



**SMART
HY AWARE**
Interreg Europe



European Union
European Regional
Development Fund

Final Dissemination Event

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Interreg Europe



Interreg Europe helps regional and local governments across Europe to develop and deliver better policy. By creating an environment and opportunities for sharing solutions, we aim to ensure that government investment, innovation and implementation efforts all lead to integrated and sustainable impact for people and place.

-- www.interregeurope.com --



Thematic Axes



Policy Learning Platform

Service offering a variety of tools to policymakers to find solutions to their regional challenges



Projects

Partners from different European regions working together for 3 or 5 years on the improvement of their regional policies related to one of the thematic axes of the programme



Project Data



PROGRAM

Interreg Europe, fourth call of proposal



THEMATIC AXE

Low-Carbon Economy



CONSORTIUM

6 partners, 6 european regions



BUDGET

1,36 mill. € (85 % funding ERDF)



DURATION

4 years (1/8/2019 to 31/7/2023)

Consortium



Spain - Lead partner

Regional Development Agency of Aragon



Italy

Lazio region



The Netherlands

Province Zuid-Holland



Greece

Municipality of Delphi



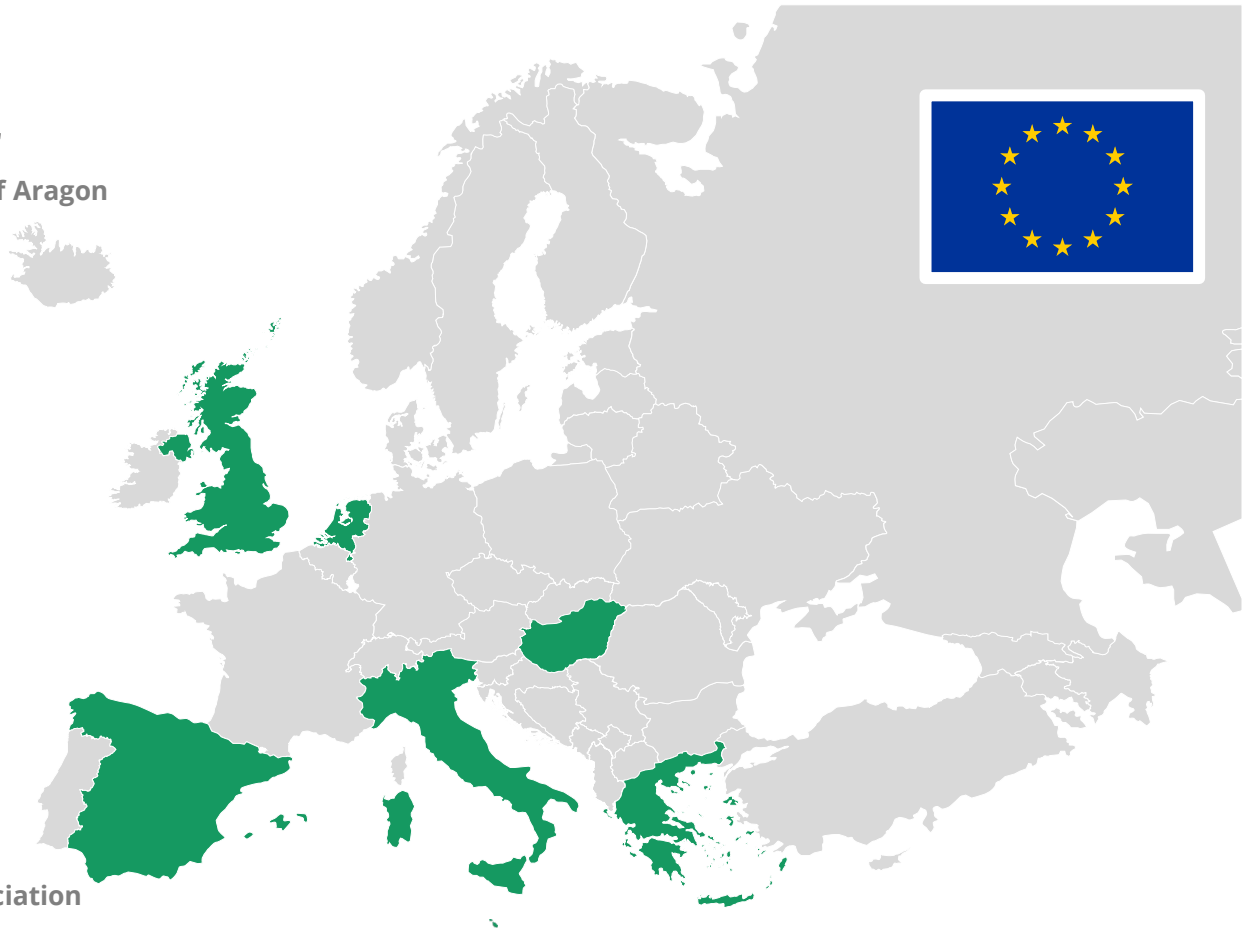
United Kingdom

Aberdeen City Council




Hungary


Pannon Business Network Association



Overall objective



SMART-HY-AWARE aims to promote hydrogen-electric mobility by tackling main infrastructural, technological (range anxiety related) and market uptake barriers related to hydrogen for electromobility through the improvement of PI linked to Structural Funds in Europe, addressing the transition to a low carbon economy, as clearly requested by objective 3.1 of the INTERREG EUROPE Programme.



Sub-objectives

1



Exploiting the potential of hydrogen technologies for electro-mobility involving the whole supply chain.

2



Improving regional and local strategies which focus on real needs for implementation such as giving impulses for new models of fuel cells integration.

