



# Horizonte Europa Energía

Calls 2024

Infoday nacional  
Cristina Garrido  
CDTI  
25 octubre 2023

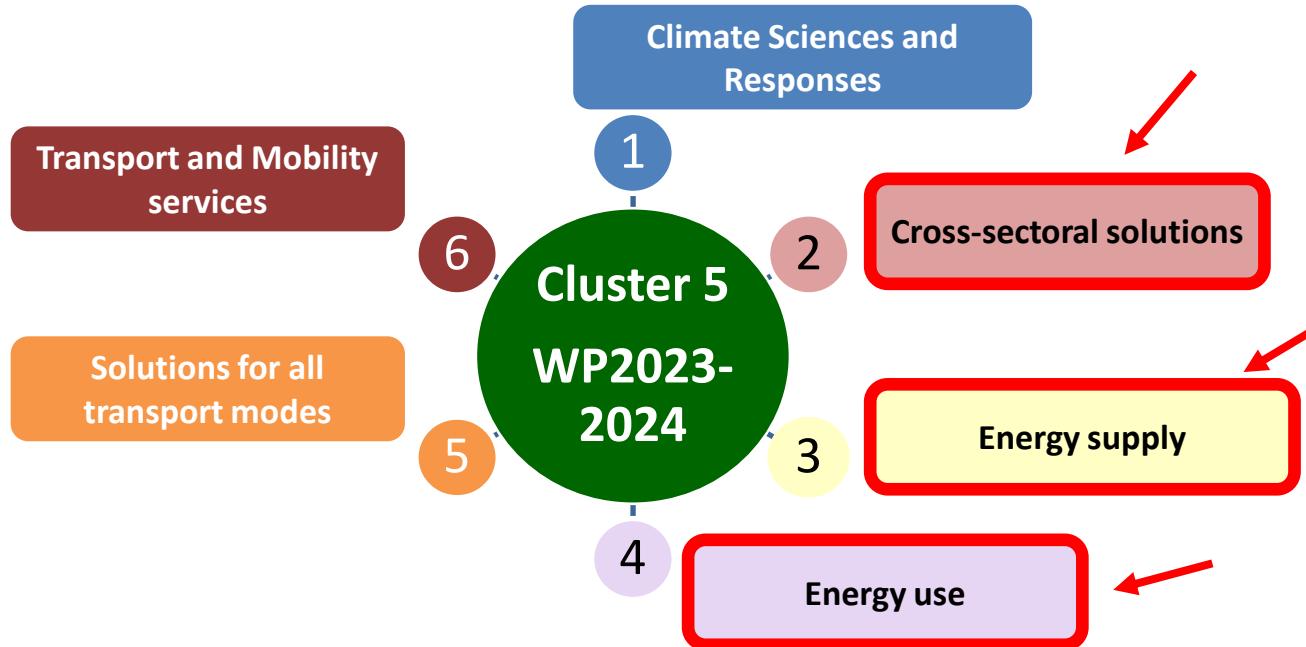
*Centro para el Desarrollo Tecnológico y la Innovación*

