



# Horizonte Europa Clúster 5 Energía

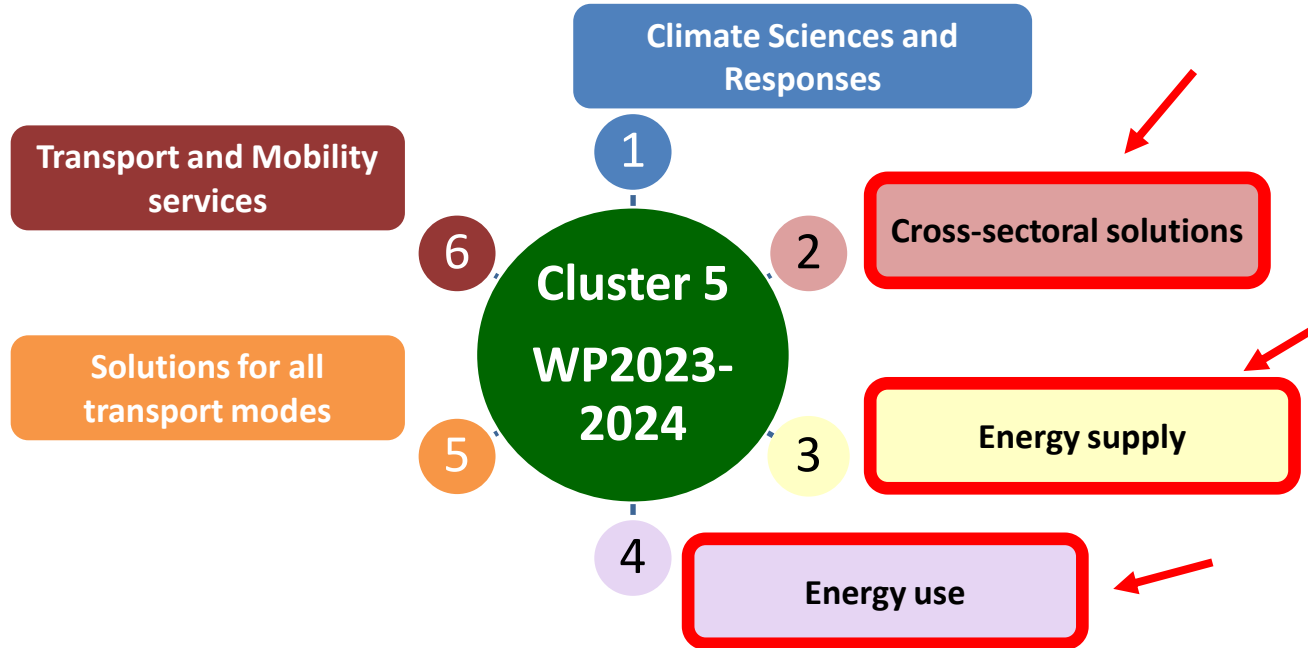
Convocatorias 2024

# Horizon Europe (2021-2027)

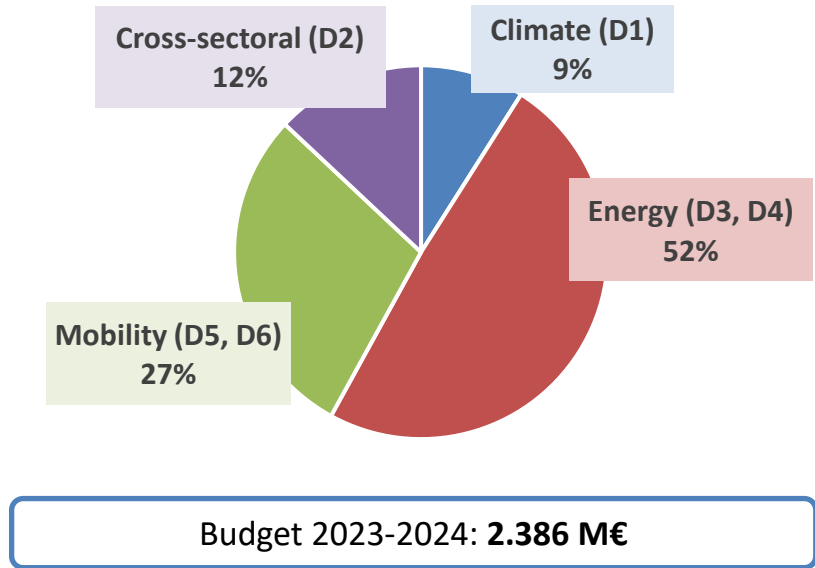
# Estructura



# 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€

Renewable energy

• 44 topics – 605 M€

Destination  
3

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€

En

convocatorias

todavía

abiertas

21 topics

224 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



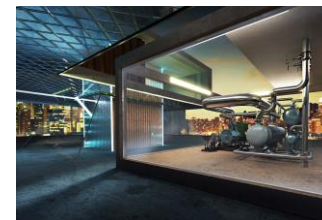


# Destination 3

## 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



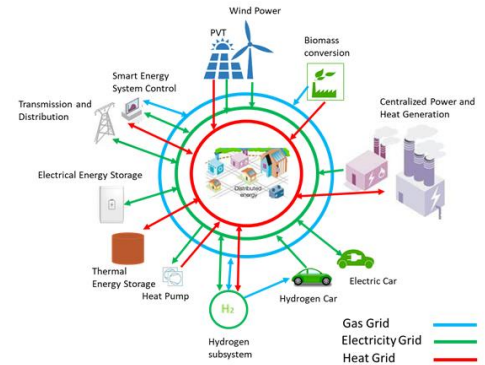
# Destination 3 - Renewable Energy (3/3)

- **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



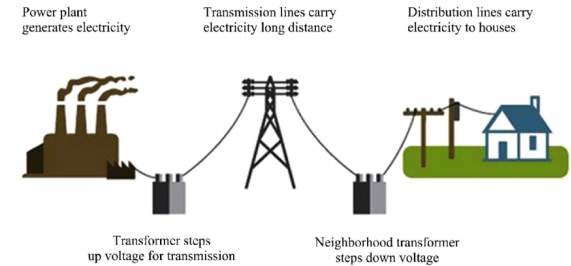
# Destination 3 - Energy Systems, Grids and Storage (1/2)

