

#CONAMA2024

# Espacio **CONAMA** **INNOVA**

**Horizonte Europa –  
Investigación e Innovación para Avanzar**

**Lydia González Fernández**  
Horizonte Europa / CDTI



#innovacion  
#ayudascdti  
#asesoramiento  
#internacionalizacion



CONAMA 2024

Compartir para Avanzar

# Horizonte Europa – Investigación e Innovación para Avanzar



Lydia González  
Departamento de Retos Sociales - CDTI  
[lydia.gonzalez@cdti.es](mailto:lydia.gonzalez@cdti.es)

3 / diciembre / 2024



# Horizonte Europa – Investigación e Innovación para Avanzar

- Contexto
- Horizonte Europa – Programa
- CONAMA y Horizonte Europa
- Horizonte Europa – Participación española

# AYUDANDO A **CREAR FUTURO**



@CDTI\_INNOVACION  
WWW.CDTI.ES

I+D

HORIZONTE  
**EUROPA**

Ley 14/2013, de 26 de junio, de la Ciencia, la Tecnología y la Innovación:  
El CDTI tiene la condición de **agente de financiación del Sistema Español de Ciencia, Tecnología e Innovación** en el ámbito de la Administración General del Estado



GOBIERNO  
DE ESPAÑA

MINISTERIO  
DE CIENCIA, INNOVACIÓN  
Y UNIVERSIDADES





# EL CDTI

Red de puntos de  **PIDI**  
**información sobre**  
**Ayudas I+D+I**

Red de Políticas  
de **I+D+I**  **RedIDI**

Oficinas  
**Internacionales CDTI**

Grandes  
**Instalaciones Científicas**

Asesoramiento  
**Experto**

Convenios con  
**Agencias Regionales**

Internacionalización  
**I+D+I**

**...y otros**

Financiación **I+D+I**

**Ayudas CDTI  
Directas**

**Ayudas  
In-Directas**

Representación  
**Institucional**

Acuerdos Internacionales  
**Cooperación Tecnológica e  
innovación**

  
**HORIZONTE  
EUROPA**  
@HorizonteEuropa

# Horizonte Europa – Investigación e Innovación para Avanzar

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IPCC  
@IPCC\_CH

Findings from the latest #IPCC #ClimateReport informed the @UNFCCC #COP26 #GlasgowClimatePact.

- ➡ Human activities have caused around 1.1 °C of #globalwarming.
- ➡ Impacts of #climatechange are being felt in every region of the 🌍

Read ➡ [bit.ly/WGIReport](https://bit.ly/WGIReport)  
Watch ➡



IPCC Climate Change 2022  
The Working Group I contribution to the Sixth Assessment Report (AR6) provides up-to-date physical understanding of the current state of climate change and its drivers, the observed changes, the projected future changes, and the natural climate variability.

3:15 PM · Nov 15, 2021 · Twitter

HORIZONTE  
**EUROPA**  
@HorizonteEuropa

Copernicus ECMWF  
@CopernicusECMWF

February #Temperature highlights from the #CopernicusClimate Change Service (#C3S).

Last month was:  
 - the warmest February on record globally;  
 - 1.77°C warmer than an estimate of the pre-industrial average February temperature.

For more information [climate.copernicus.eu/surface-air-temperatures](https://climate.copernicus.eu/surface-air-temperatures)

Surface air temperature anomaly for February 2024

© Copernicus ECMWF and 3 others

9:16 AM · Mar 7, 2024 · 95.2K Views

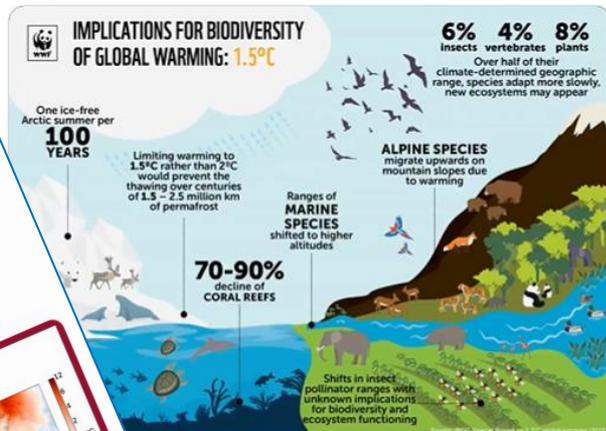
EU Environment reposted



UN Biodiversity  
@UNBiodiversity

Are you interested in learning more about the implications of global warming on #biodiversity? Find out more through this infographic/ video from @WWF

Via @FAOclimate



2024 · 14.2K Views

# Un poco de contexto....



EU Environment Agency  
@EUEnvironment

**NEW** The EEA's first #EUCRA - European #ClimateRisk assessment is out. It identifies 36 major climate risks for Europe within 5 broad clusters: ecosystems, food, health, infrastructure, and economy & finance. Find out more: [eea.europa.eu/en/newsroom/news](https://eea.europa.eu/en/newsroom/news)

## IS EUROPE PREPARED FOR RAPIDLY GROWING CLIMATE RISKS?

The first European Climate Risk Assessment finds that many climate risks require urgent action now

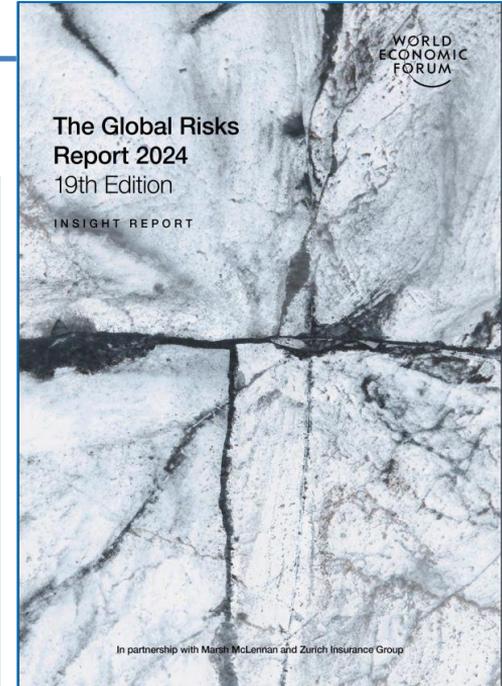
#EUCRA

European Environment Agency



0:17

8:10 AM · Mar 11, 2024 · 281 Views



**FIGURE C Global risks ranked by severity over the short and long term**

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

**Risk categories**

- Economic
- Environmental
- Geopolitical
- Societal
- Technological



Source  
World Economic Forum Global Risks  
Perception Survey 2023-2024.

[https://www3.weforum.org/docs/WEF\\_The\\_Global\\_Risks\\_Report\\_2024.pdf](https://www3.weforum.org/docs/WEF_The_Global_Risks_Report_2024.pdf)



### La contaminación, el uso excesivo y el cambio climático amenazan la resiliencia hídrica en Europa

Noticias 18/11/2024

La contaminación, la degradación del hábitat, los efectos del cambio climático y el uso excesivo de los recursos de agua dulce están ejerciendo una presión sin precedentes sobre los lagos, ríos, aguas costeras y aguas subterráneas de Europa. Según la más extensa evaluación realizada sobre la salud de las masas de agua de Europa, publicada hoy por la Agencia Europea de Medio Ambiente (AEMA), Europa no está en el buen camino para cumplir sus objetivos de mejora de la salud de las aguas con arreglo a las normas de la UE. Se requiere una mejor gestión del agua para reforzar la resiliencia hídrica, aliviar las presiones sobre el agua y garantizar que la ciudadanía, la naturaleza y la industria de Europa dispongan de agua suficiente y de buena calidad.

## Managing the growth of offshore wind energy and marine ecosystem protection in Europe

15 Nov 2024

Increased use of wind turbines in coastal zones to provide Europe with renewable energy is a crucial element in decarbonizing Europe's economy and in meeting its climate and energy targets. The placement of these turbines should also carefully consider potential impacts on marine ecosystems, according to a [European Environment Agency \(EEA\) briefing published today](#)



## Transport in Europe: Some signs of progress but difficult journey ahead to sustainability

10 Oct 2024

The EU is making progress towards climate neutrality but reductions in greenhouse gas emissions from transport are relatively stagnant. According to a report by the European Environment Agency (EEA), published today, the transport sector's transition towards sustainability is made difficult by the increasing transport demand and sluggish growth in sustainable transport modes for moving both people and...



## Biodiversity-friendly farming practices can help build sustainable, resilient agriculture

22 Oct 2024

Scaling up biodiversity-friendly farming practices can help to build sustainability and resilience in the farming sector, according to a [European Environment Agency \(EEA\) briefing published today](#).



## Renovations, sustainable building materials can boost Europe's green transition

30 Sept 2024

Construction, use and demolition of buildings causes major environment and climate pressures but smart renovations that focus on efficient use of energy and resources can help Europe increase the sustainability of its housing sector, according to a [European Environment Agency \(EEA\) report published today](#).



## Most textile waste goes unsorted in Europe

21 May 2024

Starting next year, EU Member States must put separate collection systems in place for textiles. The [European Environment Agency's briefing, published today](#), shows that most textile waste in Europe currently ends up in mixed waste and that sorting and recycling capacity need to be urgently scaled up to ensure better and more circular use of used textiles.



