropping systems</b>	CSA	4,0	8,0	2		LS	MAA
	HORIZON-CL6-2023-FARM2FORK-01-4: Towards research and innovation <b>beyond Farm to Fork Strategy targets for pesticides after 2030</b>	CSA	1,0	1,0	1		LS	MAA
	HORIZON-CL6-2023-FARM2FORK-01-5: Advancing <b>vaccine development for African swine fever</b>	RIA	6,0	12,0	1			
	HORIZON-CL6-2023-FARM2FORK-01-6: Towards <b>sustainable livestock systems: European platform</b> for evidence building and transitioning policy	RIA	5,0	5,0	1		LS	MAA
	HORIZON-CL6-2023-FARM2FORK-01-7: Innovations in plant protection: <b>alternatives to reduce the use of pesticides</b> focusing on candidates for substitution	IA	6,0	12,0	2	6 - 7		MAA; JRC
			<b>158,0</b>	<b>44</b>		<b>3</b>		
Enabling sustainable fisheries and aquaculture	HORIZON-CL6-2023-FARM2FORK-01-8: Using <b>automatic species recognition and artificial intelligence to fight illegal fish discards</b> and revolutionise fisheries control	IA	5,0	5,0	1	6 - 7		
			<b>5,0</b>	<b>45</b>		<b>0</b>		

# D2. Food Systems (II)

	TOPIC	Type of Action	EC Contrib. (M€)	Budget 2023	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
Transforming food systems for health, sustainability and inclusion	HORIZON-CL6-2023-FARM2FORK-01-09: European <b>partnership on sustainable food systems for people, planet and climate</b>	CO-FUND	45,0	45,0	1			MAA, SSH
	HORIZON-CL6-2023-FARM2FORK-01-10: <b>Eradicate micronutrient deficiencies in the EU</b>	RIA	9,0	9,0	1			MAA; JRC
	HORIZON-CL6-2023-FARM2FORK-01-11: New detection methods on products derived from <b>new genomic techniques for traceability, transparency and innovation in the food system</b>	RIA	5,0	10,0	2	4 - 5		JRC
	HORIZON-CL6-2023-FARM2FORK-01-12: <b>Thematic network</b> ensuring food safety by translating research and innovation into practice	CSA	2,0	2,0	1		LS	MAA
	HORIZON-CL6-2023-FARM2FORK-01-13: <b>Cultured meat and seafood</b> – state of play and future prospects in the EU	RIA	7,0	7,0	1			complementary work with EFSA; SSH
	HORIZON-CL6-2023-FARM2FORK-01-14: Providing <b>marketing solutions</b> to prevent and reduce the <b>food waste</b> related to marketing standards	RIA	5,0	10,0	2		LS	MAA; SSH
	HORIZON-CL6-2023-FARM2FORK-01-15: Fostering <b>resilient European food systems in a changing world</b>	RIA	8,0	8,0	1			MAA; SSH
	HORIZON-CL6-2023-FARM2FORK-01-16: <b>Microbiomes fighting food waste</b> through applicable solutions in food processing, packaging and shelf life	IA	5,0	10,0	2	6 - 7		MAA
			<b>101,0</b>	<b>105</b>		<b>3</b>		
Targeted international cooperation	HORIZON-CL6-2023-FARM2FORK-01-17: <b>EU-AU cooperation – linking the activities</b> of the Food and Nutrition Security and Sustainable Agriculture ( <b>FNSSA</b> ) partnership and those of the Pan-African Network for Economic Analysis of Policies ( <b>PANAP</b> )	CSA	4,0	4,0	1		LS	JRC; 5 independent legal entities established in Africa
	HORIZON-CL6-2023-FARM2FORK-01-18: Support for the implementation of a <b>sustainable platform for the EU-AU cooperation under the</b> Food and Nutrition Security and Sustainable Agriculture ( <b>FNSSA</b> ) <b>partnership.</b>	CSA	4,0	4,0	1		LS	JRC; 5 independent legal entities established in Africa
	HORIZON-CL6-2023-FARM2FORK-01-19: Support to the <b>markets and trade of agroecological food products under</b> the Food and Nutrition Security and Sustainable Agriculture ( <b>FNSSA</b> ) <b>partnership</b>	IA	7,0	7,0	1		LS	MAA; JRC
	HORIZON-CL6-2023-FARM2FORK-01-20: <b>EU-Africa Union – food safety</b>	RIA - Cascading fund	5,0	10,0	2			MAA; JRC
			<b>25,0</b>	<b>110</b>		<b>3</b>		
			<b>289,0</b>	<b>114</b>		<b>3</b>		

# D3. Circular Economy and Bioeconomy sectors

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- Circular Economy transition
- Bio-based systems, biotechnology and the bioeconomy
- EU forests
- Blue bioeconomy



