



Current issues in Baltic ports

Bogdan Ołdakowski, BPO Secretary General



Project HAZARD Final Conference
15 March 2019, Tallinn



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**.





BPO Tag Map

What we deal with?

Russian Economy EFFICIENCY EU Economy
Environment
TEN-T/CEF Comprehensive Ports
Green Ports **SECA** NECA **OPS**
Cooperation **Sewage**
Core Ports **Synergies** Investements
Waste From Scrubbers **LNG**
Bigger Ships Port Package
Ports 4.0 Projects **GHG**





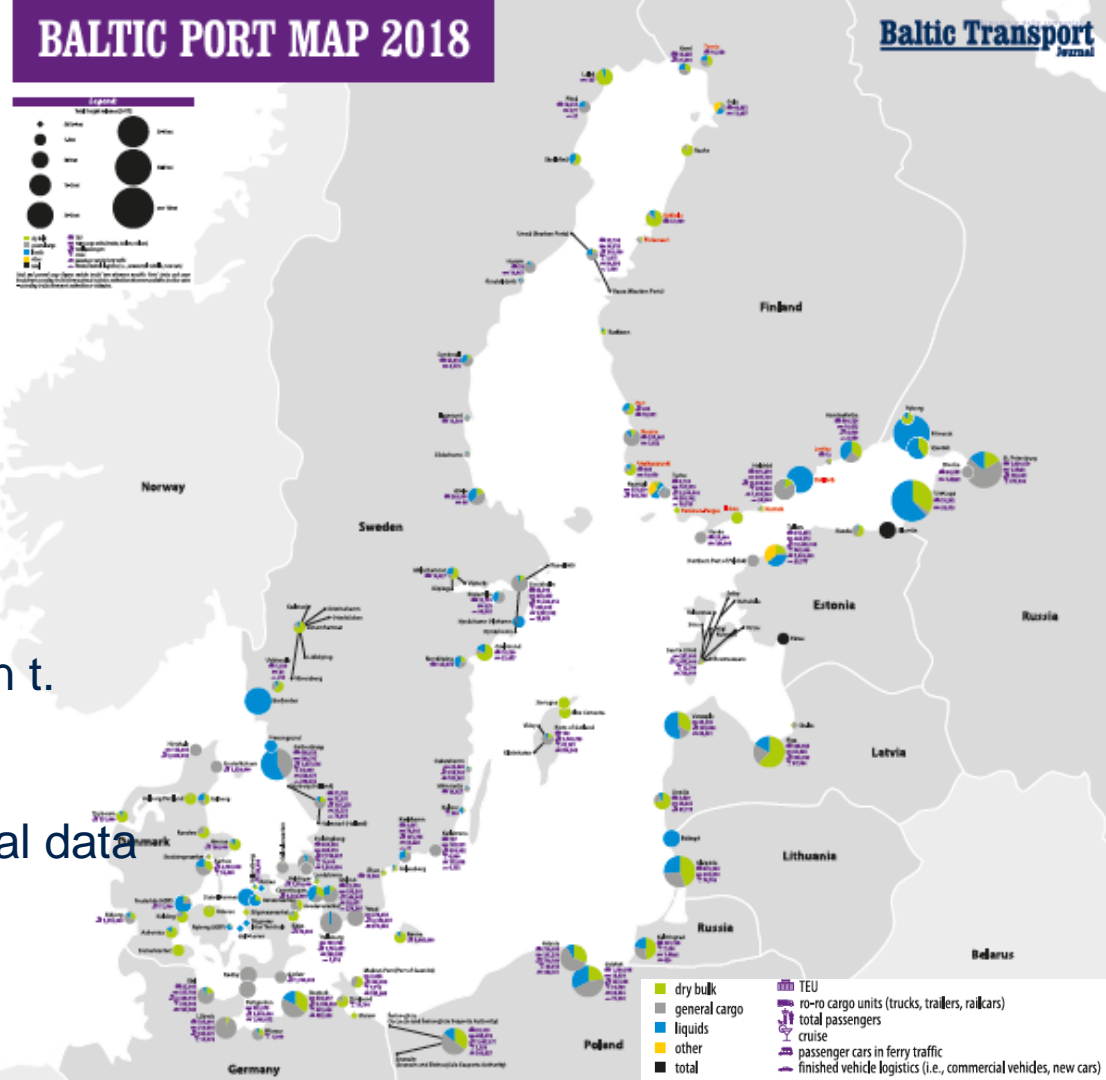
2017/2010 (%) **+11.7**

2017

- Record year: above 900 mln t.

