

HORIZON EUROPE - Übersicht der Topics 2023-2024

Work Programme Cluster 5 "Climate, Energy and Mobility"



Destination – Climate sciences and responses for the transformation towards climate neutrality			
CALL - HORIZON-CL5-2023-D1-01: Climate sciences and responses	Opening Date	Deadline	Instrument
HORIZON-CL5-2023-D1-01-01: Further climate knowledge through advanced science and technologies for analysing Earth observation and Earth system model data	13.12.2022	18.04.2023	RIA
HORIZON-CL5-2023-D1-01-02: Climate-related tipping points			
HORIZON-CL5-2023-D1-01-03: Climate impacts of a hydrogen economy			
HORIZON-CL5-2023-D1-01-04: Improved knowledge in cloud-aerosol interaction 32 Climate change mitigation, pathways to climate neutrality			
HORIZON-CL5-2023-D1-01-05: Science for successful, high-integrity voluntary climate initiatives			
HORIZON-CL5-2023-D1-01-06: Broadening the range of policy options in transition pathway analysis			
HORIZON-CL5-2023-D1-01-07: Modelling for local resilience - Developments in support of local adaptation assessments and plans			
HORIZON-CL5-2023-D1-01-08: Solar Radiation Modification: governance of research			
HORIZON-CL5-2023-D1-01-09: Behavioural change and governance for systemic transformations towards climate resilience			RIA
HORIZON-CL5-2023-D1-01-10: Improving the evidence base regarding the impact of sustainability and climate change education and related learning outcomes			
HORIZON-CL5-2023-D1-01-11: Needs-based adaptation to climate change in Africa			
CALL - HORIZON-CL5-2023-D1-02: Climate sciences and responses	Opening Date	Deadline	Instrument
HORIZON-CL5-2023-D1-02-01: EU-China international cooperation on data and model development for pathways to carbon neutrality: focusing on decarbonisation, energy efficiency and socio-economic implications of the transition	13.12.2022	18.04.2023	RIA
HORIZON-CL5-2023-D1-02-02: EU-China international cooperation on blue carbon			
CALL - HORIZON-CL5-2024-D1-01: Climate sciences and responses	Opening Date	Deadline	Instrument
HORIZON-CL5-2024-D1-01-01: Enhanced quantification and understanding of natural and anthropogenic methane emissions and sinks	12.09.2023	05.03.2024	RIA
HORIZON-CL5-2024-D1-01-02: Inland ice, including snow cover, glaciers, ice sheets and permafrost, and their interaction with climate change			

