



## APPELS A PROJETS HORIZON EUROPE

### Climat/Energie

#### Appels à venir en 2024

« Climate sciences and responses » (1)

Topic(s)	Title	Budget disponible (€)	Action(s)	Ouverture	Clôture
<a href="#">HORIZON-CL5-2024-D1-01-01</a>	Enhanced quantification and understanding of natural and anthropogenic methane emissions and sinks	15 000 000	HORIZON Research and Innovation Actions	12/09/2023	05/03/2024
<a href="#">HORIZON-CL5-2024-D1-01-02</a>	Inland ice, including snow cover, glaciers, ice sheets and permafrost, and their interaction with climate change	22 000 000	HORIZON Research and Innovation Actions	12/09/2023	05/03/2024
<a href="#">HORIZON-CL5-2024-D1-01-03</a>	Paleoclimate science for a better understanding of the short- to long-term evolution of the Earth system	15 000 000	HORIZON Research and Innovation Actions	12/09/2023	05/03/2024
<a href="#">HORIZON-CL5-2024-D1-01-04</a>	Improved toolbox for evaluating the climate and environmental impacts of trade policies	12 000 000	HORIZON Research and Innovation Actions	12/09/2023	05/03/2024
<a href="#">HORIZON-CL5-2024-D1-01-05</a>	Next generation low-emission, climate-resilient pathways and NDCs for a future aligned with the Paris Agreement	14 000 000	HORIZON Research and Innovation Actions	12/09/2023	05/03/2024

« Climate sciences and responses » (2)

Topic(s)	Title	Budget disponible (€)	Action(s)	Ouverture	Clôture
<a href="#">HORIZON-CL5-2024-D1-01-06</a>	The role of climate change foresight for primary and secondary raw materials supply	5 000 000	HORIZON Research and Innovation Actions	12/09/2023	05/03/2024
<a href="#">HORIZON-CL5-2024-D1-01-07</a>	Quantification of the role of key terrestrial ecosystems in the carbon cycle and related climate effects	20 000 000	HORIZON Research and Innovation Actions	12/09/2023	05/03/2024

« Cross-sectoral solutions for the climate transition » (1)

Topic(s)	Title	Budget disponible (€)	Action(s)	Ouverture	Clôture
<a href="#">HORIZON-CL5-2024-D2-01-01</a>	Advanced sustainable and safe pre-processing technologies for End-of-Life (EoL) battery recycling (Batt4EU Partnership)	16 000 000	HORIZON Research and Innovation Actions	07/12/2023	18/04/2024
<a href="#">HORIZON-CL5-2024-D2-01-02</a>	Non-Li Sustainable Batteries with European Supply Chains for Stationary Storage (Batt4EU Partnership)	21 000 000	HORIZON Innovation Actions	07/12/2023	18/04/2024
<a href="#">HORIZON-CL5-2024-D2-01-03</a>	Development of technical and business solutions to optimise the circularity, resilience, and sustainability of the European battery value chain (Batt4EU Partnership)	5 000 000	HORIZON Research and Innovation Actions	07/12/2023	18/04/2024
<a href="#">HORIZON-CL5-2024-D2-01-04</a>	Emerging energy technologies for a climate neutral Europe	10 000 000	HORIZON Research and Innovation Actions	07/12/2023	18/04/2024

« Cross-sectoral solutions for the climate transition » (2)

Topic(s)	Title	Budget disponible (€)	Action(s)	Ouverture	Clôture
<a href="#">HORIZON-CL5-2024-D2-01-05</a>	Furthering the development of a materials acceleration platform for sustainable batteries (combining AI, big data, autonomous synthesis robotics, high throughput testing) (Batt4EU Partnership)	20 000 000	HORIZON Research and Innovation Actions	07/12/2023	18/04/2024
<a href="#">HORIZON-CL5-2024-D2-02-01</a>	Sustainable high-throughput production processes for stable lithium metal anodes for next generation batteries (Batt4EU Partnership)	8 000 000	HORIZON Innovation Actions	07/05/2024	05/09/2024
<a href="#">HORIZON-CL5-2024-D2-02-02</a>	Post-Li-ion technologies and relevant manufacturing techniques for mobility applications (Generation 5) (Batt4EU Partnership)	15 000 000	HORIZON Research and Innovation Actions	07/05/2024	05/09/2024
<a href="#">HORIZON-CL5-2024-D2-02-03</a>	Size & weight reduction of cell and packaging of batteries system, integrating lightweight and functional materials, innovative thermal management and safe and sustainable by design approach (Batt4EU Partnership)	16 000 000	HORIZON Innovation Actions	07/05/2024	05/09/2024

« Sustainable, secure and competitive energy supply » (1)

