



# Horizonte Europa Clúster 5 Energía

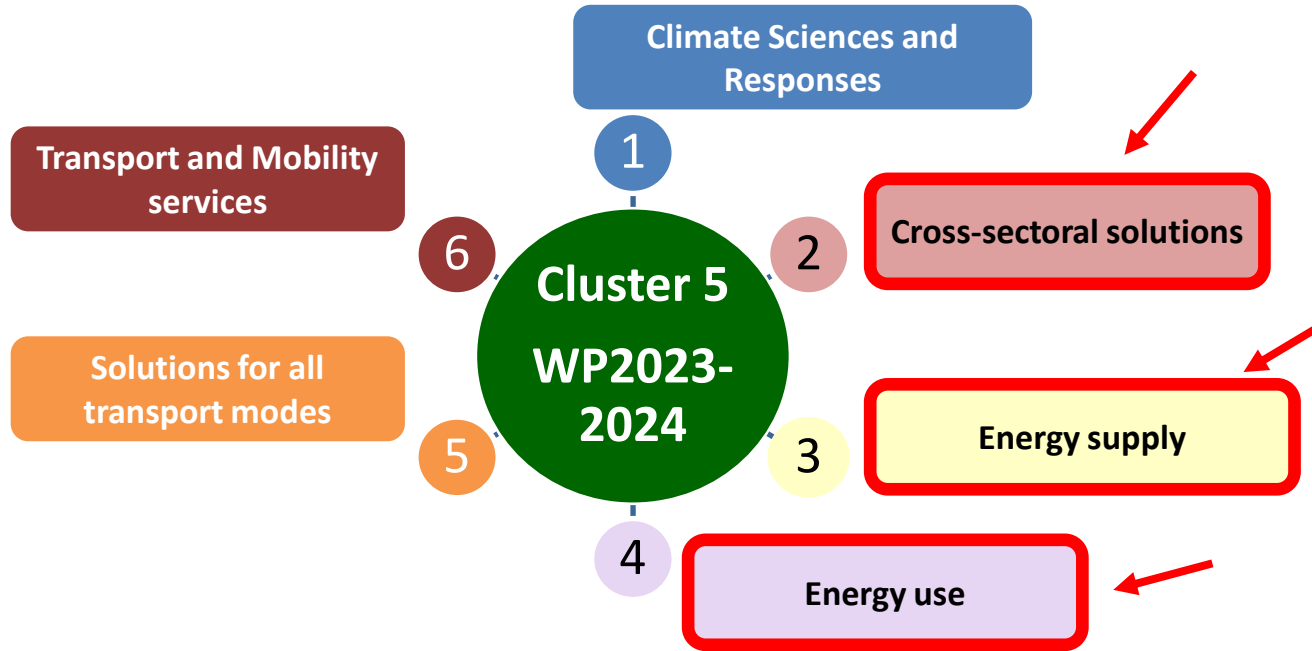
Calls 2024

# Horizon Europe (2021-2027)

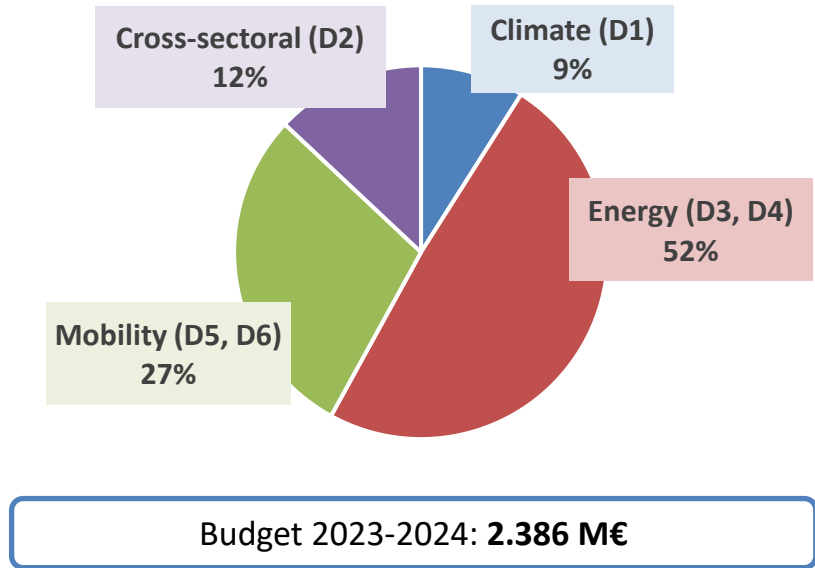
# Estructura



# Cluster 5 – Destinations



# Cluster 5 - Budget allocation 2023-2024



# Convocatorias “Energía” (2023-2024)

Destination  
2

- Cross-cutting • 2 topics – 14 M€
- Breakthrough technologies • 1 topic – 10 M€

Destination  
3

- Renewable energy • 44 topics – 605 M€
- Energy systems, grids and storage • 21 topics – 281 M€
- Carbon capture, utilisation and storage (CCUS) • 3 topics – 70 M€

Destination  
4

- Buildings • 17 topics – 172 M€
- Industry • 2 topics – 36 M€

En 2023-2024  
90 topics  
1.200 M€

En 2024  
37 topics  
470 M€

# Calendario de convocatorias (2023-2024)

Destination	Call	Opening	Deadline
Destination 3	HORIZON-CL5-2023-D3-01	13 Diciembre 2022	30 Marzo 2023
Destination 2	HORIZON-CL5-2023-D2-01	13 Diciembre 2022	18 Abril 2023
Destination 4	HORIZON-CL5-2023-D4-01	13 Diciembre 2022	20 Abril 2023
Destination 3	HORIZON-CL5-2023-D3-02	4 Mayo 2023	5 Septiembre 2023
Destination 4	HORIZON-CL5-2023-D4-02	4 Mayo 2023	5 Septiembre 2023
Destination 3	HORIZON-CL5-2023-D3-03	4 Mayo 2023	10 Octubre 2023
Destination 3	HORIZON-CL5-2024-D3-01	12 Septiembre 2023	16 Enero 2024
Destination 2	HORIZON-CL5-2024-D2-01	7 Diciembre 2023	18 Abril 2024
Destination 4	HORIZON-CL5-2024-D4-01	7 Diciembre 2023	18 Abril 2024
Destination 3	HORIZON-CL5-2024-D3-02	17 Septiembre 2024	21 Enero 2025
Destination 4	HORIZON-CL5-2024-D4-02	17 Septiembre 2024	21 Enero 2025

Convocatorias  
2024

# Destination 2

## Áreas

## Destination 2 – Breakthrough technologies

- **Emerging energy technologies for a climate neutral Europe:** novel bottom-up technological solutions with breakthrough potential across all parts of the energy sector value chain. Consider at least one of the following areas:
  - Energy distribution and transmission
  - Long-term energy storage
  - Novel energy generation/conversion methods