## La calidad del aire en Europa sigue mejorando, pero los niveles de contaminación siguen siendo peligrosos en muchas zonas

Noticias 30/07/2024

La calidad del aire ha mejorado considerablemente en Europa en las últimas décadas, pero la contaminación atmosférica sigue siendo el mayor peligro medioambiental para la salud en Europa y en el mundo. Según el análisis de la Agencia Europea de Medio Ambiente (AEMA) sobre los datos de calidad del aire para 2022 y 2023, publicado hoy, la calidad del aire en Europa sigue mejorando, pero, en muchos ámbitos, especialmente en las ciudades, la contaminación se mantiene por encima de los niveles de seguridad recomendados.

# Un poco de contexto....

<https://www.eea.europa.eu/en/newsroom/news>

<https://www.eea.europa.eu/es>

# 4 major interrelated ecological crises

We are encountering four major interrelated ecological crises...



**Climate**



**Biodiversity**

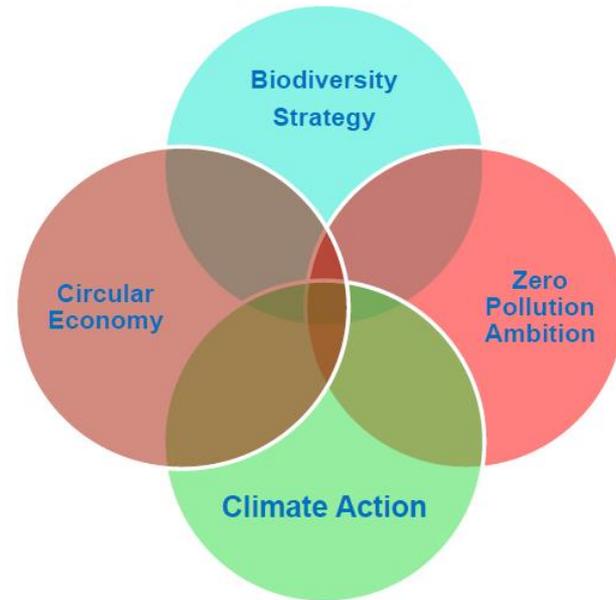


**Resources**



**Pollution**

and the EU is responding through inter-related solutions!



Jesús Alquézar Sabadie (DG ENV)  
SOST-CDTI – 06/03/2023

# Presupuesto de la UE (2021-2027)

## Single Market, Innovation and Digital

149.5 (+ 11.5 from NGEU)

## Cohesion, Resilience and Values

426.7 (+ 776.5 from NGEU)

## Natural Resources and Environment

401 (+ 18.9 from NGEU)

## Migration and Border Management

25.7

## Security and Defence

14.9

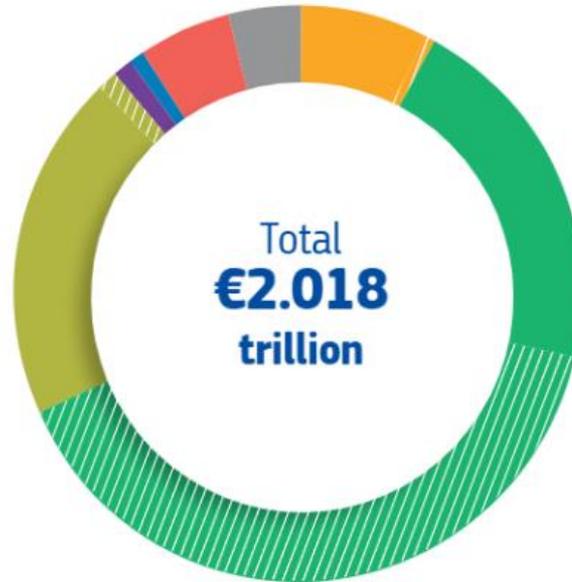
## Neighbourhood and the World

110.6

## European Public Administration

82.5

**Total: €2.018 trillion**



- **[50%]**
  - I&I (via HE)
  - Clima y Transición Digital
  - Recuperación y resiliencia
- **[30%] Cambio Climático**
- **[10%] Biodiversidad (2026-2027)**



# CONAMA

## 9 ejes estratégicos

# Horizonte Europa – Investigación e Innovación para Avanzar

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# Programas Marco de Investigación e Innovación de la UE



# 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



Credit: <https://www.un.org/sustainabledevelopment/sustainable-development-goals/>

## WP 2023-2024 General Introduction

Taking into account all work programmes and planning documents for Horizon Europe 2023-2024<sup>B</sup> it is estimated that overall 35.6% of funds will contribute to climate action; and 8.5% to biodiversity related policy objectives.

# 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...)

EU EnvironmentAgency reposted

EUScience&Innovation  @EUScienceInnov

Discover our new study on the Research and Innovation agenda for **#ClimateNeutrality** by 2050!

It aims to provide policy recommendations on the design, principles & solution landscapes needed for a long-term R&I agenda to accelerate the transition.



Check out our study on Research and Innovation for climate neutrality

From europa.eu

12:18 PM · Mar 6, 2024 · 2,355 Views

Tweet

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.

[europa.eu/I6fbVwx](https://europa.eu/I6fbVwx)



Tweet

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  

[europa.eu/InQpBKc](https://europa.eu/InQpBKc)

**#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**




EUROPE'S CHOICE  
 POLITICAL GUIDELINES  
 FOR THE NEXT EUROPEAN COMMISSION  
 2024-2029  
 Ursula von der Leyen  
 Candidate for the European Commission President

MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES



# De prioridades políticas a acciones concretas

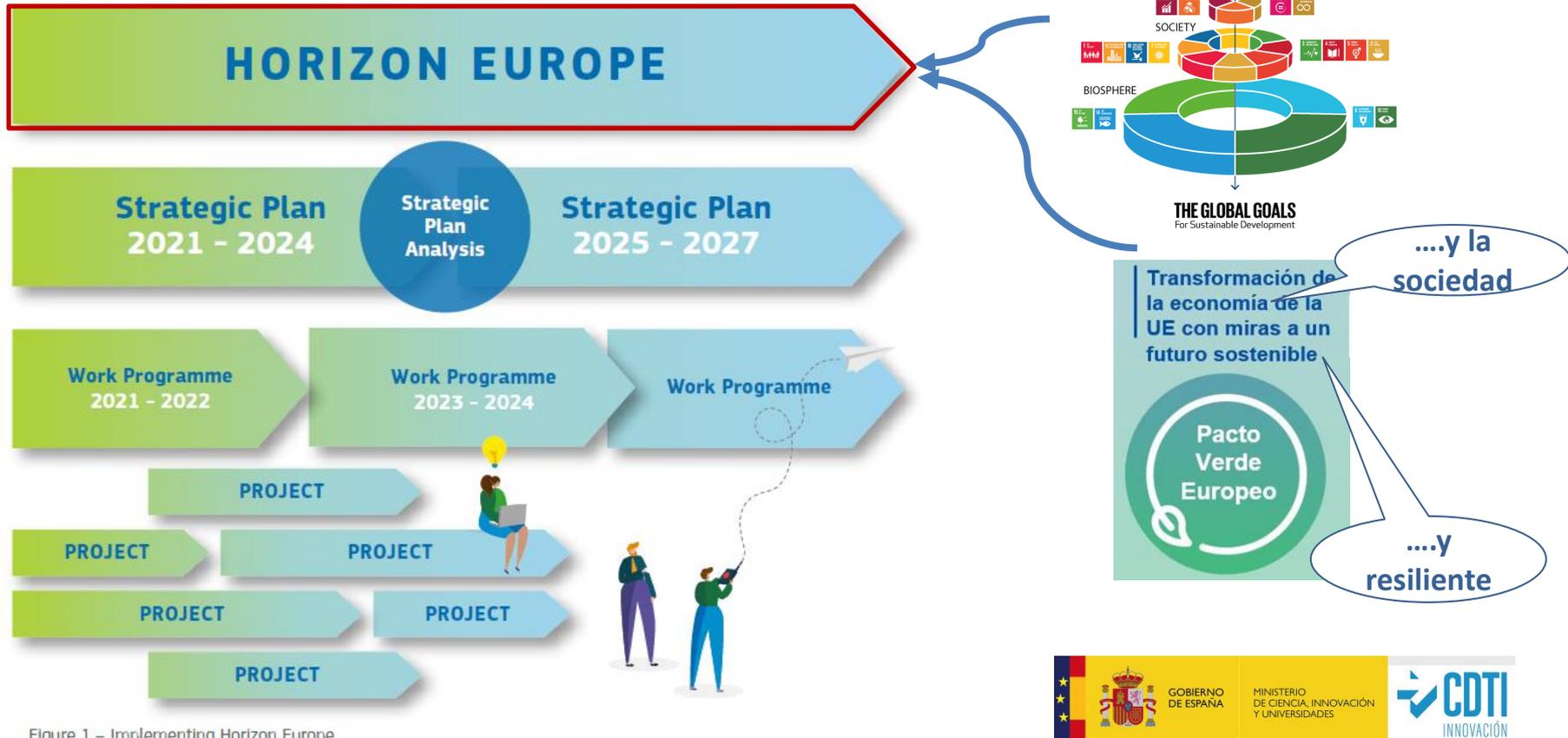


Figure 1 – Implementing Horizon Europe

# HE: Algunos detalles....

Presupuesto  
≈ 95.500 M€

Foco en los Retos  
Globales y en el  
Impacto

Prioridades, Políticas,  
Compromisos de la UE

Diferentes tipos de  
proyectos (RIAs, IAs,  
CSAs, PCPs,...)

