

## Smart Track for Waterway in a nutshell

- The ST4W project is a European "Interreg NWE" project, which aims to foster inland waterway transport through multimodal hierarchical tracking.
- Hierarchical tracking allows the interconnection between different existing tracking data sources :
  - Truck tracking
  - Vessel tracking
  - Tracking of logistics units such as pallets, big bags, containers, etc.
- Thanks to the collection of these already existing but fragmented data, it is possible to track goods from end to end, along a multimodal transport.
- The interconnection of these data allows, for example :
  - Updating the successive status of the goods along the multimodal journey
  - Automatic alert in the case of deviation between the schedule and its execution
  - A better approach to the Estimated Time of Arrival for each transport segment
  - Collection of proof of delivery for each logistics unit
- Thus, the ST4W project proposes a waterway transport management solution allowing the different actors of a multimodal logistics chain to share tracking data of goods at all stages of transport, including pre- and post-transport.
- The last phase of the project proposes an extension to the last mile in the city by interconnecting river transport with urban multi-modality.