Topic(s)	Title	Budget disponible (€)	Action(s)	Ouverture	Clôture
<a href="#">HORIZON-CL5-2024-D3-02-01</a>	Digital tools for CSP and solar thermal plants	6 000 000	HORIZON Innovation Actions	17/09/2024	21/01/2025
<a href="#">HORIZON-CL5-2024-D3-02-02</a>	Development of next generation synthetic renewable fuel technologies	12 000 000	HORIZON Research and Innovation Actions	17/09/2024	21/01/2025

« Sustainable, secure and competitive energy supply » (2)

Topic(s)	Title	Budget disponible (€)	Action(s)	Ouverture	Clôture
<a href="#">HORIZON-CL5-2024-D3-02-03</a>	Development of smart concepts of integrated energy driven bio-refineries for co-production of advanced biofuels, bio-chemicals and biomaterials	7 000 000	HORIZON Research and Innovation Actions	17/09/2024	21/01/2025
<a href="#">HORIZON-CL5-2024-D3-02-04</a>	Critical technologies for the future ocean energy farms	8 000 000	HORIZON Research and Innovation Actions	17/09/2024	21/01/2025
<a href="#">HORIZON-CL5-2024-D3-02-05</a>	PV-integrated electric mobility applications	14 000 000	HORIZON Innovation Actions	17/09/2024	21/01/2025
<a href="#">HORIZON-CL5-2024-D3-02-06</a>	Innovative, Community-Integrated PV systems	10 000 000	HORIZON Innovation Actions	17/09/2024	21/01/2025
<a href="#">HORIZON-CL5-2024-D3-02-07</a>	Resource Efficiency of PV in Production, Use and Disposal	3 000 000	HORIZON Coordination and Support Actions	17/09/2024	21/01/2025
<a href="#">HORIZON-CL5-2024-D3-02-08</a>	Minimisation of environmental, and optimisation of socio-economic impacts in the deployment, operation and decommissioning of offshore wind farms	10 000 000	HORIZON Research and Innovation Actions	17/09/2024	21/01/2025
<a href="#">HORIZON-CL5-2024-D3-02-09</a>	Demonstrations of innovative floating wind concepts	30 000 000	HORIZON Innovation Actions	17/09/2024	21/01/2025
<a href="#">HORIZON-CL5-2024-D3-02-10</a>	Market Uptake Measures of renewable energy systems	8 000 000	HORIZON Coordination and Support Actions	17/09/2024	21/01/2025



« Sustainable, secure and competitive energy supply » (3)

Topic(s)	Title	Budget disponible (€)	Action(s)	Ouverture	Clôture
<a href="#">HORIZON-CL5-2024-D3-02-11</a>	CCU for the production of fuels	15 000 000	HORIZON Innovation Actions	17/09/2024	21/01/2025
<a href="#">HORIZON-CL5-2024-D3-02-12</a>	DACCS and BECCS for CO2 removal/negative emissions	15 000 000	HORIZON Innovation Actions	17/09/2024	21/01/2025

« Efficient, sustainable and inclusive energy use » (1)

Topic(s)	Title	Budget disponible (€)	Action(s)	Ouverture	Clôture
<a href="#">HORIZON-CL5-2024-D4-01-01</a>	Low-disruptive renovation processes using integration of prefabricated solutions for energy-efficient buildings	10 000 000	HORIZON Innovation Actions	07/12/2023	18/04/2024
<a href="#">HORIZON-CL5-2024-D4-01-02</a>	Smart grid-ready buildings	10 000 000	HORIZON Innovation Actions	07/12/2023	18/04/2024
<a href="#">HORIZON-CL5-2024-D4-01-03</a>	Alternative heating systems for efficient, flexible and electrified heat generation in industry	16 000 000	HORIZON Innovation Actions	07/12/2023	18/04/2024
<a href="#">HORIZON-CL5-2024-D4-02-01</a>	Industrialisation of sustainable and circular deep renovation workflows (Built4People Partnership)	16 000 000	HORIZON Innovation Actions	17/09/2024	21/01/2025
<a href="#">HORIZON-CL5-2024-D4-02-02</a>	Robotics and other automated solutions for construction, renovation and maintenance in a sustainable built environment (Built4People Partnership)	8 000 000	HORIZON Research and Innovation Actions	17/09/2024	21/01/2025
<a href="#">HORIZON-CL5-2024-D4-02-03</a>	BIM-based processes and digital twins for facilitating and optimising circular energy renovation (Built4People Partnership)	8 000 000	HORIZON Innovation Actions	17/09/2024	21/01/2025



« Efficient, sustainable and inclusive energy use » (2)

Topic(s)	Title	Budget disponible (€)	Action(s)	Ouverture	Clôture
<a href="#">HORIZON-CL5-2024-D4-02-04</a>	Design for adaptability, re-use and deconstruction of buildings, in line with the principles of circular economy (Built4People Partnership)	8 000 000	HORIZON Research and Innovation Actions	17/09/2024	21/01/2025
<a href="#">HORIZON-CL5-2024-D4-02-05</a>	Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership)	10 000 000	HORIZON Innovation Actions	17/09/2024	21/01/2025