Programas de Trabajo/  
**Partenariados /  
Misiones**

Financiación para todo tipo  
de entidades (OPs, Univs.,  
Empresas, Admin....)



“Topics” definidos  
 (“top-down”)\*

> 100% for non-profit entities  
> 100%-70% for for-profit entities  
(depending on Type of Action)

Cooperación  
Internacional

Proyectos en Colaboración\*  
(min. 3 entidades independientes  
de 3 MSs / Acs)

# 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		
		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		

<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

# “Topics” definidos (“top-down”)

Horizon Europe - Work Programme 2023-2024

Food, Bioeconomy, Natural Resources, Agriculture and Environment

HORIZON-CL6-2024-FARM2FORK-02-2-two-stage: Sustainable organic food innovation labs: reinforcing the entire value chain ..... 330

HORIZON-CL6-2024-FARM2FORK-02-3-two-stage: Tools to increase the capacity of EU import controls for plant health ..... 333

HORIZON-CL6-2024-FARM2FORK-02-4-two-stage: Tackling the impact of climate change on the nutritional value of feed under different production management systems ..... 335

HORIZON-CL6-2024-FARM2FORK-02-5-two-stage: Enabling sustainable fisheries and aquaculture ..... 337

HORIZON-CL6-2024-FARM2FORK-02-6-two-stage: Minimising the impact of climate change on fisheries: mitigation and adaptation solutions for future climate risk ..... 339

HORIZON-CL6-2024-FARM2FORK-02-7-two-stage: Minimising the impact of climate change on aquaculture: mitigation and adaptation solutions for future climate risk ..... 348

**Call - Fair, healthy and environmentally-friendly food systems from production to consumption** ..... 348

Conditions for the Call ..... 348

HORIZON-CL6-2024-FARM2FORK-03-1: Spotlight on plant priority pests (Spodoptera frugiperda) ..... 350

**Destination - Circular economy and bioeconomy sectors** ..... 350

**Call - Circular economy and bioeconomy sectors** ..... 350

Conditions for the Call ..... 350

Enabling a circular economy transition ..... 352

HORIZON-CL6-2023-CircBio-01-1: Enhancing collaboration between Circular Cities Regions Initiative's (CCRI) supporting organisations ..... 354

HORIZON-CL6-2023-CircBio-01-2: One hundred circular model households: making European households sustainable through inclusive circular practices ..... 357

HORIZON-CL6-2023-CircBio-01-3: Harnessing the innovation potential and market uptake of successful circular economy water related projects ..... 254

Innovating for sustainable bio-based systems, biotechnology and the bioeconomy ..... 257

HORIZON-CL6-2023-CircBio-01-4: Land-based bioprospecting and production of bioactive compounds and functional materials for multiple bio-based value chains ..... 257

HORIZON-CL5-2024-D4-02-01: Industrialisation of sustainable and circular deep renovation workflows (Built4People Partnership) ..... 330

HORIZON-CL5-2024-D4-02-02: Robotics and other automated solutions for construction renovation and maintenance in a sustainable built environment (Built4People Partnership) ..... 333

HORIZON-CL5-2024-D4-02-03: BIM-based processes and digital twins for facilitating renovation and optimising circular energy renovation (Built4People Partnership) ..... 335

HORIZON-CL5-2024-D4-02-04: Design for adaptability: re-use and deconstruction of buildings, in line with the principles of circular economy (Built4People Partnership) ..... 337

HORIZON-CL5-2024-D4-02-05: Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership) ..... 339

**Destination - Clean and competitive solutions for all transport modes** ..... 343

**Call - Clean and competitive solutions for all transport modes** ..... 348

Conditions for the Call ..... 348

Zero-emission road transport ..... 350

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Horizon Europe - Work Programme 2023-2024  
Climate, Energy and Mobility

HORIZON-CL5-2023-D5-01-01: User-centric design and operation of EV for optimized energy efficiency (ZERO Partnership) ..... 350

HORIZON-CL5-2023-D5-01-02: Innovative battery management systems for next generation vehicles (ZERO & Batt4EU Partnership) ..... 352

HORIZON-CL5-2023-D5-01-03: Frugal zero-emission vehicles concepts for the urban passenger challenge (ZERO Partnership) ..... 354

HORIZON-CL5-2023-D5-01-04: Circular economy approaches for zero emission vehicles (ZERO Partnership) ..... 357

**Mission: 100 Climate-Neutral and Smart Cities by 2030** ..... 182

**Call - Research and Innovation actions to support the implementation of the Climate-neutral and Smart Cities Mission** ..... 187

Conditions for the Call ..... 187

HORIZON-MISS-2023-CIT-01-01: Co-designed smart systems and services for user-centred shared zero-emission mobility of people and freight in urban areas (2Zero, CCAM and Cities' Mission) ..... 188

HORIZON-MISS-2023-CIT-01-02: Positive clean energy district (PED) digital twins – from modelling to creating climate neutral Cities ..... 193

**Mission: Adaptation to Climate Change** ..... 13

**Call - Demonstration of climate resilience solutions in support of the implementation of the Adaptation to Climate Change Mission** ..... 16

Conditions for the Call ..... 16

HORIZON-MISS-2023-CLIMA-01-01: Testing and demonstrating transformative approaches to increase climate resilience of the agriculture and/or forestry sector ..... 18

HORIZON-MISS-2023-CLIMA-01-02: Testing and demonstrating transformative approaches to protect critical infrastructure from climate change, mainstreaming nature based solutions ..... 23

HORIZON-MISS-2023-CLIMA-01-03: Testing and demonstrating transformative approaches to increase climate resilience towards health risks caused by the effects of climate change ..... 29

**Call - Demonstration of the EU Mission Adaptation to Climate Change** ..... 34

Conditions for the Call ..... 34

HORIZON-MISS-2024-CLIMA-01-01: Bringing available and actionable solutions for climate adaptation to the knowledge of the regions and local authorities ..... 36

HORIZON-MISS-2024-CLIMA-01-02: Bringing together the national level with the regional and local levels (multi-level governance) ..... 40

HORIZON-MISS-2024-CLIMA-01-03: Develop and refine outcome indicators to measure progress on climate resilience at national, regional and local levels, including knowledge and feedback developed from the Mission ..... 45

HORIZON-MISS-2024-CLIMA-01-04: Research the complex interplay between the climate and biodiversity crises towards more systemic approaches and solutions ..... 47

HORIZON-MISS-2024-CLIMA-01-05: Improve design for transformative approaches and build local capacity for implementation of available solutions focused on climate adaptation ..... 50

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/reference-documents?programmePeriod=2021-2027&frameworkProgramme=43108390>

# Proyectos en colaboración

...enhances EU international research and Third Country participation...



...high importance to integrate social sciences and humanities....

...need of Communication, Dissemination, and Exploitation of the results...

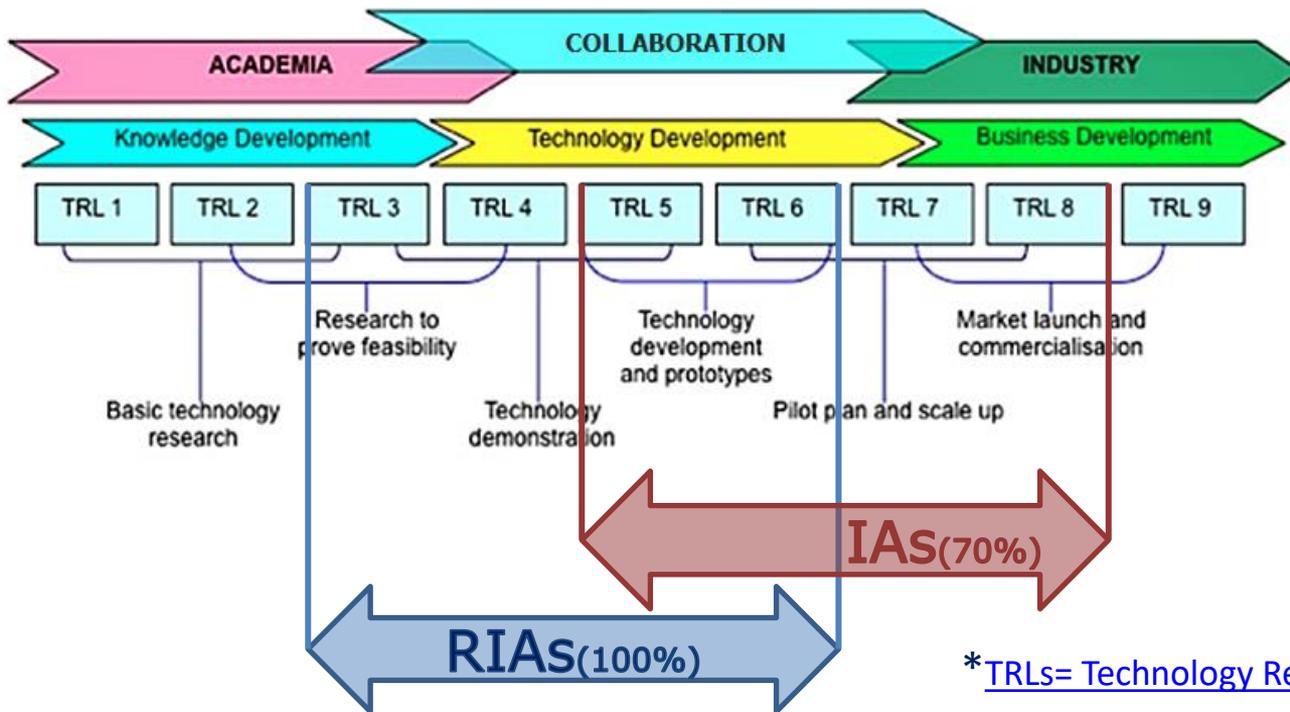
Transdisciplinarity  
Cross-disciplinarity

.....encourages to develop a gender dimension in projects...

