

**Appels à propositions dans le cadre du programme européen pour la recherche et l'innovation
« HORIZON EUROPE »**

Climat, Mobilité, Energie

Destination - Sciences climatiques et réponses pour la transformation vers une neutralité climatique

Titre	Type	Budget (M€)	Date d'ouverture	Date limite
HORIZON-CL5-2025-06-D1-01: Climate simulations data and knowledge for optimal support of IPCC Assessments and International Policy	RIA	30 M€	06/05/2025	24/09/2025
HORIZON-CL5-2025-06-D1-02: Advancing Earth System Models to increase understanding of Earth system change	RIA	15 M€		
HORIZON-CL5-2025-06-D1-03: Modelling of mitigation pathways for F-gases	RIA	7,5 M€		
HORIZON-CL5-2025-06-D1-04: The attribution to climate change, and improved forecasting of extreme and slow-onset climate- and weather-related events and their impacts	RIA	12 M€		
HORIZON-CL5-2025-06-D1-06: Fostering equity and justice in climate policies – Societal Readiness Pilot	RIA	15 M€		
HORIZON-CL5-2025-06-D1-07: Implementing the climate action pillar of the EU-African Union Partnership on Climate Change and Sustainable Energy	CSA	4 M€	06/05/2025	04/09/2025
HORIZON-CL5-2025-05-Two-Stage-D1-05: Adaptation to Climate Change: Effectiveness and Limits	RIA	18 M€		

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Climat, Mobilité, Energie

Destination - Solutions transsectorielles pour la transition climatique

Titre	Type	Budget (M€)	Date d'ouverture	Date limite
HORIZON-CL5-2026-01-D2-01: Development of sustainable and design-to-cost batteries with (energy-)efficient manufacturing processes and based on advanced and safer materials (Batt4EU Partnership)	IA	24 M€	16-sept-25	20-janv-26
HORIZON-CL5-2025-01-Two-Stage-D2-02: Cost-effective next-generation batteries for long-duration stationary storage (Batt4EU Partnership)	RIA	15 M€	06-mai-25	02-sept-25
HORIZON-CL5-2025-02-D2-03: Sustainable processing and refining of raw materials to produce battery grade Li-ion battery materials (Batt4EU Partnership)	IA	20 M€		
HORIZON-CL5-2026-01-D2-04: Integrating advanced materials, cell design and manufacturing development for high performance batteries aimed at mobility (Batt4EU Partnership)	RIA	30 M€	16-sept-25	20-janv-26
HORIZON-CL5-2026-01-D2-05: Accelerated multi-physical and virtual testing for battery aging, reliability, and safety evaluation (Batt4EU Partnership)	IA	15 M€		
HORIZON-CL5-2025-02-D2-06: Fostering the European battery ecosystem by providing accurate and up-to-date information and stimulating excellence in the European battery R&I community (Batt4EU Partnership)	CSA	3 M€	06/05/2025	02/09/2025
HORIZON-CL5-2025-06-D2-07: Driving Urban Transitions to a sustainable future (DUT) Co-Funded Partnership	COFUND	56 M€	06-mai-25	24-sept-25
HORIZON-CL5-2025-02-D2-08: Coordinated call with India on waste to renewable hydrogen	RIA	10 M€	06-mai-25	02-sept-25
HORIZON-CL5-2026-01-D2-09: Monitoring and Evaluation of the Societal Readiness Pilot	CSA	1,50 M€	16-sept-25	20-janv-25
HORIZON-CL5-2025-02-D2-10: Clean Energy Transition Co-Funded Partnership	COFUND	69 M€	06-mai-25	02/09/2025
HORIZON-CL5-2025-02-D2-11: Support to the SET Plan community	CSA	7,5 M€		
HORIZON-CL5-2025-02-D2-12: NZIA regulatory sandbox exchange forum support	CSA	1,5 M€		

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Destination - Offre d'énergie durable, sûre et compétitive

