



Baltic (larger and smaller) ports – paving the way for green and blue future

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Baltic Sea ports as drivers of the sustainable blue economy:
Making the Green Deal a reality

22/10/2021



BPO – who we are?

BPO – Baltic Ports Organization



established
October 10, 1991
Copenhagen



nearly 50 members
major ports in the 9 countries



registered in Estonia
Port of Tallinn headquarter



office in Gdynia
Poland





BPO – who we are?

BPO's mission

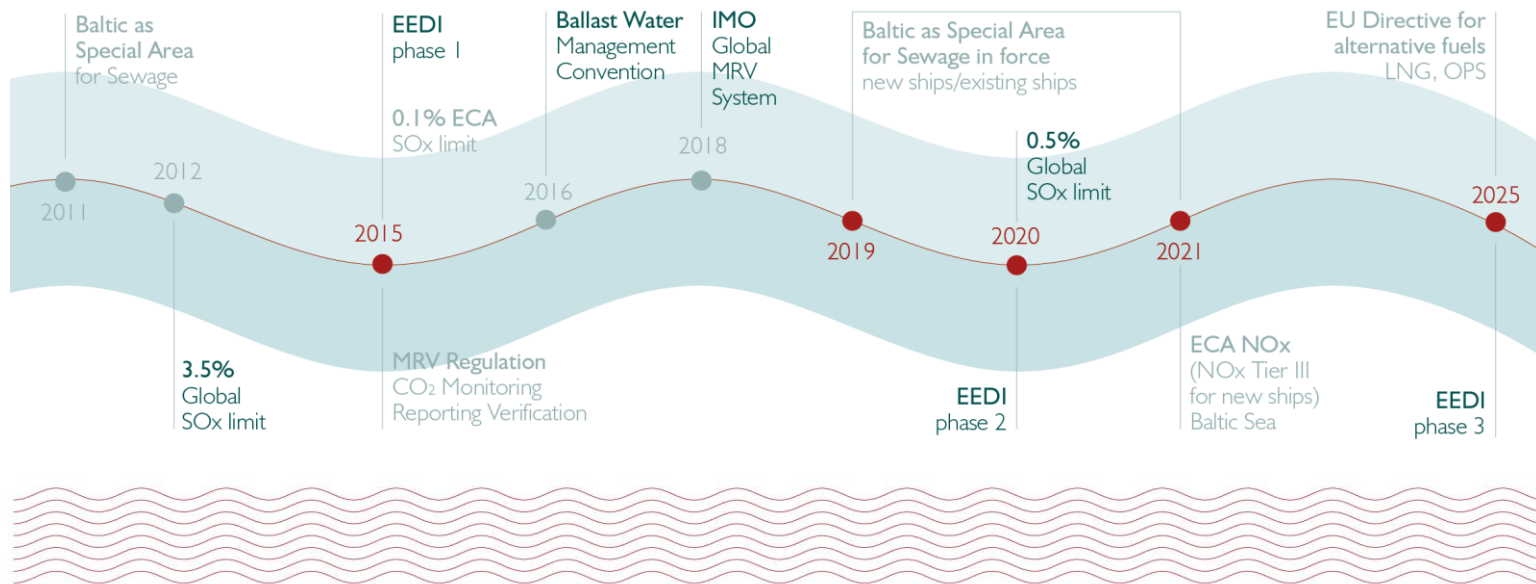


The BPO's mission is to **contribute to sustainable development** of maritime transport and the port industry in the Baltic Sea Region, thereby **strengthening its global competitiveness**.