**Calls 2023 →**

**HORIZON-CL6-2023-CIRCBIO-01 (Budget: 98,5 M€ / Closing date: 28/03/2023)**

**HORIZON-CL6-2023-CircBio-02-two-stages (Budget 80M€ / 2nd Stg: 26/09/2023)**

# D3. Circular Economy and Bioeconomy sectors (I)

	TOPIC	Type of Action	EC Contrib. (M€)	Budget 2023	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
Enabling a circular economy transition	HORIZON-CL6-2023-CIRC BIO-01-1: Enhancing <b>collaboration between</b> Circular Cities and Regions Initiative's <b>(CCRI) supporting organisations</b>	CSA	2,5	2,5	1		LS	
	HORIZON-CL6-2023-CIRC BIO-01-2: <b>One hundred circular model households</b> : making European households sustainable through inclusive circular practices	IA	6,0	18,0	3	6 - 8		
	HORIZON-CL6-2023-CIRC BIO-01-3: Harnessing the <b>innovation potential and market uptake of successful circular economy water related projects</b>	CSA	2,0	2,0	1		LS	
	HORIZON-CL6-2023-CIRC BIO-02-1-two-stage: Circular Cities and Regions Initiative <b>(CCRI)'s circular systemic solutions</b>	IA	9,0 - 10,0	58,0	6	44.779		SSH; Blind evaluation pilot
	HORIZON-CL6-2023-CIRC BIO-02-2-two-stage: <b>Novel sustainable and circular bio-based textiles</b>	IA	7,0	14,0	2	6 - 8		SSH; Blind evaluation pilot
				<b>94,5</b>	<b>13</b>		<b>2</b>	
Innovating sustainable bio-based systems, biotechnology and the bioeconomy	HORIZON-CL6-2023-CIRC BIO-01-4: Land-based bioprospecting and production of <b>bioactive compounds and functional materials for multiple bio-based value chains</b>	RIA	4,0	4,0	1	3 - 5		
	HORIZON-CL6-2023-CIRC BIO-01-5: Broadening the spectrum of <b>robust enzymes and microbial hosts in industrial biotechnology</b>	IA	5,0	10,0	2	6 - 7		
	HORIZON-CL6-2023-CIRC BIO-01-6: <b>Bio-based solutions for humanitarian applications</b>	CSA	1,5	3,0	2		LS	MAA; SSH
	HORIZON-CL6-2023-CIRC BIO-01-7: <b>Symbiosis in the bio-based industrial ecosystems</b>	CSA	1,5	3,0	2		LS	
	HORIZON-CL6-2023-CIRC BIO-01-8: Eco-friendly consumer products – <b>low-toxicity/zero pollution construction bio-based materials</b>	IA	5,0	10,0	2	6 - 8		SSH
	HORIZON-CL6-2023-CIRC BIO-01-9: <b>Business models</b> that balance the share of power and profit <b>in the bioeconomy</b>	RIA - Cascading fund	4,0	8,0	2		LS	MAA; Third parties (60.000)
	HORIZON-CL6-2023-CIRC BIO-01-10: Supporting the <b>fair and just transition</b> from GHG-intensive economies facing challenges <b>towards circular bioeconomy model regions</b>	CSA	2,0	2,0	1		LS	MAA; SSH
	HORIZON-CL6-2023-CIRC BIO-02-3-two-stage: <b>Non-plant biomass feedstocks for industrial applications</b> : technologies and processes to convert non-lignocellulosic biomass and waste into bio-based chemicals, materials and products, improving the cascading valorisation of biomass	RIA	4,0	8,0	2	5		SSH; Blind evaluation pilot
				<b>48,0</b>	<b>14</b>		<b>4</b>	

# D3. Circular Economy and Bioeconomy sectors (II)

	TOPIC	Type of Action	EC Contrib. (M€)	Budget 2023	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
Innovating for blue bioeconomy and biotechnology value chains	HORIZON-CL6-2023-CIRCBIO-01-11: Novel culturing of <b>aquatic organisms for blue biotechnology applications</b>	RIA	4,0	8,0	2	3 - 5		
				8,0	2		0	
Safeguarding the multiple functions of EU forests	HORIZON-CL6-2023-CIRCBIO-01-12: Optimising the <b>sustainable production of wood and non-wood products in small forest properties and development of new forest-based value chains</b>	RIA - Cascading fund	6,0	12,0	2		LS	MAA; Third parties (60.000)
	HORIZON-CL6-2023-CIRCBIO-01-13: Capturing <b>market trends and societal perceptions for tailor-made forest-services</b>	RIA	6,0	12,0	2			MAA; SSH
	HORIZON-CL6-2023-CIRCBIO-01-14: Monitoring the <b>multi-functionality of European forests</b>	RIA - Cascading fund	4,0	4,0	1			MAA; JRC; Third parties (60.000)
				28,0	5		1	
				178,5	34		7	

## D4. Clean environment and zero pollution

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- Halting emissions (air, soils and water)
- Protecting drinking water & urban water
- Pollution on seas and oceans
- Environmental performances & sustainability of proc & prod
- Reducing environmental impact and pollution in food systems



**Calls 2023 →**

**HORIZON-CL6-2023-ZEROPOLLUTION-01 (Budget: 64,5M€ / Closing date: 28/03/2023**

**HORIZON-CL6-2023-ZEROPOLLUTION-02-two-stages (Budget: 15M€ / 2nd Stg:  
26/09/2023**

# D4. Clean environment and zero pollution

	TOPIC	Type of Action	EC Contrib. (M€)	Budget 2023	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
Halting emissions of pollutants to air, soils and waters	HORIZON-CL6-2023-ZEROPOLLUTION-01-1: <b>Knowledge and innovative solutions in agriculture for water availability and quality</b>	RIA	6,0	6,0	1	3 - 5		Copernicus and/or Galileo/EGNOS
	HORIZON-CL6-2023-ZEROPOLLUTION-02-1-two-stage: <b>Optimisation of manure use along the management chain</b> to mitigate GHG emissions and minimize nutrients/contaminants dispersion in the environment	RIA	7,0	7,0	1		LS	MAA; Blind evaluation pilot
				<b>13,0</b>	<b>2</b>		<b>1</b>	
Addressing pollution on seas and oceans	HORIZON-CL6-2023-ZEROPOLLUTION-01-2: <b>Integrated assessment and monitoring of emerging pollutants in the marine environment</b>	RIA	6,3	12,5	2	3 - 5		JRC
	HORIZON-CL6-2023-ZEROPOLLUTION-01-3: <b>Tackling human and climate change induced pollution in the Arctic</b> - building resilient socio-ecological systems	RIA	6,0	12,0	2	3 - 5		1 project per area (A and B); JRC
				<b>24,5</b>	<b>4</b>		<b>0</b>	
Increasing environmental performances and sustainability of processes and products	HORIZON-CL6-2023-ZEROPOLLUTION-01-4: <b>Environmental sustainability and circularity criteria for industrial bio-based systems</b>	RIA	4,0	8,0	2	5		SSH
	HORIZON-CL6-2023-ZEROPOLLUTION-01-5: <b>Industrial biotechnology approaches for improved sustainability and output</b> of industrial bio-based processes	IA	5,0	10,0	2	6 - 8	LS	
	HORIZON-CL6-2023-ZEROPOLLUTION-01-6: <b>Biosensors and user-friendly diagnostic tools</b> for environmental services	RIA	4,0	8,0	2	3 - 5		
	HORIZON-CL6-2023-ZEROPOLLUTION-02-2-two-stage: <b>Safe-and-sustainable-by-design bio-based platform chemicals, additives, materials or products as alternatives</b>	RIA	4,0	8,0	2	4 - 5		Blind evaluation pilot
				<b>34,0</b>	<b>8</b>		<b>1</b>	
Reducing the environmental impact and pollution in food systems	HORIZON-CL6-2023-ZEROPOLLUTION-01-7: Strategies to <b>prevent and reduce plastic packaging pollution from the food system</b>	RIA	4,0	8,0	2			MAA
				<b>8,0</b>	<b>2</b>		<b>0</b>	
				<b>79,5</b>	<b>16</b>		<b>2</b>	

