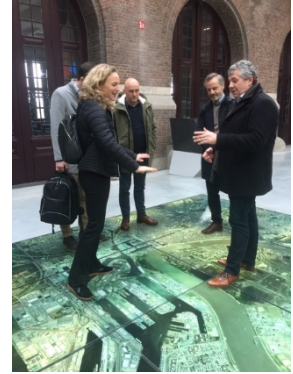


Visits in Port of Rotterdam and in Port of Antwerp

In January the project visited Netherland and Belgium where the aims was to understand the ports investments in technology as well as how they are preparing for autonomy. A great thanks to Harmen van Dorsser in Rotterdam and Piet Opstaele in Antwerp for the invitation we got. It was very interesting to understand how the connection to inland waterways are organised, as well as how the traffic is monitored and managed. Some of the conclusions from our visits was:



- Digitalisations today are important, but the future will be more digitalised than today
- Sharing of information for awareness is key for success, where the collaboration between vessels, ports, and operators are part of the picture. Smart ports are the future, and living labs are facilities offered by the ports.
- In the traffic management domain new technologies are testing out, and the ports have big programs regards port digitalisation (port infrastructure, Lidar, Radar, Camera, communication, ...)
- Standardisation must be prioritised, this counts for both information objects as well as a common way of presenting data.
- Inland waterways are import transport corridors that will need new technology and modernisation, this also for the vessels. Today the vessels are often family driven, but this might be changed in the future.