- **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



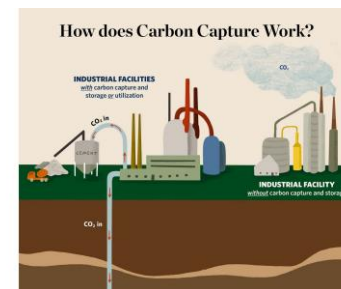
# Destination 3 - Energy Systems, Grids and Storage (2/2)

- **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

## Cross-cutting

## Destination 2 – Cross-cutting

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics	TRL (end project)
Cross-cutting	HORIZON-CL5-2023-D2-01-06	Open Pilot Line/Test Bed for hydrogen	13/12/2022	18/04/2023	IA	10	10	1		
	HORIZON-CL5-2023-D2-01-07	Support for the deployment of R&I results for climate mitigation. Synergies with the ETS Innovation Fund	13/12/2022	18/04/2023	CSA	4	1	4	Lump Sum	

# 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 (1/6)

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Energy Valleys	HORIZON-CL5-2023-D3-01-01	Renewable Energy Valleys to increase energy independence while accelerating the green transition in Europe	13/12/2022	30/03/2023	IA	40,00	20	2	
Wind	HORIZON-CL5-2023-D3-01-05	Critical technologies for the offshore wind farm of the Future	13/12/2022	30/03/2023	RIA	18,00	6	3	
	HORIZON-CL5-2023-D3-02-14	Digital twin for forecasting of power production to wind energy demand	04/05/2023	05/09/2023	RIA	12,00	6	2	Lump Sum
	HORIZON-CL5-2023-D3-02-15	Critical technologies to improve the lifetime, efficient decommissioning and increase the circularity of offshore and onshore wind energy systems	04/05/2023	05/09/2023	RIA	12,00	4	3	
	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	

# Destination 3 – Renewables (2/6)

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Photovoltaics	HORIZON-CL5-2023-D3-01-02	PV integration in buildings and in infrastructure	13/12/2022	30/03/2023	IA	16,00	8	2	
	HORIZON-CL5-2023-D3-01-03	Floating PV Systems	13/12/2022	30/03/2023	IA	14,00	7	2	
	HORIZON-CL5-2023-D3-01-04	Solar Systems for Industrial Process Power and/or Heat	13/12/2022	30/03/2023	IA	14,00	7	2	
	HORIZON-CL5-2023-D3-02-11	Advanced concepts for crystalline Silicon technology	04/05/2023	05/09/2023	RIA	9,00	3	3	
	HORIZON-CL5-2023-D3-02-12	Large Area Perovskite solar cells and modules	04/05/2023	05/09/2023	IA	14,00	7	2	
	HORIZON-CL5-2023-D3-02-13	Operation, Performance and Maintenance of PV Systems	04/05/2023	05/09/2023	IA	10,00	5	2	
	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 (3/6)

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Renewable Fuels	HORIZON-CL5-2023-D3-01-06	Demonstration of advanced biofuel technologies for aviation and/or shipping	13/12/2022	30/03/2023	IA	18,00	9	2	Lump Sum
	HORIZON-CL5-2023-D3-01-07	Demonstration of synthetic renewable fuel technologies for aviation and/or shipping	13/12/2022	30/03/2023	IA	18,00	9	2	
	HORIZON-CL5-2023-D3-02-07	Development of next generation advanced biofuel technologies	04/05/2023	05/09/2023	RIA	12,00	4	3	
	HORIZON-CL5-2023-D3-02-08	Development of microalgae and/or direct solar fuel production and purification technologies for advanced aviation and /or shipping fuels	04/05/2023	05/09/2023	RIA	8,00	4	2	
	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	

## Destination 3 – Renewables (4/6)

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Bioenergy	HORIZON-CL5-2023-D3-02-01	Development of near zero-emission biomass heat and/or CHP including carbon capture	04/05/2023	05/09/2023	RIA	8,00	4	2	
	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	
Ocean	HORIZON-CL5-2023-D3-01-08	Demonstration of sustainable tidal energy farms	13/12/2022	30/03/2023	IA	40,00	20	2	
	HORIZON-CL5-2023-D3-02-10	Development of innovative power take-off and control systems for wave energy devices	04/05/2023	05/09/2023	RIA	8,00	4	2	Lump Sum
	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	

## Destination 3 – Renewables (5/6)

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Solar Thermal CSP	HORIZON-CL5-2023-D3-01-04	Solar Systems for Industrial Process Power and/or Heat	13/12/2022	30/03/2023	IA	14,00	7	2	
	HORIZON-CL5-2023-D3-02-03	Industrial manufacturing for lower-cost solar thermal components and systems	04/05/2023	05/09/2023	IA	6,00	3	2	
	HORIZON-CL5-2023-D3-02-02	Novel thermal energy storage for CSP	04/05/2023	05/09/2023	RIA	5,00	2,5	2	
	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
Heat Pumps	HORIZON-CL5-2023-D3-02-04	Innovative components and configurations for heat pump systems	04/05/2023	05/09/2023	RIA	6,00	2	3	
Hydropower	HORIZON-CL5-2023-D3-02-09	Demonstration of sustainable hydropower refurbishment	04/05/2023	05/09/2023	IA	8,00	8	1	Lump Sum
	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	



# Destination 3 – Renewables (6/6)

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Geothermal	HORIZON-CL5-2023-D3-02-05	Advanced exploration technologies for geothermal resources in a wide range of geological settings	04/05/2023	05/09/2023	RIA	8,00	4	2	
	HORIZON-CL5-2023-D3-02-06	Smart use of geothermal electricity and heating and cooling in the energy system	04/05/2023	05/09/2023	IA	15,00	5	3	
	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	
Cross-Technology International Cooperation	HORIZON-CL5-2023-D3-02-16	Accelerating the green transition and energy access in Africa	04/05/2023	05/09/2023	IA	20,00	5	4	
	HORIZON-CL5-2023-D3-03-07	Digital solutions for defining synergies in international renewable energy value chains	04/05/2023	10/10/2023	RIA	6,00	3	2	
	HORIZON-CL5-2024-D3-01-09	Africa-EU CO-FUND action	12/09/2023	16/01/2024	Co-fund with 50% EC share	10,00	10	1	
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 (1/3)