# D5. Land, oceans and water for climate action

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- Water resources
- Oceans and climate
- Climate and agriculture
- *Paludiculture*
- *Climate-smart use of wood*
- *EU-China international cooperation*



**Call 2023 →**

**HORIZON-CL6-2023-CLIMATE-01 (Budget: 108 M€ / Closing date: 12/04/2023)**

# D5. Land, oceans and water for Climate action

TOPIC	Type of Action	EC Contrib. (M€)	Budget 2023	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
HORIZON-CL6-2023-CLIMATE-01-1: Additional activities for the European <b>Partnership Water Security for the Planet (Water4All)</b>	CO-FUND	36,0	36,0	1			Copernicus and/or Galileo/EGNOS
HORIZON-CL6-2023-CLIMATE-01-2: Improve the <b>reliability and effectiveness of alternative water resources supply systems and technologies</b>	IA	3,3	10,0	3			JRC; SSH
HORIZON-CL6-2023-CLIMATE-01-3: <b>Ocean and coastal waters carbon- and biodiversity-rich ecosystems and habitats in Europe and the Polar Regions</b>	RIA	5,0	10,0	2	3 - 5 / 2 - 4	LS	1 project per Area (A and B)
HORIZON-CL6-2023-CLIMATE-01-4: <b>Demonstration network on climate-smart farming – linking research stations</b>	RIA	20,0	20,0	1			MAA; SSH
HORIZON-CL6-2023-CLIMATE-01-5: <b>Pilot network of climate-positive organic farms</b>	CSA	5,0	5,0	1		LS	MAA;SSH
HORIZON-CL6-2023-CLIMATE-01-6: <b>Analysing fossil-energy dependence in agriculture to increase resilience against input price fluctuations</b>	RIA	5,0	5,0	1		LS	JRC
HORIZON-CL6-2023-CLIMATE-01-7: Enhancing the <b>sustainable production of renewable energy at farm-level</b>	RIA	5,0	5,0	1			MAA
HORIZON-CL6-2023-CLIMATE-01-8: <b>Closing the research gaps on Essential Ocean Variables (EOVs) in support of global assessments</b>	IA	5,0 - 6,0	17,0	3	7 - 8 / 7 - 8 / 5 - 6		1 project per Area (A, B and C); Copernicus and/or Galileo/EGNOS
			<b>108,0</b>	<b>13</b>		<b>4</b>	

## D6. Rural, coastal and urban communities

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- Social inclusion in rural areas
- Territorial governance
- Urban farming impacts
- Communicating sustainable foods
- *Sustainable business and production models*

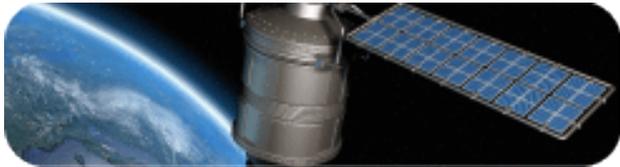


**Call 2023→**

**HORIZON-CL6-2023-COMMUNITIES-01 (Budget: 38,5 M€ / Closing date: 12/04/2023)**

# D6. Rural, coastal and urban communities

	TOPIC	Type of Action	EC Contrib. (M€)	Budget 2023	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
	HORIZON-CL6-2023-COMMUNITIES-01-1: Enhancing <b>social inclusion in rural areas</b> : focus on people in a vulnerable situation and social economy	RIA	5,0	10,0	2			MAA
	HORIZON-CL6-2023-COMMUNITIES-01-2: <b>Improving rural future through better territorial governance and rural-urban synergies</b>	IA - Cascading fund	5,5	11,0	2			MAA; Third parties (60.000)
	HORIZON-CL6-2023-COMMUNITIES-01-3: <b>International benchmarking of rural and territorial policies</b> and delivery mechanisms	CSA	3,0	3,0	1		LS	
	HORIZON-CL6-2023-FARM2FORK-01-4: Investigating the <b>contribution of geographical indications (GIs) to sustainable development and optimising support for newly established schemes</b>	RIA	3,0	3,0	1		LS	
	HORIZON-CL6-2023-COMMUNITIES-01-5: <b>Assessing urban farming impacts</b>	RIA	5,0	5,0	1			
	HORIZON-CL6-2023-COMMUNITIES-01-6: <b>Inclusive and smart ways to communicate sustainability of food</b>	RIA	6,5	6,5	1			MAA; JRC
				<b>38,5</b>	<b>8</b>		<b>2</b>	



## D7. Governance, Environmental Observation and Digital Solutions

- Governance models & policies
- Environmental Observations
- Digital and data technologies
- Strengthening AKIS (Agriculture Knowledge and Innovation Systems)



