



Bu proje Avrupa Birliđi ve Türkiye Cumhuriyeti tarafından finanse edilmektedir
This project is co-funded by the European Union and the Republic of Türkiye



Towards the Green Future: The European Green Deal International Brokerage Event

16 November 2023, Tangla Hotel Brussels

Organized by the “Turkey in Horizon 2020-Phase II” Technical Assistance Project &
TÜBİTAK National Coordination Office for EU Framework Programmes

08:00-09:00 Coffee and Registration

09:00-10:30 **Welcome Addresses**

Prof. Dr. Hasan MANDAL, President of TÜBİTAK

Ms. İliana IVANOVA, European Commissioner for Innovation, Research, Culture, Education and Youth (TBC)

Faruk KAYMAKCI, Ambassador, Permanent Delegate of Türkiye to the EU (TBC)

Mehmet Fatih KACIR, Minister of Industry and Technology, Republic of Türkiye

10:30-11:00 Coffee Break

11:00-13:30

**WORKSHOP #1 ENERGY AND MOBILITY:
A CLEAN AND SUSTAINABLE APPROACH**

**WORKSHOP #2 CIRCULAR ECONOMY AND
BIOECONOMY, FOOD & AGRICULTURE,
ZERO WASTE**

Speakers:

-**Philippe FROISSARD**, Head of Unit
Clean Planet, Future Urban & Mobility Systems
(TBC)

-**Helene CHRAYE**, Head of Unit, Clean Planet,
Clean Energy Transition (TBC)

Speakers:

-**Arnoldas MILUKAS**, Seconded Head of Unit,
Biodiversity, Circular Economy and
Environment(TBC)

-**Mr. Peter WEHRHEIM**, Head of Unit, Bioeconomy
and Food Systems (TBC)

&

Moderators:

-**Serhat MELİK**, National Contact Point, Cluster 5
(Mobility)

-**İpek ÜÇÜNCÜ**, National Contact Point, Cluster 5
(Mobility)

-**Hanife TUZCUOĞLU**, National Contact Point,
Cluster 5 (Energy)

Moderators:

-**Meltem ÜNLÜ TOKCAER**, National
Contact Point Cluster 6 (Environment)

-**Çağla AKAT KÖSE**, National Contact Point
Cluster 6 (Environment)

-**Çınar ADALI ÖNER**, National Contact
Point Cluster 6 (Food)

**Parallel
Workshops**

**Presentation
of Proposal
Ideas**



Bu proje Avrupa Birliđi ve Türkiye Cumhuriyeti tarafından finanse edilmektedir
This project is co-funded by the European Union and the Republic of Türkiye

WORKSHOP #3 DIGITAL, INDUSTRY & RESEARCH INFRASTRUCTURE

Speakers:

Peter DROELL, Acting Head of Unit
Directorate-General for Research and Innovation
Industry 5.0 (TBC)

Jürgen TIEDJE, Head of Unit
Directorate-General for Research and Innovation
Industrial Transformation (TBC)

Michael ARENTOFT, Head of Unit
Directorate-General for Research and Innovation,
ERA & Innovation, Open Science and Research
Infrastructures (TBC)

Moderators:

Hasan Burak TİFTİK, National Contact Point,
Cluster 4 (Digital) and Research Infrastructure

Erencan BAL, National Contact Point, Cluster 4
(Digital)

Hale AY, National Contact Point, Cluster 4
(Industry)

Ebru SOYUYÜCE AYDIN, National Contact Point,
Research Infrastructures

-Merve POLAT, National Contact Point
Cluster 6 (Food)

WORKSHOP #4 SOCIAL SCIENCE INTEGRATION TO GREEN DEAL

Speakers:

Irene NORSTEDT, Director
People Directorate

Barbara KAUFFMANN
Deputy Director-General – Directorate General
for Employment, Social Affairs and Inclusion,
and Funds, Fair Transition and Analysis

Moderator:

-İlknur YILMAZ, National Contact Point

13.30-14:30 *Lunch*

14:45-18:45 **One-to-One Partnering Meetings and Networking**

19:00 *Reception and Closure*



Bu proje Avrupa Birliği ve Türkiye Cumhuriyeti tarafından finanse edilmektedir
This project is co-funded by the European Union and the Republic of Türkiye