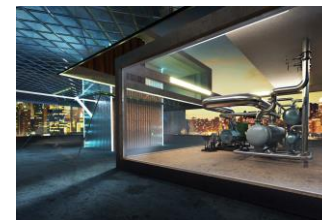


# Destination 3

## Áreas

## Destination 3 - Renewable Energy (1/3)

- **Concentrated Solar Power (CSP):** ; next generation thermal energy storage for CSP ; digital tools for CSP and solar thermal plants
- **Solar Thermal:** ; solar for industrial process power and/or heat ; industrial manufacturing for lower-cost components and systems
- **Photovoltaics:** ; PV integrated in buildings and in infrastructure ; PV-integrated electric mobility ; Community-integrated PV ; floating PV ; solar for industrial process power and/or heat ; crystalline silicon technology ; perovskite solar cells and modules ; advanced manufacturing of PV ; low-power PV ; resource-efficiency of PV in production, use and disposal
- **Heat pumps:** innovative components and configurations



## Destination 3 - Renewable Energy (2/3)

- **Bioenergy:** biomass heat and/or CHP including carbon capture ; carbon fixation technologies for biogenic flue gases
- **Renewable fuels:** next generation biofuel/synthetic renewable fuel technologies ; renewable fuels for aviation/shipping ; smart concepts of integrated biorefineries ; improvement of light harvesting and carbon fixation with synthetic biology ; intermediate renewable energy carrier technologies for transport fuels
- **Hydropower:** hydropower equipment for improving techno-economic efficiency and equipment resilience in refurbishment
- **Geothermal:** exploration technologies for geothermal resources in a wide range of geological settings ; smart use of geothermal electricity and heating and cooling in the energy system ; integration of geothermal heating and cooling in industry



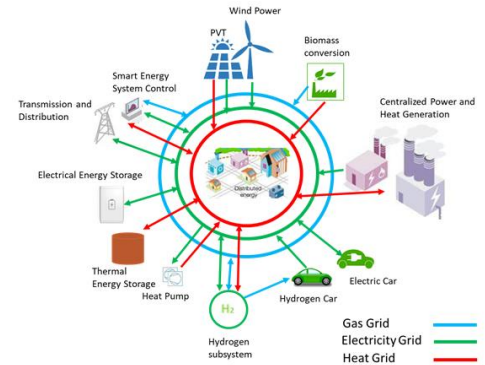
## Destination 3 - Renewable Energy (3/3)

- **Ocean Energy:** demonstration of tidal/wave energy farms  
power take-off and control systems for wave energy devices  
critical technologies for the future ocean energy farms
- **Wind energy:** critical technologies to improve lifetime, decommissioning and circularity of offshore and onshore wind energy  
digital twin for forecasting power production  
environmental/socio-economic impacts in the deployment, operation and decommissioning of offshore wind farms  
demonstrations of floating wind systems
- **Renewable energy valleys:** to increase energy independence
- **Cross-technologies:** next generation RES  
green transition and energy access in Africa  
market-uptake



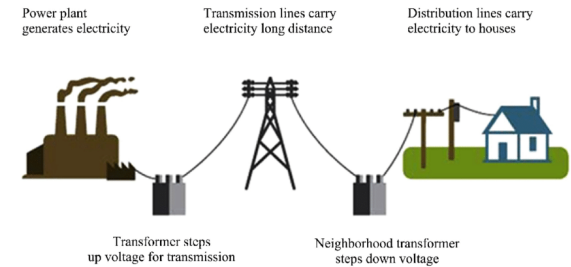
# Destination 3 - Energy Systems, Grids and Storage (1/2)

- **Energy sector integration:** integrating and combining power, heat, gas and other sectors (industry and mobility) to a cost-optimized, flexible energy system of systems with massively integrated RES
- **Energy system planning and operation:** innovative grid planning tools and operation, including digital tools based on Artificial Intelligence-based forecasting systems
- **Active consumers, Markets and Energy Communities:** optimal engagement of distributed active consumers and energy communities
- **TSO/DSO flexibility management:** Distributed Energy Resources (DER) flexibilities for transmission and distribution systems



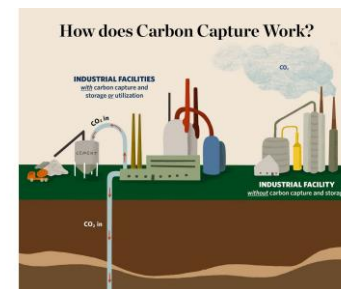
## Destination 3 - Energy Systems, Grids and Storage (2/2)

- **Electricity system reliability and resilience:** development of new methods and simulation tools that integrate the impact of additional RES, investigating new grid architectures
- **Digitalisation of the energy system, interoperability and data:** development and piloting of Artificial Intelligence-Internet of Things Edge-cloud and platform solutions
- **Transmission of energy:** converters and transmission systems and components for a resilient grid cable systems
- **Storage development and integration:** long-term electricity storage large-scale, seasonal storage pumped storage equipment and tools



## Destination 3 - Carbon Capture, Use and Storage (CCUS)

- **CO<sub>2</sub> transport and storage demo projects:** new demonstration projects connecting CO<sub>2</sub> sources with potential storage sites, connecting CCUS clusters to CO<sub>2</sub> transport and storage infrastructures
- **Carbon Capture and Use for the production of fuels:** development of energy-efficient, economically and environmentally viable CO<sub>2</sub> conversion technologies
- **Direct Air Capture Conversion and Storage (DACCS) and Bioenergy with Carbon Capture and Storage (BECCS) for CO<sub>2</sub> removal/negative emissions:** advance the technological development of DACCS and BECCs, addressing the environmental, social and economic challenges and benefits



# Destination 4

## Áreas



## Destination 4 - Buildings (1/3)

- **Zero-emissions buildings**
- Renovation of **historical buildings**
- Interoperable solutions for **positive energy districts**
- **Thermal management** of high energy demand IT systems equipment in tertiary buildings
- Decarbonization of buildings through **energy efficiency and electrification**
- Low-disruptive **renovation processes using prefabricated solutions**
- **Smart-grid ready buildings**



## Destination 4 - Buildings (2/3)

- Uses of **lifecycle data for the management of buildings**
- Improve the **resilience of vulnerable buildings and people-centric built environment** in disruptive events and changing climate
- Built-environment decarbonization pathways through **technological, social and policy innovation for renovation solutions**
- **Fast-tracking of built environment construction and renovation** with local value chains
- Supporting the **creation of an accessible and inclusive built environment**



## Destination 4 - Buildings (3/3)

- **Industrialisation of circular deep renovation workflows**
- **Robotics** and other automated solutions **for assembly, renovation and maintenance** in a sustainable built environment
- **Building Information Modelling-based processes and digital twins** for facilitating and optimizing circular energy renovation
- Design for **adaptability, re-use and deconstruction of buildings**, in line with the principles of circular economy
- Digital solutions to foster **participative design, planning and management of buildings, neighbourhoods and urban districts**



## Destination 4 - Industry

- Integration of renewable heat or industrial waste heat in heat-to-cold conversion systems **to generate cold for industrial processes**
- Alternative heating systems for efficient, flexible and electrified **heat generation in industry**