# Horizon Europe (2021-2027)

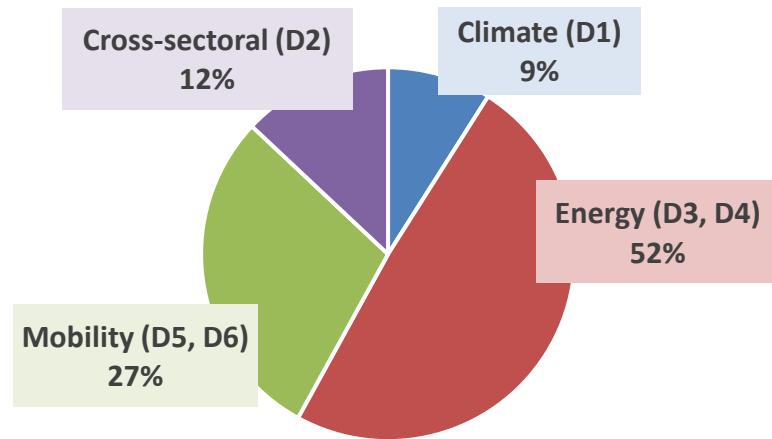
## Estructura



# Cluster 5 – Destinations



# Cluster 5 - Budget allocation 2023-2024



Budget 2023-2024: 2.386 M€

# 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



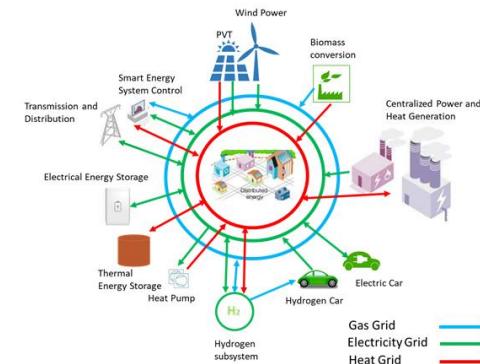
# Destination 3 - Renewable Energy (3/3)

- **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



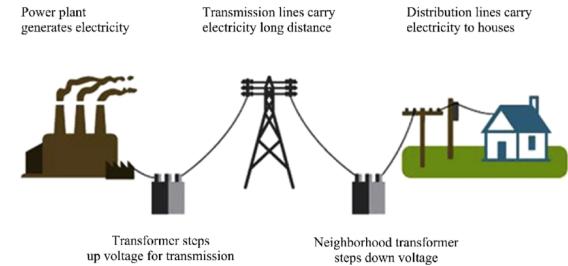
# Destination 3 - Energy Systems, Grids and Storage (1/2)

- **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



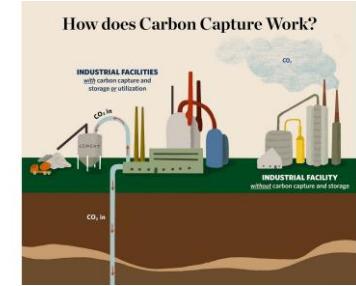
# Destination 3 - Energy Systems, Grids and Storage (2/2)

- **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)

- **CO2 transport and storage demo projects:** new demonstration projects connecting CO2 sources with potential storage sites, connecting CCUS clusters to CO2 transport and storage infrastructures
- **Carbon Capture and Use for the production of fuels:** development of energy-efficient, economically and environmentally viable CO2 conversion technologies
- **Direct Air Capture Conversion and Storage (DACCs) and Bioenergy with Carbon Capture and Storage (BECCS) for CO2 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