HORIZON EUROPE TOPICS COVERED BY THE EVENT

WORKSHOP 1: Energy and Mobility: A Clean and Sustainable Approach

Batteries Topics

- HORIZON-CL5-2024-D2-01-01: Advanced sustainable and safe pre-processing technologies for End-of-Life (EoL) battery recycling (Batt4EU Partnership) (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)

Sustainable, secure and competitive energy supply

- HORIZON-CL5-2024-D3-01-01: Alternative equipment and processes for advanced manufacturing of PV Technologies
- 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
- 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
- HORIZON-CL5-2024-D3-01-10: Next generation of renewable energy technologies
- HORIZON-CL5-2024-D3-01-11: AI Testing and Experimentation Facility (TEF) for the energy sector – bringing technology to the market
- 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
- 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
- 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

Efficient, sustainable and inclusive energy use

- HORIZON-CL5-2024-D4-01-01: Low-disruptive renovation processes using integration of prefabricated solutions for energy-efficient buildings
- HORIZON-CL5-2024-D4-01-02: Smart grid-ready buildings

WORKSHOP 2 : Circular Economy and Bioeconomy, Food & Agriculture, Zero Waste

Circular Economy and Bioeconomy Topics

- HORIZON-CL6-2024-CircBio-01-2: Circular solutions for textile value chains based on extended producer responsibility – IA
- HORIZON-CL6-2024-CircBio-01-3: Innovative circular solutions for furniture – IA
- HORIZON-CL6-2024-CircBio-01-4: Systemic circular solutions for a sustainable tourism – IA
- HORIZON-CL6-2024-CircBio-01-5: Programmed biodegradation capability of bio-based materials and products, validated in specific environments – RIA
- HORIZON-CL6-2024-CircBio-01-6: Digital information systems for bio-based products – RIA
- HORIZON-CL6-2024-CircBio-01-7: Demonstrating the fair and just transition from GHG-intensive economies facing challenges towards circular bioeconomy model regions – IA –
- HORIZON-CL6-2024-CircBio-02-1-two-stage: Circular solutions for textile value chains through innovative sorting, recycling, and design for recycling – RIA
- HORIZON-CL6-2024-CircBio-02-2-two-stage: Increasing the circularity in plastics value chains – IA
- HORIZON-CL6-2024-CircBio-02-3-two-stage: Increasing the circularity in electronics value chains – IA
- HORIZON-CL6-2024-CircBio-02-4-two-stage: New circular solutions and decentralised approaches for water and wastewater management – IA
- HORIZON-CL6-2024-CircBio-02-5-two-stage: Circular design of bio-based processes and products – RIA
- HORIZON-CL6-2024-CircBio-02-6-two-stage: From silos to diversity – small-scale bio-based demonstration pilots – IA

Zero Pollution Topics

- HORIZON-CL6-2024-ZEROPOLLUTION-01-1: Demonstration how regions can operate within safe ecological and regional nitrogen and phosphorus boundaries – IA
- HORIZON-CL6-2024-ZEROPOLLUTION-01-2: Best available techniques to recover or recycle fertilising products from secondary raw materials – CSA
- HORIZON-CL6-2024-ZEROPOLLUTION-01-3: Environmental impacts of food systems – RIA
- HORIZON-CL6-2024-ZEROPOLLUTION-02-1-two-stage: Holistic approaches for effective monitoring of water quality in urban areas – IA
- HORIZON-CL6-2024-ZEROPOLLUTION-02-2-two-stage: Innovative technologies for zero pollution, zero-waste biorefineries – RIA

Farm to Fork Topics

- HORIZON-CL6-2024-FARM2FORK-01-2: New healthy and sustainable food products and processes – RIA
- HORIZON-CL6-2024-FARM2FORK-01-4: Climate change and food safety: effects of climate change on food safety across food systems – RIA
- HORIZON-CL6-2024-FARM2FORK-01-5: Creating smart and attractive tools to enhance healthy and sustainable food provision, eating and treating of food at home – IA
- HORIZON-CL6-2024-FARM2FORK-01-6: Citizens' science as an opportunity to foster the transition to sustainable food systems – RIA



Bu proje Avrupa Birliği ve Türkiye Cumhuriyeti tarafından finanse edilmektedir
This project is co-funded by the European Union and the Republic of Türkiye

- HORIZON-CL5-2024-D4-01-03: Alternative heating systems for efficient, flexible and electrified heat generation in industry