# Destination 2

## Topics

# Destination 2

## Breakthrough technologies

## Destination 2 – Breakthrough technologies

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Emerging Breakthrough Technologies and climate solutions	HORIZON-CL5-2024-D2-01-04	Emerging energy technologies for a climate neutral Europe	07/12/2023	18/04/2024	RIA	10,00	1,5-2,5	4	

# Destination 3

## Topics



# Destination 3

## Renewable Energy

## Destination 3 – Renewables (1/3)

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Wind	HORIZON-CL5-2024-D3-02-08	Minimisation of environmental, and optimisation of socio-economic impacts in the deployment, operation and decommissioning of offshore wind farms	17/09/2024	21/01/2025	RIA	10,00	5	2	Lump Sum
	HORIZON-CL5-2024-D3-02-09	Demonstrations of innovative floating wind concepts	17/09/2024	21/01/2025	IA	30,00	15	2	
Photovoltaic	HORIZON-CL5-2024-D3-01-01	Alternative equipment and processes for advanced manufacturing of PV technologies	12/09/2023	16/01/2024	IA	24,00	12	2	
	HORIZON-CL5-2024-D3-01-02	Low-power PV	12/09/2023	16/01/2024	IA	6,00	3	2	Lump Sum
	HORIZON-CL5-2024-D3-02-05	PV-integrated electric mobility applications	17/09/2024	21/01/2025	IA	14,00	7	2	
	HORIZON-CL5-2024-D3-02-06	Innovative, Community-Integrated PV systems	17/09/2024	21/01/2025	IA	10,00	5	2	
	HORIZON-CL5-2024-D3-02-07	Resource Efficiency of PV in Production, Use and Disposal	17/09/2024	21/01/2025	CSA	3,00	3	1	Lump Sum

## Destination 3 – Renewables (2/3)

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Fuels	HORIZON-CL5-2024-D3-01-03	Demonstration of improved intermediate renewable energy carrier technologies for transport fuels	12/09/2023	16/01/2024	IA	20,00	10	2	Lump Sum
	HORIZON-CL5-2024-D3-01-04	Improvement of light harvesting and carbon fixation with synthetic biology and/or bio-inspired//biomimetic pathways for renewable direct solar fuels production	12/09/2023	16/01/2024	RIA	8,00	4	2	
	HORIZON-CL5-2024-D3-02-02	Development of next generation synthetic renewable fuel technologies	17/09/2024	21/01/2025	RIA	12,00	4	3	
	HORIZON-CL5-2024-D3-02-03	Development of smart concepts of integrated energy driven bio-refineries for co-production of advanced biofuels, bio-chemicals and biomaterials	17/09/2024	21/01/2025	RIA	7,00	3.5	2	
Bioenergy	HORIZON-CL5-2024-D3-01-05	Development of carbon fixation technologies for biogenic flue gases	12/09/2023	16/01/2024	RIA	8,00	4	2	
CSP Solar Thermal	HORIZON-CL5-2024-D3-02-01	Digital tools for CSP and solar thermal plants	17/09/2024	21/01/2025	IA	6,00	3	2	Lump Sum

# Destination 3 – Renewables (3/3)

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Ocean	HORIZON-CL5-2024-D3-01-08	Demonstration of sustainable wave energy farms	12/09/2023	16/01/2024	IA	38,00	12-13	3	
	HORIZON-CL5-2024-D3-02-04	Critical technologies for the future ocean energy farms	17/09/2024	21/01/2025	RIA	8,00	4	2	
Hydropower	HORIZON-CL5-2024-D3-01-07	Development of hydropower equipment for improving techno-economic efficiency and equipment resilience in refurbishment situations	12/09/2023	16/01/2024	RIA	8,00	4	2	
Geothermal	HORIZON-CL5-2024-D3-01-06	Innovative applications/integration of geothermal heating and cooling in industry	12/09/2023	16/01/2024	RIA	9,00	3	3	
Breakthrough	HORIZON-CL5-2024-D3-01-10	Next generation of renewable energy technologies	12/09/2023	16/01/2024	RIA	27,00	3	9	
Market Uptake	HORIZON-CL5-2024-D3-02-10	Market Uptake Measures of renewable energy systems	17/09/2024	21/01/2025	CSA	8,00	2	4	Lump Sum

# Destination 3

## Energy Systems, Grids and Storage

# Destination 3 – Energy Systems, Grids and Storage

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Energy System Planning and Operation	HORIZON-CL5-2024-D3-01-11	AI Testing and Experimentation Facility (TEF) for the energy sector – bringing technology to the market	12/09/2023	16/01/2024	IA	16,00	5	3	
	HORIZON-CL5-2024-D3-01-17	Development and integration of advanced software tools in SCADA systems for High, Medium and Low voltage AC/DC hybrid systems	12/09/2023	16/01/2024	IA	12,00	6	2	
TSO/DSO Flexibility Management	HORIZON-CL5-2024-D3-01-12	Energy Management Systems for flexibility services	12/09/2023	16/01/2024	IA	10,00	5	2	
Electricity System reliability and resilience - grid architecture	HORIZON-CL5-2024-D3-01-13	DC and AC/DC hybrid transmission and distribution systems	12/09/2023	16/01/2024	RIA	13,00	6	2	
Electricity System reliability and resilience - risk preparedness	HORIZON-CL5-2024-D3-01-14	Condition & Health Monitoring in Power Electronics (PE) - Wide Band Gap PE for the energy sector	12/09/2023	16/01/2024	RIA	13,00	4	3	
Transmission of Energy	HORIZON-CL5-2024-D3-01-15	HVAC, HVDC and High-Power cable systems	12/09/2023	16/01/2024	RIA	16,00	5-6	3	Lump Sum
Storage development and integration	HORIZON-CL5-2024-D3-01-16	Demonstration of innovative pumped storage equipment and tools in combination with innovative storage management systems	12/09/2023	16/01/2024	IA	8,00	8	1	

# Destination 3

## Carbon Capture, Use and Storage

## Destination 3 – Carbon Capture, Use and Storage

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Carbon capture, Utilization and Storage	HORIZON-CL5-2024-D3-02-11	CCU for the production of fuels	17/09/2024	21/01/2025	IA	15,00	7	2	Lump Sum
	HORIZON-CL5-2024-D3-02-12	DACCS and BECCS for CO2 removal/negative emissions	17/09/2024	21/01/2025	IA	15,00	5-7	2-3	Lump Sum