**Call 2023 →**

**HORIZON-CL6-2023-GOVERNANCE-01 (Budget: 150,0 M€ / Closing date: 23/03/2023)**

# D7. Governance, Environmental Observation and Digital Solutions

	TOPIC	Type of Action	EC Contrib. (M€)	Budget 2023	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
Innovating with governance models and supporting policies	HORIZON-CL6-2023-GOVERNANCE-01-1: European <b>Partnership of Agriculture of Data</b>	CO-FUND	40,0	40,0	1			
	HORIZON-CL6-2023-GOVERNANCE-01-2: <b>Advancing analytical- capacity and tools to support EU agri-food policies post 2027</b>	RIA	6,0	6,0	1			JRC
	HORIZON-CL6-2023-GOVERNANCE-01-3: <b>Towards CAP post 2027: evidence on nudging farmers to leverage more sustainable practices and behaviours</b>	RIA	3,0	3,0	1			MAA; JRC
	HORIZON-CL6-2023-GOVERNANCE-01-4: Developing an interdisciplinary and inclusive <b>pan-European academic network for food system science</b>	RIA	6,0	6,0	1			JRC
	HORIZON-CL6-2023-GOVERNANCE-01-5: <b>Revitalisation of European local (rural / peri-urban) communities with innovative bio-based business models and social innovation</b>	RIA	5,0	5,0	1			SSH
	HORIZON-CL6-2023-GOVERNANCE-01-6: <b>Co-creation and trust-building measures for biotechnology and bio-based innovation systems</b>	CSA	1,5	1,5	1		LS	
	HORIZON-CL6-2023-GOVERNANCE-01-7: <b>Integrated assessment of land use and biomass demands to contribute to a sustainable healthy and fair bioeconomy</b>	RIA	4,0	4,0	1			MAA; JRC
	HORIZON-CL6-2023-GOVERNANCE-01-8: Mobilising <b>BIOEAST networks</b> for the development of national bioeconomy action programmes in support of the European Green Deal	CSA	3,5	3,5	1		LS	MAA
				<b>69,0</b>	<b>8</b>		<b>2</b>	
Deploying and adding value to Environmental Observations	HORIZON-CL6-2023-GOVERNANCE-01-9: Coordination and supporting action to increase <b>synergies in the dissemination and exploitation of climate observation by World Metrological Organization</b> and its subsidiary bodies	CSA	2,0	2,0	1		LS	JRC
	HORIZON-CL6-2023-GOVERNANCE-01-10: <b>Support to EuroGEO initiative</b> coordination/establishing a EuroGEO secretariat	CSA	2,0	2,0	1		LS	JRC
	HORIZON-CL6-2023-GOVERNANCE-01-11: <b>Reducing observation gaps in the land-sea interface area</b>	RIA	9,0	9,0	1			Copernicus and/or Galileo/EGNOS
	HORIZON-CL6-2023-GOVERNANCE-01-12: <b>Empowering citizens to monitor, report and act in partnership with relevant public authorities to protect their environment</b> in the context of environmental compliance assurance	RIA	7,0	7,0	1			JRC; Copernicus and/or Galileo/EGNOS
				<b>20,0</b>	<b>4</b>		<b>2</b>	

# D7. Governance, Environmental Observation and Digital Solutions

	TOPIC	Type of Action	EC Contrib. (M€)	Budget 2023	# Proposal funded (Estimated)	TRLs	LS	COMENTARIOS
Digital and data technologies as key enablers	HORIZON-CL6-2023-GOVERNANCE-01-13: <b>Open source solutions for edge, cloud and mixed model applications</b> to strengthen production and administrative capacities in <b>agriculture</b>	RIA - Cascading fund	5,0	10,0	2	5 - 7		MAA; Third parties (60.000)
	HORIZON-CL6-2023-GOVERNANCE-01-14: <b>Digital and data technologies for livestock tracking</b>	CSA	5,0	5,0	1		LS	
	HORIZON-CL6-2023-GOVERNANCE-01-15: <b>Digitalisation in agriculture and forestry:</b> markets for data, and digital technologies and infrastructure – state of play and foresight in a fast changing regulatory, trade and technical environment	RIA	5,0	5,0	1	3 - 5		
	HORIZON-CL6-2023-GOVERNANCE-01-16: <b>Digital technologies supporting plant health</b> early detection, territory surveillance and phytosanitary measures	RIA	5,0	10,0	2			MAA; Copernicus and/or Galileo/EGNOS
	HORIZON-CL6-2023-GOVERNANCE-01-17: <b>Data-driven solutions to foster industry's contribution to inclusive and sustainable food system</b>	RIA	4,0	8,0	2			MAA
				<b>38,0</b>	<b>8</b>		<b>1</b>	
Strengthening agricultural knowledge and innovation systems	HORIZON-CL6-2023-GOVERNANCE-01-18: <b>Broaden EIP Operational Group outcomes across borders</b> by means of <b>thematic networks</b> to compile and share knowledge ready for practice	CSA	2,0	4,0	2		LS	MAA
	HORIZON-CL6-2023-GOVERNANCE-01-19: <b>Thematic networks</b> to compile and share knowledge ready for practice	CSA	3,0	6,0	2		LS	MAA
	HORIZON-CL6-2023-GOVERNANCE-01-20: <b>Developing an EU advisory network on organic agriculture</b>	CSA	5,0	5,0	1		LS	MAA
	HORIZON-CL6-2023-GOVERNANCE-01-21: <b>Developing EU advisory networks on the use of pesticide</b>	CSA	4,0	4,0	1		LS	MAA
	HORIZON-CL6-2023-GOVERNANCE-01-22: <b>Developing EU advisory networks on the optimal fertiliser use</b>	CSA	4,0	4,0	1		LS	MAA
				<b>23,0</b>	<b>7</b>		<b>5</b>	
			<b>150,0</b>	<b>27</b>		<b>10</b>		

# Clúster 6, de las sinergias....

---



# NCPs del Clúster 6

## Puntos nacionales de contacto

Alimentación, Bioeconomía, Recursos Naturales, Agricultura y Medioambiente



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# Índice

- Contexto
- Clúster 5.Clima
- Clúster 6
- **Partenariados y Misiones**

# Horizonte Europa – Novedades

De Horizonte 2020 a Horizonte Europa → evolución NO revolución

## Evaluación intermedia de H2020

-  Apoyar la innovación de vanguardia.
-  Crear un mayor impacto a través de la orientación de las misiones y la participación ciudadana.
-  Fortalecer la cooperación internacional.
-  Reforzar el carácter abierto.
-  Racionalizar el panorama de financiación.
-  Fomentar la participación.