HORIZON-CL5-2024-D1-01-03: Paleoclimate science for a better understanding of the short- to long-term evolution of the Earth system			
HORIZON-CL5-2024-D1-01-04: Improved toolbox for evaluating the climate and environmental impacts of trade policies			
HORIZON-CL5-2024-D1-01-05: Next generation low-emission, climate-resilient pathways and NDCs for a future aligned with the Paris Agreement			
HORIZON-CL5-2024-D1-01-06: The role of climate change foresight for primary and secondary raw materials supply			
HORIZON-CL5-2024-D1-01-07: Quantification of the role of key terrestrial ecosystems in the carbon cycle and related climate effects			
Destination – Cross-sectoral solutions for the climate transition			
CALL - HORIZON-CL5-2023-D2-01: Cross-sectoral solutions for the climate transition	Opening Date	Deadline	Instrument
HORIZON-CL5-2023-D2-01-01: Technologies for sustainable, cost-efficient and low carbon footprint downstream processing & production of battery-grade materials (Batt4EU Partnership)	13.12.2022	18.04.2023	RIA
HORIZON-CL5-2023-D2-01-02: New processes for upcoming recycling feeds (Batt4EU Partnership)			
HORIZON-CL5-2023-D2-01-03: Advanced digital twins for battery cell production lines (Batt4EU Partnership)			
HORIZON-CL5-2023-D2-01-04: Battery management system (BMS) and battery system design for stationary energy storage systems (ESS) to improve interoperability and facilitate the integration of second life batteries (Batt4EU Partnership)			IA
HORIZON-CL5-2023-D2-01-05: Hybrid electric energy storage solutions for grid support and charging infrastructure (Batt4EU Partnership)			
HORIZON-CL5-2023-D2-01-06: Open Pilot Line/Test Bed for hydrogen			
HORIZON-CL5-2023-D2-01-07: Support for the deployment of R&I results for climate mitigation. Synergies with the ETS Innovation Fund			CSA
HORIZON-CL5-2023-D2-01-08: Driving Urban Transition Co-funded Partnership			COFUND
CALL - HORIZON-CL5-2023-D2-02: Cross-sectoral solutions for the climate transition	Opening Date	Deadline	Instrument
HORIZON-CL5-2023-D2-02-01: Advanced materials and cells development enabling large-scale production of Gen4 solid-state batteries for mobility applications (Batt4EU Partnership)	04.05.2023	05.09.2023	IA
HORIZON-CL5-2023-D2-02-02: New Approaches to Develop Enhanced Safety Materials for Gen 3 Li-Ion Batteries for Mobility Applications (Batt4EU Partnership)			RIA
HORIZON-CL5-2023-D2-02-03: Creating a digital passport to track battery materials, optimize battery performance and life, validate recycling, and promote a new business model based on data sharing (Batt4EU Partnership)			IA
CALL - HORIZON-CL5-2024-D2-01: Cross-sectoral solutions for the climate transition	Opening Date	Deadline	Instrument

HORIZON-CL5-2024-D2-01-01: Advanced sustainable and safe pre-processing technologies for End-of-Life (EoL) battery recycling (Batt4EU Partnership)	07.12.2023	18.04.2024	RIA
HORIZON-CL5-2024-D2-01-02: Non-Li Sustainable Batteries with European Supply Chains for Stationary Storage (Batt4EU Partnership)			IA
HORIZON-CL5-2024-D2-01-03: Development of technical and business solutions to optimise the circularity, resilience, and sustainability of the European battery value chain (Batt4EU Partnership)			RIA
HORIZON-CL5-2024-D2-01-04: Emerging energy technologies for a climate neutral Europe			
CALL - HORIZON-CL5-2024-D2-02: Cross-sectoral solutions for the climate transition	Opening Date	Deadline	Instrument
HORIZON-CL5-2024-D2-02-01: Sustainable high-throughput production processes for stable lithium metal anodes for next generation batteries (Batt4EU Partnership)	07.05.2024	05.09.2024	IA
HORIZON-CL5-2024-D2-02-02: Post-Li-ion technologies and relevant manufacturing techniques for mobility applications (Generation 5) (Batt4EU Partnership)			RIA
HORIZON-CL5-2024-D2-02-03: 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)			IA
HORIZON-CL5-2024-D2-02-04: Accelerated multi-physical and virtual testing for battery aging, reliability and safety evaluation (Batt4EU Partnership)			
Destination – Sustainable, secure and competitive energy supply			
CALL - HORIZON-CL5-2023-D3-01: Sustainable, secure and competitive energy supply	Opening Date	Deadline	Instrument
HORIZON-CL5-2023-D3-01-01: Renewable Energy Valleys to increase energy security while accelerating the green transition in Europe	13.12.2022	30.03.2023	IA
HORIZON-CL5-2023-D3-01-02: PV integration in buildings and in infrastructure			
HORIZON-CL5-2023-D3-01-03: Floating PV Systems			
HORIZON-CL5-2023-D3-01-04: Solar Systems for Industrial Process Heat and Power			
HORIZON-CL5-2023-D3-01-05: Critical technologies for the offshore wind farm of the Future			RIA
HORIZON-CL5-2023-D3-01-06: Demonstration of advanced biofuel technologies for aviation and/or shipping			IA
HORIZON-CL5-2023-D3-01-07: Demonstration of synthetic renewable fuel for aviation and/or shipping			
HORIZON-CL5-2023-D3-01-08: Demonstration of sustainable tidal energy farms..... 163 Energy systems, grids & storage			
HORIZON-CL5-2023-D3-01-09: Waste heat reutilisation from data centres			
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			