# Destination 4

## Topics

# Destination 4 Buildings

# Destination 4 – Buildings

Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
HORIZON-CL5-2024-D4-01-01	Low-disruptive renovation processes using integration of prefabricated solutions for energy-efficient buildings	07/12/2023	18/04/2024	IA	10,00	3-5	3	
HORIZON-CL5-2024-D4-01-02	Smart grid-ready buildings	07/12/2023	18/04/2024	IA	10,00	3-5	3	
HORIZON-CL5-2024-D4-02-01	Industrialisation of sustainable and circular deep renovation workflows (Built4People Partnership)	17/09/2024	21/01/2025	IA	16,00	3-5,5	2	Lump Sum
HORIZON-CL5-2024-D4-02-02	Robotics and other automated solutions for assembly, renovation and maintenance in a sustainable built environment (Built4People Partnership)	17/09/2024	21/01/2025	RIA	8,00	3-4	2	
HORIZON-CL5-2024-D4-02-03	BIM-based processes and digital twins for facilitating and optimising circular energy renovation (Built4People Partnership)	17/09/2024	21/01/2025	IA	8,00	3-4	2	Lump Sum
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)	17/09/2024	21/01/2025	RIA	8,00	3-4	2	
HORIZON-CL5-2024-D4-02-05	Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership)	17/09/2024	21/01/2025	IA	10,00	3-5	3	Lump Sum

# Destination 4 Industry

## Destination 4 – Industry

Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
HORIZON-CL5-2024-D4-01-03	Alternative heating systems for efficient, flexible and electrified heat generation in industry	07/12/2023	18/04/2024	IA	16,00	5	3	Lump Sum

# Lump Sum funding

## Financiación de proyectos con Lump Sum

- Financiación por una cantidad fijada, en lugar de reembolso de costes incurridos

## One lump sum share is fixed in the grant agreement for each work package

- This amount is paid when the activities in the work package are completed; as today, **payment does not depend on a successful outcome, but on the completion of activities**

- [Model Grant Agreement Lump Sum](#)
- [Methodology to determine the amount of the Lump Sum](#)
- [Detailed Lump Sum budget table](#)
- [Standard slides for applicants](#)
- [Frequently Asked Questions at the Funding & Tenders Portal](#)

[Webinar de la Comisión – 9 febrero](#)

[Webinar de la Comisión – 11 mayo](#)

[Jornada nacional Lump Sum – 29 junio](#)

[Webinar de la Comisión – 19 octubre](#)

# Otras oportunidades

1. Partenariado institucional “Clean Hydrogen Partnership”
2. Partenariado co-fund “Driving Urban Transitions” (DUT)
3. Partnerariado co-fund “Clean Energy Transition” (CET)
4. Misión de Ciudades

# 1. Partenariado “Clean Hydrogen Partnership”

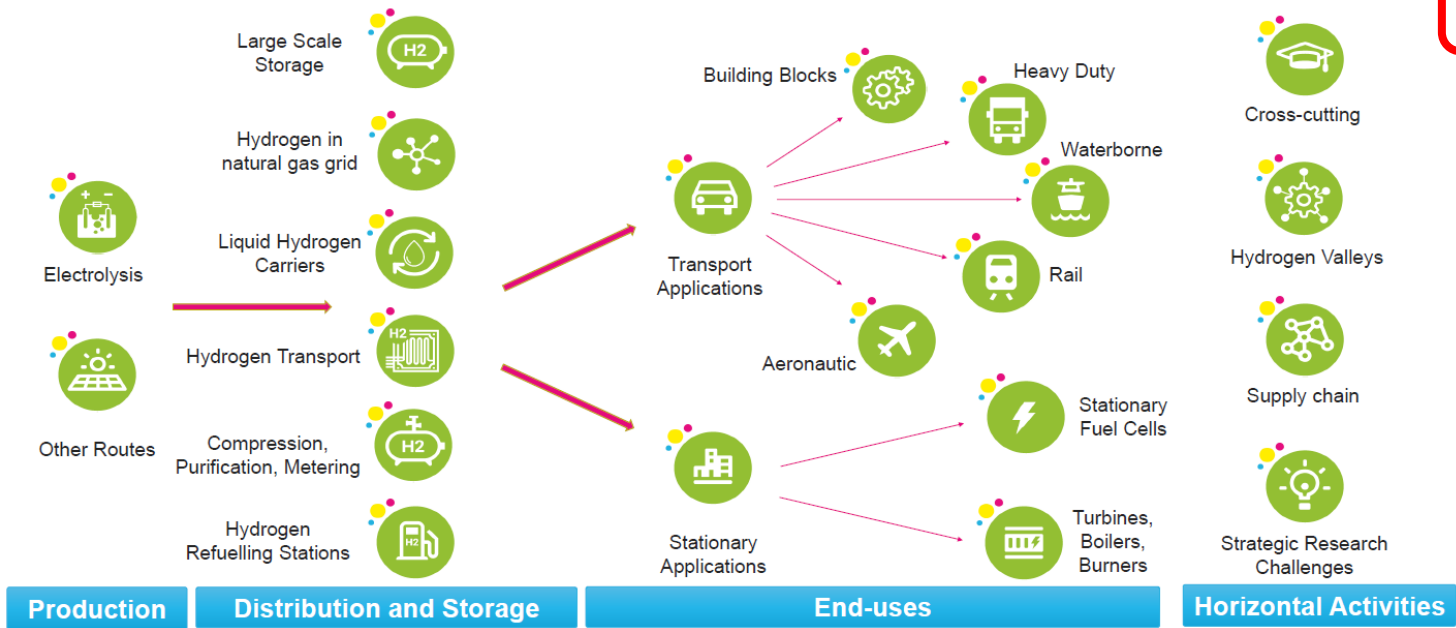


- **1.000 M€** en el período 2021-2027 + **200 M€** adicionales para valles de Hidrógeno
  - Miembros del partenariado => Comisión Europea y 2 Asociaciones:
    - “Hydrogen Europe” – Industria [hydrogeneurope.eu](http://hydrogeneurope.eu)
    - “Hydrogen Europe Research” – Grupos de Investigación [hydrogeneuroperesearch.eu](http://hydrogeneuroperesearch.eu)
- Principal ventaja:
- Participar en la elaboración de los Programas de Trabajo anuales (AWP)
- En principio **mismas condiciones de participación que en Horizon Europe**, pero las convocatorias pueden incluir criterios de elegibilidad adicionales



# Partenariado “Clean Hydrogen Partnership”

3ª convocatoria  
Enero 2024



## 2. Co-fund “Driving Urban Transitions” (DUT)

### Partnership Concept



Positive Energy Districts and Neighbourhoods transforming the urban energy system



Downsizing District Doughnuts  
an integrated approach for urban greening and circularity transitions



