

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-CL5-2026-07-D1-01: Next generation climate monitoring and related capabilities	RIA	15 M€	18-déc-25	15-avr-26
HORIZON-CL5-2026-07-D1-02: Advancing European climate risk assessments	RIA	15 M€		
HORIZON-CL5-2026-07-D1-03: Economics of climate change and cost of inaction	RIA	16 M€		
HORIZON-CL5-2026-07-D1-04: Fighting disinformation and effectively communicating on climate change	RIA	15 M€		
HORIZON-CL5-2026-07-D1-05: Improving climate and weather models for Africa	RIA	21 M€		
HORIZON-CL5-2026-08-Two-Stage-D1-06: Closing knowledge gaps on Earth system science in support of global and regional assessments and climate policy	RIA	45 M€	18-déc-25	15 avril 2026 puis 8 octobre 2026
HORIZON-CL5-2027-01-D1-07: Advancing understanding, modelling and prediction of extreme events in a changing climate	RIA	18 M€	15-nov-26	04-mars-27
HORIZON-CL5-2027-01-D1-08: Palaeoclimate science for a better understanding of Earth system dynamics	RIA	14 M€		
HORIZON-CL5-2027-01-D1-09: Assessing the performance of policy instruments to inform climate change mitigation action	RIA	9 M€		
HORIZON-CL5-2027-01-D1-10: Understanding and avoiding maladaptation to climate change	RIA	18 M€		
HORIZON-CL5-2027-01-D1-11: Africa-EU CO-FUND action on climate	COFUND	15 M€		
HORIZON-CL5-2027-01-D1-12: Better understanding and attribution of land and ocean carbon sources and sinks	RIA	25 M€		
HORIZON-CL5-2027-01-D1-13: Next generation scenarios for informing climate and sustainability transitions	RIA	24 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-CL5-2026-09-D2-01: Producing battery-grade materials for electrodes through sustainable processing and refining of raw materials or developing bio-based materials (BATT4EU Partnership)	RIA	28, 30 M€	05-mai-26	15-sept-26
HORIZON-CL5-2026-03-D2-02: Development of direct recycling processes (BATT4EU Partnership)	RIA	14,20 M€	18-déc-25	31-mars-26
HORIZON-CL5-2026-10-D2-03: Integrated Production and Product Development for Next-Generation Lithium-based Batteries for Mobility (BATT4EU and Made in Europe Partnerships)	IA	100 M€	04-juin-26	08-oct-26
HORIZON-CL5-2026-09-D2-04: Coordinated topic with India on recycling of EV batteries	IA	9,40 M€	05-mai-26	15-sept-26
HORIZON-CL5-2027-02-D2-05: Improvement of Adaptability, Flexibility and Efficiency of Existing Recycling Processes (BATT4EU Partnership)	IA	18,80 M€	03-déc-26	31-mars-27
HORIZON-CL5-2027-02-D2-06: Sustainable and Competitive Cell Production Techniques for Lithium-ion And Sodium-ion Batteries (BATT4EU Partnership)	IA	37,80 M€		
HORIZON-CL5-2027-04-Two-Stage-D2-07: Novel approaches towards next-generation battery concepts, leveraging the enabling role of innovative advanced materials (BATT4EU and IAM4EU Partnerships)	RIA	48 M€	15-déc-26	14 avril 2027 puis 7 octobre 2027
HORIZON-CL5-2027-05-D2-08: Demonstration for Long-duration Battery Energy Storage Systems (BATT4EU Partnership)	IA	18,80 M€	05-mai-27	15-sept-27