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Energy Sector Integration	HORIZON-CL5-2023-D3-03-01	Increasing the efficiency of innovative static energy conversion devices for electricity and heat/cold generation	04/05/2023	10/10/2023	RIA	9,00	5	2	
	HORIZON-CL5-2023-D3-03-02	Integration of renewable gases other than hydrogen or methane and which have not access to gas grids and interfacing with electricity and heat sectors	04/05/2023	10/10/2023	IA	12,00	6	2	
Energy System Planning and Operation	HORIZON-CL5-2023-D3-03-03	System approach for grid planning and upgrade in support of a dominant electric mobility (vehicles and vessels) using AI tools	04/05/2023	10/10/2023	IA	11,00	11	1	
	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	
Active consumers, Markets and Energy Communities	HORIZON-CL5-2023-D3-03-04	Digital tools for enhancing the uptake of digital services in the energy market	04/05/2023	10/10/2023	IA	11,00	3-4	3	
	HORIZON-CL5-2023-D3-03-05	Creation of a standardised and open-source peer-to-peer energy sharing platform architecture for the energy sector	04/05/2023	10/10/2023	IA	5,00	5	1	

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

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
TSO/DSO Flexibility Management	HORIZON-CL5-2023-D3-01-10	Supporting the development of a digital twin to improve management, operations and resilience of the EU Electricity System in support to RePowerEU	13/12/2022	30/03/2023	IA	20,00	6-7	1	
	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-CL5-2023-D3-01-11	Demonstration of DC powered data centres, buildings, industries and ports	13/12/2022	30/03/2023	IA	18,00	9	2	
	HORIZON-CL5-2023-D3-01-16	Support action to the SET-Plan IWG on HVDC & DC Technologies	13/12/2022	30/03/2023	CSA	0,60	0,6	1	
	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-CL5-2023-D3-03-06	Components and interfacing for AC & DC side protection system – AC grid: components and systems for grid optimisation	04/05/2023	10/10/2023	IA	10,00	5	2	
	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	

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

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Transmission of Energy	HORIZON-CL5-2023-D3-01-12	Development of converter and MVDC, HVDC and High-Power Transmission systems and components for a resilient grid	13/12/2022	30/03/2023	IA	22,00	11	2	Lump Sum
	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
Green digitalisation of the energy system - interoperability and data	HORIZON-CL5-2023-D3-01-15	Supporting the green and digital transformation of the energy ecosystem and enhancing its resilience through the development and piloting of AI-IoT Edge-cloud and platform solutions	13/12/2022	30/03/2023	IA	18,00	18	1	
Storage development and integration	HORIZON-CL5-2023-D3-01-09	Waste heat reutilisation from data centres	13/12/2022	30/03/2023	IA	12,00	6	2	
	HORIZON-CL5-2023-D3-01-13	Development of novel long-term electricity storage technologies	13/12/2022	30/03/2023	RIA	14,00	4	3	
	HORIZON-CL5-2023-D3-01-14	Demonstration of innovative, large-scale, seasonal heat and/or cooling storage technologies for decarbonisation and security of supply	13/12/2022	30/03/2023	IA	30,00	10	3	
	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

Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
HORIZON-CL5-2023-D3-01-17	Development of CO2 transport and storage demo projects	13/12/2022	30/03/2023	IA	40,00	20	2	
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 (1/2)

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Energy Efficient Buildings	HORIZON-CL5-2023-D4-01-01	Innovative cost-efficient solutions for zero-emission buildings	13/12/2022	20/04/2023	IA	10,00	3-5	3	
	HORIZON-CL5-2023-D4-01-02	Future-proofing historical buildings for the clean energy transition	13/12/2022	20/04/2023	RIA	9,00	3-4,5	3	
	HORIZON-CL5-2023-D4-01-03	Interoperable solutions for positive energy districts (PEDs), including a better integration of local renewables and local excess heat sources	13/12/2022	20/04/2023	IA	8,00	3-4	2	Lump Sum
	HORIZON-CL5-2023-D4-01-04	Thermal management and energy optimisation of high energy demand IT systems equipment in tertiary buildings	13/12/2022	20/04/2023	RIA	6,00	2-3	3	Lump Sum
	HORIZON-CL5-2023-D4-01-05	Innovative solutions for cost-effective decarbonisation of buildings through energy efficiency and electrification	13/12/2022	20/04/2023	IA	25,00	10-15	3	
	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	

# Destination 4 – Buildings (2/2)

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Built4People	HORIZON-CL5-2023-D4-02-01	Innovative uses of lifecycle data for the management of buildings and buildings portfolios (Built4People Partnership)	04/05/2023	05/09/2023	IA	10,00	3-5	3	Lump Sum
	HORIZON-CL5-2023-D4-02-02	Solutions for the identification of vulnerable buildings and people-centric built environment, and for improving their resilience in disruptive events and altered conditions in a changing climate (Built4People Partnership)	04/05/2023	05/09/2023	IA	10,00	3-5	3	
	HORIZON-CL5-2023-D4-02-03	Demonstrate built-environment decarbonisation pathways through bottom-up technological, social and policy innovation for adaptive integrated sustainable renovation solutions (Built4People Partnership)	04/05/2023	05/09/2023	IA	12,00	4-6	3	
	HORIZON-CL5-2023-D4-02-04	Fast-tracking and promoting built environment construction and renovation innovation with local value chains (Built4People Partnership)	04/05/2023	05/09/2023	CSA	2,00	2	1	Lump Sum
	HORIZON-CL5-2023-D4-02-05	Supporting the creation of an accessible and inclusive built environment (Built4People Partnership)	04/05/2023	05/09/2023	IA	10,00	3-5	3	Lump Sum
	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

Subarea	Topic code	Topic title	Opening	Deadline	Type of Action	Budget	Budget per project	Number of projects expected	Lump Sum Topics
Industry	HORIZON-CL5-2023-D4-01-06	Integration of renewable heat or industrial waste heat in heat-to-cold conversion systems to generate cold for industrial processes	13/12/2022	20/04/2023	IA	20,00	10	2	Lump Sum
	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 2023](#)