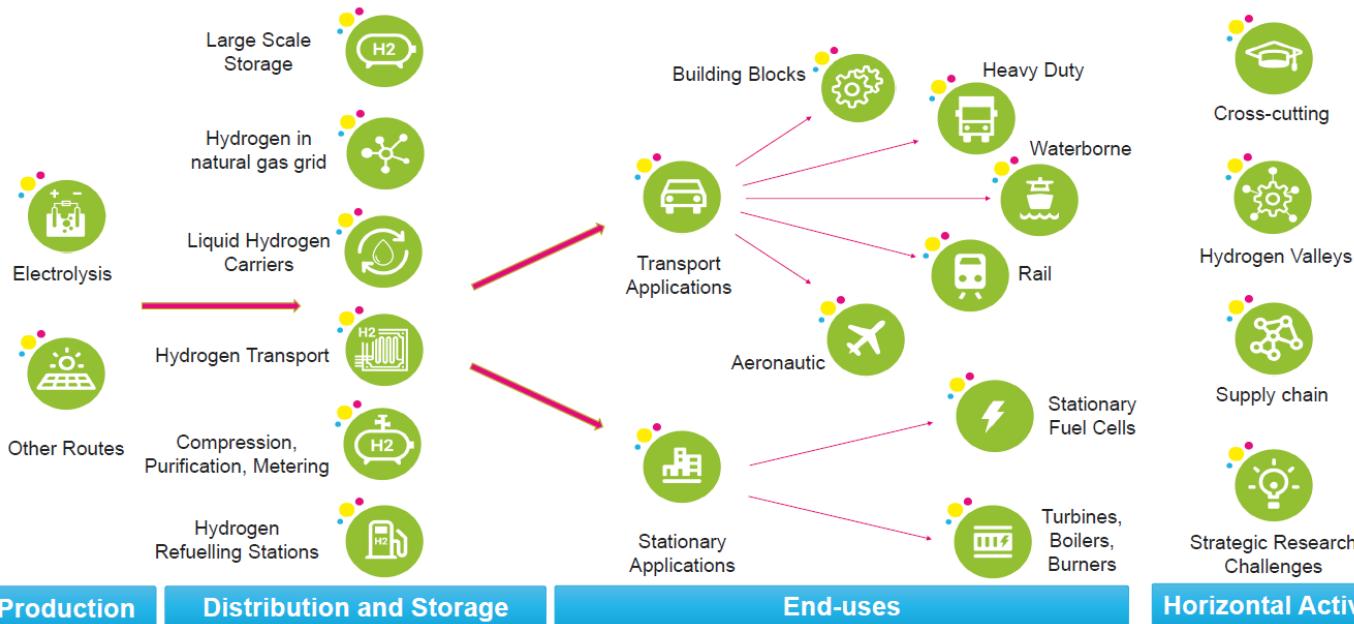
# 1. Partenariado “Clean Hydrogen Partnership”



- **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 [hydrogeneuroperearch.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”

3<sup>a</sup> 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



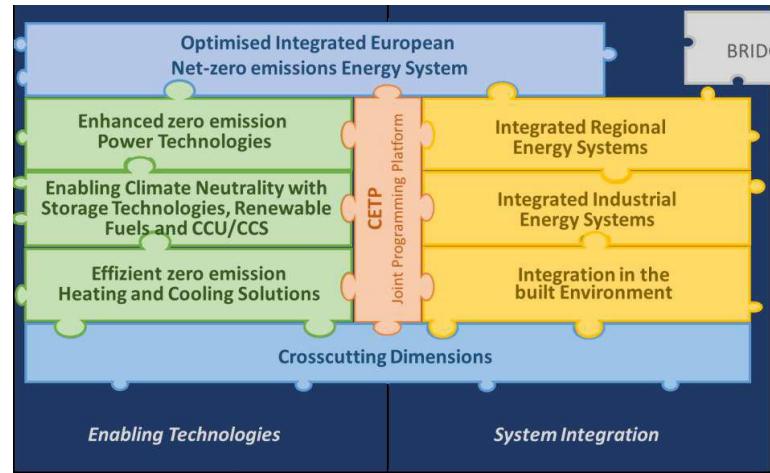
The 15 Minutes Cities  
rethinking the urban mobility  
system and space

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

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

#### Challenges



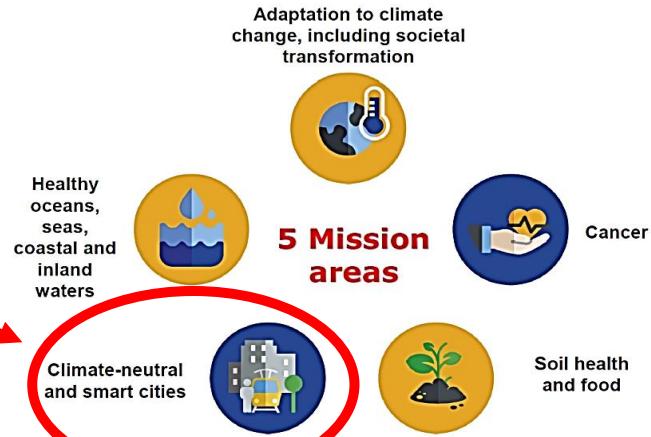
Stage 1 opening: 20 September 2023  
Stage 1 closing: **22 Nov 2023, 14:00 CET**  
Stage 2 opening: 25 January 2024  
Stage 2 closing: **27 March 2024, 14:00 CET**

- 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.*

### Cinco áreas de misiones



[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 <b>national, regional and local authorities</b> 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 Single Electronic Data Interchange Area (SEDIA) portal. A red arrow points to the search bar where "HORIZON-CL5-2022-D3-03-09" has been typed. Another red arrow points to the "SEARCH FUNDING & TENDERS" dropdown menu, specifically highlighting the "Search funding & tenders" option.