## Novedades en Horizonte Europa

Consejo Europeo de Innovación (EIC)

Misiones de investigación e innovación



Posibilidades de asociación ampliadas

Política de ciencia abierta

Nueva aproximación a las asociaciones



Difundir la excelencia

## PILLAR II - Global challenges & European industrial competitiveness

## PILLAR III - Innovative Europe

Cluster 1: Health	Cluster 4: Digital, industry and space	Cluster 5: <del>Climate</del> , energy and mobility	Cluster 6: Food, bioeconomy, natural resources, agriculture and environment	EIT: The European Institute of Innovation and Technology	European innovation ecosystems
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen	Circular Bio-based Europe	EIT InnoEnergy	Innovative SMEs
Global Health EDCTP3	Smart Networks and Services	Clean Aviation	Biodiversa+	Climate-KIC	
Transformation of Health Care Systems	High Performance Computing	Single European Sky ATM Research 3	Blue Economy	EIT Digital	
Risk Assessment of Chemicals	European Metrology (Art. 185)	Europe's Rail	Water4All	EIT Food	
ERA for Health	AI-Data-Robotics	Connected, Cooperative and Automated Mobility	Animal Health and Welfare	EIT Health	
Rare Diseases	Photonics	Batteries	Accelerating Farming Systems Transitions	EIT Raw materials	
One-Health Antimicrobial Resistance	Made in Europe	Zero-emission Waterborne Transport	Agriculture of data	EIT Manufacturing	
Personalised Medicine	Clean Steel – Low-Carbon Steelmaking	Zero-emission Road Transport	Safe and Sustainable Food Systems	EIT Urban Mobility	
Pandemic Preparedness	Processes4Planet	Built4People		Cultural and Creative Sectors and Industries	
	Globally Competitive Space Systems	Clean Energy Transition		<b>CROSS-PILLARS II and III</b>	
		Driving Urban Transitions		European Open Science Cloud	

■ Co-funded  
■ Co-programmed  
■ Institutionalised partnerships (Art 185/7, EIT KICs)

# Partenariados Europeos

**1er Plan Estratégico  
2021 - 2024**



# 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
 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
 Environmental observations for a sustainable EU agriculture	2023	100
 Safe and sustainable food systems for people, planet and climate	2023	175

} Launching Calls



# Water4All – “Water security for the planet”

The screenshot shows the Water4All website with a navigation menu at the top: About us, Work Program, Joint Activities, Joint Calls, News, Event Calendar, Resources, and a search icon. A callout box highlights the 'Joint Calls' section, listing: Joint Call, Vision and strategic agenda, Knowledge hub, and Water living labs. Another callout box highlights the 'CALL 2022' section, listing: CALL 2022 and Call Announcement. The main content area features the heading 'Water Security for the planet' and a paragraph about the Water4All Partnership. Below this are 'READ MORE' and 'CONTACT US' buttons. A 'Key Publications' section is also visible, featuring a book cover and the text 'Strategic Research and Innovation Agenda' dated 'SEPTEMBER 30'. A 'SEE ALL NEWS' link is present. At the bottom, there are two circular icons: one with a location pin and the number '81 Partners', and another with a globe and the number '31 Countries involved'. A large callout box at the bottom right contains the following text:

**Información sobre las convocatorias de Water4All**

**Puntos de contacto nacionales en las agencias financiadoras ES**

- CDTI: Héctor González ([hector.gonzalez@cdti.es](mailto:hector.gonzalez@cdti.es))
- AEI: Maja Kolar, Silvia Lorrio, Esther Chacón ([water4All.aei@aei.gob.es](mailto:water4All.aei@aei.gob.es))

# Biodiversa+, “European Biodiversity Partnership”



[Home](#) [About us](#) [Action areas](#) [Research funding](#) [Actionable knowledge](#) [Engagement](#)

[News](#) [Contact](#)

<https://www.biodiversa.eu/>



## The European Biodiversity Partnership

supporting excellent research on biodiversity with an impact for society and policy.

Research & Innovation

Biodiversity monitoring

NBS & Biodiversity valuation

Science & Policy

Internationalisation

Open call

Past calls

Funded projects

Guides & capacity building

### Información sobre las convocatorias de Biodiversa+

#### Puntos de contacto nacionales en las agencias financiadoras ES

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- AEI: Patricia Vera, Esther Chacón ([era-medioambiente@aei.gob.es](mailto:era-medioambiente@aei.gob.es))
- FB: Carmen Gutierrez, Sandra Blázquez, Javier Remiro  
([biodiversa@fundacion-biodiversidad.es](mailto:biodiversa@fundacion-biodiversidad.es))

# SBEP, “Sustainable Blue Economy Partnership”



Sustainable Blue  
Economy Partnership

About

Vision

Facts &  
figures

How can you  
engage?

Intervention  
areas

Contact

Call Pre-  
announcement



## ◀ News Release: Partnership kicks off in Rome

From 23 to 25 January the network of 60 Partners from 25 countries and the European Commission gathers in Rome to discuss and showcase its planned activities. With the launch of the first joint call for proposals approaching in February 2023, the partnership will start an unprecedented effort to pool research and innovation investments and align national programmes at pan-European scale.

<https://bluepartnership.eu/#about>

# SBEP, “Sustainable Blue Economy Partnership”



Sustainable Blue Economy Partnership  
@BlueEconomyEU

🔔 Get ready for the @BlueEconomyEU first joint transnational call! “The way forward: a thriving sustainable blue economy for a brighter future”

🕒 Call launch (Provisional): 13/02/23, 15:00 CET (Brussels Time)

👉 More info: [bluepartnership.eu/#call](https://bluepartnership.eu/#call)

**1st Joint Transnational Call pre-announcement**

- 5 intervention areas
- provisional call launch: 13/02/23
- more details: [www.bluepartnership.eu](https://www.bluepartnership.eu)

Co-funded by the European Union EUROPEAN PARTNERSHIP

Ministero dell'Università e della Ricerca and 9 others

10:45 AM · Jan 25, 2023 · 151 Views

## SBEP 1ª convocatoria

### Fechas tentativas:

- 13 / febrero / 2023 (15h CET)
- 14 / abril / 2023 (15h CET)

### 5 Áreas prioritarias:

1. Planning and managing sea-uses at the regional level
2. Development of offshore marine multi-use infrastructures to support the blue economy
3. Climate-neutral, environmentally sustainable, and resource-efficient blue food and feed
4. Green transition of Blue Food production
5. Ocean Digital Twin (ODT) test use cases at EU sea-basins and the Atlantic Ocean

