Restoring Wetlands for a Resilient Europe

Four Horizon Europe projects working together for climate, biodiversity, and communities

Across Europe, ALFAwetlands, RESTORE4Cs, REWET, and WET HORIZONS are joining forces to restore and protect wetlands. By creating synergies, sharing knowledge, and applying a holistic approach, these projects aim to maximise the climate change mitigation, biodiversity, and socio-economic benefits of wetlands.

ALFAwetlands – Restoration for the future

ALFAwetlands enhances the geospatial understanding of European wetlands and co-develops restoration pathways through science-policy-society collaboration. The project operates 9 Living Labs to facilitate knowledge exchange, stakeholder engagement, and restoration upscaling. Coordinated by the Natural Resources Institute Finland (Luke), ALFAwetlands supports strategic wetland management grounded in local realities and scientific evidence.

www.alfawetlands.eu   contacts: info@allfawetlands.eu

Modelling restoration of wetlands for carbon pathways, climate change mitigation and adaptation, ecosystem services, and biodiversity co-benefits

RESTORE4Cs investigates the multifunctional role of coastal wetlands in climate change mitigation and adaptation, biodiversity conservation, and ecosystem service provision. With 6 Case Pilots across Europe, the project is developing a Decision Support System and building a European Community of Practice to support evidence-based restoration. The University of Aveiro, Portugal, leads this project.

www.restore4cs.eu   contacts: restore4cs@gmail.com

Restoring Wetlands for a Resilient Europe

Four Horizon Europe projects working together for climate, biodiversity, and communities

Across Europe, ALFAwetlands, RESTORE4Cs, REWET, and WET HORIZONS are joining forces to restore and protect wetlands. By creating synergies, sharing knowledge, and applying a holistic approach, these projects aim to maximise the climate change mitigation, biodiversity, and socio-economic benefits of wetlands.

Restoration of wetlands to minimise emissions and maximise carbon uptake

REWET advances climate-smart restoration of terrestrial wetlands, including peatlands, floodplains, and freshwater systems, by producing carbon inventories, GHG models, policy recommendations, and business-oriented tools. Through 7 Open Labs, the project fosters stakeholder-driven solutions across Europe. It is coordinated by IDENER, Spain.

www.rewet-he.eu   contacts: info@rewet-he.eu

Upgrading knowledge and solutions to fast-track wetland restoration across Europe

WET HORIZONS accelerates wetland restoration with integrated, data-driven approaches combining biodiversity, GHG emissions, and socioeconomic dimensions. The project supports policymakers with a Decision Support System, citizen science activities, and a visualisation platform. Led by Aarhus University, Denmark, WET HORIZONS promotes actionable insights for wetland sustainability.

www.wethorizons.eu   contacts: cb@esci.eu

Sister Projects Collaboration for Greater Impact

The Sister Projects, **ALFAwetlands**, **RESTORE4Cs**, **REWET**, and **WET HORIZONS**, are joining forces to amplify the impact of wetland restoration across Europe. By combining scientific expertise, practical tools, and stakeholder engagement, the projects work toward shared goals in climate resilience, biodiversity, and sustainable land use.

The collaboration focuses on:

European Wetlands Mapping

Joint efforts are producing harmonised maps and data tools to support evidence-based restoration and monitoring.

→ The **European Wetland Map**, co-developed by ALFAwetlands and WET HORIZONS, is available online alongside dedicated training sessions: Zenodo record | Training resource

Integrated Evaluation of Restoration Impacts

Shared methodologies are being developed to assess how wetland restoration affects carbon sequestration, biodiversity, and ecosystem services, essential for tracking progress towards EU climate and nature goals.

Decision Support Systems (DSS)

Shared methodologies are being developed to assess how wetland restoration affects carbon sequestration, biodiversity, and ecosystem services, essential for tracking progress towards EU climate and nature goals.

Policy Co-Creation

Recommendations are being co-developed to align with EU strategies such as the **Nature Restoration Law**, **EU Biodiversity Strategy**, and **Green Deal,** ensuring science-based support for decision-making.

Wider Community Engagement

Joint participation in events, webinars, and the LinkedIn group **Wetlands Restoration** is building a shared space for exchanging knowledge, challenges, and solutions in wetland restoration.

Key Tools to strengthen the Collaboration

- REWET's **Stakeholders Platform** and RESTORE4Cs' **ECoP Platform**
- REWET's **WETSET**

→ Explore more: www.rewet-he.eu & www.restore4cs.eu

Together, these projects are building a united front for climate-smart, community-driven wetland restoration across Europe.