The 15 Minutes Cities  
rethinking the urban mobility system and space

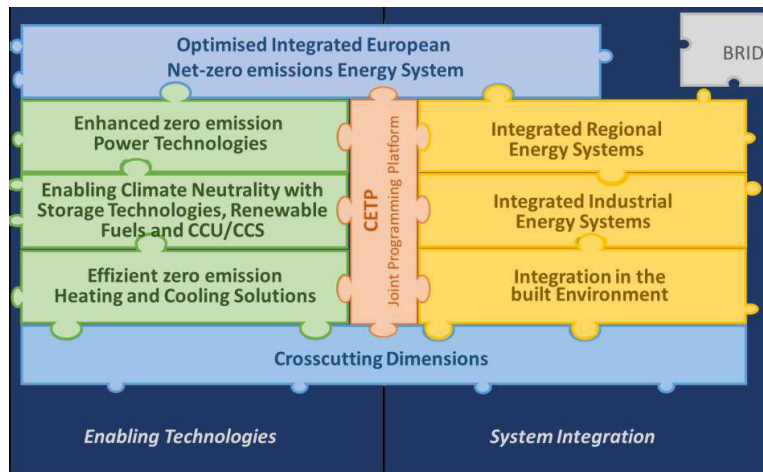
- Web de DUT <https://dutpartnership.eu/>
- Plataforma para búsqueda de socios <https://dut-calls.b2match.io/home>
- Contactos: CDTI. Milvia Soumbounou => [partenariadoshe@cdti.es](mailto:partenariadoshe@cdti.es)  
Agencia Estatal de Investigación => [urban@aei.gob.es](mailto:urban@aei.gob.es)

Stage 1 opening	1 September 2023
<a href="#">Info day #1 – info session (online)</a>	12 September 2023
<a href="#">Info day #2 – project pitches (online)</a>	10 October 2023
<b>Stage 1 closing</b>	<b>21 November 2023</b> <b>13:00 CET</b>
Stage 2 opening	March 2024
<b>Stage 2 closing</b>	<b>30 April 2024</b> <b>13:00 CET</b>

# 3. Co-fund “Clean Energy Transition” (CET)

## Challenges

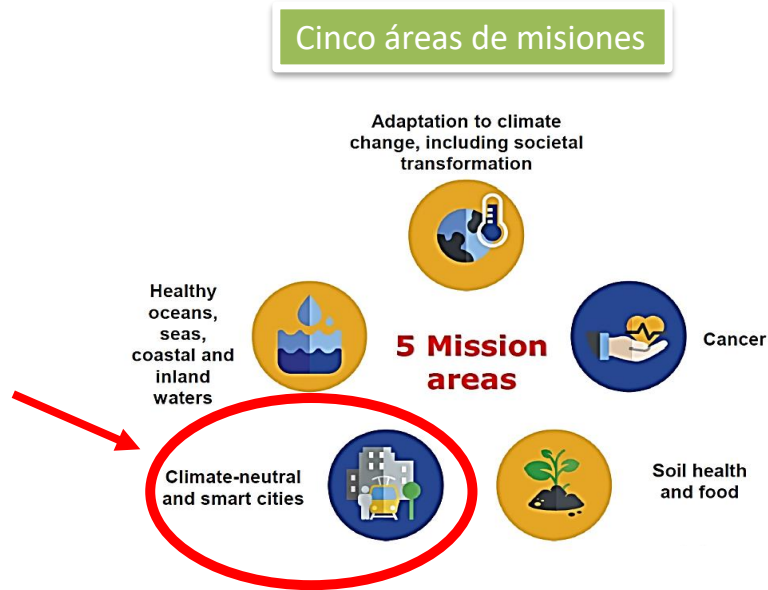
Stage 1 opening: 20 September 2023  
Stage 1 closing: **22 Nov 2023, 14:00 CET**  
Stage 2 opening: 25 January 2024  
Stage 2 closing: **27 March 2024, 14:00 CET**



- Web de CET <https://cetpartnership.eu/>
- [Jornada AEI-CDTI](#) – 19 junio 2023
- [Infoday call 2023](#) – 13 septiembre 2023
- Plataforma para búsqueda de socios: <https://cetp-call-launch-2022.b2match.io/home>
- Contactos:
  - CDTI: Marina Sopeña [partenariadoshe@cdti.es](mailto:partenariadoshe@cdti.es)
  - AEI: María Gavira [era-energia@aei.gob.es](mailto:era-energia@aei.gob.es)
  - EVE: Jon Lekube [jlekube@eve.eus](mailto:jlekube@eve.eus)
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  - SODERCAN: Ignacio Abaitua [eu@gruposodercan.es](mailto:eu@gruposodercan.es)

# 4. Misiones en Horizonte Europa

*Cartera de acciones multidisciplinares, de plazo determinado, con meta audaz e inspiradora y de éxito cuantificable, que tiene un impacto en la sociedad y la ciudadanía.*



[Cities Mission Web Page](#)

# 100 Climate-neutral cities by 2030 by and for the citizens



Topic	Opening	Deadline
<b>HORIZON-MISS-2024-CIT-01-01:</b> Rethinking <b>urban spaces</b> towards climate neutrality	01/2024 (tbc)	tbc
<b>HORIZON-MISS-2024-CIT-01-02:</b> Zero-pollution cities	01/2024 (tbc)	tbc
<b>HORIZON-MISS-2024-CIT-01-03:</b> Mobility management plans and behavioural change	01/2024 (tbc)	tbc
<b>HORIZON-MISS-2024-CIT-01-04:</b> Supporting national, regional and local authorities to prepare for the transition towards climate neutrality within cities	01/2024 (tbc)	tbc
<b>HORIZON-MISS-2024-CIT-01-05:</b> Integrated <b>peri-urban areas</b> in the transition towards climate neutrality	01/2024 (tbc)	tbc

Borrador

# Revisar el topic en el Funding Portal

The screenshot shows the European Commission's Funding & tender opportunities portal. The search results are filtered for 'HORIZON-CL5-2022-D3-03-09'. The search criteria include 'Match whole words only', 'GRANTS', and 'TENDERS'. The results are sorted by 'Submission status'.

**Search Results:**

- Alternative Fuel Infrastructure Facility - Unit Contributions**  
CEF-T-2021-AFIFCOEN-UNITS  
Programme: Connecting Europe Facility (CEF)  
Type of action: CEF AFIF-EVRI Unit Grants  
Opening date: 16 September 2021  
Status: Open for submission  
Deadline model: multiple cut-off  
Next deadline: 07 June 2022 17:00:00 Brussels time
- Alternative Fuel Infrastructure Facility - Works - LNG**  
CEF-T-2021-AFIFCOEN-WORKS-LNG  
Programme: Connecting Europe Facility (CEF)  
Type of action: CEF Infrastructure Projects  
Opening date: 16 September 2021  
Status: Open for submission  
Deadline model: multiple cut-off  
Next deadline: 07 June 2022 17:00:00 Brussels time
- Alternative Fuel Infrastructure Facility - Works - Zero Emissions**  
CEF-T-2021-AFIFCOEN-WORKS-ZE  
Programme: Connecting Europe Facility (CEF)  
Type of action: CEF Infrastructure Projects  
Status: Open for submission  
Deadline model: multiple cut-off

# Revisar el topic en el Funding Portal

The screenshot shows the European Commission's Funding & tender opportunities portal. The page title is 'Recycling end of life PV modules' with the topic ID 'HORIZON-CL5-2022-D3-03-09'. A red box highlights the 'General Information' section in the left-hand navigation menu. The main content area displays the following details:

- Programme:** Horizon Europe Framework Programme (HORIZON)
- Call:** Sustainable, secure and competitive energy supply (HORIZON-CL5-2022-D3-03)
- Type of action:** HORIZON-IA HORIZON Innovation Actions
- Type of MGA:** HORIZON Action Grant Budget-Based (HORIZON-AG)
- Deadline model:** single-stage
- Planned opening date:** 06 September 2022
- Deadline date:** 10 January 2023 17:00:00 Brussels time

Buttons for 'See budget overview' and 'Fortcoming' are visible. The left navigation menu includes: General Information, Topic description, Destination, Conditions and documents, Partner search announcements, Submission service, Topic related FAQ, and Get support.