[Webinar de la Comisión – 11 mayo 2023](#)

[Jornada nacional Lump Sum – 29 junio 2023](#)

[Webinar de la Comisión – 19 octubre 2023](#)

[Webinar de la Comisión – 8 febrero 2024](#)

# 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
5. Topic del Acelerador del EIC

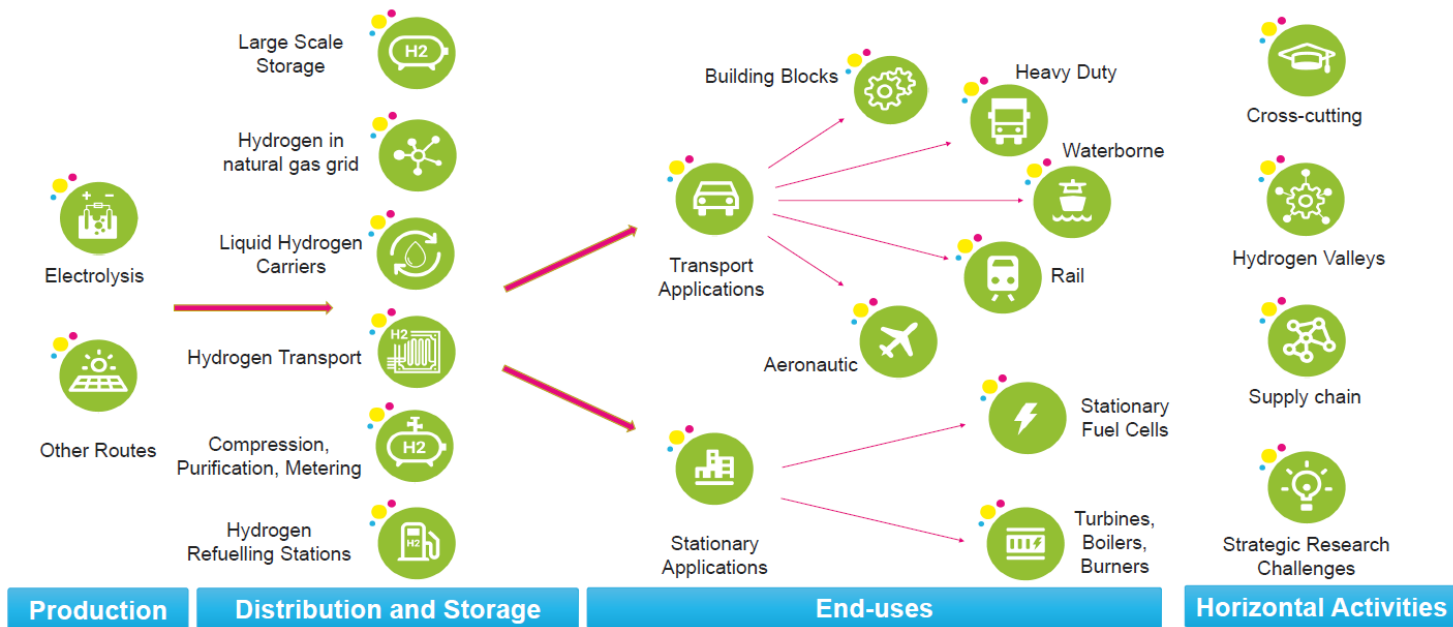
# 1. Partenariado “Clean Hydrogen Partnership”

- **1.000 M€** en el período 2021-2027 + **200 M€** 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 [hydrogeneuoperesearch.eu](http://hydrogeneuoperesearch.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”



# Clean Hydrogen Partnership – convocatoria 2024

Call HORIZON-JTI-CLEANH2-2024

- Renewable hydrogen production
- Hydrogen storage and distribution
- End uses: Transport applications
- End uses: Heat and Power
- Cross-cutting
- Hydrogen valleys



Total budget:  
113,5 M€

20 topics

[Programa de Trabajo 2024](#)

[Convocatoria 2024](#)

- [Infoday de la JTI](#) – 26 enero
- [Infoday de CDTI](#) – 14 febrero

Call Identifier	Budget (EUR mill)	Publication	Deadline
HORIZON-JTI-CLEANH2-2023			
HORIZON-JTI-CLEANH2-2023-1	113,5	17 January 2024	17 April 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

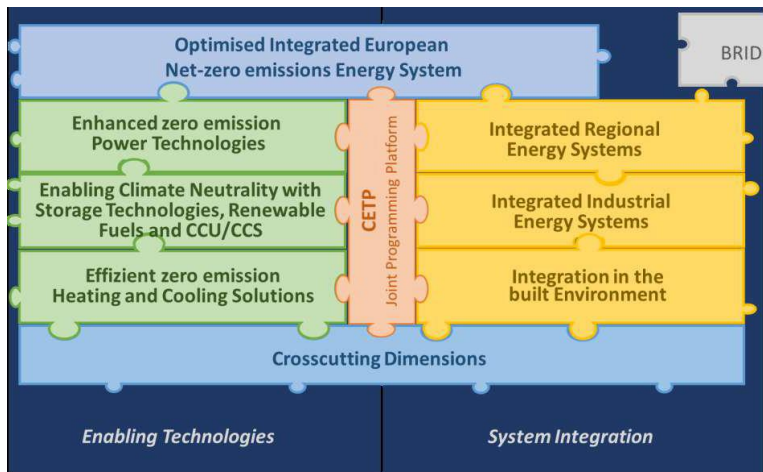
- Web de DUT <https://dutpartnership.eu/>
- Plataforma para búsqueda de socios <https://dut-calls.b2match.io/home>
- Contactos: CDTI. Milvia Soumbounou => [partenariadoshe@cdti.es](mailto:partenariadoshe@cdti.es)  
Agencia Estatal de Investigación => [urban@aei.gob.es](mailto:urban@aei.gob.es)

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 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)

