



Centro Tecnológico  
de la Energía y del  
Medio Ambiente

## TOPICS OF INTEREST | HE - CL6 - 2026



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# Topics of interest | CL6 2026 - HE

## DESTINATION 1 – BIODIVERSITY & ECOSYSTEM SERVICES

### HE-CL6-2026-BIODIV-01-two-stages:

Living labs for co-creating solutions for the restoration of ecosystems

- Proven leadership in place-based Living Labs and multi-actor innovation for soil and biodiversity restoration. Through GREENNOMED Living Lab, one of the Living Labs funded under the EU Soil Mission, CETENMA operates an active Mediterranean ecosystem where farmers, researchers, public authorities and citizens co-design, test and validate solutions for soil health, ecosystem services and nature restoration.

### HE-CL6-2026-BIODIV-06:

Boosting agrobiodiversity for food security and sustainable competitiveness

- CETENMA could measure soil indicators such as microorganisms, leading co-creation in living labs and carrying out waste valorization.



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## DESTINATION 2 – FARM2FORK

**HE-CL6-2026-02-FARM2FORK-04:** Accelerating the development of breeding tools for perennial crops, specifically fruits and nuts

- CETENMA can support the topic by providing molecular biology capacity for Marker-Assisted Selection (MAS) in perennial crops, using its thermocycler infrastructure to help identify and validate markers linked to traits such as self-fertility, disease resistance and stress tolerance. Working with breeders and nurseries, CETENMA would contribute to faster and more efficient breeding pipelines and to the development of fruit and nut varieties better adapted to climate change and sustainable production.

**HE-CL6-2026-02-FARM2FORK-05:** Boosting circularity and diversification strategies of terrestrial livestock production systems

- Valorisation of sub-products for feed, soil amendments and organic fertilisers.

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## DESTINATION 3 – CIRC BIO

**HORIZON-CL6-2026-01-CIRCBIO-02:** Advancing recycling technologies for mixed post-consumer textiles waste from blended products

- CETENMA can support the topic by providing LCA - demonstrate and test novel and marketable solutions for post-consumer textile waste (apparel and home textiles) enabling its effective end-of-life collection, sorting and recycling (fibre-to-fibre), possibly including biotech solutions.

**HORIZON-CL6-2026-01-CIRCBIO-05:** Understanding biomass flows in Europe

- CETENMA could contribute a pilot case to test and demonstrate biomass prediction models, supporting the feasibility of biomass reporting at local and regional scale. The centre can support the proposal and testing of systems to estimate biomass production using innovative tools such as satellite imagery and data-driven modelling, and link these results to decision-support systems that help identify optimal biomass valorisation routes in close cooperation with local stakeholders.

**HORIZON-CL6-2026-01-CIRCBIO-06:** Bioeconomy policy support hub for Member States, regions and sectors (CSA)

- CETENMA is a strong partner for HORIZON-CL6-2026-01-CIRCBIO-06 thanks to its solid experience at the interface between bioeconomy innovation, territorial implementation and policy-oriented support, reinforced by its Living Lab approach through GREENNOMED Living Lab. CETENMA routinely translates results from European bioeconomy and circular economy projects into actionable knowledge for public authorities and regional ecosystems, working closely with administrations, clusters and multi-actor communities.

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## DESTINATION 3 – CIRCBIO

**HORIZON-CL6-2026-01-CIRCBIO-08:** Supporting pre-normative research for standardization of the bio-based products

- CETENMA can support the assessment of biomass valorisation pathways through life cycle assessment (LCA), economic feasibility analysis and the development of sustainable business models, helping to identify environmentally sound, economically viable and scalable solutions for biomass-based value chains.

**HORIZON-CL6-2027-01-CIRCBIO-02-two-stage:** Open topic: Using the Circular Cities and Regions Initiative to strengthen urban manufacturing in support of the Clean Industrial Deal

- CETENMA can contribute by leveraging its experience from the coordination of HOOP project, supporting cities to develop and implement urban circular bioeconomy solutions, business models and investment frameworks, facilitate knowledge exchange and replication (close connections with CCRI).

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## DESTINATION 4 – ZEROPOLLUTION

**HORIZON-CL6-2026-01-ZEROPOLLUTION-01-two-stage:** Decontaminate and bioremediate aquatic pollution

- Validation of a treatment system to reduce/eliminate antimicrobial resistance indicators (ARGs and resistant bacteria) in livestock manure, improving biosafety and reducing environmental risks linked to manure management and valorisation.

## DESTINATION 5 – CLIMATE

**HORIZON-CL6-2026-02-CLIMATE-02:** Towards the water infrastructures of the future

- Building on NPower, where integrated solutions for nutrient removal and reuse from agricultural runoff are being validated, CETENMA will explore innovative approaches for continuous phosphorus monitoring and recovery in treated and reclaimed wastewater, supporting the testing and upscaling of this emerging solution.

## DESTINATION 7 – GOVERNANCE

**HORIZON-CL6-2026-03-GOVERNANCE-06:** A services and business incubator for geospatial open-source developments (CSA)

- CETENMA can contribute through its GIS Viewer and experience with open-source geospatial software ecosystems, supporting digital infrastructures for climate services, agriculture, biodiversity and environmental monitoring, and enabling visualization, integration and exploitation of spatial data to support evidence-based decision making.



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Talking about European Projects?

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