

Baltic-H2-Economy: Promoting the development of integrated H2-Valley roadmaps with innovative concepts which serves as basis for regional H2 strategies and lays smart foundation for transition to H2 Economy in the Baltic Sea region. The Project focuses around H2 mobility system harmonization across borders enabling a coherent use of green mobility solutions. At the same time the project will shift mindset of companies and citizens towards positive perception of clean H2 technologies enhancing Green transition in the region via introduction of pilot projects, test areas and effective information propagation tools for the acceptance of H2 solutions.



Project Facts

Funding Scheme: Interreg Baltic Sea Region

Topic: Climate-neutral societies - Objective 3.3: Smart green mobility

Deadline date: 26 April 2022, 16:00 CEST

Planned project duration: 36 months

Requested project funding: approx. 2 Mio. EUR

Total project funding: approx. 2.5 Mio. EUR

Funding rate: 80%

Scope

A green and well-functioning cross-border mobility system is vital for the development of the region. The Programme supports the smooth movement of people and goods in and across urban and rural areas while saving resources by increasing efficiency, integrating different transport modes and accelerating digitalisation.

The Programme encourages the development of solutions that **harmonise mobility systems across borders and thus enabling a coherent use of green mobility solutions**. Further, the Programme encourages actions that enhance the capacity of public authorities in national, regional

and urban planning to introduce green and intelligent mobility solutions to reduce pollution in cities and towns and their hinterland. **The Programme wants to mobilise transport companies and citizens to actively use green and intelligent mobility solutions. In this way the objective does not aim only on introducing technical solutions but also on changes in mobility behaviours and demands.**

The **BSR-H2-Economy** project will act on three levels in line with the specific call text. First, the project will jointly establish national level H2 roadmaps and consequent strategies that are interlinked in the Baltic Sea Region level and establish a basis for H2 Economy framework on a cross-border level. Second, the project will promote the commercial uptake on company and general public level to form positive perception of clean H2 solutions and technologies thus opening pathways for widespread commercial demand. Third, the project will establish use cases and solutions to run pilot projects within the region to validate use and impact and accelerate green energy transition via clean H2 value chains.

Consortium Structure

The intended consortium consists of a central perspective of business support organizations (clusters, associations, other member organizations) that can provide access and collaboration with all stakeholders from the Quadruple Helix (Industry/Academia/Public/Society) perspective within the project. Additionally, academic, SME and other organizations are welcome in the consortium if they are not member of a previously mentioned member organization and can add value to the project.

Proposal Contact

Imants Martinsons

Green and Smart Technology Cluster / www.greentechlatvia.eu

+371 265 28 678

imants@greentechlatvia.eu

Project Structure

WP1: Preparing solutions
1.1 Full mapping of challenges and pain-points of industrial area projects partners
1.2 Full mapping of challenges and pain-points of industrial area stakeholders outside the project in BSR
1.3 H2 Valley concept and strategy development based on T1.1 and T1.2
1.4 Integrated H2 Economy concept development based on T1.3
1.5 Pilot technology test scenario development and finalization based on T1.3 and T1.4
WP2: Piloting and evaluating solutions
T2.1 Pilot project set-up and procurement based on T1.5 scenarios
T2.2 Implementation of Hydrogen Cartridge technology pilots
T2.3 Evaluation of pilot projects based on T1.5 KPIs
T2.4 Adjustment of Hydrogen Cartridge technology and/or pilot project scenarios
WP3: Transferring solutions
T3.1 Dissemination and communication activities
T3.2 Durability plan development and definition of the long-term business model
T3.3 Development of H2 open and interactive awareness and technology transferring hubs
T3.4 Technology transfer to project partners and other stakeholders

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