Titre	Type	Budget (M€)	Date d'ouverture	Date limite
HORIZON-CL5-2026-02-D3-01: Large-scale production of liquid advanced biofuels and renewable fuels of non-biological origin	IA	33 M€	16-sept-25	17-févr-26
HORIZON-CL5-2026-02-D3-02: Competitiveness, energy security and integration aspects of advanced biofuels and renewable fuels of non-biological origin value chains	RIA	8 M€		
HORIZON-CL5-2025-02-D3-03: Novel approaches to geothermal resources development	IA	20 M€	06-mai-25	02-sept-25
HORIZON-CL5-2025-02-D3-04: Development of hydropower technologies and water management schemes allowing for win-win situation of flexible hydropower and biodiversity improvement – Societal Readiness Pilot	RIA	12 M€		
HORIZON-CL5-2026-02-D3-05: Demonstration of thermal energy storage solutions for solar thermal plants and systems	IA	15 M€	16-sept-25	17-févr-26
HORIZON-CL5-2025-02-D3-06: Innovative manufacturing of wind energy technologies	IA	28 M€	06-mai-25	02-sept-25
HORIZON-CL5-2026-02-D3-07: Improved reliability and optimised operations and maintenance for wind energy systems	RIA	15 M€	16-sept-25	17-févr-26
HORIZON-CL5-2026-02-D3-08: Understand and minimise the environmental impacts of offshore wind energy	RIA	15 M€		
HORIZON-CL5-2025-02-D3-09: Optimised/Alternative Silicon Growth Technologies (from either liquid or gaseous phase) for PV Applications (EUPI-PV Partnership)	IA	18 M€	06-mai-25	02-sept-25
HORIZON-CL5-2026-02-D3-10: Towards commercialisation of Perovskite PV and development of dedicated manufacturing equipment (EUPI-PV Partnership)	IA	24 M€	16-sept-25	17-févr-26
HORIZON-CL5-2025-02-D3-11: Novel inverter technologies and flexibility in PV systems (EUPI-PV Partnership)	IA	18 M€	06-mai-25	02-sept-25

HORIZON-CL5-2026-02-D3-12: Extending the lifetime of crystalline silicon PV modules (EUPI-PV Partnership)	RIA	8 M€	16-sept-25	17-févr-26
HORIZON-CL5-2026-02-D3-13: De-risking wave energy technology development through transnational pre-commercial procurement of wave energy research and development	PCP	20 M€		
HORIZON-CL5-2026-02-D3-14: Development of innovative solutions strengthening the security of renewable energy value chains	CSA	6 M€		
HORIZON-CL5-2025-02-D3-15: Building a Long-Term Africa Union (AU) and European Union (EU) Research and Innovation joint collaboration on Sustainable Renewable Energies	CSA	4 M€	06-mai-25	02-sept-25
HORIZON-CL5-2025-02-D3-16: Support to the BRIDGE initiative	CSA	1 M€		
HORIZON-CL5-2025-02-D3-17: Control and operation tools for a RES-based energy system	IA	20 M€		
HORIZON-CL5-2026-02-D3-18: Next generation distribution substation for increasing the system resilience	IA	18 M€	16-sept-25	17-févr-26
HORIZON-CL5-2026-02-D3-19: Innovative solutions for a generative AI-powered digital spine of the EU energy system	IA	16 M€		
HORIZON-CL5-2026-02-D3-20: Innovative tools and services to manage and empower energy communities	IA	20 M€		
HORIZON-CL5-2025-02-D3-21: Cross-regional network and market model for optimisation of long duration storage	IA	14 M€	06-mai-25	02-sept-25
HORIZON-CL5-2026-02-D3-22: Underground Thermal Energy Storage in dense urban areas	IA	18 M€	16-sept-25	17-févr-26
HORIZON-CL5-2025-01-Two-Stage-D3-23: Critical elements for energy security of grid and storage technologies	RIA	3 M€	06-mai-25	02-sept-25
HORIZON-CL5-2026-02-D3-24: New CO2 capture technologies	RIA	18 M€	16-sept-25	17-févr-26
HORIZON-CL5-2025-02-D3-25: Effects of CO2-stream impurities on CO2 transport and storage	RIA	10 M€	06-mai-25	02-sept-25
HORIZON-CL5-2025-02-D3-26: European investment atlas of potential CO2 storage sites	RIA	5 M€		
HORIZON-CL5-2025-02-D3-27: Using captured CO2 as a resource to replace fossil hydrocarbons in industrial production	IA	14 M€		

