



# **MEMORANDUM OF UNDERSTANDING**

## **for the development of a transnational hydrogen refueling infrastructure in the Baltic Sea Region**

### **PREAMBLE**

The European Union's Alternative Fuels Infrastructure Regulation establishes a mandate for hydrogen refueling infrastructure along the TEN-T core network by 2030. The Baltic Sea Region, encompassing multiple member states and vital transportation corridors, demands coordinated and strategic action to fulfill this ambitious objective.

### **PARTIES**

This Memorandum of Understanding brings together the project partners of HyTruck, comprising regional and national public authorities, scientific research institutions, small and medium enterprises, an interest group and business support organizations from the Baltic Sea Region.

Project partners:

- Ministry of Economics, Infrastructure, Tourism and Labour Mecklenburg-Vorpommern (Germany)
- Ministry of Transport and Communications of the Republic of Lithuania (Lithuania)
- PSNM New Mobility Association (Poland)
- Vidzeme Planning Region (Latvia)
- University of Tartu (Estonia)
- Chalmers University of Technology (Sweden)
- RISE Research Institutes of Sweden (Sweden)
- Reiner Lemoine Institut GmbH (Germany)
- Localiser RLI GmbH (Germany)
- CLIC Innovation Ltd (Finland)

## CONTEXT AND PURPOSE

The undersigned parties, referring to the results of the HyTruck project,

**Acknowledging** the imperative to decarbonize heavy-duty transport in the Baltic Sea Region,

**Understanding** that successful hydrogen infrastructure implementation requires coordinated transnational action,

**Recognizing** that early adoption of hydrogen technology in the transport sector necessitates strategic support and incentives,

**Committed** to evidence-based decision-making and technological harmonization,  
hereby establish this framework for collaboration and development.

## PRINCIPLES OF COOPERATION

The parties agree to jointly encourage the development of a transnational network of green hydrogen refueling stations guided by these fundamental principles:

### 1. Infrastructure Coordination

Encouraging synchronized development that eliminates spatial gaps and technological incompatibilities across borders.

### 2. Economic Viability

Encouraging the establishment of sustainable business cases for hydrogen refueling stations.

### 3. Safety and Technical Standardization

Promoting unified safety protocols and emergency response procedures throughout the region.

### 4. Administrative Efficiency

Cooperating to facilitate streamlined and harmonized permission procedures.

### 5. Market Development

Promoting the creation of supportive conditions for first movers and early adopters.

### 6. Transparency

Enhancing clear communication about technological standards and their evolution.

## **PRIORITY AREAS FOR ACTION**

The parties commit to advancing the following strategic priorities:

### **I. Business Case Development**

- Advocating for establishment of framework conditions for viable operations of hydrogen refueling
- Fostering implementation of flexible and responsive system designs of hydrogen refueling stations
- Bolstering development of supporting financial mechanisms
- Strengthening coordination of incentive schemes among partners in Baltic Sea Region

### **II. Technical Standardization**

- Advancing the implementation of harmonized safety standards in Baltic Sea Region
- Collaborating in developing common emergency protocols among partner countries of origin
- Enhancing cross-border compatibility of hydrogen refueling stations
- Supporting the maintenance of technical documentation of relevant technical standards

### **III. Regional Cooperation**

- Coordinating efforts on completion of continuous refueling corridors in Baltic Sea Region along the TEN-T routes
- Promoting the synchronization of development timelines of hydrogen refueling stations
- Promoting knowledge exchange on hydrogen refueling station network development
- Encouraging further stakeholder engagement and the conceptualization of common projects

### **IV. Implementation Support**

- Cooperating to deploy planning tools developed in HyTruck project
- Assisting with sharing regional data and analyses further enhancing the outcomes of HyTruck project
- Observing the development progress of hydrogen refueling station network in Baltic Sea Region
- Encouraging the streamlining and aligning of permission procedures regarding hydrogen refueling infrastructure for heavy duty transport among the partners in Baltic Sea Region

## COMMITMENTS

The undersigned parties hereby commit to:

1. Provide access to relevant information about hydrogen-related activities and developments in heavy-duty transport within the partnership and with the public
2. Share the planning tools and methodologies from the HyTruck project for developing a hydrogen refueling station network
3. Advocate for the harmonization of standards and procedures among partner countries of origin
4. Endorse hydrogen technology adoption in heavy-duty transport sector
5. Cooperate with stakeholders in respective countries of Baltic Sea Region
6. Take part in coordination meetings and working groups to fulfill these commitments

## DURATION AND REVIEW

This Memorandum of Understanding represents our enduring commitment to developing sustainable hydrogen infrastructure in the Baltic Sea Region. It serves as a foundation for continued collaboration beyond the initial project timeline.

## Signatures



Mecklenburg-Vorpommern  
Ministry of Economics,  
Infrastructure, Tourism  
and Labour

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