<b>*Type of Action</b>	<b>Description</b>	<b>Eligibility Conditions</b>	<b>Funding Rate (max.)</b>
<b>RIA, Research and Innovation Action</b>	Activities that aim primarily to <b>establish new knowledge</b> or to <b>explore the feasibility of a new or improved technology, product, process, service or solution</b> . This may include basic and applied research, technology development and integration, testing, demonstration and validation of a small-scale prototype in a laboratory or simulated environment.	<b>At least 3 legal entities</b> (independent of each other), <b>from 3 different EU MS or HE AC; one of them must be from an EU MS</b>	<b>100%</b>
<b>IA, Innovation Action</b>	Activities that aim directly to <b>produce plans and arrangements or designs for new, altered or improved products, processes or services</b> . These activities may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.		<b>70%</b> (except for non-profit legal entities, where a rate of up to 100% applies)
<b>CSA, Coordination and Support Action</b>	Activities that <b>contribute to the objectives of Horizon Europe</b> . This <b>excludes research and innovation (R&amp;I) activities</b> , except those carried out under the ‘Widening participation and spreading excellence’ component of the programme (part of ‘Widening participation and strengthening the European Research Area’). Also eligible are bottom-up coordination actions which promote cooperation between legal entities from Member States and Associated Countries to strengthen the European Research Area, and which receive no EU co-funding for research activities	<b>At least 1 legal entity from 1 EU MS or HE AC;</b> (exceptionally from third countries)	<b>100%</b>
<b>PCP, PPI, IMDA, TMA.....</b>		<a href="#">*General Annexes to Work Programme 2023-2024</a>	

# Horizonte Europa cubre todos los TRLs \*

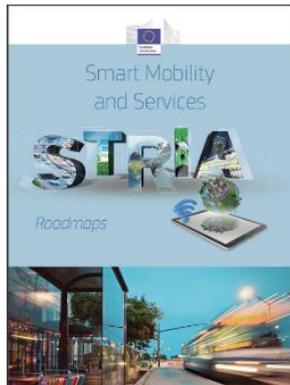
## The Innovation Chain: Converting Science into Wealth



\* TRLs= Technology Readiness Levels

# HE- Políticas, Iniciativas, Estrategias, Planes.....

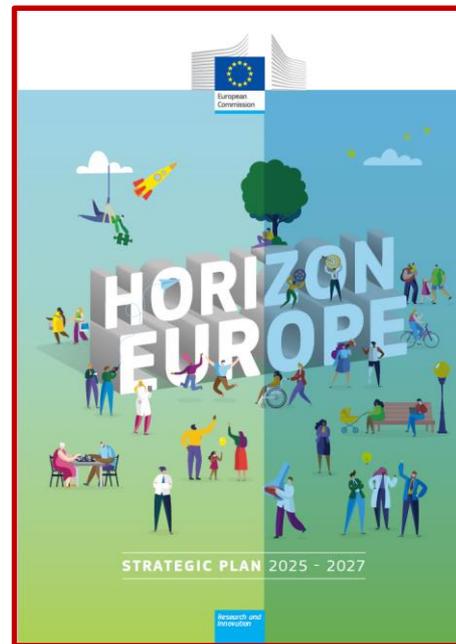
SUSTAINABLE DEVELOPMENT GOALS



# HE: de la Base Legal al Programa de Trabajo



Figure 1 – Implementing Horizon Europe



[Strategic Plan 2025-2027](#)

# Plan Estratégico 2025-2027

La inversión en I+D se orienta a abordar retos mundiales clave como el cambio climático, la contaminación, la pérdida de biodiversidad, la transición digital, el envejecimiento de la población, y la construcción de una Europa más resiliente democrática e integradora.

The strategic plan sets out  
**three key strategic orientations**  
for R&I investments for 2025-2027:



**Green transition**



**Digital transition**



**More resilient, competitive,  
inclusive & democratic Europe**

The strategic plan ...

identifies

**9** new European co-funded  
and co-programmed partnerships

provides an



**overview on the EU Missions'**  
**achievements** in their first years

introduces the



**New European Bauhaus Facility**

Horizon Europe sets ambitious expenditure targets  
during 2025-2027

**10%**  
of biodiversity

complementing the existing targets

**35%** on climate action  
and at least  
**EUR 13 billion**  
on core digital technologies



# Horizon Europe: Strategic Plan 2025-2027\*

Expected Impacts

KSOs

Green Transition		Digital Transition		A more Resilient, Competitive, Inclusive, & Democratic Europe	
CLUSTER 1	CLUSTER 2	CLUSTER 3	CLUSTER 4	CLUSTER 5	CLUSTER 6
Health	Culture, Creativity & Inclusive Society	Civil Security for Society	Digital, Industry & Space	Climate, Energy & Mobility	Food, Bioeconomy, Natural Resources, Agriculture & Environment
<ol style="list-style-type: none"> <li>1. Staying healthy in a rapidly changing society</li> <li>2. Living and working in a health-promoting environment</li> <li>3. Tackling diseases and reducing disease burden</li> <li>4. Ensuring equal access to innovative, sustainable, and high-quality healthcare</li> <li>5. Developing and using new tools, technologies and digital solutions for a healthy society</li> <li>6. Maintaining an innovative, sustainable, and competitive EU health industry</li> </ol>	<ol style="list-style-type: none"> <li>7. Reinvigorating democratic governance</li> <li>8. Realising the full potential of cultural heritage, arts, and cultural and creative sectors</li> <li>9. Strengthening social and economic resilience and sustainability</li> <li>10. Boosting inclusive growth and reducing vulnerabilities effectively</li> </ol>	<ol style="list-style-type: none"> <li>11. Reducing losses from natural, accidental and human-made disasters</li> <li>12. Facilitating legitimate movement of passengers and goods into the EU, while preventing illicit acts</li> <li>13. Tackling crime and terrorism more effectively and increasing the resilience of infrastructures</li> <li>14. Increasing cybersecurity and making the online environment more secure</li> </ol>	<ol style="list-style-type: none"> <li>15. Achieving global leadership in climate-neutral, circular and digitised industrial and digital value chains</li> <li>16. Achieving technological leadership for Europe's open strategic autonomy in raw materials, chemicals and innovative materials</li> <li>17. Developing an agile and secure single market and infrastructure for data-services and trustworthy artificial intelligence services</li> <li>18. Achieving open strategic autonomy in digital and emerging enabling technologies</li> <li>19. Achieving open strategic autonomy in global space-based infrastructures, services, applications, and data</li> <li>20. Digital and industrial technologies driving human-centric innovation</li> </ol>	<ol style="list-style-type: none"> <li>21. Advancing science for a fair transition to a climate-neutral and resilient society</li> <li>22. Facilitating the clean and sustainable transition of the energy and transport sectors towards climate neutrality through cross-cutting solutions</li> <li>23. Ensuring more efficient, sustainable, secure, and competitive renewable and decarbonised energy supply</li> <li>24. Using energy in buildings and industry in an efficient, affordable and sustainable way</li> <li>25. Achieving sustainable, inclusive, and competitive transport modes</li> <li>26. Developing multimodal systems and services for climate-neutral, smart, inclusive, and safe mobility</li> </ol>	<ol style="list-style-type: none"> <li>27. Fostering mitigation of and adaptation to climate change in areas and sectors covered by Cluster 6</li> <li>28. Putting biodiversity on a path to recovery, and protecting and restoring ecosystems and their services</li> <li>29. Achieving healthy soils and forests, as well as clean air, fresh and marine water, whilst ensuring water resilience and the transition to a clean, competitive and sustainable bioeconomy</li> <li>30. Ensuring healthy food and nutrition security by making agriculture, fisheries, aquaculture and food systems sustainable, resilient, inclusive and within planetary boundaries</li> <li>31. Sustainably developing rural, urban and coastal areas</li> <li>32. Developing innovative governance models and tools enabling sustainability and resilience</li> </ol>

# The portfolio of European Partnerships

## PILLAR II - Global challenges & European industrial competitiveness

## PILLAR III - Innovative Europe

CLUSTER 1: Health	CLUSTER 2: Culture, Creativity, Inclusive Societies	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility	CLUSTER 6: Food, Bio-economy, Agriculture, Env...	EUROPEAN INNOVATION ECOSYSTEMS
Innovative Health Initiative	Resilient Cultural Heritage	Chips (formerly KDT)	Clean Hydrogen	Circular Bio-based Europe	Innovative SMEs
Global Health Partnership	Social Transformations and Resilience	Smart Networks & Services	Clean Aviation	R&I in the Mediterranean Area (PRIMA, Art. 185)**	
Transformation of health systems		High Performance Computing	Single European Sky ATM Research 3	Biodiversa+	EIT
Chemicals risk assessment		European Metrology (Art. 185)	Europe's Rail	Climate Neutral, Sustainable & Productive Blue Economy	InnoEnergy
ERA for Health		AI-Data-Robotics	Connected and Automated Mobility (CCAM)	Water4All	Climate
Rare diseases*		Photonics	Batt4EU	Animal Health & Welfare	Digital
One-Health Anti Microbial Resistance*		Made in Europe	Zero-emission waterborne transport	Accelerating Farming Systems Transitions	Food
Personalised Medicine		Clean steel – low-carbon steelmaking	Zero-emission road transport	Agriculture of Data*	Health
Pandemic Preparedness*		Processes4Planet	Built4People	Safe & Sustainable Food System	Raw Materials
Brain Health		Global competitive space systems*	Solar Photovoltaics	Forests and Forestry for a sustainable Future	Manufacturing
		Innovative Materials for EU (I AM for EU)	Clean Energy Transition		Urban Mobility
		Virtual Worlds	Driving Urban Transitions		Cultural and Creative Industries*
		Textiles of the Future			Water, Marine and Maritime Sectors and Ecosystem*
		Raw Materials for the Green and Digital Transition			

