



**Porto
de Aveiro**



**Porto da
Figueira da Foz**

**Ports and the Marine
Litter**

18th November 2021

CENTRE REGION

Where we are



2,4 million



519km to Madrid

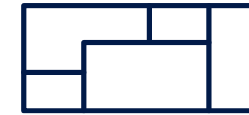
1,100km to Barcelona



Who we are

Ports are multimodal hubs – an interface between land and water, that serves to transfer goods between maritime, road and rail modes of transport.

Global ports handle over 80 percent of global goods trade in volume (ton).



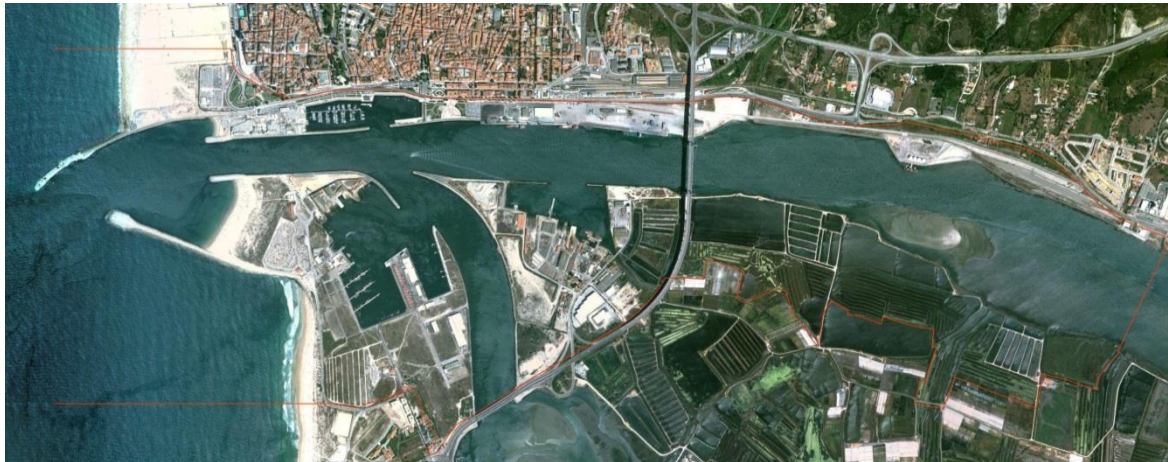
Legal Framework

- Directive (EU) 2019/883 of the European Parliament and of the Council of April 17th 2019, on port reception facilities for the delivery of waste from ships:
 - Ports are obliged to have facilities to receive all the waste delivered by vessels and boats,
 - Ports should receive for free all the fishing gear waste or passively fished waste ashore, collected and delivered by vessels/boats.
- Under the Portuguese law, ports also have to collect and manage marine litter that remains in the area under their jurisdiction with respect to:
 - the water surface,
 - the water column, and
 - the seabed/riverbed.



Jurisdiction area

Jurisdiction area – 1,700 ha
Wet area – 778 ha



Jurisdiction area – 651 ha
Wet area – 372 ha

Safety for navigation

- Big waste or fishing nets are a problem to the navigation safety:
 - Ships can hit larger waste/debris putting the navigation at risk
 - Small boats may hit medium/larger waste/debris or fishing nets and have boat or propeller problems.

- **Remote sensing can help Ports to earlier locate the marine litter, clean or remove it as soon as possible, in order to prevent its spread and navigation incidents.**



Thank you

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