JOINT INTRODUCTORY SPREADSHEET
of the 4 Horizon Europe projects:
ALFAwetlands, RESTORE4Cs, REWET and WET HORIZONS

Together, creating synergies and applying a holistic approach, four projects contribute to improving the European wetlands' knowledge and maximisation of the climate change mitigation, biodiversity and other benefits.

ALFAwetlands:
Wetland restoration for the future

ALFAwetlands' ultimate goal is to improve the geospatial knowledge base of wetlands, to evaluate the pathways of wetland restoration that incorporate a co-creation process, and to provide information and indicators for sustainability to maximise climate change mitigation, biodiversity and other benefits, including social justice.

ALFAwetlands has 9 **Living Labs** with 33 individual wetland sites across Europe. Living labs serve as hubs or platforms for collaboration on ecological, economic and social science related questions between different actors, where aim is to improve wetland restoration practices that can be applied and upscaled to other areas.

ALFAwetlands is coordinated by the Natural Resources Institute Finland (Luke) and consists of experts from 14 organisations +1 affiliated entity across 10 EU countries.

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

RESTORE4Cs:
Modelling restoration of wetlands for carbon pathways, climate change mitigation and adaptation, ecosystem services, and biodiversity co-benefits

RESTORE4Cs aims to evaluate the effect of restoration actions on wetlands' ability to mitigate climate change and provide various ecosystem services. Focusing on coastal wetlands across Europe, the project will collect data from 6 selected Case Pilots on the effectiveness of restoration and land use management, forming a European Community of Practice (ECoP) to support new EU policies, expanding models and assessment tools to broader geographical and ecological contexts, and designing a multi-actor approach for stakeholder engagement.

RESTORE4Cs endeavours to build a digital platform that will serve as a Decision Support System (DSS) for stakeholders. It will provide more accurate estimates of wetland restoration costs and benefits, prioritise and promote restoration efforts, and investigate social acceptability to develop a transdisciplinary approach for long-term sustainability. **RESTORE4Cs** is coordinated by the University of Aveiro, Portugal, and involves 15 partners from 9 EU countries.

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

Funded by the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or CINEA. Neither the European Union nor the granting authority can be held responsible for them.

REWET:
Restoration of wetlands to minimise emissions and maximise carbon uptake

REWET wants to facilitate sustainable restoration and conservation of terrestrial wetlands, including freshwater wetlands, peatlands, and floodplains, by applying fit-for-purpose technologies to monitor greenhouse gas emissions, biodiversity, meteorological events, and social aspects of sustainability. The focus of the project is to determine how the restoration and management of wetlands can be optimised to maximise their carbon uptake while in balance with type-specific natural processes and biodiversity. The methodologies will be tested in 7 Open Labs across Europe.

REWET's primary outcomes will include a wetlands inventory with carbon sink potential, models predicting greenhouse gas (GHG) emissions and sequestration under various scenarios, policy recommendations, a business model, and a replication roadmap. REWET is coordinated by IDENER, Spain, and involves 18 partners from 9 countries.

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

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

WET HORIZONS aims to fast-track wetland restoration action through research and decision support tools. Project research will boost crucial wetland knowledge. It will fill-in missing data by studying multiple aspects of restoration including biodiversity, greenhouse gas emissions and socioeconomic impacts.

The results of the project will be used to develop tools, guidelines, and best management practices. **WET HORIZONS** will involve citizen science. Its planned digital tools include an app for the visualisation of the wetland status and a Decision Support System for policymakers.

The project is coordinated by the Aarhus University, Denmark, and includes 14 participant organisations across Europe.

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

These 4 Horizon Europe projects continuously cooperate on:

- Raising awareness and increasing projects impact from local to European level
- Joint European Wetlands Maps development and evaluation of restoration projects
- Provision of tools for decision support systems
- Provision of policy recommendations of the best practices for wetlands restoration

Funded by the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or CINEA. Neither the European Union nor the granting authority can be held responsible for them.