### Información sobre las convocatorias de SBEP

#### Puntos de contacto nacionales en las agencias financiadoras ES

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- AEI

# Circular Bio-based Europe sucesor de BBI en HE

- **Socios:** EC & BIC



- **Presupuesto:** 2.000 M€

1.000 M€



1.000 M€



# Objetivos CBE

## General objectives

**1. Accelerate the innovation process and development of bio-based innovative solutions**

**2. Accelerate market deployment of the existing mature and innovative bio-based solutions**

**3. Ensure a high level of environmental performance of bio-based industrial systems.**

## Specific objectives

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

2.1. 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

3.1. 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>



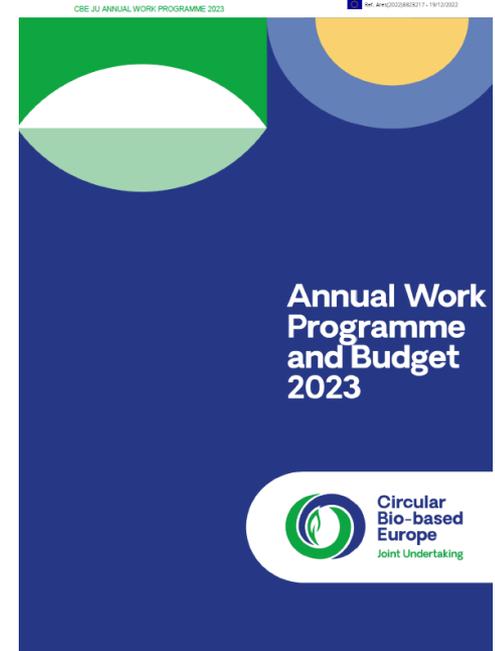
@HorizonteEuropa

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.**



# CBE: Calendario previsto 2023

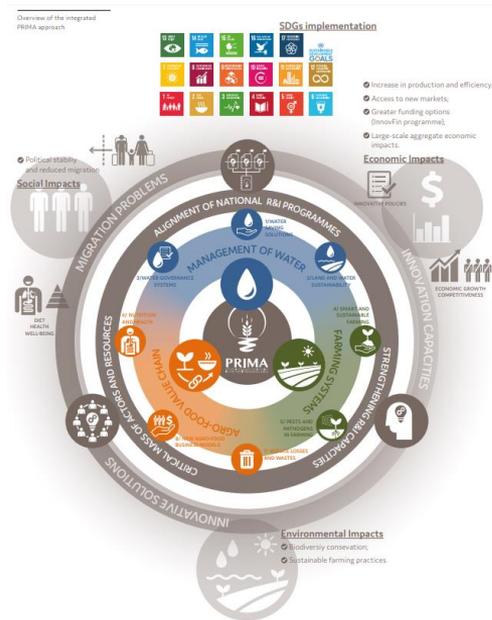
- **AWP 2023 publicado** (Incluye los topics de la Call 2023)
- **Call 2023**
  - Apertura: 20 abril 2023
  - Cierre: **20 septiembre 2023**
  - Presupuesto: **215,5 M€**
  - 18 topics: 5 RIA, 7 IA, 4 IA-flagship, 2 CSA
- **Infoday: 20 de abril 2023. Save the date!**
- **Más información: Marta de Diego** ([marta.dediego@cdti.es](mailto:marta.dediego@cdti.es))



# PRIMA - Convocatorias 2023



Partnership for **R**esearch and **I**nnovation  
in the **M**editerranean **A**rea



# Plan de trabajo annual – Calls 2023 – **version preliminar**

[https://prima-med.org/wp-content/uploads/2022/12/PRIMA-AWP2023-v24.12\\_PRELIMINARY-VERSION-1.pdf](https://prima-med.org/wp-content/uploads/2022/12/PRIMA-AWP2023-v24.12_PRELIMINARY-VERSION-1.pdf)

## Section 1, four Calls for proposals

### THEMATIC AREAS



Management of water



Farming systems



Agro-food value chain



WEFE Nexus

4 Topics

32,9 million €

## Section 2, a single multi-topic Call

### THEMATIC AREAS:



Management of water



Farming systems



Agro-food value chain

3 Topics

36,3 million €



MINISTERIO  
DE CIENCIA  
E INNOVACIÓN



# Calendario AWP 2023 – **version preliminar**

## Sección 1 – H2020 like

Table 5. Timetable for Section 1 Calls for Proposals in 2023

THEMATIC AREA	CALL TOPICS	Call publication and opening	Submission deadline Stage 1	Evaluation results
Water management	Topic 1.1.1 (IA)	25/01/2023	22/03/2023	16/06/2023
Farming systems	Topic 1.2.1 (IA)	25/01/2023	22/03/2023	16/06/2023
Agri-food chain	Topic 1.3.1 (RIA)	25/01/2023	22/03/2023	16/06/2023
WEFE NEXUS theme	Topic 1.4.1 (IA)	25/01/2023	22/03/2023	16/06/2023

## Sección 2 – National regulations

Table 8. Timetable for Section 2 call for proposals in 2023

THEMATIC AREA	CALL TOPICS	Call publication and opening	Submission deadline Stage 1	Evaluation Stage
Water management	Topic 2.1.1	25/01/2023	29/03/2023	23/06/2023
Farming systems	Topic 2.2.1	25/01/2023	29/03/2023	23/06/2023
Agri-food value chain	Topic 2.3.1	25/01/2023	29/03/2023	23/06/2023



**PRIMA Program Mediterranean Partnership** 

@PrimaProgram

...

Official launch of @PrimaProgram funding calls for projects 2023 in the thematic areas of #water management, #farming systems, #agrifood value chain, and #nexus.

Applications are now open!

Submission deadline Stage 1, March 22, 2023!

Details:



Funding Opportunity

2023 calls are now open

prima-med.org  
Funding Opportunities: The 2023's Calls are Open - PRIMA  
We are thrilled to announce the official launch of our funding calls for projects in the thematic areas of water management, farming systems, agri-food valu...

6:12 PM · Jan 25, 2023 · 711 Views

# Información y apoyo



The image shows the PRIMA website header with navigation links: WHO WE ARE, WHAT WE DO, RESEARCH & INNOVATION, JOIN OUR COMMUNITY, and MAGAZINE & MEDIA. Below the header is a banner with a background image of agricultural machinery in a field. The banner text reads: "Funding Projects contributing to **sustainable** use of natural resources, economic **growth** and **stability** in the Mediterranean". A white box overlaid on the banner contains the URL: <https://prima-med.org/> @PrimaProgram

## PRIMA INFO DAY 2023



**Barcelona, 19/01/2023 – REMOTE via Zoom**

The PRIMA Info Day will feature speakers from the PRIMA Secretariat who will present the 2023 call topics, rules of participation, and how to apply for the calls.