HORIZON-CL5-2023-D3-01-11: Demonstration of DC powered data centres, buildings, industries and ports			
HORIZON-CL5-2023-D3-01-12: Development of MVDC, HVDC and High-Power Transmission systems and components for a resilient grid			
HORIZON-CL5-2023-D3-01-13: Development of novel long-term electricity storage technologies			RIA
HORIZON-CL5-2023-D3-01-14: Demonstration of innovative, large-scale, seasonal heat and/or cooling storage technologies for decarbonisation and security of supply			IA
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/IIoT Edge-cloud and platform solutions			
HORIZON-CL5-2023-D3-01-16: Support action to the SET Plan IWG on HVDC & DC Technologies			CSA
HORIZON-CL5-2023-D3-01-17: Development of CO2 transport and storage demo projects			IA
HORIZON-CL5-2023-D3-01-18: Clean Energy Transition Co-funded Partnership			COFUND
CALL - HORIZON-CL5-2023-D3-02: Sustainable, secure and competitive energy supply	Opening Date	Deadline	Instrument
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
HORIZON-CL5-2023-D3-02-02: Novel thermal energy storage for CSP			
HORIZON-CL5-2023-D3-02-03: Industrial manufacturing for lower-cost solar thermal components and systems			IA
HORIZON-CL5-2023-D3-02-04: Innovative components and configurations for heat pumps			RIA
HORIZON-CL5-2023-D3-02-05: Advanced exploration technologies for geothermal resources in a wide range of geological settings			
HORIZON-CL5-2023-D3-02-06: Smart use of geothermal electricity and heating and cooling in the energy system			IA
HORIZON-CL5-2023-D3-02-07: Development of next generation advanced biofuel technologies			RIA
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			
HORIZON-CL5-2023-D3-02-09: Demonstration of sustainable hydropower refurbishment			IA
HORIZON-CL5-2023-D3-02-10: Development of innovative power take-off and control systems for wave energy devices			RIA
HORIZON-CL5-2023-D3-02-11: Advanced concepts for crystalline Silicon technology			
HORIZON-CL5-2023-D3-02-12: Large Area Perovskite solar cells and modules			IA
HORIZON-CL5-2023-D3-02-13: Operation, Performance and Maintenance of PV Systems			
HORIZON-CL5-2023-D3-02-14: Digital twin for forecasting of power production to wind energy demand			RIA
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			
HORIZON-CL5-2023-D3-02-16: Accelerating the green transition and energy access in Africa			IA