Zero Emission Road Transport Topics

- 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 (ZZERO Partnership) (IA)
- HORIZON-CL5-2024-D5-01-02: Integration and testing of next generation post 1200V electric powertrains (ZZERO Partnership) (RIA)
- HORIZON-CL5-2024-D5-01-03: Advanced battery system integration for next generation vehicles (ZZERO Partnership) (RIA)
- HORIZON-CL5-2024-D5-01-04: Integrated flexible multipoint megawatt charging systems for electric truck mass deployment (ZZERO Partnership) (IA)
- HORIZON-CL5-2024-D5-01-05: Advanced digital development tools to accelerate the development of software defined vehicles that enable zero-emission mobility (ZZERO Partnership) (RIA)
- HORIZON-CL5-2024-D5-01-06: New designs, shapes, functionalities of Light Commercial Vehicles (ZZERO Partnership) (IA)

Aviation Topics

- 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 (RIA)
- HORIZON-CL5-2024-D5-01-09: Impact monitoring of EU Aviation R&I (RIA)
- HORIZON-CL5-2024-D5-01-10: Towards a flying testbed for European leadership in aviation (RIA)

Zero Emission Waterborne Transport Topics

- HORIZON-CL5-2024-D5-01-11: Achieving high voltage, low weight, efficient electric powertrains for sustainable waterborne transport (ZEWTP Partnership) (RIA)
- 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 (ZEWTP Partnership) (IA)
- HORIZON-CL5-2024-D5-01-13: Demonstration of Technologies to minimise underwater noise generated by waterborne transport (ZEWTP Partnership) (IA)
- HORIZON-CL5-2024-D5-01-14: Demonstrating efficient fully DC electric grids within waterborne transport for large ship applications (ZEWTP Partnership) (IA)
- HORIZON-CL5-2024-D5-01-15: Advanced digitalisation and modelling utilizing operational and other data to support zero emission waterborne transport (ZEWTP Partnership) (IA)
- 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 (ZEWTP 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 (ZEWTP Partnership) (CSA)
- HORIZON-CL5-2024-D5-01-18: Assessment of air pollutant emissions from low-carbon fuels in the heavy-duty, aviation, and maritime sectors

- HORIZON-CL6-2024-FARM2FORK-01-7: Impact of the development of novel foods based on alternative sources of proteins – RIA

- HORIZON-CL6-2024-FARM2FORK-01-8: Preventing and reducing food waste to reduce environmental impacts and to help reach 2030 climate targets – RIA

- HORIZON-CL6-2024-FARM2FORK-01-9: Microbiome for flavour and texture in the organoleptic dietary shift – IA

- HORIZON-CL6-2024-FARM2FORK-02-1-two-stage: Increasing the availability and use of non-contentious inputs in organic farming – IA

- HORIZON-CL6-2024-FARM2FORK-02-2-two-stage: Sustainable organic food innovation labs: reinforcing the entire value chain – IA

- HORIZON-CL6-2024-FARM2FORK-02-4-two-stage: Tackling outbreaks of plant pests – RIA

- HORIZON-CL6-2024-FARM2FORK-02-6-two-stage: Minimising climate impact on fisheries: mitigation and adaptation solutions for future climate regimes – IA

- HORIZON-CL6-2024-FARM2FORK-02-7-two-stage: Minimising climate impact on aquaculture: mitigation and adaptation solutions for future climate regimes – IA

Climate Topics

- HORIZON-CL6-2024-CLIMATE-01-1: Improving irrigation practices and technologies in agriculture – IA

- HORIZON-CL6-2024-CLIMATE-01-6: Ocean models for seasonal to decadal regional climate impacts and feedbacks – RIA

Communities Topics

- HORIZON-CL6-2023-COMMUNITIES-01-1: Enhancing social inclusion in rural areas: focus on people in a vulnerable situation and social economy – RIA

- HORIZON-CL6-2023-COMMUNITIES-01-2: Improving rural future through better territorial governance and rural-urban synergies - IA

- HORIZON-CL6-2023-COMMUNITIES-01-6: Inclusive and smart ways to communicate sustainability of food – RIA

Governance Topic

- HORIZON-CL6-2024-GOVERNANCE-01-2: Regional ecosystems of innovation to foster food system transformation – CSA



Bu proje Avrupa Birliği ve Türkiye Cumhuriyeti tarafından finanse edilmektedir
This project is co-funded by the European Union and the Republic of Türkiye