Regulating maritime transport in the Baltic Sea Region

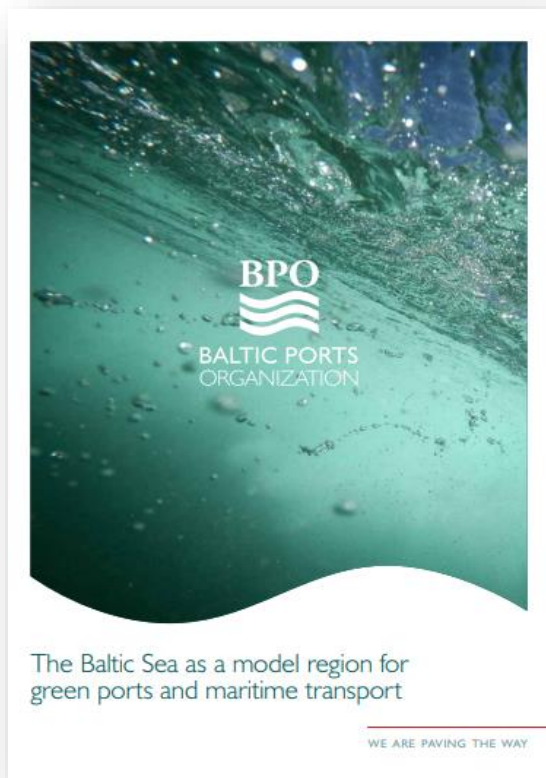




BPO policy

The Baltic Sea as a model region for green ports and maritime transport

Adopted at BPO General Assembly, Helsinki, September 2016





Baltic ports with LNG bunkering experience



Source:
Motus Foundation



Onshore Power Supply (OPS) in Baltic ports



Source:
Motus Foundation



Ports role in GHG emission reduction

- Calculating GHG emission
- GHG emission reduction strategy in ports
- Investments



Case study

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Port of Helsinki is said to be climate neutral by 2035

Case study

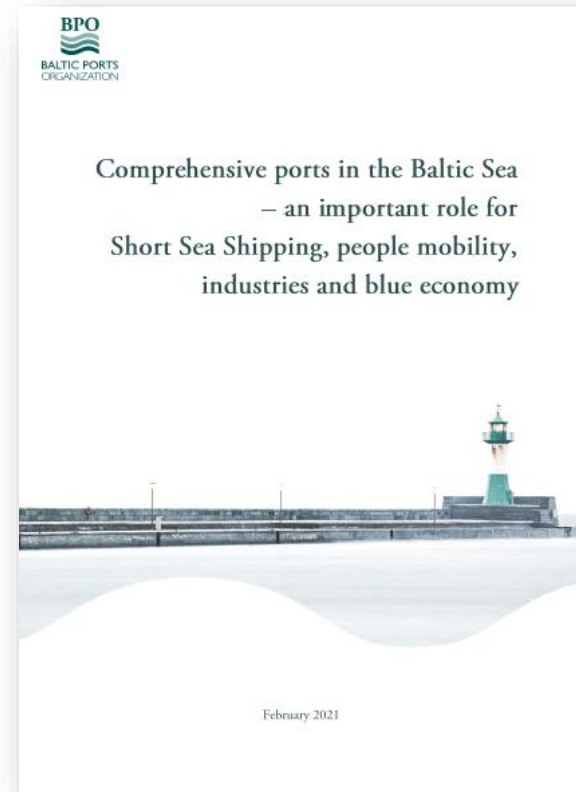
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Port of Tallinn to use only locally produced green electricity





Comprehensive ports in the Baltic Sea

Comprehensive ports
in the Baltic Sea – an important role
for Short Sea Shipping, people
mobility, industries and blue economy





Comprehensive ports in blue economy

Rønne, Denmark

The Danish port of Rønne is one of the most significant examples in the comprehensive network where not only the cargo handling is provided or the ferry passengers are served. The new offshore infrastructure attracted investors also because of its unique facilities constructed specifically to handle projects with extreme weights.

Sassnitz-Mukran, Germany

The Port of Rønne is not the only one aiming for a place in the blue economy. Port of Sassnitz-Mukran also take part in offshore industry. Its location directly on the open sea provides the shortest sea connection without time-consuming channel navigation from Germany to the Baltic States. The easy port approach, without estuary pilot services, ensures distinct cost advantages for installation and service logistics.



Source:
Actia Forum



Project concept: Baltic ports for climate

Idea of the project

- Further development and construction of OPS in ports;
- Preparation for bunkering of new fuels (hydrogen, ammonia, methanol) and energy charging;
- Preparation of use of new fuels: hydrogen, ammonia, methanol and electric: for service ships, for port vehicles;
- Planning: ports as a hub for new energy and fuels;
- Master planning for getting into climate neutral ports;
- Pilot projects – to be defined.

Project will be divided into modules: investment module, planning/study module, stakeholder platform module, project management & dissemination module.

Fifteen ports responded.

How many of them planning to join BPO initiate?





General comments

Baltic is a model region for green ports

Regional approach towards climate change

Many good examples from Baltic ports

EGD would cause a change and challenge in EU port industry

- fossil fuels – down
- new energy – up
- climate strategies and investments





Baltic ports

We are paving
the way.





Go Baltic!

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- events.

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