Partner Search

Topic FAQs

# Otra forma de acceder a las FAQs

The screenshot shows the 'Funding & tender opportunities' page on the European Commission website. The navigation bar includes 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE', 'PROJECTS & RESULTS', 'WORK AS AN EXPERT', and 'SUPPORT'. The 'SUPPORT' menu is expanded, with 'FAQ' highlighted by a red circle. A red arrow points to the search bar in the FAQ section. The FAQ section is titled 'FAQ - Frequently Asked Questions (323)' and includes a search bar, filters for 'Grants' and 'Tenders', and a list of questions with answers.

European Commission Funding & tender opportunities  
Single Electronic Data Interchange Area (SEDIA)

English Register Login

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

Horizon Europe (HORIZON)

Support overview  
Guidance & Manuals  
FAQ  
Helpdesk & support Services

Please notice that there is an issue with the upload of rebuttal letter, the technical team is working to solve this as soon as possible. We apologize for the inconvenience.

FAQ - Frequently Asked Questions (323) Need help?

Search by keyword, question...

Grants  Tenders

Grant category  
Select a grant category...

Programming period  
Select a programme period...

Programme  
Horizon Europe (HORIZON) (323)

These pages are updated with the answers to the most frequent questions that have been submitted to the Research Enquiry Service and Participant Validation, IT Helpdesk, eProcurement Helpdesk, Call Coordinators and H2020 NCP correspondents.

In case of questions related to a call for tenders, there is always a specific timeslot to ask questions and requesting information, clarification must be done exclusively within the call for tenders on eTendering. Read about calls for tenders.

Sort by

Under HORIZON-HLTH-2021-CORONA-01-01, with respect to mild and moderate COVID-19, is there a concrete definition for the distinct COVID-19 disease phases?  
Applicants are welcome to consult the WHO website for the clinical progression scale proposed by the WHO Working Group on the Clinical Characterisation and Management of COVID-19 inf...

HORIZON-EIC-2021-ICapitalPrize: Are previous participants allowed to participate in the contest?  
Yes, with some exceptions. Among the cities that participated in previous contests, only the previous winners as well as the runners-up of the 2020 edition are not eligible to apply...

HORIZON-EIC-2021-ICapitalPrize: What is the focus of the award, and what will be evaluated in particular?



# Programme Guide, Online Manual y “IT How to”

The screenshot shows the 'Reference Documents' page on the Horizon Europe portal. Red arrows numbered 1 through 5 point to the following elements:

- 1:** Points to the 'Reference documents' link in the top navigation menu.
- 2:** Points to the 'Horizon Europe (HORIZON)' filter in the 'Programming period' section.
- 3:** Points to the 'Clear filter' button in the 'Programming period' section.
- 4:** Points to the 'Guidance' category in the 'Reference Documents' list.
- 5:** Points to the 'HE Programme Guide' link under the 'Guidance' category.

## [Reference Documents](#)

# Apúntate como Evaluador

Funding & tender opportunities  
Single Electronic Data Interchange Area (SEDA)

English

Register Login

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

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.

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)

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...

All news >

Quick Links

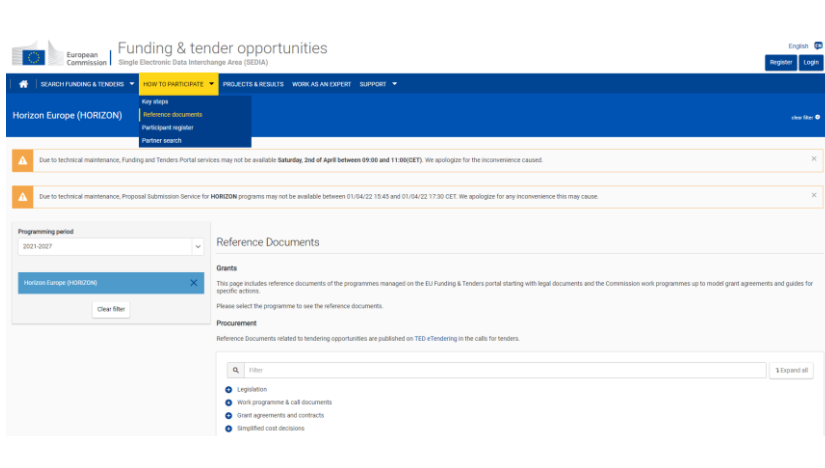
- Experts standard briefing slides
- FAQ for Experts
- Expert recommendations
- Lists of contracted experts
- EU Grants - Model Contract for Experts
- Methodology for expert fees for remote evaluation and ethics review
- FAQ on the evaluation of innovation, social sciences and humanities and other aspects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

Se **buscan diferentes perfiles**: Científico-técnicos, business, emprendedores, entidades públicas, asociaciones, NGOs...

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

# Información de interés

- [Funding and Tenders Portal](#)
- [Work Programme Clúster 5](#)
- [Proposal Template](#)
- [Programme Guide](#)
- [Online Manual](#)
- [IT How to](#)



# Información de interés

## Webinars European Commission (1/2)

- [How to prepare a successful proposal in Horizon Europe](#) (24 March 2021)
- [A successful proposal for Horizon Europe](#) (21 April 2021)
- [Tips and Tricks while writing your Horizon Europe proposal](#) (23 June 2021)
- [Recipe for success: Tips and tricks to writing your Horizon Europe proposal](#) (29 September 2022)
- [Dissemination, Communication and Exploitation](#) (9 June 2021)
- [The Funding & tenders Portal for beginners](#) (27 May 2021)
- [New features Funding & Tenders Portal](#) (28 September 2021)
- [The Gender Equality Plan](#) (23 June 2022)
- [Horizon Results Booster](#) (17 November 2022)
- [Submission and evaluation, Grant Agreement Preparation, Legal and Financial Aspects](#) (10 December 2021)
- [Grant Agreement Preparation, Legal and Financial Aspects](#) (26 January 2022)
- [Cost reporting of other costs \(with focus on internal invoicing\)](#) (23 March 2022)



# Información de interés

## Webinars European Commission (2/2)

- [Lump Sum funding: How does it work and what are the next steps?](#) (7 April 2022)
- [Lump Sum funding: How to write a proposal?](#) (19 May 2022)
- [Lump Sum funding: How does it work? How to write a proposal?](#) (20 October 2022)
- [Avoiding errors in declaring personnel costs in Horizon 2020 grants](#) (30 November 2022)
- [Coordinators' Day on Grant Agreement Preparation](#) (2 February 2023)
- [Coordinators' Day on Grant Agreement Preparation](#) (8 June 2023)
- [Lump Sum](#) (9 February 2023)
- [Lump Sum](#) (11 May 2023)
- [Horizon Europe Results Booster](#) (24 May 2023)
- [Two factor authentication in the Funding and Tenders Portal](#) (10 May 2023)
- [Avoiding common errors in Other Direct Costs in H2020](#) (30 May 2023)