CALL - HORIZON-CL5-2023-D3-03: Sustainable, secure and competitive energy supply	Opening Date	Deadline	Instrument
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	IA
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			RIA
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			
HORIZON-CL5-2023-D3-03-04: Digital tools for enhancing the uptake of digital services in the energy market			
HORIZON-CL5-2023-D3-03-05: Creation of a standardised and open-source peer-to-peer energy sharing platform architecture for the energy sector			
HORIZON-CL5-2023-D3-03-06: Components and interfacing for AC & DC side protection system – AC & DC grid: components and systems for grid optimisation			
CALL - HORIZON-CL5-2024-D3-01: Sustainable, secure and competitive energy supply			Opening Date
HORIZON-CL5-2024-D3-01-01: Alternative equipment and processes for advanced manufacturing of PV technologies	12.09.2023	16.01.2024	IA
HORIZON-CL5-2024-D3-01-02: Low-power PV			
HORIZON-CL5-2024-D3-01-03: Demonstration of improved intermediate renewable energy carrier technologies for transport fuels			
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			RIA
HORIZON-CL5-2024-D3-01-05: Development of carbon fixation technologies for biogenic flue gases			
HORIZON-CL5-2024-D3-01-06: Innovative applications/integration of geothermal heating and cooling in industry			
HORIZON-CL5-2024-D3-01-07: Development of hydropower equipment for improving techno-economic efficiency and equipment resilience in refurbishment situations			
HORIZON-CL5-2024-D3-01-08: Demonstration of sustainable wave energy farms			IA
HORIZON-CL5-2024-D3-01-09: Africa-EU CO-FUND action			COFUND
HORIZON-CL5-2024-D3-01-10: Next generation of renewable energy technologies..... 243 Energy systems, grids & storage			RIA
HORIZON-CL5-2024-D3-01-11: AI Testing and Experimentation Facility (TEF) for the energy sector – bringing technology to the market			IA
HORIZON-CL5-2024-D3-01-12: Energy Management Systems for flexibility services			
HORIZON-CL5-2024-D3-01-13: DC and AC/DC hybrid transmission and distribution systems			RIA
HORIZON-CL5-2024-D3-01-14: Condition & Health Monitoring in Power Electronics (PE) - Wide Band Gap PE for the energy sector			
HORIZON-CL5-2024-D3-01-15: HVAC, HVDC and High-Power cable systems			

HORIZON-CL5-2024-D3-01-16: Demonstration of innovative pumped storage equipment and tools in combination with innovative storage management systems			IA
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			
CALL - HORIZON-CL5-2024-D3-02: Sustainable, secure and competitive energy supply	Opening Date	Deadline	Instrument
HORIZON-CL5-2024-D3-02-01: Digital tools for CSP and solar thermal plants	07.05.2024	05.09.2024	IA
HORIZON-CL5-2024-D3-02-02: Development of next generation synthetic renewable fuel technologies			RIA
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			
HORIZON-CL5-2024-D3-02-04: Critical technologies for the future ocean energy farms			
HORIZON-CL5-2024-D3-02-05: PV-integrated electric mobility applications			IA
HORIZON-CL5-2024-D3-02-06: Innovative, Community-Integrated PV systems			
HORIZON-CL5-2024-D3-02-07: Resource Efficiency of PV in Production, Use and Disposal			CSA
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			RIA
HORIZON-CL5-2024-D3-02-09: Demonstrations of innovative floating wind concepts			IA
HORIZON-CL5-2024-D3-02-10: Market Uptake Measures of renewable energy systems			CSA
HORIZON-CL5-2024-D3-02-11: CCU for the production of fuels			IA
HORIZON-CL5-2024-D3-02-12: DACCS and BECCS for CO2 removal/negative emissions			
Destination – Efficient, sustainable and inclusive energy use			
CALL - HORIZON-CL5-2023-D4-01: Efficient, sustainable and inclusive energy use	Opening Date	Deadline	Instrument
HORIZON-CL5-2023-D4-01-01: Innovative cost-efficient solutions for zero-emission buildings	13.12.2022	20.04.2023	IA
HORIZON-CL5-2023-D4-01-02: Future-proofing historical buildings for the clean energy transition			RIA
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			IA
HORIZON-CL5-2023-D4-01-04: Thermal management and energy optimisation of high energy demand IT systems equipment in tertiary buildings			RIA
HORIZON-CL5-2023-D4-01-05: Innovative solutions for cost-effective decarbonisation of buildings through energy efficiency and electrification			IA
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			
CALL - HORIZON-CL5-2023-D4-02: Efficient, sustainable and inclusive energy use	Opening Date	Deadline	Instrument