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Climat, Mobilité, Energie

Destination - Offre d'énergie durable, sûre et compétitive

Titre	Type	Budget (M€)	Date d'ouverture	Date limite
HORIZON-CL5-2026-03-D3-01: Targeting key value chain components for increasing the competitiveness of renewable energy technologies in Europe	RIA	9 M€	18-déc-25	31-mars-26
HORIZON-CL5-2026-04-Two-Stage-D3-02: Next generation of renewable energy technologies	RIA	23,50 M€	18-déc-25	31 mars 2026 puis 20 octobre 2026
HORIZON-CL5-2026-09-D3-03: Innovative technologies and solutions to improve wind energy systems supporting the Strategic Energy Technology (SET) Plan on wind	IA	93 M€	05-mai-26	15-sept-26
HORIZON-CL5-2026-11-D3-04: De-risking renewable fuel technologies through transnational pre-commercial procurement of renewable fuel industrial value chains	PCP	40 M€	04-août-26	01-déc-26
HORIZON-CL5-2026-11-D3-05: Demonstration of solid biofuel supply and conversion to high efficiency CHP from fully sustainable regional value chains	IA	13,50 M€		
HORIZON-CL5-2026-11-D3-06: Resource assessment for deep sedimentary and basement reservoirs	RIA	18 M€		
HORIZON-CL5-2027-02-D3-07: Concentrated solar thermal systems for decarbonising industrial processes	IA	12 M€	03-déc-26	31-mars-27
HORIZON-CL5-2027-02-D3-08: Co-funding Strategic Energy Technology (SET) Plan renewable fuel value chains at EU, national, regional, and local level	COFUND	30 M€		
HORIZON-CL5-2027-02-D3-09: Innovative technologies and solutions to improve wave and tidal energy systems	IA	43 M€		
HORIZON-CL5-2027-02-D3-10: Renewable Energy Valleys in Africa to increase energy security and energy access in Africa	IA	9 M€		
HORIZON-CL5-2027-07-D3-11: Demonstration of hydropower technologies for efficient and forward-looking refurbishment of existing hydropower plants	IA	17 M€	04-août-27	01-déc-27
HORIZON-CL5-2026-03-D3-12: Long-lifetime and optimised use of materials in recyclable Ag and In-free Si PV modules (EUPI-PV Partnership)	RIA	15 M€	18-déc-25	31-mars-26

HORIZON-CL5-2026-03-D3-13: Industrial scale up and circularity pathway for IPV technologies (EUPI-PV Partnership)	IA	31,50 M€	18-déc-25	31-mars-26
HORIZON-CL5-2026-11-D3-14: Improved system design for innovative PV applications (EUPI-PV Partnership)	IA	30 M€	04-août-26	01-déc-26
HORIZON-CL5-2027-02-D3-15: Production technologies for solar photovoltaics beyond the state-of-the-art (EUPI-PV Partnership)	IA	36 M€	03-déc-26	31-mars-27
HORIZON-CL5-2027-07-D3-16: Industrial processes and equipment for innovative, reliable and scalable tandem technologies (EUPI-PV Partnership)	IA	28,50 M€	04-août-27	01-déc-27
HORIZON-CL5-2027-07-D3-17: PV based electrification of the economy: Designing & optimising PV systems supporting industrial electrification and promoting participation in electricity markets (EUPI-PV Partnership)	IA	18 M€		
HORIZON-CL5-2026-03-D3-18: Grid-forming capabilities for more resilient and RESbased electricity grids	IA	20 M€	18-déc-25	31-mars-26
HORIZON-CL5-2026-03-D3-19: Affordable and sustainable primary equipment for Future-Ready multi-terminal HVDC Systems	IA	24 M€		
HORIZON-CL5-2026-03-D3-20: Hybrid AI-Control Framework for a next-generation grid-scale energy storage and system integration	IA	14 M€		
HORIZON-CL5-2026-03-D3-21: Novel solutions for off-grid storage of renewable energy for critical infrastructures	RIA	12 M€		
HORIZON-CL5-2026-03-D3-22: AI-driven forecasting algorithms for Grid and Consumer friendly Energy Sharing – Societal Readiness pilot	IA	12 M€	04-août-26	01-déc-26
HORIZON-CL5-2026-11-D3-23: Data sharing to support the training and development of AI foundation models in the energy sector	IA	30 M€		
HORIZON-CL5-2027-02-D3-24: Large scale operational validation and upscaling of state-of-the-art (Generative) AI tools and models powering a next generation digital energy system	IA	20 M€	03-déc-26	31-mars-27
HORIZON-CL5-2027-07-D3-25: Advanced TSO control rooms to enhance grid observability, stability and resilience	IA	28,50 M€	04-août-27	01-déc-27
HORIZON-CL5-2027-07-D3-26: Advanced Distribution Management Systems (ADSM) for more efficient and flexible distribution grids	IA	28,50 M€		
HORIZON-CL5-2027-07-D3-27: Integrated Approaches for Retrofitting Infrastructures with Innovative Energy Storage Technologies	IA	22,50 M€		