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**

## Challenges



- 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)  
Ente Vasco de la Energía: Jon Lekube [jlekube@eve.eus](mailto:jlekube@eve.eus)  
Gobierno Vasco: Cristina Ugarte [cugartev@spri.eus](mailto:cugartev@spri.eus)  
Gobierno Cantabria: 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	Deadline
<b>HORIZON-MISS-2024-CIT-01-01:</b> Rethinking <b>urban spaces</b> towards climate neutrality	01/2025 (tbc)
<b>HORIZON-MISS-2024-CIT-01-02:</b> <b>Zero-pollution cities</b>	01/2025 (tbc)
<b>HORIZON-MISS-2024-CIT-01-03:</b> <b>Mobility management plans and behavioural change</b>	01/2025 (tbc)
<b>HORIZON-MISS-2024-CIT-02-01:</b> <b>Supporting national, regional and local authorities</b> to prepare for the transition towards climate neutrality within cities	09/2024 (tbc)
<b>HORIZON-MISS-2024-CIT-01-04:</b> Integrated <b>peri-urban areas</b> in the transition towards climate neutrality	01/2025 (tbc)

Borrador

Publicación  
en abril

- [Infoday Comisión](#) – 26 abril

# 5. Topic de Energía en el Acelerador del EIC

## IV.2.6 Renewable energy sources and their whole value chain including materials development and recycling of components

- **Dirigido a** start-ups y PYMES que buscan **escalar innovaciones con gran impacto** y que necesitan “muchas” financiación, pero el elevado riesgo de su negocio no les permite conseguirla entre inversores privados, y **necesitan esta ayuda para reducir el riesgo del negocio**, y que de esta manera el capital riesgo invierta en su empresa
- **Topic:** scaling-up different RES and their supply chain to limit the EU’s significant dependency on imports of components including critical raw materials (CRM) to increase the EU’s energy strategic autonomy

Target one or more of the following **objectives:**

- ✓ Scale-up the manufacturing of RES that produce heat and electricity from renewable sources at different scales
- ✓ Scale up of technologies for exploring, mining and/or processing, synthesizing materials that are part of RES
- ✓ Scale-up of technologies for recycling or re-use of RES components, including materials, into usable materials and/or components
- **Budget:** 50 M€ (anual – dos cortes)
- **Deadline:** Propuesta corta: siempre abierto. Propuesta completa: **3 de Octubre de 2024**
- **Contactos:** [esther.casado@cdti.es](mailto:esther.casado@cdti.es), [luis.guerra@cdti.es](mailto:luis.guerra@cdti.es), [lucia.inigo@cdti.es](mailto:lucia.inigo@cdti.es)

# Revisar el topic en el Funding Portal

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

Search funding & tenders | Funding updates | Archived funding (FP7-CIP)

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

type your Keywords... | Match whole words only | GRANTS | TENDERS

Submission status: Forthcoming (174) | Open for submission (875) | Closed (12618)

Programming period: Select a Programme period...

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

Filter by call: Select a Call...

Funding and tenders (10000) | Need help? | Sort by: Submission status

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

Alternative Fuel Infrastructure Facility - Unit Contributions	Call for proposal	Grant	
CEP-T2021-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 17:00:00 Brussels time

Alternative Fuel Infrastructure Facility - Works - LNG	Call for proposal	Grant	
CEP-T2021-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 17:00:00 Brussels time

Alternative Fuel Infrastructure Facility - Works - Zero Emissions	Call for proposal	Grant	
CEP-T2021-AFIFCOEN-WORKS-ZE			
Programme	Connecting Europe Facility (CEF)	Status	Open for submission



# Revisar el topic en el Funding Portal

The screenshot shows the European Commission's Funding & tender opportunities portal. The page title is "Funding & tender opportunities" with the subtitle "Single Electronic Data Interchange Area (SEDIA)". The language is set to English. The main navigation bar includes "SEARCH FUNDING & TENDERS", "HOW TO PARTICIPATE", "PROJECTS & RESULTS", "WORK AS AN EXPERT", and "SUPPORT". There are two warning messages at the top: one about maintenance activity on 05/05/2022 and another about legal entity and bank account validations on Wednesday, 04.05.2022. The main content area displays the topic "Recycling end of life PV modules" with the ID "TOPIC ID: HORIZON-CL5-2022-D3-03-09". A "Grant" button is visible. On the left, a sidebar menu is highlighted with a red box and a red arrow pointing to it. The sidebar menu items are: "General information", "Topic description", "Destination", "Conditions and documents", "Partner search announcements", "Submission service", "Topic related FAQ", and "Get support". The main content area shows the "General information" section with 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", and Deadline date: "10 January 2023 17:00:00 Brussels time". There are buttons for "See budget overview" and "Forthcoming".

Partner  
Search

FAQs  
del  
topic

# Proyectos financiados en convocatorias anteriores

Apartado "Funded Project List" de cada topic en el Funding Portal

The screenshot displays the 'Funding & tender opportunities' portal for the 'Single Electronic Data Interchange Area (SEDIA)'. The main content area is titled 'Demonstration of advanced biofuel technologies for aviation and/or shipping' (HORIZON-CL5-2023-D3-01-06). The 'Internal navigation' menu on the left includes options like 'General information', 'Topic description', and 'Funded project list', which is highlighted with a red box and a red arrow. The main content area shows 'General information' with details such as 'Programme: Horizon Europe Framework Programme (HORIZON)', 'Call: Sustainable, secure and competitive energy supply (HORIZON-CL5-2023-D3-01)', and 'Type of action: HORIZON IA HORIZON Innovation Actions'. It also lists 'Deadline model: single-stage', 'Opening date: 13 December 2022', and 'Deadline date: 30 March 2023 17:00:00 Brussels time'. The 'Topic description' section mentions 'ExpectedOutcome: Project results are expected to contribute to all of the following expected outcomes: Expand the technology portfolio for ready-to-pre-commercial plant investments in advanced biofuel technologies for aviation and/or shipping...'. A 'Budget overview' button is visible in the top right of the main content area.