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
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)			
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)			
HORIZON-CL5-2023-D4-02-04: Fast-tracking and promoting built environment construction and renovation innovation with local value chains (Built4People Partnership)			CSA
HORIZON-CL5-2023-D4-02-05: Supporting the creation of an accessible and inclusive built environment (Built4People Partnership)			IA
CALL - HORIZON-CL5-2024-D4-01: Efficient, sustainable and inclusive energy use	Opening Date	Deadline	Instrument
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
HORIZON-CL5-2024-D4-01-02: Smart grid-ready buildings			
HORIZON-CL5-2024-D4-01-03: Alternative heating systems for efficient, flexible and electrified heat generation in industry			
CALL - HORIZON-CL5-2024-D4-02: Efficient, sustainable and inclusive energy use	Opening Date	Deadline	Instrument
HORIZON-CL5-2024-D4-02-01: Industrialisation of sustainable and circular deep renovation workflows (Built4People Partnership)	07.05.2024	05.09.2024	IA
HORIZON-CL5-2024-D4-02-02: Robotics and other automated solutions for construction, renovation and maintenance in a sustainable built environment (Built4People Partnership)			RIA
HORIZON-CL5-2024-D4-02-03: BIM-based processes and digital twins for facilitating and optimising circular energy renovation (Built4People Partnership)			IA
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)			RIA
HORIZON-CL5-2024-D4-02-05: Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership)			IA
Destination – Clean and competitive solutions for all transport modes			
CALL - HORIZON-CL5-2023-D5-01: Clean and competitive solutions for all transport modes	Opening Date	Deadline	Instrument
HORIZON-CL5-2023-D5-01-01: User-centric design and operation of EV for optimized energy efficiency (2ZERO Partnership)	13.12.2022	20.04.2023	IA
HORIZON-CL5-2023-D5-01-02: Innovative battery management systems for next generation vehicles (2ZERO & Batt4EU Partnership)			
HORIZON-CL5-2023-D5-01-03: Frugal zero-emission vehicles concepts for the urban passenger challenge (2ZERO Partnership)			

HORIZON-CL5-2023-D5-01-04: Circular economy approaches for zero emission vehicles (2ZERO Partnership)			RIA
HORIZON-CL5-2023-D5-01-05: Measuring road transport results towards 2ZERO KPIs (2ZERO Partnership)			CSA
HORIZON-CL5-2023-D5-01-06: EU Member States/Associated countries research policy cooperation network to accelerate zero-emission road mobility (2ZERO Partnership)			IA
HORIZON-CL5-2023-D5-01-07: Hydrogen-powered aviation			RIA
HORIZON-CL5-2023-D5-01-08: Accelerating climate-neutral hydrogen-powered/electrified aviation			CSA
HORIZON-CL5-2023-D5-01-09: Competitiveness and digital transformation in aviation – advancing further capabilities, digital approach to design			RIA
HORIZON-CL5-2023-D5-01-10: Aviation research synergies between Horizon Europe, AZEA and National programs			IA
HORIZON-CL5-2023-D5-01-11: Developing the next generation of power conversion technologies for sustainable alternative carbon neutral fuels in waterborne applications (ZEWT Partnership)			IA
HORIZON-CL5-2023-D5-01-12: Demonstrations to accelerate the switch to safe use of new sustainable climate neutral fuels in waterborne transport (ZEWT Partnership)			RIA
HORIZON-CL5-2023-D5-01-13: Integrated real-time digital solutions to optimise navigation and port calls to reduce emissions from shipping (ZEWT Partnership)			CSA
HORIZON-CL5-2023-D5-01-14: Developing a flexible offshore supply of zero emission auxiliary power for ships moored or anchored at sea deployable before 2030 (ZEWT Partnership)			IA
HORIZON-CL5-2023-D5-01-15: Reducing the environmental impact from shipyards and developing a whole life strategy to measure and minimise the non-operational environmental impacts from shipping			RIA
HORIZON-CL5-2023-D5-01-16: Developing small, flexible, zero-emission and automated vessels to support shifting cargo from road to sustainable Waterborne Transport			CSA
HORIZON-CL5-2023-D5-01-17: Towards the implementation of the inland navigation action programme with a focus on Green and Connected Inland Waterway Transport 383			IA
HORIZON-CL5-2023-D5-01-18: Advanced transport emissions monitoring networks .. 386			CSA
HORIZON-CL5-2023-D5-01-19: Support for the organisation of EU-US symposia in the field of Transport Research			
CALL - HORIZON-CL5-2024-D5-01: Clean and competitive solutions for all transport mode	Opening Date	Deadline	Instrument
HORIZON-CL5-2024-D5-01-01: Smart, low-cost pervasive stationary slow charging and bi-directional solutions synergic with the grid for EV mass deployment (2ZERO Partnership)	07.12.2023	18.04.2024	IA
HORIZON-CL5-2024-D5-01-02: Integration and testing of next generation post-800V electric powertrains (2ZERO Partnership)			RIA
HORIZON-CL5-2024-D5-01-03: Advanced battery system integration for next generation vehicles (2ZERO Partnership)			