**HORIZON-CL5-2022-D3-03-09**

Type your Keywords...

Match whole words only

GRANTS  TENDERS

Submission status: Forthcoming (174) Open for submission (673) Closed (12618)

Programming period: Select a Programme period...

Filter by Programme / Programme group: Select a Programme...

Filter by call: Select a Call...

There are more than 10000 results, please refine your search criteria.

**Alternative Fuel Infrastructure Facility - Unit Contributions**  
CEF-T-2021-AFIFCOEN-UNITS

Programme	Connecting Europe Facility (CEF)	Status	Open for submission
Type of action	CEF AFIF-EVRI Unit Grants	Deadline model	multiple cut-off
Opening date	16 September 2021	Next deadline	07 June 2022 17:00 Brussels time

**Alternative Fuel Infrastructure Facility - Works - LNG**  
CEF-T-2021-AFIFCOEN-WORKS-LNG

Programme	Connecting Europe Facility (CEF)	Status	Open for submission
Type of action	CEF Infrastructure Projects	Deadline model	multiple cut-off
Opening date	16 September 2021	Next deadline	07 June 2022 17:00 Brussels time

**Alternative Fuel Infrastructure Facility - Works - Zero Emissions**  
CEF-T-2021-AFIFCOEN-WORKS-ZE

Programme	Connecting Europe Facility (CEF)	Status	Open for submission
Type of action	CEF Infrastructure Projects	Deadline model	multiple cut-off

# Revisar el topic en el Funding Portal

The screenshot shows the European Commission's Single Electronic Data Interchange Area (SEDIA) portal. The top navigation bar includes links for English, Register, and Login. Below the header, two yellow warning boxes appear: one about maintenance activity from 05/05/2022 17:00 to 05/05/2022 17:30, and another about Legal Entity and Bank Account validations on Wednesday, 04.05.2022 between 07:30 and 08:10 CET.

The main content area displays a topic titled "Recycling end of life PV modules" with TOPIC ID: HORIZON-CL5-2022-D3-03-09. A red box highlights the left sidebar under the "Grant" tab, which contains links for General information, Topic description, Destination, Conditions and documents, Partner search announcements, Submission service, Topic related FAQ, and Get support. A red arrow points from the text "Partner Search" to this sidebar. Another red arrow points from the text "Topic FAQs" to the "Topic related FAQ" link in the sidebar.

The right side of the screen shows the "General information" section for the topic. It includes details such as 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), and Deadline date (10 January 2023 17:00:00 Brussels time). A "See budget overview" button is also present.

