



Programme

08:00 – 09:00 Registration and welcome coffee

09:00 – 09:30 Welcome by Directors

De Gasperi Room

Beatrice Coda (DG RTD)

Rosalinde Van der Vlies (DG ENER)

Eric Von Breska (DG MOVE)

Alexandre Paquot (DG CLIMA)

Mattias Langemeyer (CINEA)

09:30 – 10:00 Implementation best practices – how to prepare a good proposal

De Gasperi Room

10:00 – 10:55 Parallel session 1

De Gasperi Room: **Renewables (general); Photovoltaics**

- HORIZON-CL5-2025-04-D2-11: Support to the SET Plan community
- HORIZON-CL5-2025-04-D2-13: Coordinated call with India on waste to renewable hydrogen
- HORIZON-CL5-2026-02-D3-14: Development of innovative solutions strengthening the security of renewable energy value chains
- 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
- HORIZON-CL5-2025-02-D3-09: Optimised/Alternative Silicon Growth Technologies (from either liquid or gaseous phase) for PV Applications (EUPI-PV Partnership)
- HORIZON-CL5-2026-02-D3-10: Towards commercialisation of Perovskite PV and development of dedicated manufacturing equipment (EUPI-PV Partnership)
- HORIZON-CL5-2025-02-D3-11: Novel inverter technologies and flexibility in PV systems (EUPI-PV Partnership)
- HORIZON-CL5-2026-02-D3-12: Extending the lifetime of crystalline silicon PV modules (EUPI-PV Partnership)



Jenkins Room: **Climate Science**

- HORIZON-CL5-2025-06-D1-01: Climate simulations data and knowledge for optimal support of IPCC Assessments and International Policy
- HORIZON-CL5-2025-06-D1-02: Advancing Earth System Models to increase understanding of Earth system change
- HORIZON-CL5-2025-06-D1-03: Modelling of mitigation pathways for F-gases
- 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
- HORIZON-CL5-2025-05-Two-Stage-D1-05: Adaptation to Climate Change: Effectiveness and Limits
- HORIZON-CL5-2025-06-D1-06: Fostering equity and justice in climate policies – Societal Readiness Pilot
- HORIZON-CL5-2025-06-D1-07: Implementing the climate action pillar of the EU-African Union Partnership on Climate Change and Sustainable Energy

Mansholt Room: **Multimodal Transport; Safety and Resilience**

- HORIZON-CL5-2026-01-D6-07: Innovative construction and maintenance, with the use of new materials and techniques, for resilient and sustainable transport infrastructure
- HORIZON-CL5-2026-01-D6-08: Accelerating freight transport and logistics digital innovation
- HORIZON-CL5-2026-01-D6-09: Reliable data and practices to measure and calculate transport emissions in multimodal transport chains
- HORIZON-CL5-2026-01-D6-10: Integrating inland waterway transport in smart shipping and multimodal logistics chains
- HORIZON-CL5-2025-04-D6-11: Innovative air mobility and services for sustainable and smart urban, peri-urban transport – Societal Readiness pilot
- HORIZON-CL5-2025-04-D6-12: Safe Human-Technology Interaction (HTI) in the vehicle systems of the coming decade – Societal Readiness Pilot
- HORIZON-CL5-2026-01-D6-13: Safety of Cyclists, Pedestrians and Users of Micromobility Devices
- HORIZON-CL5-2026-01-D6-14: Predicting and avoiding road crashes based on Artificial Intelligence (AI) and big data
- HORIZON-CL5-2026-01-D6-15: Icing in the context of sustainable aviation



10:55 – 11:25 Coffee Break

11:25 – 12:20 Parallel session 2

De Gasperi Room: **Renewables (biofuels, geothermal, hydropower, solar thermal, wind, ocean)**

- HORIZON-CL5-2026-02-D3-01: Large-scale production of liquid advanced biofuels and renewable fuels of non-biological origin
- HORIZON-CL5-2026-02-D3-02: Competitiveness, energy security and integration aspects of advanced biofuels and renewable fuels of non-biological origin value chains
- HORIZON-CL5-2025-02-D3-03: Novel approaches to geothermal resources development
- 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
- HORIZON-CL5-2026-02-D3-05: Demonstration of thermal energy storage solutions for solar thermal plants and systems
- HORIZON-CL5-2025-02-D3-06: Innovative manufacturing of wind energy technologies
- HORIZON-CL5-2026-02-D3-07: Improved reliability and optimised operations and maintenance for wind energy systems
- HORIZON-CL5-2026-02-D3-08: Understand and minimise the environmental impacts of offshore wind energy
- HORIZON-CL5-2026-02-D3-13: De-risking wave energy technology development through transnational pre-commercial procurement of wave energy research and development

