

Digital map with status information on waterways – the German EMMA pilot

In the German pilot, EMMA partners focus on improving transport management with the development of an IT prototype that provides information relevant to the planning and operation of IWT. This is done using available data sources such as RIS (River Information Services) and combining it with necessary information for planning into one map-based web application.

The public section of the web application provides a real-time overview of the status of inland waterways in the region. It includes the status of infrastructure as well as general traffic information, thus informing for instance about water levels, obstructions, traffic density, and lock waiting times. The private section of the prototype is an add-on to the publicly available functions. It provides tailor-made services for vessel owners with limited data visibility for authorized users e.g. route- and fleet planning services.

The web application provides benefits especially for shippers, transport organisers, vessel owners, and skippers. The digital map focuses geographically on the northern German waterways, including the Midland Canal, the Elbe Lateral Canal, the Elbe River, the Weser River, and the Berlin area up to the Odra River. Once the system is tested it should be transferred to other waterways in the BSR and beyond.



Contact: Arne Gehlhaar, gehlhaar@isl.org
ISL - Institute of Shipping Economics and Logistics



www.project-emma.eu



@project_emma

Lead Partner: Port of Hamburg Marketing
Pickhuben 6, 20457 Hamburg, Germany
emma@portofhamburg.com



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