# Otra forma de acceder a las FAQs

The screenshot shows the European Commission's "Funding & tender opportunities" website. At the top, there is a navigation bar with links for "SEARCH FUNDING & TENDERS", "HOW TO PARTICIPATE", "PROJECTS & RESULTS", "WORK AS AN EXPERT", and "SUPPORT". The "SUPPORT" menu is expanded, showing "Support overview", "FAQ", and "Helpdesk & Support Services". A red circle highlights the "FAQ" link. Below the navigation, a banner states: "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." On the left, there is a sidebar with search and filter options: "Search by keyword, question..." (with "Grants" checked), "Grant category" (with "Select a grant category..."), "Programming period" (with "Select a programme period..."), and "Programme" (with "Horizon Europe (HORIZON) (323)" selected). The main content area displays frequently asked questions (FAQs) under the heading "FAQ - Frequently Asked Questions (323)". One question is highlighted with a red arrow pointing to the search bar: "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?". Other visible questions include "Are previous participants allowed to participate in the contest?" and "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 SEIDA portal interface. At the top, there's a navigation bar with links like 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE' (which is highlighted in yellow), 'PROJECTS & RESULTS', 'WORK AS AN EXPERT', 'SUPPORT', 'Register', and 'Login'. A red arrow labeled '1' points to the 'HOW TO PARTICIPATE' dropdown. Below the navigation, it says 'Horizon Europe (HORIZON)'. A red arrow labeled '2' points to a dropdown menu for 'Programming period' with options like '2021-2027'. Another red arrow labeled '3' points to a search bar containing 'Reference Documents'. On the right side, under 'Reference Documents', there's a list of items: 'Legislation', 'Work programme & call documents', 'Grant agreements and contracts', 'Guidance', 'HE Programme Guide' (which is highlighted in blue and has a red arrow labeled '4' pointing to it), 'List of eligible countries (HE)' (with a red arrow labeled '5' pointing to it), 'Online Manual' (with a red arrow labeled '5' pointing to it), and 'Rules for Legal Entity Validation, LEAR Appointment and Financial Capacity Assessment'.

## Reference Documents

# Apúntate como Evaluador

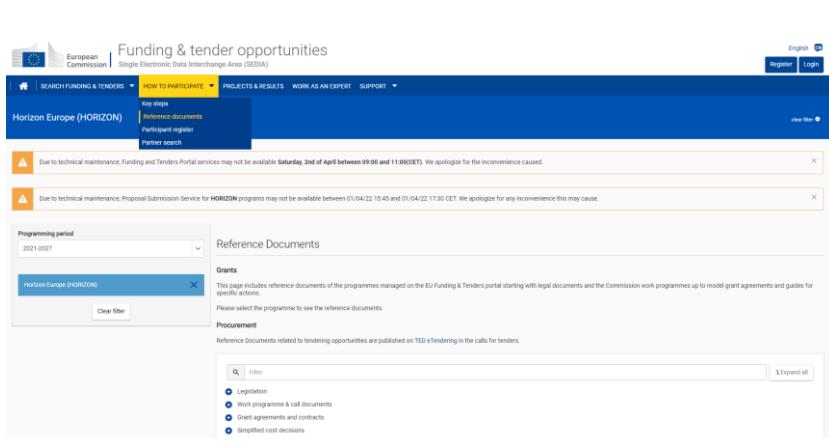
The screenshot shows the European Commission's Single Electronic Data Interchange Area (SEDE) portal. At the top, there is a logo for the European Commission and the text "Funding & tender opportunities". Below the logo, a navigation bar includes links for "SEARCH FUNDING & TENDERS", "HOW TO PARTICIPATE", "PROJECTS & RESULTS", "WORK AS AN EXPERT" (which is highlighted with a red circle), and "REPORT". On the right side of the header, there are "Register" and "Login" buttons. The main content area has a heading "Work as an expert" and a sub-heading "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." Below this, there is a video thumbnail titled "Being an expert for the European Commission" showing a person speaking. To the right of the video, there is a list of tasks experts assist in: "Evaluation of proposals, prize applications and tenders", "Monitoring of actions, grant agreements, public procurement contracts", and "Preparation, implementation and evaluation of EU programmes and design of policies". There is also a note about selecting experts from a list of interest. A "Register as expert" button is present. Further down, there is a section for "Calls for expressions of interest for experts" with links to "Calls for expressions of interest for experts (2021-2027)" and "Calls for expressions of interest for experts (2018-2020)". On the right side of the page, there is a "News" section with a recent article about INEA looking for experts to assess CEF Energy calls, and a "Quick Links" sidebar with various links related to experts.

