BDI: Transport tracking system

Funded by the European Union
NextGenerationEU
Current situation  Information about locations, arrival and departure times of vessels is not shared or is shared too late.

certainly not beforehand with parties who need this information from the maritime chain for their processes, such as shipping companies, agents, terminals and (nautical) service providers.

Vessel departure time from previous port  Info is shared with port  Further along the chain, there is no information or the information is out of date.
There is a lot of uncertainty in the maritime chain about the arrival, location and departure times of a vessel. Overall impact: inability to make the planning of the port and surrounding infrastructure more efficient (port call optimisation & Just in Time sailing).

There is no real-time insight into when the vessel will arrive and whether there is any delay.

What time will the vessel arrive?

When can we discharge?

When are we expected to deliver our services to the vessel?
Portbase allows data owners (shipping companies, agents, harbour master, terminals, etc.) to share additional data beyond the legal obligations.

Who is permitted to view the data?

The data owner decides.

Data owners

Shipping companies
Port authorities
Agents

Data@source
Everyone is aware of the same information
How are we resolving this?

The Vessel Visit API provides real-time updates on a vessel's expected and actual arrival and departure times at a port (ETA, ATA, ETD and ATD).

This allows buyers (including those outside the port) of this information to optimise their planning and improve communication to their end customers.

Also shows which terminals and quays the vessel calls at, as well as which berths were visited by the vessel at what times.
The (authorised) sharing of data brings efficiency and transparency to the maritime supply chain. Parties are proactively informed by Events that can serve as triggers for their IT systems. Only the data for which they are authorised in the Authorisation Register is shared.