Funded  
Project  
List

# Búsqueda de socios. Ampliación red de contactos

## Plataformas Tecnológicas Españolas y Europeas y sus Grupos de Trabajo

### Plataforma Tecnológica de Redes Eléctricas

- [www.futured.es](http://www.futured.es)
- [smart-networks-energy-transition.ec.europa.eu/](http://smart-networks-energy-transition.ec.europa.eu/)

### Plataforma Tecnológica de Energía Solar de Concentración

- [www.solarconcentra.org](http://www.solarconcentra.org)
- <https://estelasolar.org/>

### Plataforma Tecnológica de Eólica

- <https://reoltec.net/>
- <https://etipwind.eu/>

### Plataforma Tecnológica de Energía Solar Térmica de Baja Temperatura

- <http://www.solplat.com/>
- <https://solarheateurope.eu/>

### Plataforma Tecnológica de Fotovoltaica

- <https://fotoplat.org/>
- <https://etip-pv.eu/>

### Plataforma Tecnológica de Geotermia

- <http://www.geoplat.org/>
- <https://etip-geothermal.eu/>

### Plataforma Tecnológica de la Biomasa

- <http://www.bioplat.org/>
- <https://www.etipbioenergy.eu/>

### Plataforma Tecnológica del CO2

- <http://www.pteco2.es/>
- <https://zeroemissionsplatform.eu/>

### Plataforma Tecnológica del Hidrógeno

- [www.pth2.org](http://www.pth2.org)
- <https://hydrogeneurope.eu/>

### Plataforma Tecnológica de Eficiencia Energética

- <https://www.ptee-ee.org/>
- <https://www.rhc-platform.org/>

### Plataforma Tecnológica de la Construcción

- <https://plataformaptec.es/>
- <https://www.ectp.org/>

# Otra forma de acceder a las FAQs

The screenshot shows the European Commission website for 'Funding & tender opportunities' in the 'Single Electronic Data Interchange Area (SEDIA)'. The page is titled 'FAQ - Frequently Asked Questions (655)'. A search bar is present with filters for 'Match whole words only', 'Grants', and 'Tenders'. The 'Programme' filter is set to 'Horizon Europe (HORIZON)'. A dropdown menu for 'SUPPORT' is open, with 'FAQ' highlighted by a red circle. The main content area lists several questions related to Horizon Europe funding, such as 'Regarding the HORIZON-EIC-2023-ICAPITAL-PRIZE, our initiative has already received a regional award...'. The footer contains copyright information for 2018 and links to 'About', 'Accessibility', 'Free text search', 'IT Helpdesk', 'Cookies', 'Legal Notice', and 'APIs'.

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

The screenshot shows the Horizon Europe (HORIZON) portal interface. At the top, there is a navigation bar with 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE', 'PROJECTS & RESULTS', and 'WORK AS AN EXPERT SUPPORT'. The 'HOW TO PARTICIPATE' menu is expanded, showing 'Key steps', 'Reference documents', 'Participant register', and 'Partner search'. A red arrow labeled '1' points to the 'Reference documents' menu item. Below the navigation bar, there is a warning message about a new release of the European Commission Authentication Service (EU Login). The main content area is titled 'Reference Documents' and includes sections for 'Grants' and 'Procurement'. A filter section on the left shows 'Programming period' set to '2021-2027' and 'Horizon Europe (HORIZON)' selected. A red arrow labeled '2' points to the 'Horizon Europe (HORIZON)' filter, and another red arrow labeled '3' points to the 'Clear filter' button. Below the filter section, there is a search bar and a list of reference documents. A red arrow labeled '4' points to the 'HE Programme Guide' link, and another red arrow labeled '5' points to the 'Online Manual' link. The list also includes 'List of eligible countries (HE)', 'Online Manual', and 'Rules for Legal Entity Validation, LEAR Appointment and Financial Capacity Assessment'.

## Reference Documents

# Apúntate como Evaluador

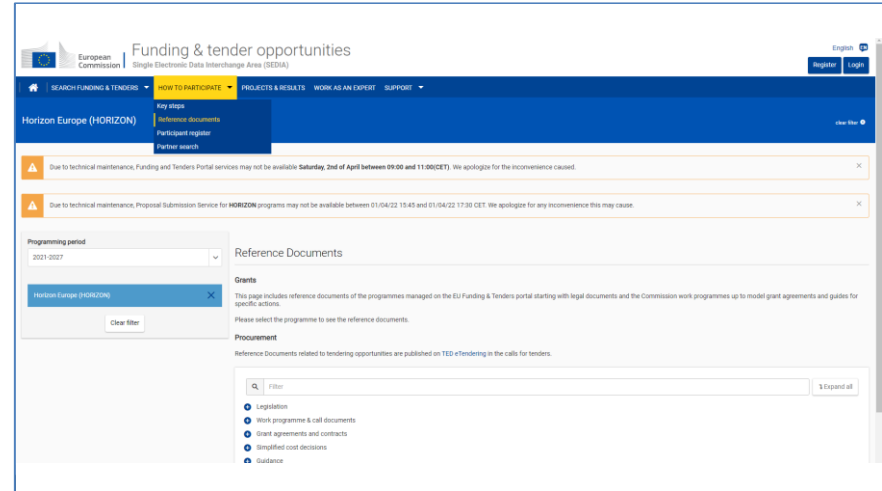
The screenshot shows the 'Funding & tender opportunities' page on the European Commission website. The navigation bar includes 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE', 'PROJECTS & RESULTS', and 'WORK AS AN EXPERT' (highlighted with a red circle). The main content area is titled 'Work as an expert' and explains that the EU appoints external experts for evaluation. It features a video player, a 'Register as expert' button, and a 'News' section with a link to 'INEA looking for experts to assess CEF Energy calls'.

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  
Opened until December 2023

ORGANISED BY  
Greenet

PARTICIPANTS

Turkey	85
France	30
Turkey	26
United Kingdom	13
Belgium	8
Malta	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

\*GREENET es la red de Puntos Nacionales de Contacto del Clúster 5

# 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>



# 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**

– Online



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

# Información de interés

## Infoday nacional Horizonte Europa Energía

- Presencial
- En CDTI, 25 octubre 2023



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

# Información de interés

Portal español Horizonte Europa  
<https://www.horizonteeuropa.es/>

¡ÚNETE A NOSOTROS!