HORIZON-CL5-2027-07-D3-28: Community of practice - Data-Driven Decision-Making in Energy	CSA	6 M€		
HORIZON-CL5-2026-03-D3-29: Pre-commercial appraisal for CO2 aquifer storage	IA	25 M€	18-déc-25	31-mars-26
HORIZON-CL5-2027-02-D3-30: Advancements in Direct Air Capture	IA	16 M€	03-déc-26	31-mars-27
HORIZON-CL5-2027-02-D3-31: Support to the implementation of an EU policy framework for CO2 transport and storage infrastructure	CSA	5 M€		
HORIZON-CL5-2027-07-D3-32: Delivery of industrial CCUS clusters – Societal Readiness pilot	IA	30 M€	04-août-27	01-déc-27



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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-CL5-2026-09-D4-01: Researching the technical, social & economic factors impacting the energy performance of Smart Buildings (Built4People Partnership)	RIA	15,75 M€	05-mai-26	15-sept-26
HORIZON-CL5-2026-09-D4-02: Low disturbance prefabrication approaches for deep renovation of multi-storey buildings (Built4People Partnership)	IA	28 M€		
HORIZON-CL5-2026-09-D4-03: Advanced data platforms to integrate whole life carbon in building information tools, assessments, and certification (Built4People Partnership)	IA	15,75 M€		
HORIZON-CL5-2026-09-D4-04: Validating policies and business models for affordable and sustainable housing (Built4People Partnership)	RIA	15 M€		
HORIZON-CL5-2027-05-D4-05: On-site robotic and automated techniques for building renovation and new construction	IA	20,25 M€	05-mai-27	15-sept-27
HORIZON-CL5-2027-05-D4-06: Thermal energy optimisation and waste heat recovery of high energy demand IT rooms in buildings or small edge data centres	IA	15,75 M€		
HORIZON-CL5-2027-05-D4-07: Integrating circularity in LCA-based modelling frameworks for renovation of buildings (Built4People Partnership)	IA	27 M€		
HORIZON-CL5-2026-09-D4-08: Full-scale demonstration of heat upgrade solutions in industrial processes	IA	18 M€	05-mai-26	15-sept-26
HORIZON-CL5-2027-05-D4-09: Demonstration of industrial excess/waste heat conversion to mechanical or electrical power	IA	13,50 M€	05-mai-27	15-sept-27

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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-CL5-2026-05-D5-01: Large-scale demonstration of Heavy-Duty Battery Electric Vehicles (HD BEV) towards long-haul logistics operations (2ZERO Partnership)	IA	68 M€	18-déc-25	14-avr-26
HORIZON-CL5-2026-05-D5-02: Energy-efficient software-defined EVs (2ZERO Partnership)	IA	16 M€		
HORIZON-CL5-2027-03-D5-03: Data-driven circular economy for e-mobility ecosystem (2ZERO Partnership)	IA	24 M€	15-déc-26	14-avr-27
HORIZON-CL5-2027-03-D5-04: Demonstration of zero emission coaches and buses in long distance operations (2ZERO Partnership)	IA	13,50 M€		
HORIZON-CL5-2027-03-D5-05: Higher Voltage, Megawatt Charging System compatible, modular powertrain for Heavy Duty Vehicles (HDV) (2ZERO Partnership)	IA	16 M€		
HORIZON-CL5-2027-03-D5-06: Fire prevention and mitigation for EVs in confined areas (2ZERO Partnership)	IA	8 M€		
HORIZON-CL5-2026-05-D5-07: AI-assisted digital aircraft design, manufacturing and MRO, towards a competitive aviation	RIA	10 M€	18-déc-25	14-avr-26
HORIZON-CL5-2027-03-D5-08: Sustainable aircraft circular design and additive manufacturing, towards a climate neutral aviation	RIA	5 M€	15-déc-26	14-avr-27
HORIZON-CL5-2027-04-Two-Stage-D5-09: Noise reduction breakthroughs for new ultraefficient aircraft	RIA	5 M€	15-déc-26	14 avril 2027 puis 7 octobre 2027
HORIZON-CL5-2026-06-Two-Stage-D5-10: Disruptive Technologies and Innovative Concepts for Energy Saving Onboard of long-distance ships (ZEWTP Partnership)	RIA	15 M€	18-déc-25	14 avril 2026 puis 8 octobre 2026
HORIZON-CL5-2026-05-D5-11: Ports of the future (ZEWTP Partnership)	IA	21 M€		
HORIZON-CL5-2026-05-D5-12: Shipyards of the future (ZEWTP Partnership)	IA	21 M€		