The info day will be streamed online, and participants will have the opportunity to ask questions before and throughout the event during the dedicated Q&A sessions. A recording of the info day will be available after the event on this page and PRIMA's YouTube channel.

[Register here](#)

[Download the Agenda](#)

[Download PRIMA AWP2023 PRELIMINARY VERSION](#)

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# Misiones en Clúster 6 – Clima.Clúster 5

Adaptation to  
Climate Change



Climate-  
neutral and  
Smar Cities



Five EU  
Missions



Cancer

Soil Deal for  
Europe



Restore our  
Ocean and  
Waters



[Missions in Horizon Europe | European Commission \(europa.eu\)](https://european-commission.eu)

# Misiones EU en Clúster 6



**European Missions**

**A Soil Deal for Europe**  
100 living labs and lighthouses to lead the transition towards healthy soils by 2030



Implementation Plan

[EU Mission: A Soil Deal for Europe | European Commission \(europa.eu\)](https://ec.europa.eu/eu-mission-2030/soil-deal)



**European Missions**

**Restore our Ocean and Waters by 2030**



Implementation Plan

[EU Mission: Restore our Ocean and Waters | European Commission \(europa.eu\)](https://ec.europa.eu/eu-mission-2030/ocean-waters)



**European Missions**

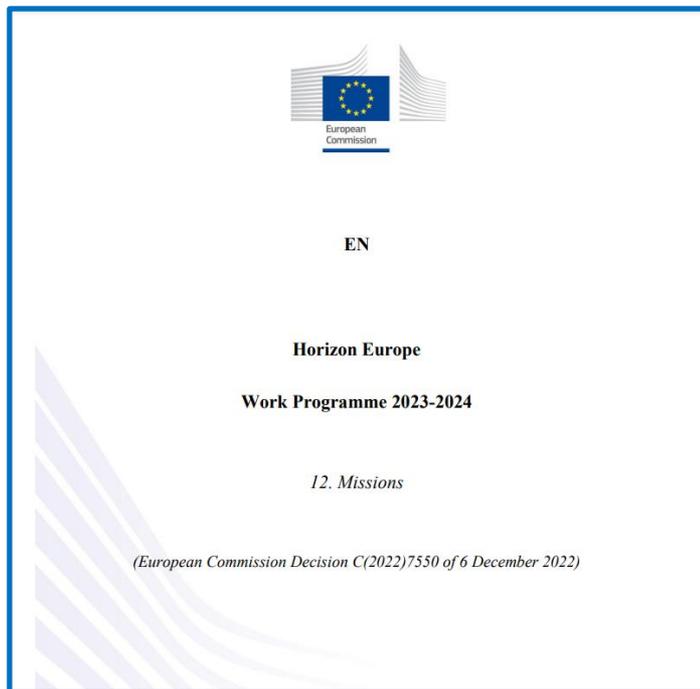
**Adaptation to Climate Change**  
Support at least 150 European regions and communities to become climate resilient by 2030



Implementation Plan

[EU Mission: Adaptation to Climate Change](https://ec.europa.eu/eu-mission-2030/adaptation-climate-change)

# Misiones - Programa de Trabajo 2023\*



**Convocatorias ABIERTAS!**

# Programa de Trabajo 2023

---



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**Fecha de cierre:  
20/septiembre/2023**

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**Fecha de cierre:  
20/septiembre/2023**



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# Programa de Trabajo 2023

Adaptation to  
Climate Change



Topic code	Topic title	ToA	2023 budget (M€)	Estimated EU contribution (M€)	Nº expct. grants	TRLs	Specific conditions
HORIZON-MISS-2023-CLIMA-01-01	Testing and demonstrating transformative solutions <b>increasing climate resilience of the agriculture and/or forestry sector</b>	IA	30,00	8,00 - 10,00	3	(6 - 8)	At least 4 regions/comm in 3 MSs/Acs. <b>OJO!!!! Portfolio approach = Biogeographical area</b>
HORIZON-MISS-2023-CLIMA-01-02	Testing and demonstrating transformative solutions to <b>protect critical infrastructure</b> from climate change, mainstreaming nature based solutions.	IA	34,81	8,00 - 11,00	3	(6 - 8)	At least 4 regions/comm in 3 MSs/Acs + Copernicus - Galileo/EGNOS + Infrastructures < 20% of the total eligible costs. <b>OJO!!!! Portfolio approach = Biogeographical area</b>
HORIZON-MISS-2023-CLIMA-01-03	Testing and demonstrating transformative solutions to <b>build resilience towards health risks</b> caused by the effects of climate change	IA	18,00	4,50 - 6,00	3	(6 - 7)	At least 4 regions/comm in 3 MSs/Acs + Copernicus - Galileo/EGNOS. <b>OJO!!!! Portfolio approach = Biogeographical area</b>

**Fecha de cierre: 20/septiembre/2023**

# Programa de Trabajo 2023 - Joint calls

Topic code	Topic title	ToA	2023 budget (M€)	Estimated EU contr. (M€)	Nº expt. grants	TRLs	Additional conditions
HORIZON-MISS-2023-CLIMA-CITIES-01-01	<b>Urban greening and re-naturing for urban regeneration, resilience and climate neutrality</b>	IA	40,00	10,00 - 20,00	4		At least 4 regions/comm in different MSs/ACs + Copernicus - Galileo/EGNOS + Infrastructures < 20% of the total eligible costs + <b>Page limit = 70</b>
HORIZON-MISS-2023-CLIMA-OCEAN-SOIL-01-01	Joint demonstration of an <b>integrated approach to increasing landscape water retention capacity at regional scale</b>	IA (Cascade funding)	15,00	15,00	1	(6 - 7)	MAA + At least 3 different MSs/ACs + Copernicus - Galileo/EGNOS + Additional Open Science practices + <b>Page limit = 70</b>
HORIZON-MISS-2023-OCEAN-SOIL-01-01	Joint demonstration of approaches and solutions to <b>address nutrient pollution in the landscape-river-sea system in the Mediterranean sea basin</b>	IA	16,00	8,00	2	(6 - 7)	Demos in 3 different MSs/ACs of the Mediterranean basin + JRC + Copernicus - Galileo/EGNOS + Additional Open Science practices + <b>Page limit = 70</b>

## **Fechas cierre:**

- **CLIMA-CITIES: 27/abril/2023**
- **Las otras dos: 20/septiembre/2023**

# NCPs de Misiones

## Misiones



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[www.HorizonteEuropa.es](http://www.HorizonteEuropa.es)

@HorizonteEuropa

# Índice

- Contexto
- Clúster 5.Clima
- Clúster 6
- Partenariados y Misiones

Algunos apuntes finales.....