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Climat, Mobilité, Energie

Destination - Utilisation de l'énergie efficiente, durable et inclusive

Titre	Type	Budget (M€)	Date d'ouverture	Date limite
HORIZON-CL5-2026-02-D4-01: On-site innovative robotic and automated solutions and techniques for more sustainable and less disruptive building renovation and construction	RIA	15 M€	16-sept-25	17-févr-25
HORIZON-CL5-2026-02-D4-02: Smarter buildings as part of the energy system for increased efficiency and flexibility – Societal Readiness Pilot	IA	12 M€		
HORIZON-CL5-2026-02-D4-03: Innovative pathways for low carbon and climate resilient building stock and built environment (Built4People Partnership)	RIA	15 M€		
HORIZON-CL5-2026-02-D4-04: Innovative approaches for the deployment of Positive Energy Districts	IA	15 M€		
HORIZON-CL5-2026-02-D4-05: Optimal combination of low embodied carbon construction products, technical building systems and circularity principles for climate neutral buildings (Built4People Partnership)	RIA	12 M€		
HORIZON-CL5-2026-02-D4-06: Phase out fossil fuel in energy intensive industries through the efficient integration of renewable energy sources	IA	15 M€		



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Climat, Mobilité, Energie

Destination - Solutions propres et compétitives pour tous les modes de transport

Titre	Type	Budget (M€)	Date d'ouverture	Date limite
HORIZON-CL5-2025-04-D5-01: Efficient wireless stationary bidirectional charging solutions for road Light Duty Vehicles (2ZERO Partnership) – Societal Readiness Pilot	IA	20 M€	06-mai-25	04-sept-25
HORIZON-CL5-2025-04-D5-02: Cybersecure and resilient road e-mobility ecosystem (2ZERO Partnership)	IA	10 M€		
HORIZON-CL5-2025-04-D5-03: Safe post-crash management of road Light Duty Battery Electric Vehicles (BEVs) (2ZERO Partnership)	IA	5 M€		
HORIZON-CL5-2025-04-D5-04: Extended lifetime of road Battery Electric Vehicles (BEV) (2ZERO Partnership)	RIA	7 M€		
HORIZON-CL5-2025-04-D5-05: Road Battery Electric Vehicles (BEV) optimised user centric solutions for energy efficiency design and consistent range throughout weather conditions (2ZERO Partnership)	IA	12 M€		
HORIZON-CL5-2025-04-D5-06: Strategies, tools and concepts for optimised road Battery Electric Vehicles (BEV) long-haul logistics use cases (2ZERO Partnership)	IA	5 M€		
HORIZON-CL5-2025-04-D5-07: Accelerating the circular transformation of the EU automotive industry	CSA	2 M€		
HORIZON-CL5-2025-04-D5-08: Next generation testing capabilities in strategic EU wind tunnels	RIA	15 M€		
HORIZON-CL5-2025-03-Two-Stage-D5-09: Next generation aircraft autonomy technologies for cockpit / pilot assistance applications	RIA	9 M€		
HORIZON-CL5-2025-04-D5-10: Innovative solutions for energy conversion and safety of low and zero-carbon fuels in waterborne transport (ZEWT Partnership)	IA	22,5 M€		
HORIZON-CL5-2025-04-D5-11: Demonstration of battery energy storage systems in existing and new vessels via novel energy storage and ship design concepts (ZEWT Partnership)	IA	15 M€		
HORIZON-CL5-2025-04-D5-12: Real-time, adaptative and innovative energy management solutions to optimise fuel consumption and lower emissions pollutants in waterborne transport (ZEWT Partnership)	RIA	4 M€		