Jenkins Room: **The Societal Readiness pilot (cross-topics)**

- HORIZON-CL5-2025-06-D1-06: Fostering equity and justice in climate policies – Societal Readiness Pilot
- HORIZON-CL5-2026-01-D2-09: Monitoring and Evaluation of the Societal Readiness Pilot
- 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
- HORIZON-CL5-2026-02-D4-02: Smarter buildings as part of the energy system for increased efficiency and flexibility – Societal Readiness Pilot



- HORIZON-CL5-2025-04-D5-01: Efficient wireless stationary bidirectional charging solutions for road Light Duty Vehicles (ZZERO Partnership) – Societal Readiness Pilot
- 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
- HORIZON-CL5-2025-04-D6-02: Preparing for large-scale CCAM demonstrations (CCAM Partnership) – Societal Readiness Pilot
- HORIZON-CL5-2025-04-D6-11: Innovative air mobility and services for sustainable and smart urban, peri-urban transport – Societal Readiness pilot
- HORIZON-CL5-2025-04-D6-12: Safe Human-Technology Interaction (HTI) in the vehicle systems of the coming decade – Societal Readiness Pilot

Mansholt Room: **Towards Zero Emission Road Transport (2ZZero), cross-cutting on transport**

- HORIZON-CL5-2025-04-D5-01: Efficient wireless stationary bidirectional charging solutions for road Light Duty Vehicles (ZZERO Partnership) – Societal Readiness Pilot
- HORIZON-CL5-2025-04-D5-02: Cybersecure and resilient road e-mobility ecosystem (ZZERO Partnership)
- HORIZON-CL5-2025-04-D5-03: Safe post-crash management of road Light Duty Battery Electric Vehicles (BEVs) (ZZERO Partnership)
- HORIZON-CL5-2025-04-D5-04: Extended lifetime of road Battery Electric Vehicles (BEV) (ZZERO Partnership)
- 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 (ZZERO Partnership)
- HORIZON-CL5-2025-04-D5-06: Strategies, tools and concepts for optimised road Battery Electric Vehicles (BEV) long-haul logistics use cases (ZZERO Partnership)
- HORIZON-CL5-2025-04-D5-07: Accelerating the circular transformation of the EU automotive industry
- HORIZON-CL5-2025-04-D5-18: Support to the organisation and dissemination of the Transport Research Arena (TRA) conference
- 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



12:20 – 13:15 Parallel session 3

De Gasperi Room: **Energy Systems, Grid and Storage (ESGS); Carbon Capture, Utilisation and Storage (CCUS)**

- HORIZON-CL5-2025-02-D3-16: Support to the BRIDGE initiative
- HORIZON-CL5-2025-02-D3-17: Control and operation tools for a RES-based energy system
- HORIZON-CL5-2026-02-D3-18: Next generation distribution substation for increasing the system resilience
- HORIZON-CL5-2026-02-D3-19: Innovation solutions for a generative AI-powered digital spine of the EU energy system
- HORIZON-CL5-2026-02-D3-20: Innovative tools and services to manage and empower energy communities
- HORIZON-CL5-2025-02-D3-21: Cross-regional network and market model for optimisation of long duration storage
- HORIZON-CL5-2026-02-D3-22: Underground Thermal Energy Storage in dense urban areas
- HORIZON-CL5-2025-01-Two-Stage-D3-23: Critical elements for energy security of grid and storage technologies
- HORIZON-CL5-2025-02-D2-12: NZIA regulatory sandbox exchange forum support
- HORIZON-CL5-2026-02-D3-24: New CO₂ capture technologies
- HORIZON-CL5-2025-02-D3-25: Effects of CO₂-stream impurities on CO₂ transport and storage
- HORIZON-CL5-2025-02-D3-26: European investment atlas of potential CO₂ storage sites
- HORIZON-CL5-2025-02-D3-27: Using captured CO₂ as a resource to replace fossil hydrocarbons in industrial production