WORKSHOP 3: Digital, Industry & Research Infrastructure

World-leading Data and Computing Technologies

- HORIZON-CL4-2024-DATA-01-01: AI-driven data operations and compliance technologies (AI, data and robotics partnership) (IA)
- HORIZON-CL4-2024-DATA-01-03: Piloting emerging Smart IoT Platforms and decentralized intelligence (IA)

Digital & Emerging Technologies for Competitiveness and Fit for the Green Deal

- HORIZON-CL4-2024-DIGITAL-EMERGING-01-03: Novel paradigms and approaches, towards AI-powered robots – step change in functionality (AI, data and robotics partnership) (RIA)
- HORIZON-CL4-2024-DIGITAL-EMERGING-01-04: Industrial leadership in AI, Data and Robotics boosting competitiveness and the green transition (AI Data and Robotics Partnership)
- HORIZON-CL4-2024-DIGITAL-EMERGING-01-22: Fundamentals of Software Engineering (RIA)
- HORIZON-CL4-2024-DIGITAL-EMERGING-01-54: Smart photonics for joint communication & sensing and access everywhere (Photonics Partnership) (RIA)
- HORIZON-CL4-2024-DIGITAL-EMERGING-01-55: Photonics Innovation Factory for Europe (Photonics Partnership) (IA)

Manufacturing Industry

- HORIZON-CL4-2024-TWIN-TRANSITION-01-01: Bio-intelligent manufacturing industries (Made in Europe Partnership) (RIA)
- HORIZON-CL4-2024-TWIN-TRANSITION-01-03: Manufacturing as a Service: Technologies for customised, flexible, and decentralised production on demand (Made in Europe Partnership) (RIA)
- HORIZON-CL4-2024-TWIN-TRANSITION-01-05: Technologies/solutions to support circularity for manufacturing (Made in Europe Partnership) (RIA)

Energy Intensive Process Industries

- HORIZON-CL4-2024-TWIN-TRANSITION-01-32: Optimisation of thermal energy flows in the process industry (Processes4Planet partnership) (IA)
- HORIZON-CL4-2024-TWIN-TRANSITION-01-34: Renewable hydrogen used as feedstock in innovative production routes (Processes4Planet Partnership) (RIA)
- HORIZON-CL4-2024-TWIN-TRANSITION-01-35: Turning CO2 emissions from the process industry to feedstock (Processes4Planet partnership) (IA)
- HORIZON-CL4-2024-TWIN-TRANSITION-01-38: Hubs for circularity for industrialised urban peripheral areas (Processes4Planet partnership) (IA)
- HORIZON-CL4-2024-TWIN-TRANSITION-01-41: Breakthroughs to improve process industry resource efficiency (Processes4Planet partnership) (RIA)
- HORIZON-CL4-2024-TWIN-TRANSITION-01-44: Digital transformation and ensuring a better use of industrial data, which can optimise steel supply chains (Clean Steel Partnership) (IA)
- HORIZON-CL4-2024-TWIN-TRANSITION-01-46: CO2-neutral steel production with hydrogen, secondary carbon carriers and electricity OR innovative steel applications for low CO2 emissions (Clean Steel Partnership) (RIA)

WORKSHOP 4: Social Science Integration to Green Deal

Democracy Topics

- HORIZON-CL2-2024-DEMOCRACY-01-01: Protest politics and cultures of opposition in democracy
- HORIZON-CL2-2024-DEMOCRACY-01-02: Multilevel governance in times of digital and climate transitions
- HORIZON-CL2-2024-DEMOCRACY-01-03: What is the long-term impact of rule of law and other European values on socio-economic outcomes?
- HORIZON-CL2-2024-DEMOCRACY-01-04: The interrelation between social, cultural and political identities, as well as the sense of belonging, and democracies
- HORIZON-CL2-2024-DEMOCRACY-01-05: Gender-roles in extremist movements and their impact on democracy
- HORIZON-CL2-2024-DEMOCRACY-01-06: Computational Social Science approaches in research on democracy
- HORIZON-CL2-2024-DEMOCRACY-01-07: Digital democracy
- HORIZON-CL2-2024-DEMOCRACY-01-08: Culture, the arts and cultural spaces for democratic participation and political expression, online and offline
- HORIZON-CL2-2024-DEMOCRACY-01-09: The role and functioning of public administrations in democratic systems
- HORIZON-CL2-2024-DEMOCRACY-01-10: Political participation in multilingual spaces
- HORIZON-CL2-2024-DEMOCRACY-01-11: Future scenarios and young visions for European democracy 2040
- HORIZON-CL2-2024-DEMOCRACY-01-12: Testing and implementation of research results fostering democracy and governance