HORIZON-CL5-2026-05-D5-13: Safety of renewable low and zero-carbon waterborne fuels in port areas: risk assessment, regulatory framework, and guidelines for safe bunkering, handling and storage (ZEWT partnership)	CSA	2 M€	18-déc-25	14-avr-26
HORIZON-CL5-2027-03-D5-14: Onboard renewable energy solutions and energy saving measures to reduce the fuel consumption of ships by at least 55% (ZEWT Partnership)	IA	6,50 M€	15-déc-26	14-avr-27
HORIZON-CL5-2027-03-D5-15: Prospective evaluation of nuclear power potential for shipping (ZEWT Partnership)	CSA	2 M€		
HORIZON-CL5-2027-03-D5-16: Autonomous vessels in short sea shipping and inland waterways	IA	15 M€		
HORIZON-CL5-2027-03-D5-17: Innovative Solutions for mitigating the environmental impact of waterborne transport in marine and aquatic Ecosystems (ZEWT Partnership)	RIA	14 M€		
HORIZON-CL5-2027-03-D5-18: Enhanced electric operation and battery durability (ZEWT Partnership)	IA	20 M€		
HORIZON-CL5-2026-06-Two-Stage-D5-19: Non-exhaust emissions in road and railway transport	RIA	7,50 M€	18-déc-25	14 avril 2026 puis 8 octobre 2026
HORIZON-CL5-2027-03-D5-20: Assessing the effect of airport operations on air quality and noise in nearby communities	RIA	7 M€	15-déc-26	14-avr-27

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Climat, Mobilité, Energie

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-CL5-2026-10-D6-01: Flagship-pilot: large-scale demonstrations of CCAM (CCAM Partnership)	IA	100 M€	04-juin-26	08-oct-26
HORIZON-CL5-2026-10-D6-02: Geopolitical competition and socioeconomic resilience in CCAM: an innovation and policy roadmap for EU leadership (CCAM Partnership)	RIA	4 M€		
HORIZON-CL5-2026-10-D6-03: Generative AI for smarter CCAM: enhancing perception, decision-making, and validation (CCAM Partnership)	RIA	13 M€		
HORIZON-CL5-2027-06-D6-04: Holistic solutions for CCAM integration in critical scenarios (CCAM Partnership)	RIA	5,50 M€	03-juin-27	07-oct-27
HORIZON-CL5-2027-06-D6-05: European CCAM knowledge hub and tools for safe and scalable deployment (CCAM Partnership)	CSA	4 M€		
HORIZON-CL5-2026-10-D6-06: Increasing competitiveness and resilience of multimodal freight transport and logistics for competitive supply chains	IA	20 M€	04-juin-26	08-oct-26
HORIZON-CL5-2026-10-D6-07: Supporting sustainable and smart urban mobility in Europe (CIVITAS)	CSA	4 M€		
HORIZON-CL5-2027-06-D6-08: Enhancing Mobility for All: affordable, reliable, and accessible multimodal transport for inclusive rural and urban connectivity – Societal Readiness pilot	IA	21 M€	03-juin-27	07-oct-27
HORIZON-CL5-2026-10-D6-09: Road Safety and resilience of rural areas	IA	12 M€	04-juin-26	08-oct-26
HORIZON-CL5-2026-10-D6-10: Enhanced resilience in multimodal passenger transport through digital technologies and generative and discriminative AI	IA	10 M€		
HORIZON-CL5-2027-06-D6-11: Enhancing Resilience and Accuracy in Positioning, Navigation, and Timing (PNT) Systems and e-conspicuity solutions	IA	5 M€	03-juin-27	07-oct-27
HORIZON-CL5-2027-06-D6-12: Support for dissemination events in the field of Transport Research	CSA	1,6 M€		