HORIZON-CL5-2024-D5-01-04: Integrated flexible multipoint megawatt charging systems for electric truck mass deployment (2ZERO Partnership) (2024)			IA
HORIZON-CL5-2024-D5-01-05: Advanced digital development tools to accelerate the development of software defined vehicles that enable zero-emission mobility (2ZERO Partnership)			RIA
HORIZON-CL5-2024-D5-01-06: New designs, shapes, functionalities of Light Commercial Vehicles (2ZERO Partnership)			la
HORIZON-CL5-2024-D5-01-07: Accelerating climate neutral aviation, minimising non-CO2 emissions			RIA
HORIZON-CL5-2024-D5-01-08: Competitiveness and digital transformation in aviation – advancing further composite aerostructures			
HORIZON-CL5-2024-D5-01-09: Impact monitoring of EU Aviation R&I			
HORIZON-CL5-2024-D5-01-10: Towards a flying testbed for European leadership in aviation			
HORIZON-CL5-2024-D5-01-11: Achieving high voltage, low weight, efficient electric powertrains for sustainable waterborne transport (ZEWT Partnership)			
HORIZON-CL5-2024-D5-01-12: Combining state-of-the-art emission reduction and efficiency improvement technologies in ship design and retrofitting for contributing to the "Fit for 55" package objective by 2030 (ZEWT Partnership)			IA
HORIZON-CL5-2024-D5-01-13: Demonstration of Technologies to minimise underwater noise generated by waterborne transport (ZEWT Partnership).			
HORIZON-CL5-2024-D5-01-14: Demonstrating efficient fully DC electric grids within waterborne transport for large ship applications (ZEWT Partnership).			
HORIZON-CL5-2024-D5-01-15: Advanced digitalisation and modelling utilizing operational and other data to support zero emission waterborne transport (ZEWT Partnership)			
HORIZON-CL5-2024-D5-01-16: Structuring the Waterborne transport sector, including through changed business and industrial models in order to achieve commercial zero-emission waterborne transport (ZEWT Partnership)			CSA
HORIZON-CL5-2024-D5-01-17: Coordinating and supporting the combined activities of member and associated states towards the objectives of the Zero Emission Waterborne Transport partnership so as to increase synergies and impact (ZEWT Partnership)			
HORIZON-CL5-2024-D5-01-18: Assessment of air pollutant emissions from low-carbon fuels in the heavy-duty, aviation, and maritime sectors			RIA
Destination – Safe, Resilient Transport and Smart Mobility services for passengers and goods			
CALL - HORIZON-CL5-2023-D6-01: Safe, Resilient Transport and Smart Mobility services for passengers and goods	Opening Date	Deadline	Instrument
HORIZON-CL5-2023-D6-01-01: User-centric development of vehicle technologies and solutions to optimise the on-board experience and ensure inclusiveness (CCAM Partnership)	04.05.2023	05.09.2023	RIA

