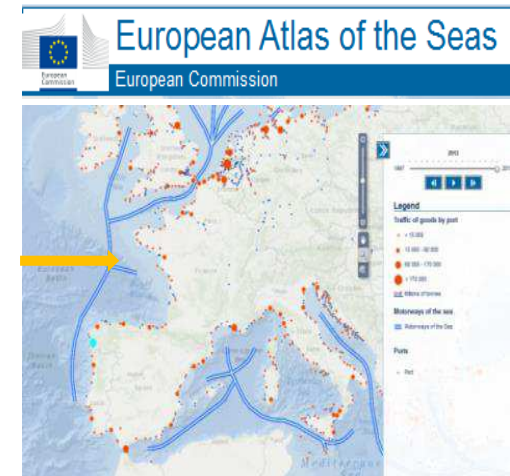


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Nantes Saint-Nazaire Port Authority

- ▶ **A major port on the Atlantic coast**
 - . 4th French port
 - . 1st port on the French and 3rd port on the European Atlantic coast
 - . Traffic in 2016 : 25 million tons (energy, containers, ro-ro, bulk, etc)
 - . Estuary port with transfers by river barges
- ▶ **A port connected to the European Union and the world**
 - . Node of the TEN-T core network close to the Atlantic Corridor
 - . Connected to the central railway network
 - . More than 60% of exchanges with the EU
 - . Connected to nearly 500 ports around the world
- ▶ **A port committed in the ecological and energy transition**



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Port risk security study on marine LNG (Activity 2)

- ▶ A **risks assessment** should be carried out to set the rules for authorizing this type of refueling, but also ‘barge to ship’ and ‘ship to ship’ scenarios.
- ▶ A more precise study should be carried out **to identify hazards** in different sites of the Port. The hazard identification study will aim **to ensure that the security and operational risks are eliminated** by clearly identifying:
 - ▶ The risks of LNG bunkering operation by one or more tankers.
 - ▶ The impact of bunkering LNG on the port operation and surrounding facilities.
 - ▶ The application of safety barriers to prevent the risks.
 - ▶ The implementation of additional measures to reduce the risks.
- ▶ After the risks assessment, the local regulation concerning handling dangerous goods will be adapted to allow LNG refuelling operations.

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