

Assessment of a possible shift from road and rail to IWT – the Swedish EMMA pilot

The Swedish EMMA pilot develops a technologically and economically viable concept for bulk transports within the Stockholm area and the Lake Mälaren, and investigates whether it is possible to shift the distribution from road transportation to a sea-based logistics solution on the inland waterways of Lake Mälaren. The main goal is to develop a commercial and sustainable distribution model that enables a demonstration of inland waterways distribution on Lake Mälaren.

The Swedish pilot also elaborates a technical concept for inland waterways barge prototype that is adjusted to the Swedish conditions. The pilot investigates barge types and identifies suitable vessels for Swedish purposes that are used as use cases for the study on ship transferability assessment. The study is conducted by the Swedish shipping company Avatar Logistics AB in cooperation with European actors in ship construction, inland waterway barging, and classification societies.



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EMMA

Enhancing Inland Navigation



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Enhancing freight mobility and logistics in the Baltic Sea Region by strengthening inland waterway and river-sea transport and promoting new international shipping services

EMMA in brief

Port of Hamburg Marketing developed the three-year-long EMMA project with 21 partners from five Baltic Sea Region (BSR) countries: Germany, Finland, Lithuania, Poland, and Sweden.

EMMA tackles the challenges and opportunities concerning the inland- and river-sea shipping (IWT), focuses on enhancing inland navigation in the BSR, and fosters a better integration of IWT in transport chains and the EU Strategy for the BSR.

The holistic approach of EMMA includes regional and national administration as well as policy and industry level, setting the possibility for a real change and long-term impact of results.

EMMA partners develop efficient transport solutions together and proof their feasibility. In order to assure cross-region applicability and benefits, the pilot activities will be jointly developed during the EMMA project.

Benefits of EMMA

- Improving competitiveness of IWT
- Strengthening the future development of IWT
- Identifying possible new IWT services
- Raising the awareness of the potentials of IWT
- Ensuring better standing of IWT in policy and society
- Five pilot activities proving feasibility of IWT in the BSR

EMMA appointed as flagship project by the EC

The European Union Strategy for the Baltic Sea Region (EUSBSR) is the first macro-regional strategy in Europe. It aims at bringing together initiatives in different sectors as well as promoting cooperation between stakeholders in the Baltic Sea Region (BSR).

The Strategy also promotes flagships in the BSR, which have a macro-regional impact and start from joint initiatives involving partnership from different countries. EMMA was approved as a flagship project in the Policy Area Transport. This reflects the importance the European Commission attaches to the further development of inland navigation in the BSR.

EMMA also cooperates with the 'Good Navigation Status' initiative, a study tendered by the European Commission DG MOVE on support measures for the implementation of the TEN-T Core Network related to sea ports, inland ports, and inland waterway transport.

21 Project Partners • 48+ Associated Partners • Project Budget 4.4 Million € • ERDF Funding 3.4 Million € • Duration 3/2016 – 2/2019