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



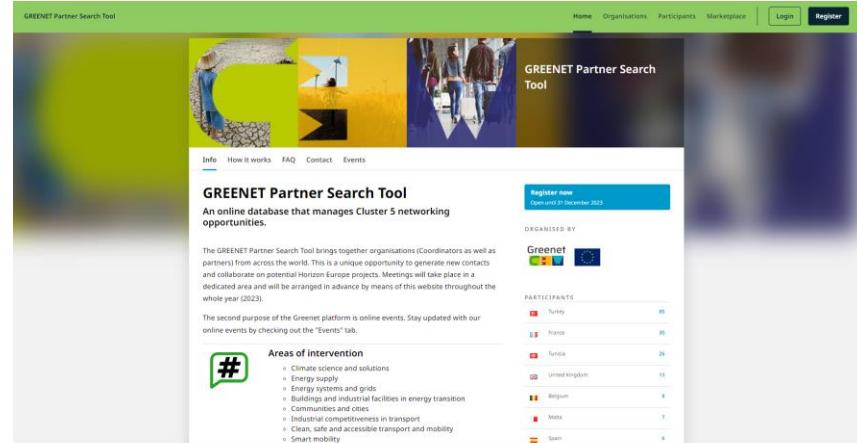
## Webinars European Commission (2/2)

- [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.**



The screenshot shows the homepage of the GREENET Partner Search Tool. At the top, there's a navigation bar with links for Home, Organisations, Participants, Marketplace, Login, and Register. Below the navigation is a banner featuring a large stylized 'G' and 'E' made of green and yellow shapes, with a person in a hard hat and a wind turbine in the background. To the right of the banner, it says 'GREENET Partner Search Tool'. Below the banner is a section titled 'GREENET Partner Search Tool' with the subtitle 'An online database that manages Cluster 5 networking opportunities.' It explains the purpose of the tool: bringing together organisations from across the world to generate new contacts and collaborate on potential Horizon Europe projects. It mentions that meetings will take place in a dedicated area and be arranged in advance. A note says the second purpose of the platform is for online events. Below this is a section titled 'Areas of Intervention' with a list of topics including 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, and smart mobility. There's also a '#' icon. On the right side, there's a 'PARTICIPANTS' section showing the number of participants from various countries: Turkey (65), France (30), Tunisia (24), United Kingdom (18), Belgium (8), Malta (7), and Spain (6). At the bottom right, there's a logo for Greenet and the European Union.

# Información de interés

Guía del participante  
**HORIZONTE EUROPA**

## 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>



# 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
- 1 RSS
- ESHorizonte2020

2

¡SÍGUENOS EN TWITTER!



@HE\_Energia\_CDTI



**Horizonte Europa Clúster 5 Energía. CDTI**

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

# Canales RSS en www.horizonteeuropa.es (1/6)

The screenshot shows the Horizonte Europa website's RSS feed page. At the top, there are logos for Horizonte Europa, Gobierno de España, and Ministerio de Ciencia e Innovación. The navigation bar includes links for Ciencia Excelente, Desafíos mundiales, Europa Innovadora, Widening+ERA, and Más Europa. Below the navigation, a breadcrumb trail shows 'Inicio' and 'Canales RSS'. The main content area is titled 'CANALES RSS' and contains two sections: '¿Qué significa RSS?' and '¿Cómo puedo usarlo?'. The '¿Cómo puedo usarlo?' section includes a link to 'Instrucciones detalladas para el uso de RSS'. A list titled 'RSS disponibles' lists 'Horizonte Europa' and 'Ciencia Excelente'. A red arrow points from the bottom left towards the '¿Cómo puedo usarlo?' section, and another red arrow points from the top right towards the 'RSS' icon in the top right corner of the page header.

Como 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
- Alimentación
- Centro Científico
  - Inspección

Energía

- Abrir enlace en una pestaña nueva
- Abrir enlace en una ventana nueva
- Abrir el enlace en una ventana de Incognito

Guarda enlace como...