-  @HorizonteEuropa
-  Canal de Telegram
-  RSS 1
-  ESHorizonte2020

2 Síguenos en Twitter

 @HE\_Energia\_CDTI



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SUSCRIPCIÓN A LISTAS DE DISTRIBUCIÓN

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



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

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

HORIZONTE EUROPA GOBIERNO DE ESPAÑA MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES

Telegram RSS

Ciencia Excelente Desafíos mundiales Europa Innovadora Widening+ERA Más Europa

Inicio Canales RSS

## CANALES RSS

### ¿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 consultemos y/o visitemos 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 ubicación.

### ¿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 elijamos.

[Información detallada para el uso de RSS.](#)

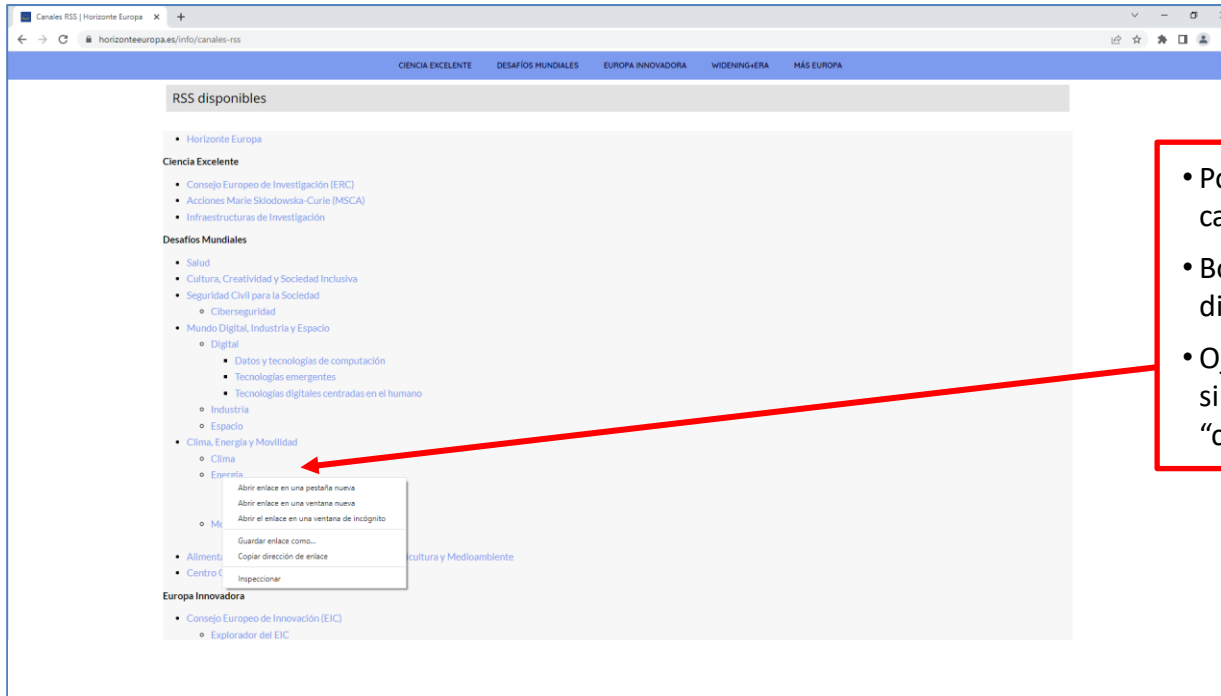
### RSS disponibles

- Horizonte Europa
- Ciencia Excelente
- ...