European Cultural Heritage and Cultural and Creative Industries

- HORIZON-CL2-2024-HERITAGE-01-01: New European Bauhaus – Innovative solutions for greener and fairer ways of life through arts and culture, architecture and design for all
- HORIZON-CL2-2024-HERITAGE-01-02: Cultural and creative industries for a sustainable climate transition
- HORIZON-CL2-2024-HERITAGE-01-03: Leverage the digital transition for competitive European cultural and creative industries
- HORIZON-CL2-2024-HERITAGE-01-04: Europe's cultural heritage and arts – promoting our values at home and abroad
- HORIZON-CL2-2024-HERITAGE-01-05: Strategies to strengthen the European linguistic capital in a globalised world

Social and Economic Transformations

- HORIZON-CL2-2024-TRANSFORMATIONS-01-01: Policy recommendations from socio-economic impacts of loneliness in Europe
- HORIZON-CL2-2024-TRANSFORMATIONS-01-02: Strengthen economic fairness and resilience of active labour market policies and address high unemployment
- HORIZON-CL2-2024-TRANSFORMATIONS-01-03: Minimise costs and maximise benefits of job creation and job destruction
- HORIZON-CL2-2024-TRANSFORMATIONS-01-04: Social services: economic and social returns and value added
- HORIZON-CL2-2024-TRANSFORMATIONS-01-05: Social dialogue in the new world of work
- HORIZON-CL2-2024-TRANSFORMATIONS-01-06: Beyond the horizon: A human-friendly deployment of artificial intelligence and related technologies
- HORIZON-CL2-2024-TRANSFORMATIONS-01-07: Methodologies for teamworking of researchers – reinforcing



Bu proje Avrupa Birliđi ve Türkiye Cumhuriyeti tarafından finanse edilmektedir
This project is co-funded by the European Union and the Republic of Türkiye

Raw Materials

- HORIZON-CL4-2024-RESILIENCE-01-01: Exploration of critical raw materials in deep land deposits (RIA)
- HORIZON-CL4-2024-RESILIENCE-01-04: Technologies for processing and refining of critical raw materials (IA)
- HORIZON-CL4-2024-RESILIENCE-01-08: Rare Earth and magnets innovation hubs (IA)
- HORIZON-CL4-2024-RESILIENCE-01-10: Addressing due diligence requirements in raw materials supply chains. (CSA)
- HORIZON-CL4-2024-RESILIENCE-01-11: Technologies for extraction and processing of critical raw materials (IA)

Advanced Materials

- HORIZON-CL4-2024-RESILIENCE-01-35: Biodegradable polymers for sustainable packaging materials (IA)
- HORIZON-CL4-2024-RESILIENCE-01-36: Advanced biomaterials for the Health Care (IA)
- HORIZON-CL4-2024-RESILIENCE-01-24: Development of safe and sustainable by design alternatives (IA)

Research Infrastructure

- HORIZON-INFRA-2024-EOSC-01-01: FAIR and open data sharing in support of the mission adaptation to climate change
- HORIZON-INFRA-2024-TECH-01-02: Development of tools, solutions, modules to enable R&I on the social aspects of the green transition
- HORIZON-INFRA-2024-DEV-01-03: Consolidation of the RI landscape – Individual support for evolution, long term sustainability and emerging needs of pan-European research infrastructures
- HORIZON-INFRA-2024-TECH-01-04: New digital twins for Destination Earth

transversal collaborative skills, behavioural and implementation sciences

- HORIZON-CL2-2024-TRANSFORMATIONS-01-08: Arts and cultural awareness and expression in education and training
- HORIZON-CL2-2024-TRANSFORMATIONS-01-09: The role of social economy in addressing social exclusion, providing quality jobs and greater sustainability
- HORIZON-CL2-2024-TRANSFORMATIONS-01-10: Effective education and labour market transitions of young people
- HORIZON-CL2-2024-TRANSFORMATIONS-01-11: Assessing and strengthening the complementarity between new technologies and human skills