

## High Performance Green Port Giurgiu Facts & Figures

Funded under the Trans-European Transport Network TEN-T 2012, the project started in July 2013 is focused on delivering the preparatory feasibility studies & technical designs in order to transform the port of Giurgiu into the first Green Danube Port. The partnership structure conceived as a private-public cooperation between Austrian & Romanian counterparts is also believed to offer a good-practice example to all the other Lower Danube Ports interested in re-shaping themselves into highly performant intermodal hubs.

Implementation schedule	07/2013-08/2015
Member States Involved	Austria & Romania
Project Partners	<ul style="list-style-type: none"> <li>ILR Logistica Romania SRL – Coordinator</li> <li>Industrie-Logistik-Linz GmbH</li> <li>SC Administratia Zonei Libere Giurgiu SA</li> <li>Giurgiu Municipality</li> </ul>
Project budget	800,000 EUR
EU-funding rate	50%

Table 1 Project Facts & Figures

## Current Status

Rapidly approaching the project completion date on 31<sup>st</sup> August 2015, the consortium members have worked hard on elaborating the deliverables that are meant to fulfil the 3 specific objectives listed in Figure 1. To this end, several studies have been written in order to give a holistic approach on the re-conversion of Giurgiu Port taking into consideration the as-is situation, the environmental factors at stake, the technical designs as well as the economic & financial implications.

### Objective 1: Analyze the current situation in Giurgiu Port

Extensive research has been done in order to describe the technical & operational situation of the Port, but also to highlight its potential for the future, while taking into account the current state of the Romanian Logistics market and the potential customers that could be interested in doing business in this area. Furthermore, the environmental factors affecting the port area were also carefully assessed.

The results are reflected in a series of documents elaborated at consortium level, such as:

- Report on technical and operational status-quo analysis of Giurgiu Port
- Report on the potential of the port and its capacity for the future
- Report on Market Analysis for Giurgiu Port
- Environmental assessment of Giurgiu Port

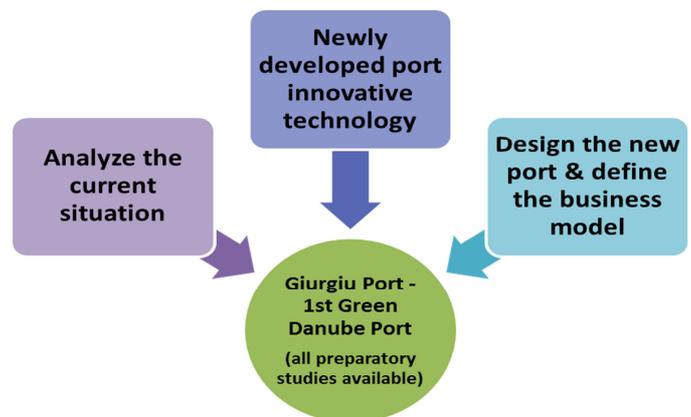


Figure 1 Project Objectives

### Objective 2: Newly developed port innovative technology

Taking into account the best practices examples provided by the Port of Rotterdam, the Port of Hamburg and the Port of Duisburg, the consortium members elaborated a list of relevant eco-measures to be applied in Giurgiu Port. These are reflected in the **Report on selected eco-measures and assessment of their relevance for Giurgiu Port.**

Legal steps have also been taken in order to clarify the area where the tri-modal logistics terminal could be built in Giurgiu area and an understanding was reached between Giurgiu Municipality & ILR Logistica Romania. **On 29.10.2014 a concession contract was signed** between the parties establishing that 24.449 sqm would be allocated for the development of the tri-modal terminal.

In order to adapt the infra & super-structure from the area to the needs of the customers and to the cargo circulating on the Danube several steps have been completed by the project partners. Among these are the following:

- **Concept & technical design for the railway connection – ILR**
- **Concept for storage and warehouse facilities & the concept for transhipment facilities – ILR**
- **Hydrographic study of Veriga Basin – ILR**
- **Land-use planning concept including topographic measurements – Giurgiu Municipality**
- **Feasibility study & technical design for quay rehabilitation – Giurgiu Free Zone Port Administration**
- **Feasibility study & technical design for road access – Giurgiu Free Zone Port Administration**

These technical studies have allowed the consortium to further advance with the issuance of the town planning certificates, environmental agreements for the execution of the works and the building permits.

Relying on its experience in Linz intermodal terminal, Industrie Logistik Linz GmbH (ILL) has focused on describing the enhanced port & logistics chain information & management system suitable for the future tri-modal terminal in Giurgiu. The operational requirements needed for the current and future customers of the terminal have also been analysed in a specific report.

**Objective 3:  
Design the new port & define the business model**

Based on the studies previously elaborated and in collaboration with the company that designed the tri-modal terminal in Linz Port, ILL & ILR are working on established the finalized port layout plan. The final design of the tri-modal terminal will be presented to all stakeholders on **25.06.2015 in Giurgiu**, as part of a **Public Port Information Day**.

In planning the reconversion of Giurgiu into a High Performance Green Port, a business & implementation plan has also been elaborated. The forecasts made take

into account a period of 25 years for the operating revenues (Euro/to) as well as outbound traffic tonnage. The services expected to be provided at the tri-modal terminal include:

- Transhipment of steel products
- Storage
- Transport activities
- Value-added services

**Next Steps**

The final form of the deliverables and a 3D-model of the High Performance Green Port Giurgiu will be presented to all Danube stakeholders on 25.06.2015 in Giurgiu. This day marks the final project press conference as well as the Public Port Information Day. The event will be hosted by Giurgiu Municipality.

Furthermore, the consortium has also taken a step further in order to build the tri-modal terminal in Giurgiu area. On 25.02.2015 an application form was submitted within the framework of the Connecting Europe Facility, under the title *High Performance Green Port Giurgiu Stage II – Construction*. This project is estimated at approx. 16 Million EUR and it is expected to start in September 2015.



Figure 2 Giurgiu Tri-modal terminal

For additional details about the project status & the next steps regarding the building of the tri-modal terminal in Giurgiu area, please visit:

<http://www.ilr.com.ro/projects/high-performance-green-port-giurgiu>