 Institutionalised Partnerships (Art 185/7)

 Institutionalised partnerships / EIT KICs

 Co-Programmed

 Co-Funded

 Proposed new candidate European Partnerships under the Horizon Europe strategic plan 2025-2027

\* Not yet launched

\*\* Direct continuation of a H2020 partnership

## CROSS-PILLARS I AND II

European Open Science Cloud

# 5 Misiones Europeas y Horizonte Europa



## Qué son las Misiones????

- Una **nueva forma de aportar/obtener soluciones concretas** para algunos de nuestros mayores desafíos.
- **Impacto.** Nuevas formas de gobernanza y colaboración, con compromiso ciudadano. Nuevo rol de I+D.
- **Atractivas, inspiradoras y con amplia relevancia social.**
- Con un **objetivo claro, medible y con un plazo determinado.**
- **Ambiciosas pero realistas.**
- **Interdisciplinarias, intersectoriales y multiactor.**
- **Múltiples soluciones...** también “bottom-up”.

# 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	1.596	EIT - Instituto Europeo de Innovación y Tecnología	2.965
		Clúster 4 - Digital, industria y espacio	15.349		
		Clúster 5	15.123		
		Clúster 6 - Recursos naturales, medio ambiente	8.952		
		JRC – Centro Común de Investigación	1.970		

Misiones

Partenariados

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

# Horizonte Europa – Investigación e Innovación para Avanzar

- Contexto
- Horizonte Europa – Programa
- **CONAMA y Horizonte Europa**
- Horizonte Europa – Participación española



# CONAMA

## 9 ejes estratégicos

### Calidad ambiental

CT-29 Calidad del aire hacia la contaminación cero en 2050  
CT-30 Contaminación acústica.  
CT-31 Revisión de la Directiva de emisiones Industriales.  
CT-32 Estrategia de Químicos para la Sostenibilidad, para un entorno libre de tóxicos

### Residuos

CT-33 Al encuentro de soluciones en la aplicación de la normativa de residuos  
CT-34 Residuos municipales  
CT-35 Envases y la Responsabilidad Ampliada del Productor (RAP)  
CT-36 Economía circular en el sector textil  
CT-37 Transformación digital de la cadena de valor del residuo

### Economía y Sociedad

CT-38 Transiciones Justas  
CT-39 Estrategias públicas en economía circular  
CT-40 Innovación en economía circular.  
Estrategias para conservar el valor y fomento del consumo responsable  
CT-41 Ecodiseño  
CT-42 Estándares y marcos de reporte de sostenibilidad y ASG  
CT-43 Litigio ambiental  
CT-44 Educación ambiental  
CT-45 Comunicación ambiental

### Energía, Eficiencia y Cambio Climático

CT.01 – Comercio de Derechos de Emisión  
CT.02 – Sumideros y captura y almacenamiento de CO2  
CT.03 – Adaptación al cambio climático: Evaluación de riesgos y el caso de las infraestructuras  
CT.04 – Adaptación de la costa al cambio climático  
CT.05 – Primero la eficiencia energética: novedades de la nueva Directiva  
CT.06 – Infraestructuras clave para la transición energética: Electrificación y almacenamiento  
CT.07 – Energía y economía circular

### Agua

CT-25 Políticas y planificación del agua: Agua y adaptación  
CT-26 Retos y barreras en el desarrollo de la estrategia de restauración de ríos  
CT-27 Agua y Economía Circular: Nueva directiva de tratamiento de aguas residuales  
CT-28 Gobernanza del agua

### Biodiversidad

CT-21 Retos del nuevo reglamento de Restauración de la Naturaleza  
CT-22 Desarrollo autonómico de la infraestructura verde  
CT-23 Mecanismos emergentes de financiación para la Naturaleza  
CT-24 Empresas y biodiversidad. Banco de Datos de la Naturaleza (BDN)

### Desarrollo rural

CT-16 Hacia un modelo de desarrollo territorial integrado: desafíos y perspectivas sobre la España rural  
CT-17 Gobernanza pública y privada para la gestión forestal frente al reto del cambio climático.  
CT-18 Bioeconomía como motor de desarrollo del medio rural  
CT-19 Transición agrícola y ganadera hacia la sostenibilidad  
CT-20 Transición energética justa en el territorio: renovables y mas

### Renovación urbana

CT-12 Ciudades saludables  
CT-13 Renaturalización de ciudades  
CT-14 Nuevos espacios urbanísticos como laboratorios de innovación  
CT-15 Modelo organizativo para una rehabilitación de edificios en España ambiciosa climáticamente

### Movilidad

CT-8 Descarbonización del transporte  
CT-9 Impulsando el transporte sostenible: incentivos y fiscalidad  
CT-10 Estrategias urbanas para garantizar el derecho a la movilidad  
CT-11 Gobernanza urbana y metropolitana

RENOVACIÓN URBANA

DESARROLLO RURAL

BIODIVERSIDAD

AGUA

CALIDAD AMBIENTAL Y SALUD

RESIDUOS

ECONOMIA Y SOCIEDAD

ENERGIA, EFICIENCIA Y CAMBIO CLIMATICO

MOVILIDAD

Compartir para avanzar

Calidad ambiental  
Clúster 1  
Clúster 4. Industria  
Clúster 5. Movilidad  
Clúster 6

Residuos  
Clúster 6 (+CBE)  
Clúster 4. Industria

Economía y Sociedad  
Clúster 6  
Clúster 4. Industria  
(+Partenariados)

Energía, Eficiencia y Cambio Climático  
Clúster 3  
Clúster 5. Energía  
Clúster 6  
Mis. Adaptación CC

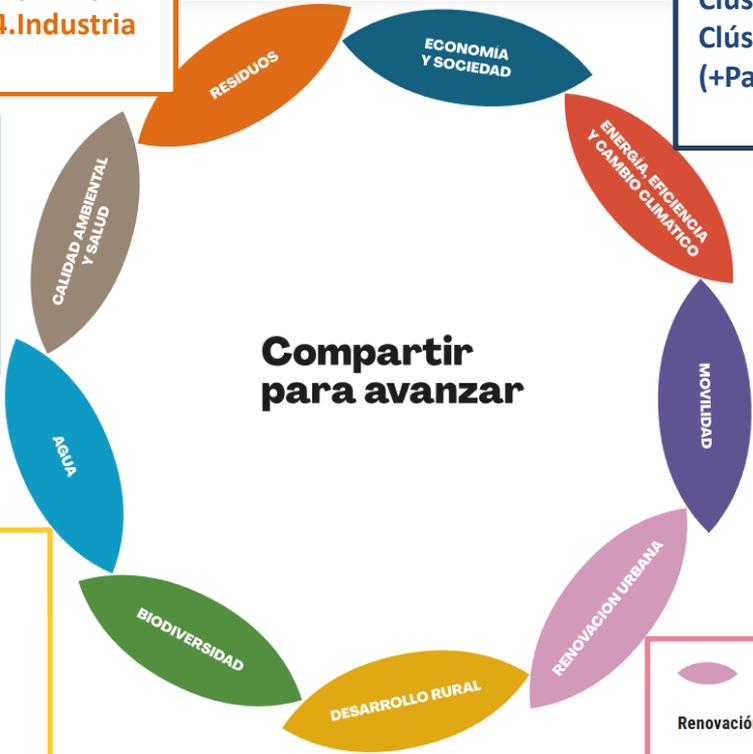
Agua  
Clúster 6  
(+Partenariados)  
Mis. Adaptación CC  
Mis. Océanos-Aguas

Biodiversidad  
Clúster 6  
(+Partenariados)

Desarrollo rural  
Clúster 6  
(+Partenariados)  
Misión Suelos

Movilidad  
Clúster 5. Movilidad  
Misión Ciudades

Renovación urbana  
Clúster 6  
Clúster 5. Energía  
Misión Ciudades



**Compartir  
para avanzar**

# HE: de la Base Legal al Programa de Trabajo



## Work Programme 2025 ????

Figure 1 – Implementing Horizon Europe

# 2024-2029: Nuevo periodo político, estrategia y prioridades



The strategic agenda of the European Council sets the EU's priorities and its strategic orientations for the institutional cycle 2024-2029. As such, it guides the work of the EU institutions.