**Cómo usarlo**

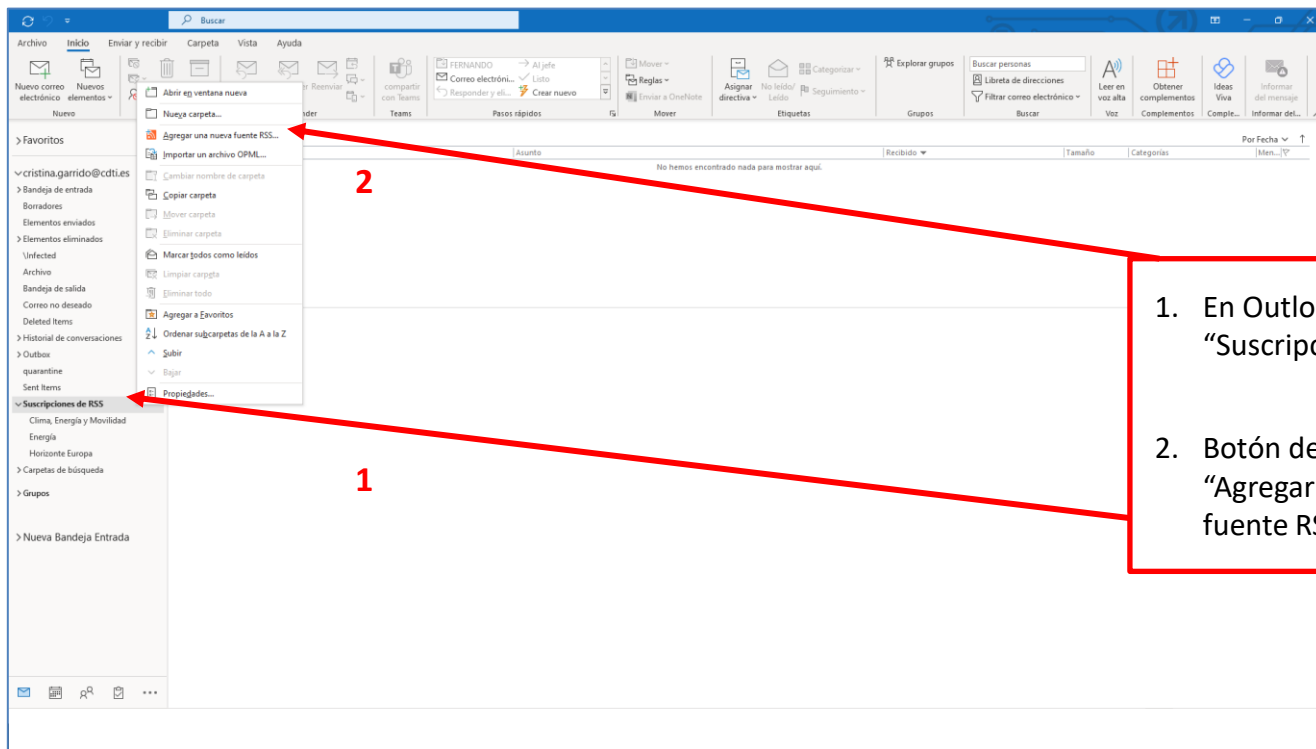


# Canales RSS en [www.horizonteeuropa.es](http://www.horizonteeuropa.es) (2/6)



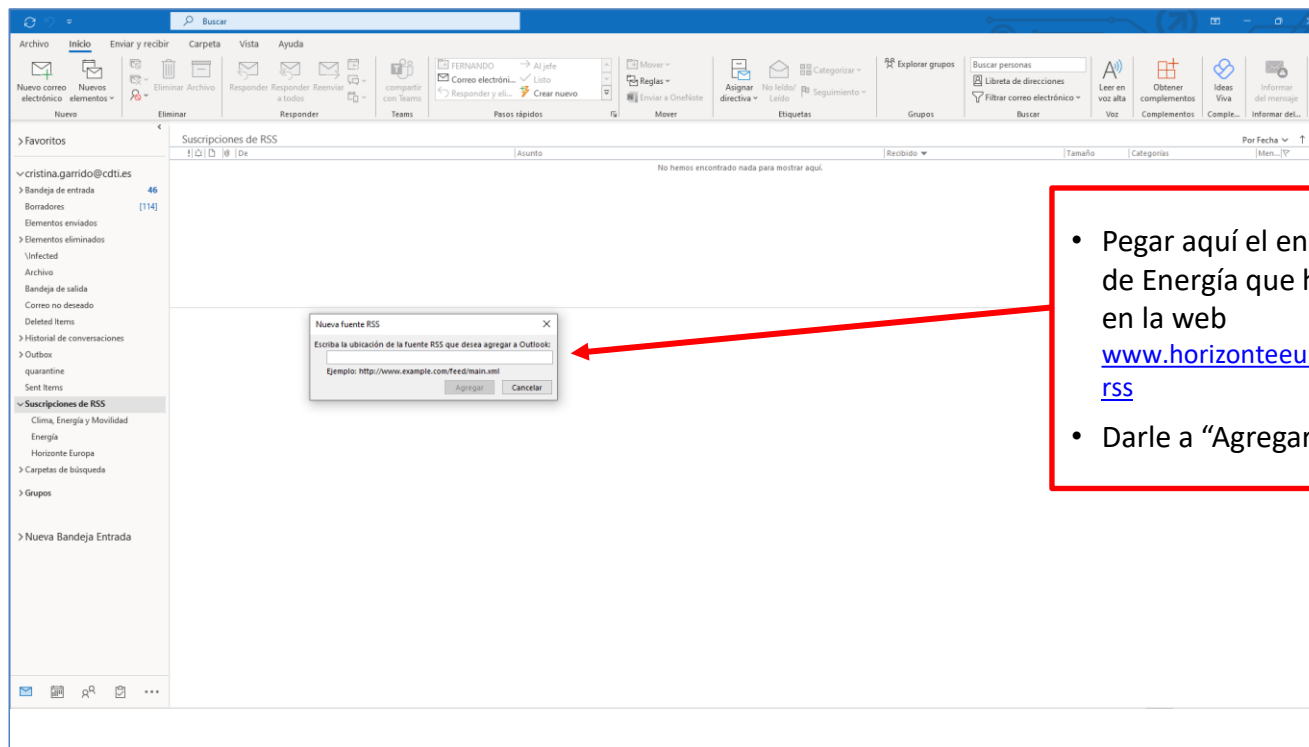
- Poner el ratón sobre el canal de tu interés
- Botón derecho y “copiar dirección de enlace”
- Ojo!: no pinchar en el canal, sino botón derecho y “copiar dirección de enlace”

# 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)



The screenshot shows the Outlook interface with the 'Suscripciones de RSS' (RSS Subscriptions) window open. The dialog box prompts the user to enter the URL of the RSS feed. A red arrow points from the text box in the adjacent callout to the input field in the dialog box.

Nueva fuente RSS

Escriba la ubicación de la fuente RSS que desea agregar a Outlook:

Ejemplo: <http://www.example.com/feed/main.xml>

Agregar Cancelar

- 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](http://www.horizonteeuropa.es) (5/6)

The screenshot shows the Feedly website interface. On the left, there is a sidebar with a '+' icon at the bottom. The main content area features a search bar with the text 'Discover the best feeds for any topic' and a dropdown menu set to 'Español'. Below the search bar, there is an 'EXPLORE' section with a grid of topic cards including #tecnología, #moda, #videojuegos, #gastronomía, #decoración, #diseño, #cine, #turismo, #marketing, and #ciencia. A red arrow points from the '+' icon in the sidebar to a red-bordered box containing text. Another red arrow points from the search bar to another red-bordered box containing text.

- Pinchar en este símbolo +

- 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)

[Feedly](https://www.feedly.com/)

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

The screenshot shows a Feedly interface for the 'Energía' channel. On the left is a sidebar with navigation options like 'Today', 'Read Later', and 'Manage Leo'. The main content area displays a list of articles:

- UPGRADE** (orange banner)
- Energía** (channel name, 32 followers / 1 article per week)
- YESTERDAY**
  - HORIZONTE EUROPA** logo
  - Jornada Pacto Verde: financiación europea para la transición ecológica** (EVENTO)
  - by Horizonte Europa / 20h
- MAR 14**
  - Clean Hydrogen Partnership** logo
  - Infoday Partenariado Hidrogeno Limpio** (EVENTO)
  - by Horizonte Europa / 25d
- MAR 10**
  - HORIZONTE EUROPA** logo
  - Jornada online Horizonte Europa "Clean Hydrogen Partnership"** (EVENTO)
  - by Horizonte Europa / 20d
- END OF FEED**
- MARK ALL AS READ** button
- Reviewed 3 articles

The word **Feedly** is written in blue text on the right side of the screenshot.

# Nuevas listas de distribución de CDTI

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## 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](#)