# A modo de conclusión.....

Políticas, estrategias, iniciativas....a tener en cuenta

Convocatorias estándar + Partenariados + Misiones



**Calls 2023 – Clima.C5 cierran el 18/04/2023**



**Calls 2023 – Clúster 6 cierran... 23/03 - 28/03 - 12/04/2023**



**Calls 2023 – Misiones y Partenariados.... otras fechas de cierre**

# Apúntate como Evaluador\*

European Commission Funding & tender opportunities

English register Login

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

\*<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/work-as-an-expert>

### Work as an expert

The European Union Institutions appoint external experts to assist in the evaluation of grant applications, projects and tenders, and to provide opinions and advice in specific cases.

**Being an expert for the European Commission**

In particular, experts assist in:

- Evaluation of proposals, prize applications and tenders
- Monitoring of actions, grant agreements, public procurement contracts

In addition, experts provide opinion and advise on:

- Preparation, implementation and evaluation of EU programmes and design of policies.

In order to select experts, the European Union Institutions publish regularly calls for expression of interest (see list below) detailing the selection criteria, the required expertise, the description of the tasks, their duration and the conditions of remuneration.

Interested? Please join the database of external experts!

[Register as expert](#)

As new expert, you will be first requested to create your EU login account and register your profile.

Registered experts can update the profile via the My Expert Area after login.

#### News

15 Feb. 2021  
**INEA looking for experts to assess CEF Energy calls**  
The Innovation and Networks Executive Agency (INEA) is looking for experienced experts in energy to assess project proposals submitted under the 2021 Connecting...

24 Mar. 2021  
**Call for expression of interest 2021-2027 – New**  
The new call for expression of interest for experts for the programming period 2021-2027 is now open. Note: if you are already registered as an expert answering...

#### Quick Links

- Experts standard briefing slides
- FAQ for Experts
- Expert recommendations
- Lists of contracted experts
- EU Grants - Model Contract for Experts
- Methodology for expert fees for remote evaluation and ethics review
- FAQ on the evaluation of innovation, social sciences and humanities and other aspects of H2020 proposals

#### Calls for expressions of interest for experts

- Calls for expressions of interest for experts (2021-2027)
- Calls for expressions of interest for experts (2014-2020)

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

European Research Executive Agency @REA\_research

In **2022** our most popular post called for women specialists to join our team of expert evaluators

In **2023** we're calling for the same!

Apply to become an evaluator & help select projects for **#EU** funding [europea.eu/!mRBWjy](https://europea.eu/!mRBWjy)

Let's build **#gender** balance in **#STEM!**

European Research Executive Agency @REA\_research · Apr 7, 2022

calling all #women specialists in various disciplines 🧑🏫👩🏫👨🏫

Want to help us identify the best ideas 🏆 to fund?

Join a team of #experts to select the next generation of **#research** projects that will have a positive impact on our **#planet** & society!

More [europea.eu/!mRBWjy](https://europea.eu/!mRBWjy)

**"To women across Europe: no matter what sector you work in, your expertise can make a difference. We are calling women to help us identify the best ideas to fund! Register as an expert-evaluator in the European Commission's database, for the chance to select the research projects and innovations that will have a positive impact for our planet and for future generations."**

**Mariya Gabriel**  
European Commissioner for Innovation, Research, Culture, Education, Youth and Sport

European Commission

# Eventos de interés



Cluster 6  
**FOOD, BIOECONOMY,  
NATURAL RESOURCES,  
AGRICULTURE &  
ENVIRONMENT**

Info days

**Horizon Europe info day -  
Cluster 6**

13 - 14 December 2022

Online only



EUROPEAN UNION

**Cluster 6  
FOOD, BIOECONOMY,  
NATURAL RESOURCES,  
AGRICULTURE &  
ENVIRONMENT**

**Still OPEN!!!!  
(31/Jan)**

#HorizonEU

**BROKERAGE**  
19 December 2022

THE EU RESEARCH & INNOVATION PROGRAMME 2021 - 2027

**Taller de apoyo a coordinadores →  
21 / febrero / 2023 (presencial)**



GOBIERNO DE ESPAÑA  
MINISTERIO DE CIENCIA E INNOVACIÓN

**CDTI  
INNOVACIÓN**

Infoday Nacional Clúster 6 y Clúster 5-Clima Convocatorias  
2023

Agenda Inscripción Plantilla idea proyecto Presentaciones Grabación

Diciembre  
21  
Empieza: 09:30  
Acaba: 14:00  
Añadir a la agenda

CDTI Centro para el C. del Cid, 4, 28001 Madrid, España  
Ver mapa



# ¿Qué podemos hacer los NCPs por vosotros?



**LA IDEA**



**ENCAJE EN TOPIC**



**EL CONSORCIO**



**LA PROPUESTA**



**PROYECTO**



**EL ACUERDO**



**EVALUACIÓN**



**EL ENVÍO**



**REVISION**

# Horizonte Europa – Plan Estratégico 2025-2027

NEWS ARTICLE | 1 December 2022 | Directorate-General for Research and Innovation

## Now open: Largest public consultation ever held on the past, present and future of the European research and innovation programmes 2014-2027

The public consultation allows participants to:

- Point out the achievements and shortcomings of the previous EU research and innovation programme Horizon 2020, its relevance and the procedures associated with the application process and funding management;
- Express views on Horizon Europe's design and implementation up until now;
- Identify future priorities for Horizon Europe's Strategic Plan 2025-2027, providing inputs on emerging research and innovation needs, on synergies across EU programmes, etc.

[Info Public Consultation](#)

# Portal español de Horizonte Europa



<https://www.horizonteeuropa.es/>

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Telegram



RSS



PUNTOS NACIONALES DE CONTACTO



CÓMO PARTICIPAR



¡ÚNETE A NOSOTROS!



DOCUMENTOS DE INTERÉS

*iiiiMuchas gracias!!!!*





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



@HorizonteEuropa - @CDTI-innovacion