**Jun/2024**



**EUROPE'S CHOICE  
POLITICAL  
GUIDELINES FOR THE  
NEXT EUROPEAN  
COMMISSION  
2024-2029**

Ursula von der Leyen  
Candidate for the  
European Commission  
President

**Jul/2024**



# Agenda estratégica del Consejo Europeo (2024-2029)



## Strategic Agenda 2024-2029

### A free and democratic Europe

Upholding European values within the Union

Living up to our values at global level

### A strong and secure Europe

Ensuring coherent and influential external action

Strengthening our security and defence and protecting our citizens

Preparing for a bigger and stronger Union

Pursuing a comprehensive approach to migration and border management

### A prosperous and competitive Europe

Bolstering our competitiveness

Making a success of the green and digital transitions

Promoting an innovation- and business-friendly environment

Advancing together



December 2024

# Nueva Comisión Europea (2024-2029)

**Teresa Ribera Rodríguez**  
Executive Vice-President  
Clean, Just and Competitive Transition



**Maroš Šefčovič**  
Commissioner  
Trade and Economic Security  
Institutional Relations and Transparency



**Valdis Dombrovskis**  
Commissioner  
Economy and Productivity  
Implementation and Simplification



**Dubravka Šuica**  
Commissioner  
Mediterranean



**Henna Virkkunen**  
Executive Vice-President  
Tech Sovereignty, Security and Democracy



**Ursula von der Leyen**  
President



**Olivér Várhelyi**  
Commissioner  
Health and Animal Welfare



**Wopke Hoekstra**  
Commissioner  
Climate, Net Zero and Clean Growth



**Andrius Kubilius**  
Commissioner  
Defence and Space



**Marta Kos**  
Commissioner  
Enlargement



**Stéphane Séjourné**  
Executive Vice-President  
Prosperity and Industrial Strategy



**Jozef Sikela**  
Commissioner  
International Partnerships



**Costas Kadić**  
Commissioner  
Fisheries and Oceans



**Maria Luis Albuquerque**  
Commissioner  
Financial Services and the Savings and Investments Union



**Hadja Lahbib**  
Commissioner  
Preparedness and Crisis Management  
Equality



**Kaja Kallas**  
High Representative/Vice-President  
Foreign Affairs and Security Policy



**Magnus Brunner**  
Commissioner  
Internal Affairs and Migration



**Jessika Roswall**  
Commissioner  
Environment, Water Resilience and a Competitive Circular Economy



**Piotr Serafin**  
Commissioner  
Budget, Anti-Fraud and Public Administration



**Dan Jørgensen**  
Commissioner  
Energy and Housing



**Ekaterina Zaharieva**  
Commissioner  
Startups, Research and Innovation



**Michael McGrath**  
Commissioner  
Democracy, Justice and the Rule of Law



**Apostolos Tzitzikostas**  
Commissioner  
Sustainable Transport and Tourism



**Roxana Mînzatu**  
Executive Vice-President  
People, Skills and Preparedness



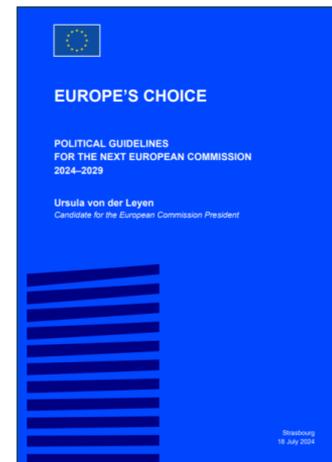
**Christophe Hansen**  
Commissioner  
Agriculture and Food



**Glenn Micallef**  
Commissioner  
Intergenerational Fairness, Youth, Culture and Sport



**Raffaele Fitto**  
Executive Vice-President  
Cohesion and Reforms



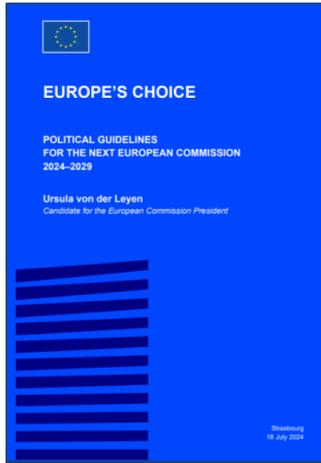
# Nueva Comisión: Guía Política 2024-2029

Clean Industry Deal

A more circular  
and resilient  
Economy

European Biotech Act  
(2025) → European  
Life Strategy

- New European Competitiveness Fund
- IPCEIs



**Europe's competitiveness – and  
its position in the race to a  
clean and digital economy –**

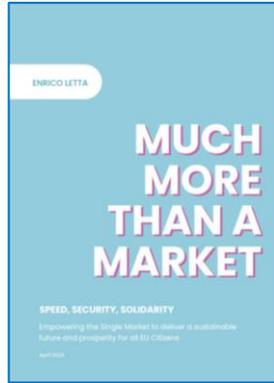
Regions will remain at  
the centre of new  
Commission's work

Vision for Agriculture and Food

European Water  
Resilience Strategy

European Climate  
Adaptation Plan

# Informes “destacables” para el futuro EU y....de HE



## Much More Than A Market Speed, Security, Solidarity

Empowering the Single Market to deliver a sustainable future and prosperity for all EU Citizens

**Enrico Letta**

April 2024



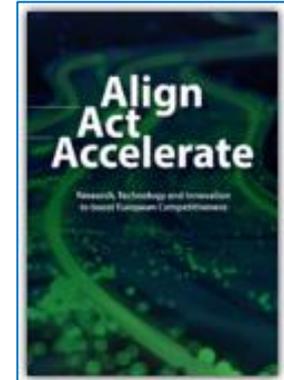
## The future of European competitiveness

Part A | A competitiveness  
strategy for Europe

Part B | In-depth analysis and  
recommendations

**Mario Draghi**

September 2024



## Align, act, accelerate

Research, technology and  
innovation to boost European  
competitiveness

**Independent expert report**

October 2024

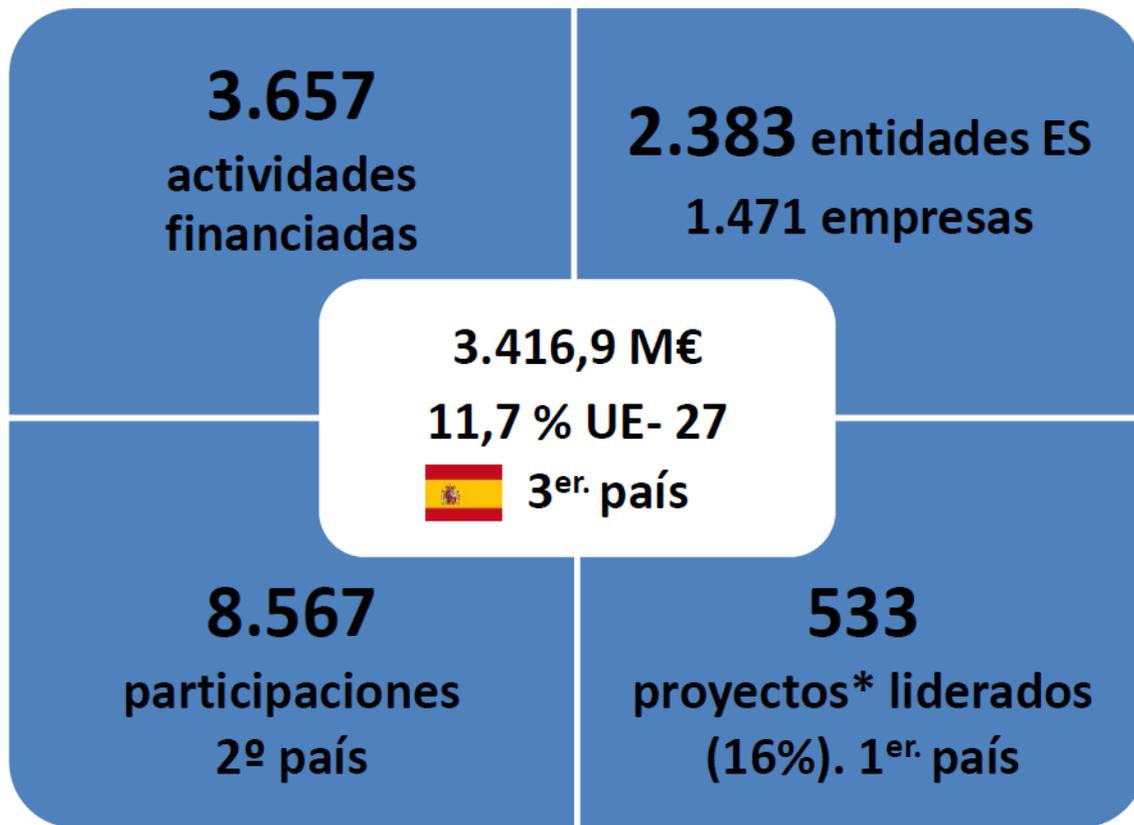
# HE – Programa de Trabajo 2025 (calendario tentativo)