Jenkins Room: **Batteries (BATT4EU)**

- 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)
- HORIZON-CL5-2025-01-Two-Stage-D2-02: Cost-effective next-generation batteries for long-duration stationary storage (Batt4EU Partnership)



- HORIZON-CL5-2025-02-D2-03: Sustainable processing and refining of raw materials to produce battery grade Li-ion battery materials (Batt4EU Partnership)
- HORIZON-CL5-2026-01-D2-04: Integrating advanced materials, cell design and manufacturing development for high-performance batteries aimed at mobility (Batt4EU Partnership)
- HORIZON-CL5-2026-01-D2-05: Accelerated multi-physical and virtual testing for battery aging, reliability, and safety evaluation (Batt4EU Partnership)
- 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)

Mansholt Room: **Connected, Cooperative and Automated Mobility (CCAM)**

- 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
- HORIZON-CL5-2025-04-D6-02: Preparing for large-scale CCAM demonstrations (CCAM Partnership) – Societal Readiness Pilot
- HORIZON-CL5-2026-01-D6-03: Next-generation environment perception for real world CCAM operations: Error-free and secure technologies to improve energy-efficiency, cost-effectiveness, and circularity (CCAM Partnership)
- HORIZON-CL5-2026-01-D6-04: Integration of human driving behaviour in the validation of CCAM systems (CCAM Partnership)
- HORIZON-CL5-2026-01-D6-05: Approaches, verification and training for Edge-AI building blocks for CCAM Systems (CCAM Partnership)
- HORIZON-CL5-2026-01-D6-06: Federated CCAM data exchange platform (CCAM Partnership)

13:15 – 14:30 Lunch Break



14:30 – 15:25 Parallel session 4

De Gasperi Room: **Buildings, Industry**

- 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
- HORIZON-CL5-2026-02-D4-02: Smarter buildings as part of the energy system for increased efficiency and flexibility – Societal Readiness Pilot
- HORIZON-CL5-2026-02-D4-03: Innovative pathways for low carbon and climate resilient building stock and built environment (Built4People Partnership)
- HORIZON-CL5-2026-02-D4-04: Innovative approaches for the deployment of Positive Energy Districts
- 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)
- HORIZON-CL5-2026-02-D4-06: Phase out fossil fuel in energy intensive industries through the efficient integration of renewable energy sources
- HORIZON-CL5-2026-02-D4-06: Phase out fossil fuel in energy intensive industries through the efficient integration of renewable energy sources

Jenkins Room: **International cooperation**

Mansholt Room: **Aviation; Waterborne Transport; Health**

- HORIZON-CL5-2025-04-D5-08: Next generation testing capabilities in strategic EU wind tunnels
- HORIZON-CL5-2025-03-Two-Stage-D5-09: Next generation aircraft autonomy technologies for cockpit / pilot assistance applications
- HORIZON-CL5-2025-04-D5-10: Innovative solutions for energy conversion and safety of low and zero-carbon fuels in waterborne transport (ZEWTP Partnership)
- 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 (ZEWTP Partnership)
- HORIZON-CL5-2025-04-D5-12: Real-time, adaptive and innovative energy management solutions to optimise fuel consumption and lower emissions pollutants in waterborne transport (ZEWTP Partnership)



- HORIZON-CL5-2025-04-D5-13: Novel holistic intelligent tools for variable retrofit and decarbonised scenarios (ZEWT Partnership)
- HORIZON-CL5-2025-04-D5-14: Flexible and mobile solutions for Onshore Power Supply (ZEWT Partnership)
- HORIZON-CL5-2025-04-D5-15: Optimal integrated onboard renewable energy solutions, by considering Wind-Assisted Propulsion Systems (ZEWT Partnership)
- HORIZON-CL5-2025-04-D5-16: Support of the new EU renewable and low carbon fuel ecosystem for waterborne transport
- 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

[15:25 – 16:00 Coffee break](#)

16:00 – 19:00 Cluster 5 NCP GREENET Brokerage event

16:00 – 17:00 Pitching session

De Gasperi Room

17:00 – 19:00 Bilateral meetings

De Gasperi Room

Jenkins Room

Manholt Room