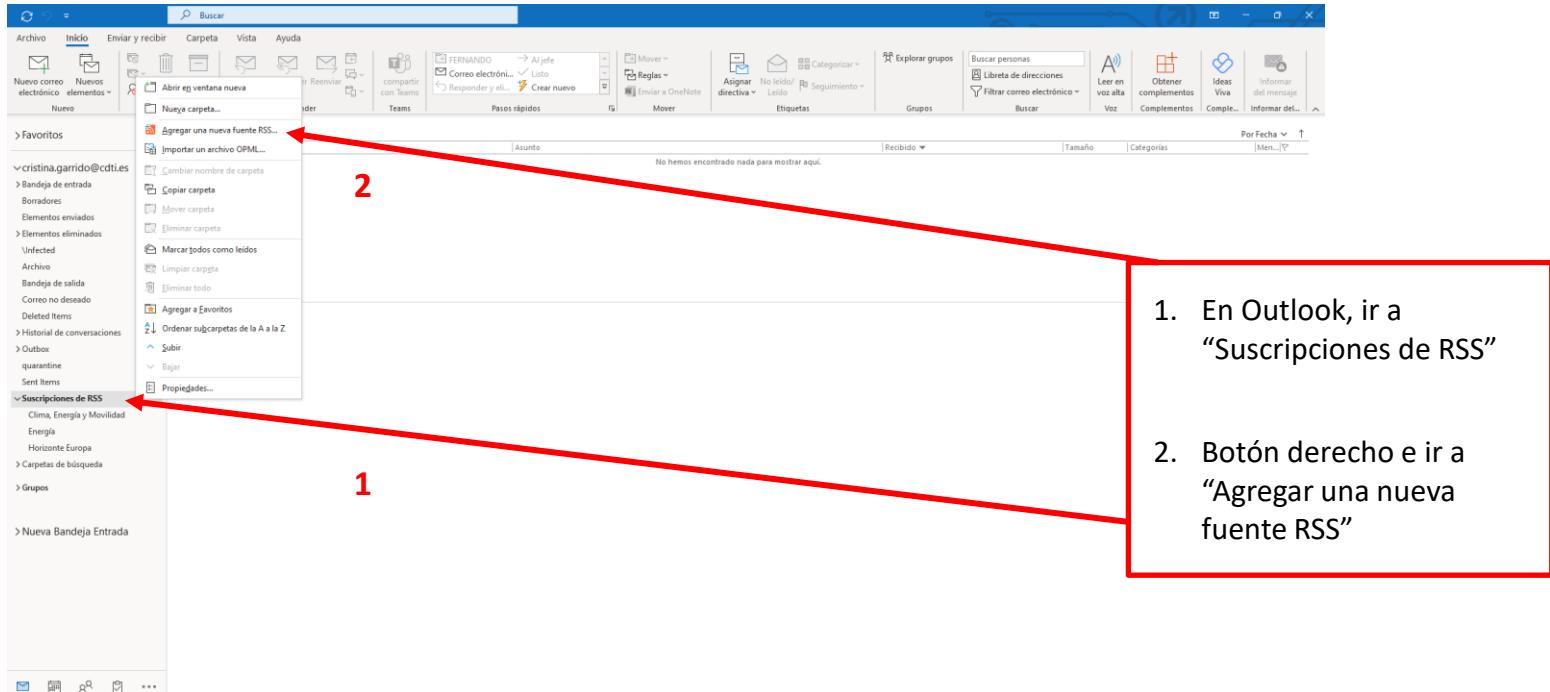
Copiar dirección de enlace

Europa Innovadora

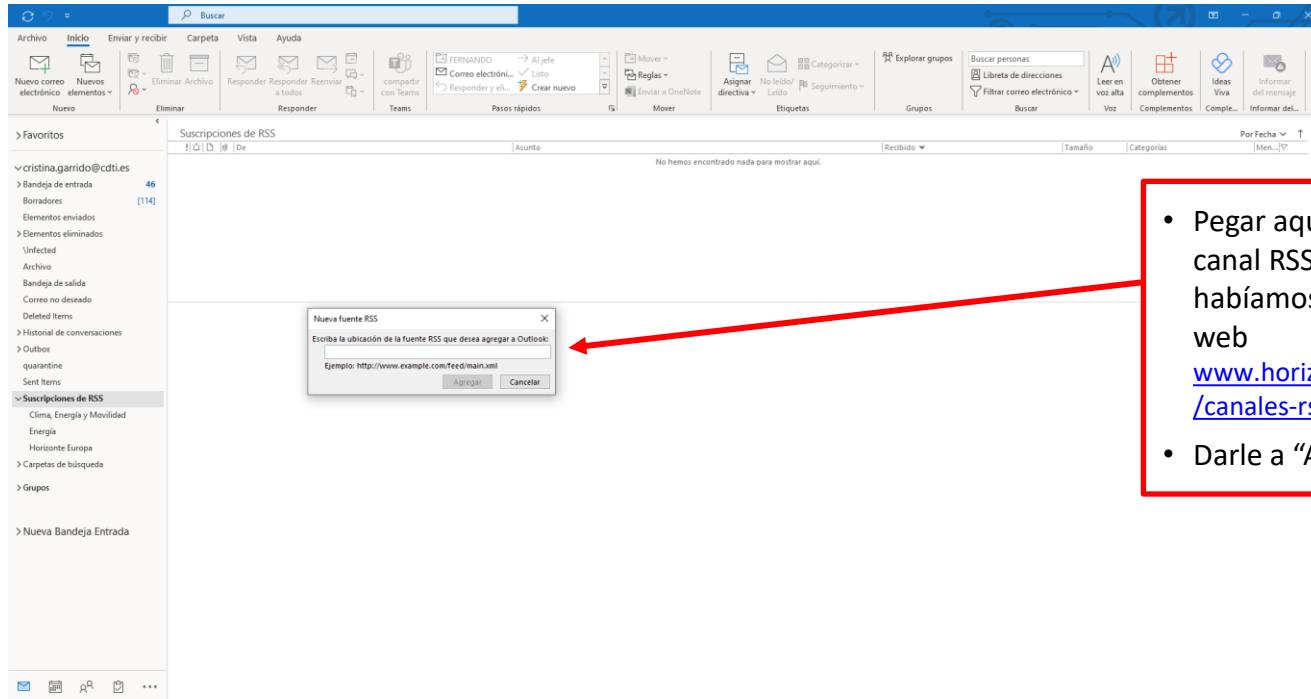
- Consejo Europeo de Innovación (EIC)
  - Explorador del EIC

- 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)



# 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

# Canales RSS en [www.horizonteeuropa.es](https://www.horizonteeuropa.es) (5/6)

The screenshot shows the Feedly web interface. On the left is a sidebar with a '+', a magnifying glass, a star, and a question mark. A red box highlights the '+' icon with the instruction: '• Pinchar en este símbolo +' (• Click on this symbol +). The main area shows a search bar with 'Español' selected. Below it is a grid of categories like '#tecnología', '#moda', and '#deco'. A red arrow points from the right side of the screen towards the search bar area.

- Si no te funcionan las suscripciones de RSS de Outlook
- En Internet ir a un lector de noticias gratuito, por ejemplo **Feedly**

- 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)

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

The screenshot shows the Feedly application interface. On the left, there's a sidebar with navigation options: Today, Read Later, Manage Leo, FEEDS (All, Horizon Europe), BOARDS (Create New Board), Recently Read, Integrations, and a user icon. The main area is titled "Energía" and shows "32 followers / 1 article per week". It lists three items from the "Horizon Europe" feed:

- YESTERDAY: Jornada Pacto Verde: financiación europea para la transición ecológica by Horizonte Europa / 20h EVENTO
- MAR 14: Infoday Partenariado Hidrógeno Limpio by Horizonte Europa / 25d EVENTO
- MAR 10: Jornada online Horizonte Europa "Clean Hydrogen Partnership" by Horizonte Europa / 26d EVENTO

At the bottom, there's a "MARK ALL AS READ" button and a message indicating "Reviewed 3 articles".

[Feedly](#)

✓ 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 y [@HE\\_Energía\\_CDTI](#)