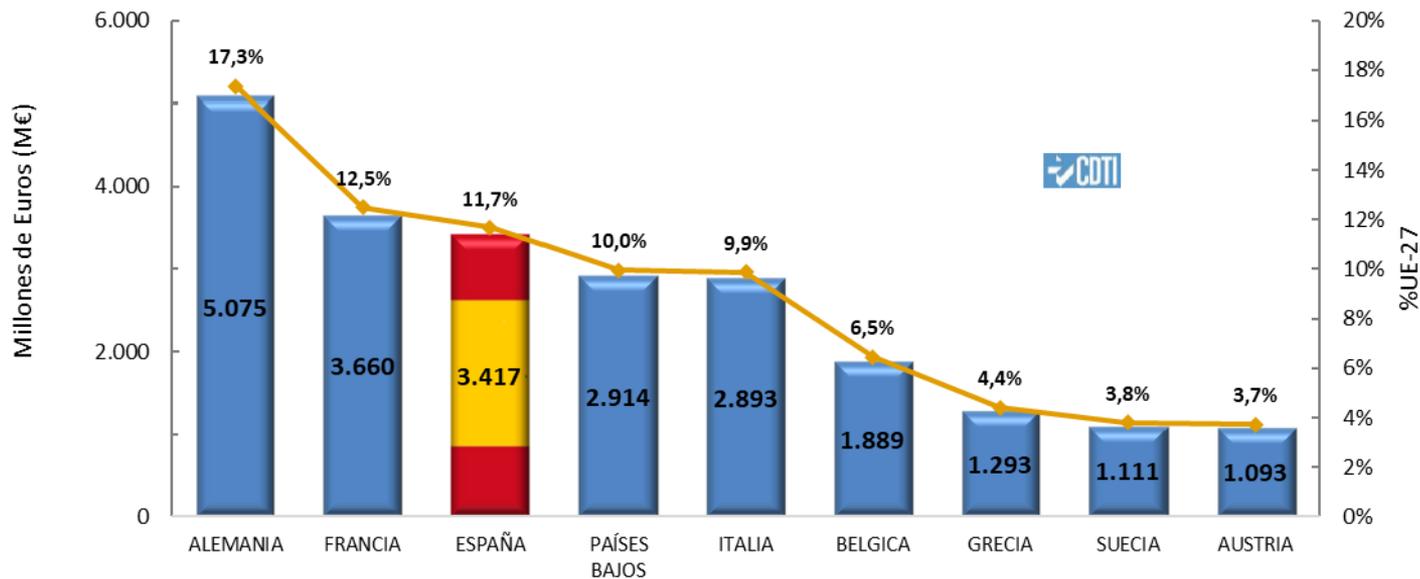
# Horizonte Europa – Investigación e Innovación para Avanzar

- Contexto
- Horizonte Europa – Programa
- CONAMA y Horizonte Europa
- Horizonte Europa – Participación española

Resultados de la participación  
española en Horizonte Europa  
(2021-2023)

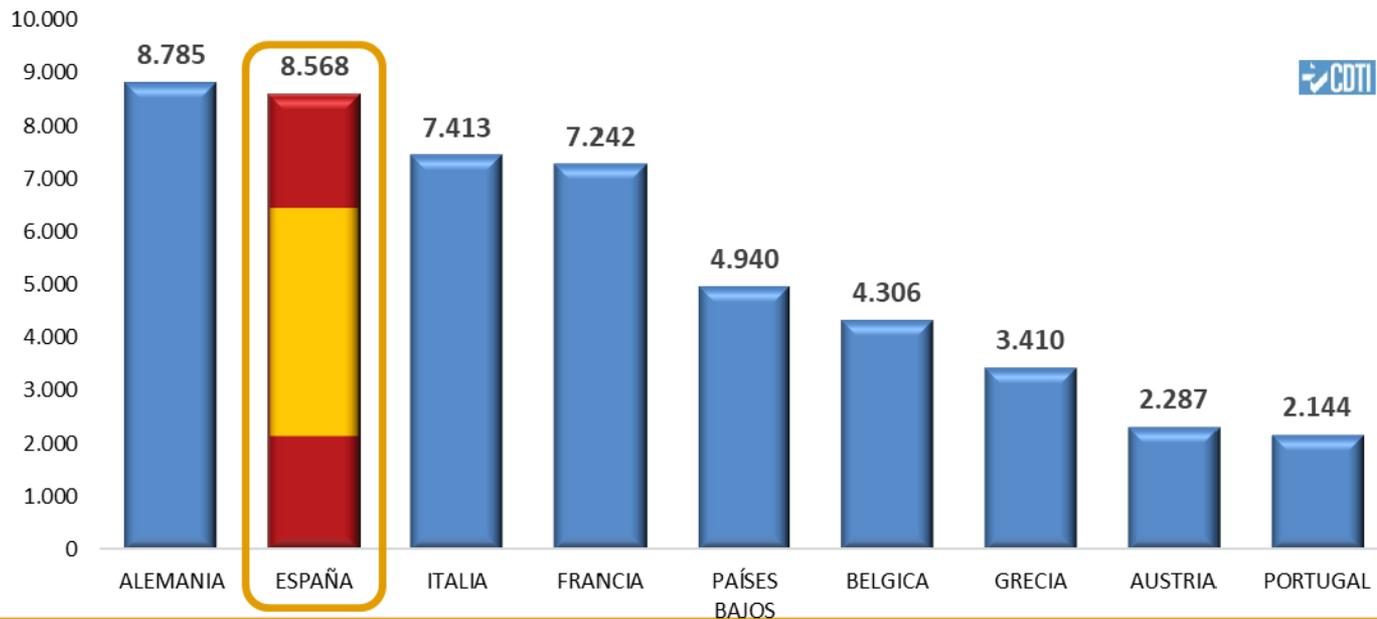


# Resultados por países en Horizonte Europa



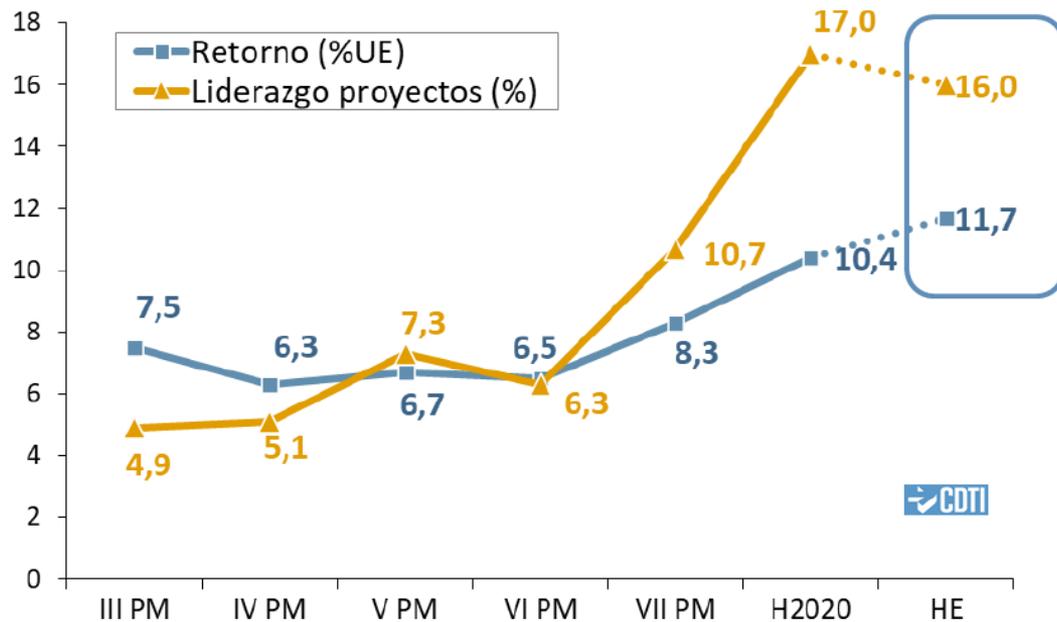
**España obtiene una tasa de retorno del 11,7% UE**

# Participación por países en Horizonte Europa



**España es el segundo país en nº de participaciones**

# Evolución del retorno y el liderazgo español en el PM



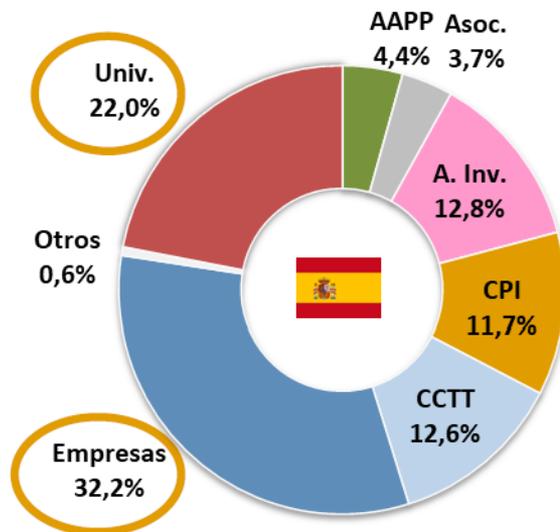
CDTI

**España primer país en proyectos\* liderados**

\*Liderazgo de proyectos: proyectos colaborativos (VII PM) /RIA e IA coordinados por España (H2020 y HE)

% UE: En H2020 UE-28 en HE UE-27

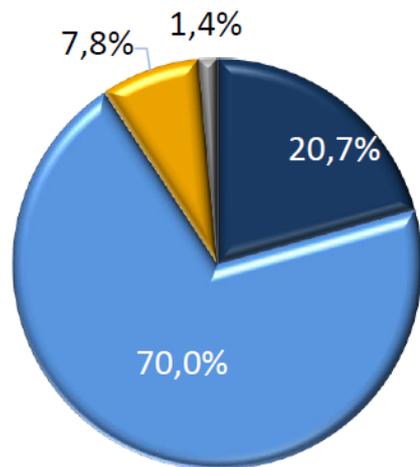
# Participación Española por tipo de entidad Horizonte Europa (2021-2023)



