

## MULTIMODAL TRANSPORT OF BULK CARGO ON THE DANUBE

### What is the ambition?

- Volumes of the EU freight transport sector is expected to increase by 80% until 2050.
- To absorb this growth, enlargement of the existing road network or building of new highways shall be avoided as long as we have free capacities on the inland waterways.
- Currently the transportation chain by inland vessel is characterized by having mainly **one seller - one buyer - one product - transported by one vessel**.

The demonstrator will “revolutionize” the market by proposing a multimodal solution to transport any kind of product. Regardless if bulk and/or general cargoes (also palettized), all **cargoes** can be transported in this way.

Additionally, when facilitating transshipment activities (even during low water condition) it will improve resilience, terminal operations, reduce costs, and achieve a significant CO2 reduction.

**Innovation and collaboration are crucial to support this demonstrator.**



### What are the strategic objectives of the demo?

Connecting multiple sellers and buyers and the usage of multimodal equipment will create a **win-win situation for carriers and shippers, creating new business models for fertilizer, grains or even the general freight transport industry.**

Transshipments would be less affected by negative externalities, therefore, cargo loss, low water surcharges or interim storage costs could be reduced significantly, and cycle time would become more predictable.

By introducing multimodal solutions for the transport of any cargo, as long as it is containerized, the EU could get closer to achieve its green objectives, hence, it will be able to reach the target of increasing the sector volumes by 25% till 2030 and respectively by 50% until 2050.

In addition, **all key end-users of this solution will access more easily to river transport and significantly reduce their CO2 emissions while benefiting from flexibility.**

### Target groups and potential benefits



#### Target groups

- Shippers
- LSPs
- Port operators



#### Potential benefits

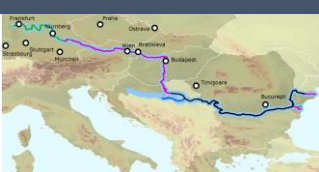
- Economic benefit of transporting bulk goods by standardized ITUs
- increase in turnover for the shippers
- Increase of the loading capacity bringing more flexibility

### Learn more



#### Demo locations:

#### Rhine Danube Corridor



#### Partners involved:



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Funded by the European Union

The project receives funding under the Horizon Europe Call “Safe, Resilient Transport and Smart Mobility services for passengers and goods” | Call ID: HORIZON-CL5-2021-D6-01, Grant ID: 101069796