

## REWWay – Research and Education in Inland Waterway Logistics

REWWay is the result of a cooperation between Logistikum Steyr and viadonau (The company viadonau is responsible for the Austrian Part of the Danube). The aim of the project is to promote the topic of inland waterway logistics in national and international research and educational facilities. In fact, the focus is to train logisticians with knowledge on eco-friendly inland navigation and its connection to other modes of transport.

Inland navigation and railways operate at a low noise level and prevent congestions on roads. Nevertheless, trucks are used for the majority of freight transport. In fact, people tend to lack knowledge concerning inland navigation and its connections with other modes of transport. Therefore, REWWay generates didactically valuable materials to close this gap.

The cooperation between Logistikum Steyr and viadonau started in June 2012. The cooperation has been renewed twice and is currently running until 2022. The aim of the competence center for inland waterway transport at the Logistikum Steyr, which was developed within the cooperation, is the integration of inland navigation (especially Danube navigation) into the logistics education and training as well as increasing the acceptance of the inland waterway as a transport mode.

### Development of target group specific contents

Based on national and international market research, including workshops and interviews, target group specific contents

- of all kinds (PowerPoints, scripts, short films, exercises/solutions, case studies, serious games,...)
- user-friendly, individually adaptable and easy to update (Creative Common Licenses, no copyright)

on relevant topics were created and are now available free of charge on our online information platform ([www.rewway.at/en/](http://www.rewway.at/en/)).

REWWay pays attention to high actuality of the content and on the integration of new trends like Physical Internet, Synchromodality or alternative fuels.

### (Inter)national networking between educational institutions, economy and research

An important foundation for the competence center's development is the creation of know-how. Projects such as the joint development of the Manual on Danube Navigation or events concerning inland waterway transport support this development. Moreover, the participation in other publications is planned to ensure that knowledge is up-to-date. Another important part of REWWay is the development of offers for the industry. These offers include for example

seminars, workshops, specialized lectures and networking events. (Inter-)national networking between educational institutions, economy and research by:

- organisation and arrangement of Transport School Labs
- guest lectures
- joint projects
- case studies
- best practice examples,...

### Transport School Lab

Another pillar of REWWay are Transport School Labs, which are interactive workshops. During the Transport School Lab participants experience sustainable transport of goods in an interactive and practical setting. Transport school Labs take place on a regular basis in Austria and abroad.

Currently, REWWay is working on four research assignments:

#### 1. Quality assurance, management and further development of existing REWWay offers in a national and international context (2019 -2022)

This contract aims to ensure the quality assurance, management and further development of existing REWWay offers. Furthermore, national and international Transport School Labs are held within the scope of this contract.

#### 2. Emissions from the transport of goods by waterway (2019-2020)

The emission load, the saving potential as well as potential future trends for saving emissions from goods transport on the Danube waterway are currently investigated in detail within this subproject of REWWay.

#### 3. Knowledge transfer made easy - from A to B on the Danube (2020-2022)

This assignment is intended to develop (and collect) age- and target-group-specific formats and content for primary and lower secondary schools, including the holding of initial training sessions.



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#### 4. Inland waterway transport in times of crisis (2020-2022)

Within this assignment strengths, weaknesses, opportunities and threats for inland navigation in times of crisis will be investigated. In addition, it will be investigated which effects on inland navigation occurred due to different crises.

REWWay's objectives are in line with EU transport policy and Austrian transport policy.

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