HORIZON-CL5-2025-04-D5-13: Novel holistic intelligent tools for variable retrofit and decarbonised scenarios (ZEWT Partnership)	IA	4 M€		
HORIZON-CL5-2025-04-D5-14: Flexible and mobile solutions for Onshore Power Supply (ZEWT Partnership)	IA	5 M€		
HORIZON-CL5-2025-04-D5-15: Optimal integrated onboard renewable energy solutions, by considering Wind-Assisted Propulsion Systems (ZEWT Partnership)	IA	7,5 M€		
HORIZON-CL5-2025-04-D5-16: Support of the new EU renewable and low carbon fuel ecosystem for waterborne transport	CSA	2 M€		
HORIZON-CL5-2026-01-D5-17: Real time monitoring of regulated and non-regulated emissions from all types of vessels and other port activities in order to enforce emission limits in waterfront cities	IA	16 M€	16-sept-25	17-févr-26
HORIZON-CL5-2025-04-D5-18: Support to the organisation and dissemination of the Transport Research Arena (TRA) conference	CSA	1,6 M€	06-mai-25	04-sept-25
HORIZON-CL5-2025-04-D5-19: Knowledge sharing and dissemination to support road transport R&I in EU and around the world increasing global EU competitiveness	CSA	2 M€		

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Destination - Transport résilient et sûr et services de mobilité intelligente pour les passagers et les biens

Titre	Type	Budget (M€)	Date d'ouverture	Date limite
HORIZON-CL5-2025-04-D6-01: Advancing remote operations to enable the sustainable and smart mobility of people and goods based on operational and societal needs (CCAM Partnership) – Societal Readiness Pilot	RIA	12 M€	06-mai-25	04-sept-25
HORIZON-CL5-2025-04-D6-02: Preparing for large-scale CCAM demonstrations (CCAM Partnership) – Societal Readiness Pilot	CSA	4,5 M€		
HORIZON-CL5-2026-01-D6-03: Next-generation environment perception for real world CCAM operations: Error-free and secure technologies to improve energy-efficiency, costeffectiveness, and circularity (CCAM Partnership)	RIA	8 M€	16-sept-25	20-janv-26
HORIZON-CL5-2026-01-D6-04: Integration of human driving behaviour in the validation of CCAM systems (CCAM Partnership)	RIA	5 M€		
HORIZON-CL5-2026-01-D6-05: Approaches, verification and training for Edge-AI building blocks for CCAM Systems (CCAM Partnership)	RIA	4 M€		
HORIZON-CL5-2026-01-D6-06: Federated CCAM data exchange platform (CCAM Partnership)	IA	4 M€		
HORIZON-CL5-2026-01-D6-07: Innovative construction and maintenance, with the use of new materials and techniques, for resilient and sustainable transportinfrastructure	IA	22 M€		
HORIZON-CL5-2026-01-D6-08: Accelerating freight transport and logistics digital innovation	IA	15 M€		
HORIZON-CL5-2026-01-D6-09: Reliable data and practices to measure and calculate transport emissions in multimodal transport chains	CSA	3,5 M€		
HORIZON-CL5-2026-01-D6-10: Integrating inland waterway transport in smart shipping and multimodal logistics chains	IA	16 M€		
HORIZON-CL5-2025-04-D6-11: Innovative air mobility and services for sustainable and smart urban, peri-urban transport – Societal Readiness pilot	RIA	10 M€	06-mai-25	04-sept-25

HORIZON-CL5-2025-04-D6-12: Safe Human-Technology Interaction (HTI) in the vehicle systems of the coming decade – Societal Readiness Pilot	IA	8 M€	00-mar-25	04-sept-25
HORIZON-CL5-2026-01-D6-13: Safety of Cyclists, Pedestrians and Users of Micromobility Devices	RIA	10 M€	16-sept-25	20-janv-26
HORIZON-CL5-2026-01-D6-14: Predicting and avoiding road crashes based on Artificial Intelligence (AI) and big data	RIA	10 M€		
HORIZON-CL5-2026-01-D6-15: Icing in the context of sustainable aviation	RIA	4 M€		