# Información de interés

## GREENET Partner Search Tool

Registration is open and **meetings can take place anytime throughout the year.**

GREENET Partner Search Tool

Home Organisations Participants Marketplace Login Register

GREENET Partner Search Tool

Info How it works FAQ Contact Events

**GREENET Partner Search Tool**  
An online database that manages Cluster 5 networking opportunities.

Register now  
Open until 31 December 2023

ORGANISED BY  
Greenet

PARTICIPANTS

Turkey	85
France	30
Turkey	26
United Kingdom	13
Belgium	6
Mexico	7
Spain	6

**Areas of intervention**

- Climate science and solutions
- Energy supply
- Energy systems and grids
- Buildings and industrial facilities in energy transition
- Communities and cities
- Industrial competitiveness in transport
- Clean, safe and accessible transport and mobility
- Smart mobility

# Información de interés

## Guía del participante – Horizonte Europa

- El proceso de participación
- Elaboración y presentación de una propuesta
- Puesta en marcha, desarrollo, seguimiento y finalización de los proyectos
- Proceso de evaluación de propuestas
- Preparación y firma del acuerdo de subvención del proyecto

<https://www.horizonteeuropa.es/guia-del-participante-horizonte-europa>

Guía del participante  
**HORIZONTE EUROPA**



# Información de interés

## Webinars CDTI-SOST

### Cómo preparar una propuesta exitosa



**12 webinarios online**

**Con experiencias de participantes**

(Febrero-Junio 2022)

[Presentaciones y grabaciones](#)

#### SESIONES

Sesión 1: Cómo completar la Parte A en propuestas de Horizonte Europa

Sesión 2: Excelencia. Concepto, metodología, estado del arte y ambición del proyecto

Sesión 3: Open Science. Plan de gestión de datos

Sesión 4: Dimensión de género en propuestas de HE

Sesión 5: Apartado de Impacto en proyectos de HE

Sesión 6: Impacto. Planes de explotación

Sesión 7: Implementación. Paquetes de trabajo, recursos y descripción del consorcio

Sesión 8: Implementación. Plan de riesgos

Sesión 9: Aspectos éticos en HE

Sesión 10: Aspectos de seguridad en propuestas de HE

Sesión 11: “Lump sum” en propuestas de HE

Sesión 12: Estandarización en proyectos de HE



# Información de interés

## Infoday Bruselas y Brokerage Event. 17-18 octubre 2023

- Formato online

Más información en la [web del Infoday](#) y [web del Brokerage](#)



# Información de interés

## Infoday nacional Horizonte Europa Energía

- Formato presencial
- En CDTI, 25 octubre de 2023



Más información en el [portal español de Horizonte Europa](#)

# Más información

Portal español Horizonte Europa

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

¡ÚNETE A NOSOTROS!



 @HorizonteEuropa

 Canal de Telegram

 RSS **1**

 ESHorizonte2020

Síguenos en Twitter

2

 @HE\_Energia\_CDTI



[https://twitter.com/HE\\_Energia\\_CDTI](https://twitter.com/HE_Energia_CDTI)

SUSCRIPCIÓN A **LISTAS DE DISTRIBUCIÓN**

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

3



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

# Canales RSS en [www.horizonteeuropa.es](http://www.horizonteeuropa.es) (1/6)

The screenshot shows the website's header with the 'HORIZONTE EUROPA' logo and navigation links: 'Ciencia Excelente', 'Desafíos mundiales', 'Europa Innovadora', 'Widening ERA', and 'Más Europa'. Below the header is a 'Inicio' button and a 'Canales RSS' button. The main content area is titled 'CANALES RSS' and contains the following sections:

- ¿Qué significa RSS?**

RSS, son las siglas de Really Simple Syndication. Es un formato que permite el acceso a contenidos mediante unas herramientas expresamente desarrolladas para este fin. De este modo, podemos enterarnos de la actualización de las páginas que más consultamos y/o visitamos directamente en nuestro escritorio, programa de correo o servicio vía Web sin necesidad de acudir periódicamente a dichas páginas.

Un ejemplo habitual del contenido de RSS son las fuentes de información como los titulares de noticias que se actualizan con frecuencia. La gran ventaja de RSS es la agregación de todo el contenido de varios orígenes Web a una sola suscripción.
- ¿Cómo puedo usarlo?**

Para poder hacer uso del formato RSS, se debe realizar un proceso que se conoce como agregación en el cual indicamos a nuestro programa de escritorio, de correo o servicio vía Web el enlace que permitirá la obtención de las últimas actualizaciones de las páginas que elegimos.

Información detallada para el uso de RSS.
- RSS disponibles**
  - [Horizonte Europa](#)
  - [Ciencia Excelente](#)