3



Increasing efficiency of green propulsion in transport.

4



Improving renewable energy grids to cut down electrolysis costs and IT management applications to enable advanced planning of shortmid-term power productions and foster use of hydrogen power within distributed networks.

5



Increasing the deployment and the accessibility to refuelling infrastructure for both public and private sector in urban and rural areas.

6



Supporting the deployment of alternative fuel vehicles in public transport by setting up regional financial support schemes

7



Promoting and assessing new measures favouring public-private partnership (PPP) in e-mobility sector, by designing suitable PPP business schemes to trigger hydrogen mobility.

8



Enhancing the capability of public Authorities in developing effective policies for reducing the carbon footprint of transport activities.

Phases



PHASE I

- Scenario Definition
- Model of selection and transferability of good practices
- Design of Regional Action Plans
- Identification of innovative models for the production and storage of energy from hydrogen

PHASE II

- Implementation of regional action plans and evaluation of:
- Structural Fund policies to activate large-scale adoption of hydrogen mobility at the local level
- Communication actions to promote the use of hydrogen for local mobility.
- Economic and financial regime to adopt and implement large-scale local hydrogen mobility

Activities

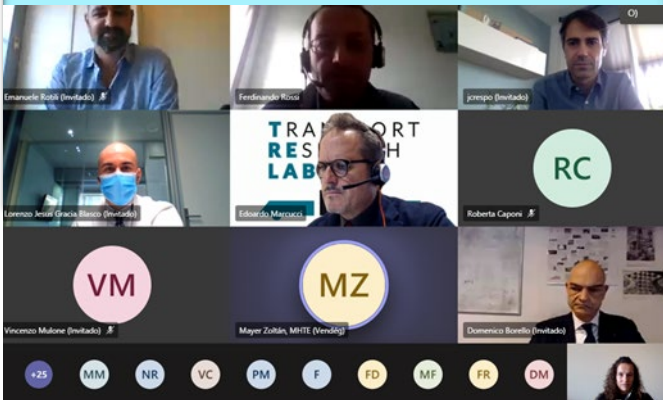
Interregional Site Visits 6



Interregional Workshops 6



Peer Reviews



Regional Stakeholders Meetings 30



Good practices

Hydrogen powertrains technologies for trains



Co-governance to promote hydrogen as an energy carrier in Aragon region



Policy Engagement with Hydrogen Technology in Aberdeen



24

Hydrogen Refuelling Stations



North East Scotland Hydrogen Ambition



Hydrogen Trucks in Aberdeen City



Regional Action Plans





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Thank you!

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Questions



Project smedia