Tipo de Entidad	Actividades	Participaciones	Subv.
	Nº	Nº	M€
AAPP	412	528	149,1
Asoc.	487	607	127,7
A. Invest.	817	978	437,4
CPI	765	836	400,2
CCTT	659	818	429,7
Emp.	1.623	2.933	1101,4
Univ.	1.533	1.811	750,5

Las empresas encabezan el retorno, seguidas por las universidades

# Resultados de las entidades españolas por Pilares



	Subvención (M€)	%UE-27
Pilar I - Ciencia Excelente	707,8	9,5
Pilar II - Desafíos globales y competitividad industrial europea	2.391,7	12,8
Pilar III - Europa innovadora	267,9	11,6
Ampliar la excelencia y reforzar el ERA	49,5	6,8
<b>Total</b>	<b>3.416,9</b>	<b>11,7</b>

**El Pilar II - Desafíos Globales representa el 70% del retorno español**

# Algunos Proyectos.....

To Fair, Inclusive, Circular and Healthy cities:  
Transformation of PhosphoGypsum (PG) into commercial products through sustainable and zero-waste processes



## FIC-FIGHTERS

Coordinated by IDENER RESEARCH & DEVELOPMENT, AGRUPACION DE INTERES ECONOMICO

Nº project: 101135157

**K-CCRI, Knowledge hub to leverage existing initiatives and projects to foster the adoption of Circular economy in Cities and Regions In Europe**

Coordinated by SENIOR EUROPA SL

Nº project: 101135174



Coordinated by AIJU

Nº project: 101135505



**Boosting the uptake of innovative solutions in the context of water and circular economy**

Coordinated by BIOAZUL, SL

Nº project: 101135239

# Algunos Proyectos.....



## CisWEFE-NEX

CisWEFE-NEX: Circular Systemic Water-Energy-Food-Ecosystems (WEFE) Nexus - CCRI Demonstrator for Regions facing Severe Water Stress

**Entidad coordinadora: Bioazul S.L. (BIOAZUL)**

IA - Acción de innovación

Nº del proyecto: 101135062

## RECONSTRUCT

A Territorial Construction System for a Circular Low-Carbon Built Environment

**Entidad coordinadora: INSTITUT DE TECNOLOGIA DE LA CONSTRUCCION DE CATALUNYA (ITeC)**

IA - Acción de innovación

Nº del proyecto: 101082265



## SYMBIOREM

Symbiotic, circular bioremediation systems and biotechnology solutions for improved environmental, economic and social sustainability in pollution control

**Entidad coordinadora: UNIVERSIDAD DEL PAIS VASCO/ EUSKAL HERRIKO UNIBERTSITATEA**

RIA - Acción de investigación e innovación

Nº del proyecto: 101060361

## VERNE, The one-stop-shop of accessible circular solutions for sustainable tourism

Coordinated by  
PNO INNOVATION SL

Nº project: 101181941

## Cir4Fun, Advancing European Industrial Sustainability and Competitiveness through Circular Design Strategies, Digital Product Passports, and Sustainable Product-Service Systems in the Furniture Sector

Coordinated by AIDIMME

Nº project: 101182081

# Algunos Proyectos.....



## RHINOCEROS

Batteries reuse and direct production of high performances cathodic and anodic materials and other raw materials from batteries recycling using low cost and environmentally friendly technologies

**Entidad coordinadora:**  
**FUNDACION TECNALIA RESEARCH & INNOVATION**

RIA - Acción de investigación e innovación

Nº del proyecto: 101069685



## FUELGAE

Sustainable On-site and Innovative Technologies for Advanced Transport BioFuels from Microalgae

**Entidad coordinadora:**  
**AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS**

RIA - Acción de investigación e innovación

Nº del proyecto: 101122151



## UNCHAIN

Urban logistics and planning: Anticipating urban freight generation and demand including digitalisation of urban freight

**Entidad coordinadora: ETRA INVESTIGACIÓN Y DESARROLLO, S.A.**

IA - Acción de innovación

Nº del proyecto: 101103812



## C-SINK

Actions required to secure the large-scale deployment of the leading CDR approaches to meet EU climate targets

**Entidad coordinadora:**  
**FUNDACION ICAMCYL**

RIA - Acción de investigación e innovación

Nº del proyecto: 101080377



## AIRE

Advanced study of the atmospheric flow Integrating REal climate conditions to enhance wind farm and wind turbine power production and increase components durability

**Entidad coordinadora:**  
**Fundación CENER**

RIA - Acción de investigación e innovación

Nº del proyecto: 101083716



## REWIND

Efficient decommissioning, repurposing and recycling to increase the circularity of end-of-life wind energy systems.

**Entidad coordinadora:**  
**AIMPLAS - ASOCIACION DE INVESTIGACION DE MATERIALES PLASTICOS Y CONEXAS**

RIA - Acción de investigación e innovación

Nº del proyecto: 101147226



## DARKWIN

Pollinator-assisted plant natural selection and breeding under climate change pressure

**Entidad coordinadora:**  
**AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS**

RIA - Acción de investigación e innovación

Nº del proyecto: 101098680

<https://cordis.europa.eu/project/id/101098680/es>

<https://darkwin.eu/>



## CARBIOW

Carbon Negative Biofuels from Organic Waste

**Entidad coordinadora:**  
**FUNDACION TECNALIA RESEARCH & INNOVATION**

RIA - Acción de investigación e innovación

Nº del proyecto: 101084443

<https://carbiow.eu/>

<https://cordis.europa.eu/project/id/101084443>



## SoLDAC

Full spectrum SOLar Direct Air Capture & conversion

**Entidad coordinadora: COMET GLOBAL INNOVATION, SL (COMET)**

RIA - Acción de investigación e innovación

Nº del proyecto: 101069359

<https://soldac-project.eu/es/>  
<https://cordis.europa.eu/project/id/101069359/results>



## GUARDIANS

Smart solutions to empower small- and medium-sized farms as guardians of the territory

**Entidad coordinadora: CTIC Centro Tecnológico**

IA - Acción de innovación

Nº del proyecto: 101084468

<https://guardians-project.eu/>

# Algunos Proyectos.....



## CALIMERO

Industry CAse studies anaLysis  
to IMprove EnviRONmental  
performance and  
sustainability of bio-based  
industrial processes

**Entidad coordinadora:**  
**CONTACTICA SL**

RIA - Acción de investigación e  
innovación

Nº del proyecto: 101060546

<https://calimeroproject.eu/>



Governance and business models for  
living labs:  
Rural regeneration hubs for tackling soil  
health challenges in the Mediterranean  
region.

Entidad coordinadora: SOLUCIONES  
AGRICOLAS ECOINNOVADORAS

RIA – Acción de investigación e  
Innovación

Nº del proyecto: 101157865

<https://gov4all.eu/>



Reducing climate based health risks in  
blue environments: Adapting to the  
climate change impacts on coastal  
pathogens

Entidad coordinadora: BASQUE  
CENTRE FOR CLIMATE CHANGE

RIA – Acción de investigación e  
Innovación

Nº del proyecto: 101057764

<https://blueadapt.eu/about/>



GreenInCities for urban regeneration:  
participatory and sustainable greening  
solutions for all

Entidad coordinadora: INSTITUTE FOR  
ADVANCED ARCHITECTURE OF  
CATALONIA

IA – Acción de Innovación

Nº del proyecto: 101139730

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

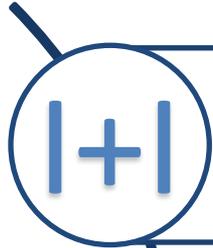
# Algunos Proyectos.....

# Horizonte Europa – Investigación e Innovación para Avanzar

- Contexto
- Horizonte Europa – Programa
- CONAMA y Horizonte Europa
- Horizonte Europa – Participación española

Detalles finales...

# Algunos mensajes clave



Investigación e Innovación, claves para Avanzar de manera Sostenible, Resiliente y Justa



Horizonte Europa: oportunidades para I+D tecnológica y no tecnológica



CDTI: Cerca De TI

# Portal español de Horizonte Europa

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

The screenshot shows the homepage of the Spanish Horizon Europe portal. At the top, there is a navigation bar with the 'EUROPA' logo and various menu items. Below this is a large banner with the 'HORIZON EUROPE' logo and an illustration of people working together. The main content area features four large blue buttons: '¿Qué es Horizonte Europa?', 'Guía del participante', 'Plan de Incentivación para la participación española', and 'Programa de Trabajo 2023-2024'. Below these buttons is a section for the '12ª Conferencia Del Programa Marco De Investigación E Innovación De La Unión Europea En España', including a calendar for October 2024. At the bottom, there are four white boxes with icons and text: 'PUNTOS NACIONALES DE CONTACTO', 'CÓMO PARTICIPAR', 'RECIBE NUESTRO BOLETÍN', and 'DOCUMENTOS DE INTERÉS'. A blue arrow points from the 'PUNTOS NACIONALES DE CONTACTO' icon in the bottom left to a larger version of the same icon and text in a separate box on the right.

**PUNTOS NACIONALES DE CONTACTO**

**SUSCRIPCIÓN A LISTAS DE DISTRIBUCIÓN**

Información sobre los **programas, ayudas y noticias relacionados** con el CDTI.

**PROGRAMA MARCO - HORIZONTE EUROPA**

Listas relacionadas con el Programa Marco de I+D de la UE, Horizonte Europa, y las temáticas gestionadas por CDTI

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



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



@HorizonteEuropa - @CDTI-innovacion

#CONAMA2024



Espacio  
**CONAMA**  
**INNOVA**

**¡GRACIAS!**