Cómo usarlo

# Canales RSS en [www.horizonteeuropa.es](http://www.horizonteeuropa.es) (2/6)

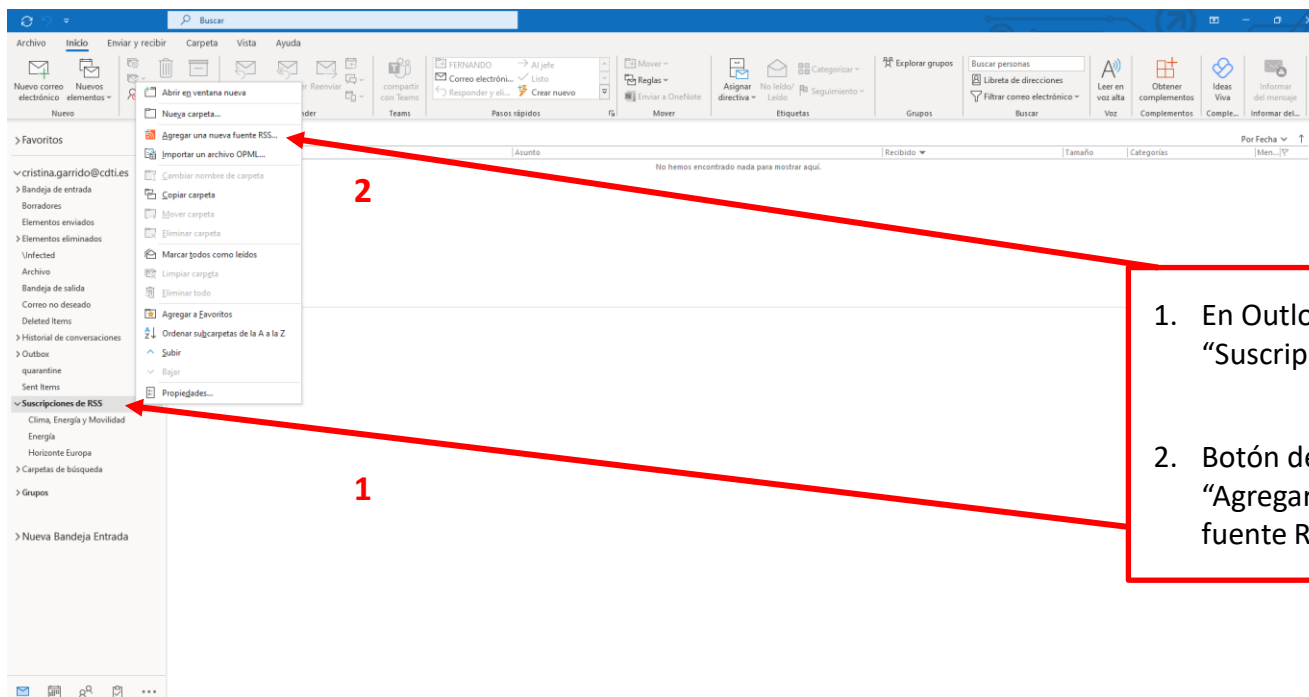
RSS disponibles

- Horizonte Europa
- Ciencia Excelente**
  - Consejo Europeo de Investigación (ERC)
  - Acciones Marie Skłodowska-Curie (MSCA)
  - Infraestructuras de Investigación
- Desafíos Mundiales**
  - Salud
  - Cultura, Creatividad y Sociedad Inclusiva
  - Seguridad Civil para la Sociedad
    - Ciberseguridad
  - Mundo Digital, Industria y Espacio
    - Digital
      - Datos y tecnologías de computación
      - Tecnologías emergentes
      - Tecnologías digitales centradas en el humano
    - Industria
    - Espacio
  - Clima, Energía y Movilidad
    - Clima
    - Energía
  - Mi
- Alimentación
- Centro C

- Europa Innovadora**
- Consejo Europeo de Innovación (EIC)
- Explorador del EIC

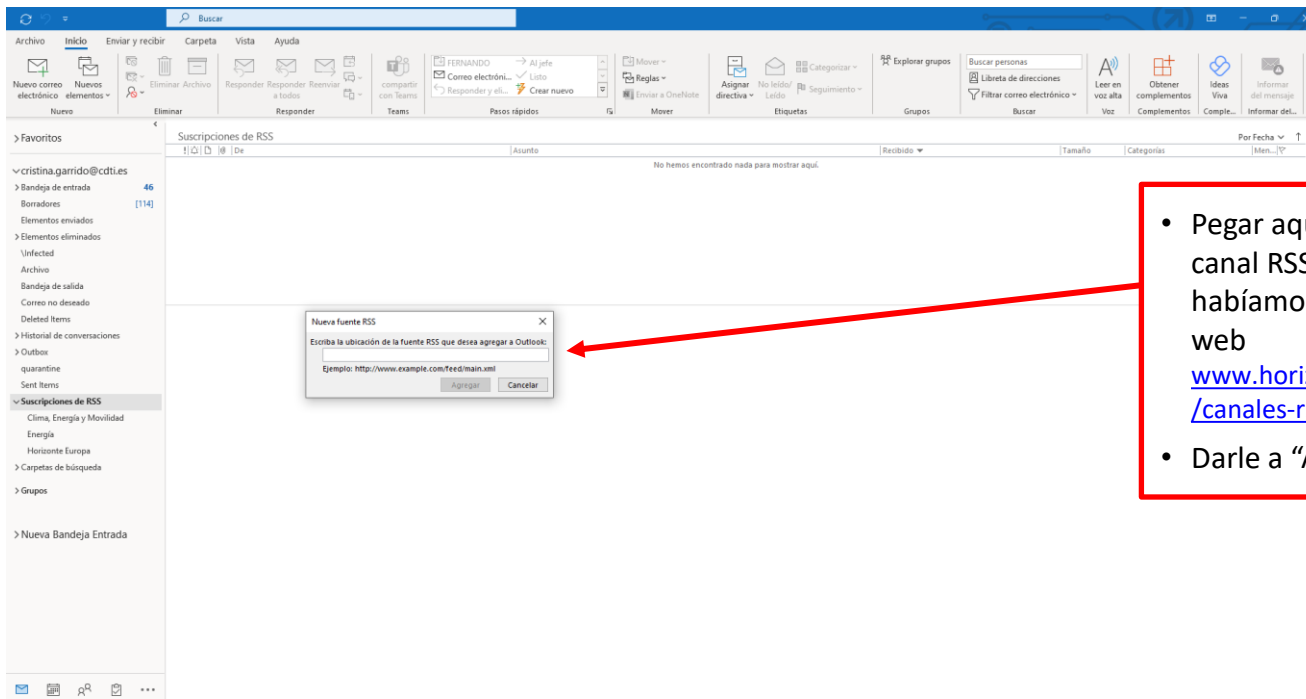
- Poner el ratón sobre el canal de tu interés
- Botón derecho y “copiar dirección de enlace”
- Ojo!: no pinchar en el canal, sino botón derecho y “copiar dirección de enlace”

# Canales RSS en [www.horizonteeuropa.es](http://www.horizonteeuropa.es) (3/6)



1. En Outlook, ir a “Suscripciones de RSS”
2. Botón derecho e ir a “Agregar una nueva fuente RSS”

# Canales RSS en [www.horizonteeuropa.es](http://www.horizonteeuropa.es) (4/6)



- Pegar aquí el enlace del canal RSS de Energía que habíamos copiado en la web [www.horizonteeuropa.es/info/canales-rss](http://www.horizonteeuropa.es/info/canales-rss)
- Darle a “Agregar” y listo

# Nuevas listas distribución de CDTI

## SUSCRIPCIÓN A LISTAS DE DISTRIBUCIÓN

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



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

### PROGRAMA MARCO - HORIZONTE EUROPA ^

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

#### Horizonte Europa - general

- Programa Marco: información general  
Información general sobre Horizonte Europa

#### Clúster 5 - Clima, Energía y Movilidad

- Programa Marco: Clima  
Información relacionada con el área de Clima del Clúster 5 de HE y otras iniciativas UE relacionadas
- Programa Marco: Energía  
Información relacionada con el área de Energía del Clúster 5 de HE y otras iniciativas UE relacionadas
- Programa Marco: Movilidad  
Información relacionada con el área de Movilidad del Clúster 5 de HE y otras iniciativas UE relacionadas



# Para cualquier consulta

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Mantente informado a través del Portal español de Horizonte Europa

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

# Conclusiones

Oportunidades => WP Clúster 5 + WP Clean Hydrogen Partnership + Partenariado DUT + Partenariado CET + WP Misión de Ciudades

Recursos valiosos => FAQs, Programme Guide, Online Manual, Guía “IT How to”

Mantente informado => Canales RSS del Portal HorizonteEuropa, [@HE\\_Energía\\_CDTI](#) y las [nuevas listas de distribución de CDTI](#)