HORIZON-CL5-2023-D6-01-02: Generation of scenarios for development, training, virtual testing and validation of CCAM systems (CCAM Partnership)			
HORIZON-CL5-2023-D6-01-03: Infrastructure-enabled solutions for improving the continuity or extension of Operational Design Domains (ODDs) (CCAM Partnership)			IA
HORIZON-CL5-2023-D6-01-04: Integrating European diversity in the design, development and implementation of CCAM solutions to support mobility equity (CCAM Partnership)			RIA
HORIZON-CL5-2023-D6-01-05: CCAM effects on jobs and education, plans for skills that match the CCAM development, and prerequisites for employment growth (CCAM Partnership)			
HORIZON-CL5-2023-D6-01-06: Zero-emission e-commerce and freight delivery and return choices by retailers, consumers and local authorities			
HORIZON-CL5-2023-D6-01-07: Operational automation to support multimodal freight transport			
HORIZON-CL5-2023-D6-01-08: Future-proof GHG and environmental emissions factors for accounting emissions from transport and logistics operations			CSA
HORIZON-CL5-2023-D6-01-09: Climate resilient and safe maritime ports			IA
HORIZON-CL5-2023-D6-01-10: Better infrastructure safety on urban and secondary rural roads throughout a combination of adaptable monitoring and maintenance solutions			RIA
HORIZON-CL5-2023-D6-01-11: Aviation safety - Uncertainty quantification for safety and risk management			
HORIZON-CL5-2023-D6-01-12: New ways of reducing serious injuries and the long-term consequences of road crashes			
HORIZON-CL5-2023-D6-01-13: Support for dissemination events in the field of Transport Research			CSA
CALL - HORIZON-CL5-2024-D6-01: Safe, Resilient Transport and Smart Mobility services for passengers and good	Opening Date	Deadline	Instrument
HORIZON-CL5-2024-D6-01-01: Centralised, reliable, cyber-secure & upgradable in-vehicle electronic control architectures for CCAM connected to the cloud-edge continuum (CCAM Partnership)	07.05.2024	05.09.2024	RIA
HORIZON-CL5-2024-D6-01-02: Scenario-based safety assurance of CCAM and related HMI in a dynamically evolving transport system (CCAM Partnership)			
HORIZON-CL5-2024-D6-01-03: Orchestration of heterogeneous actors in mixed traffic within the CCAM ecosystem (CCAM Partnership)			IA
HORIZON-CL5-2024-D6-01-04: AI for advanced and collective perception and decision making for CCAM applications (CCAM Partnership)			RIA
HORIZON-CL5-2024-D6-01-05: Robust Knowledge and Know-How transfer for Key Deployment Pathways and implementation of the EU-CEM (CCAM Partnership)			CSA
HORIZON-CL5-2024-D6-01-06: Optimising multimodal network and traffic management, harnessing data from infrastructures, mobility of passengers and freight transport			RIA
HORIZON-CL5-2024-D6-01-07: Scaling up logistics innovations supporting freight transport decarbonisation in an affordable way			IA

HORIZON-CL5-2024-D6-01-08: Improved transport infrastructure performance – Innovative digital tools and solutions to monitor and improve the management and operation of transport infrastructure		
HORIZON-CL5-2024-D6-01-09: Policies and governance shaping the future transport and mobility systems		RIA
HORIZON-CL5-2024-D6-01-10: Ensuring the safety, resilience and security of waterborne digital systems		
HORIZON-CL5-2024-D6-01-11: Effects of disruptive changes in transport: towards resilient, safe and energy efficient mobility		
HORIZON-CL5-2024-D6-01-12: A new framework to improve traffic safety culture in the EU		

RIA: Research and Innovation Action
IA: Innovation Action
CSA: Coordination and Support Action
PCP: Pre-Commercial Procurement
PPI: Public procurement of innovative solutions co-fund actions
ERA-NET: ERA NET cofund (jetzt: Partnership)