2018

- positive trend but lack of final data



Baltic port market

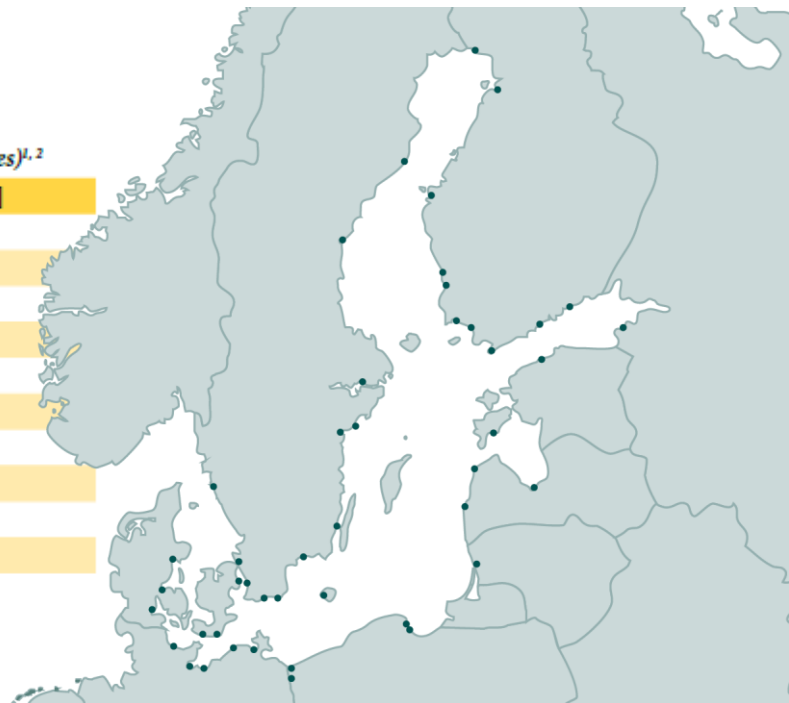
Tab. 1. Baltic Sea region ports' total cargo turnover in 2016-2017 (thousand tonnes)^{1, 2}

Nº.	Country	2017	2016	2017/2016 [%]
1	Russia	247,494	236,599	+4.6%
2	Sweden	175,314	171,324	+2.3%
3	Finland	109,408	105,016	+4.2%
4	Denmark	94,558	95,831	-1.3%
5	Poland	78,437	72,934	+7.5%
6	Latvia	61,877	63,116	-2.0%
7	Germany	54,453	53,048	+2.6%
8	Lithuania	52,913	49,440	+7.0%
9	Estonia	34,797	33,623	+3.5%
	Total	909,251	880,931	+3.2%

¹ All tabs.: All Danish seaports

² All tabs.: German and Russian Baltic seaports only

Source: Baltic Yearbook 2017/2018



Baltic containers market



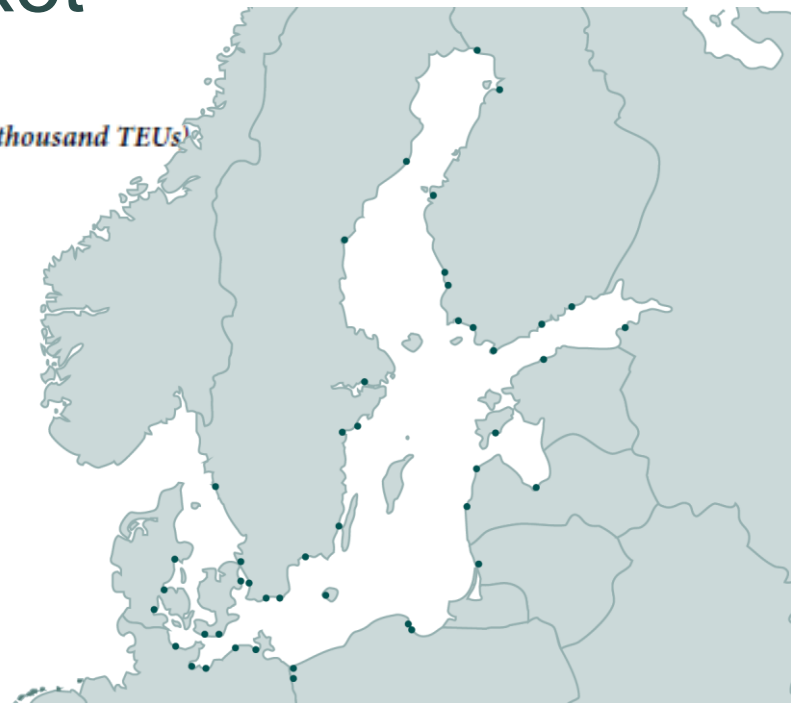
Source:
Baltic Yearbook 2017/2018

Baltic containers market

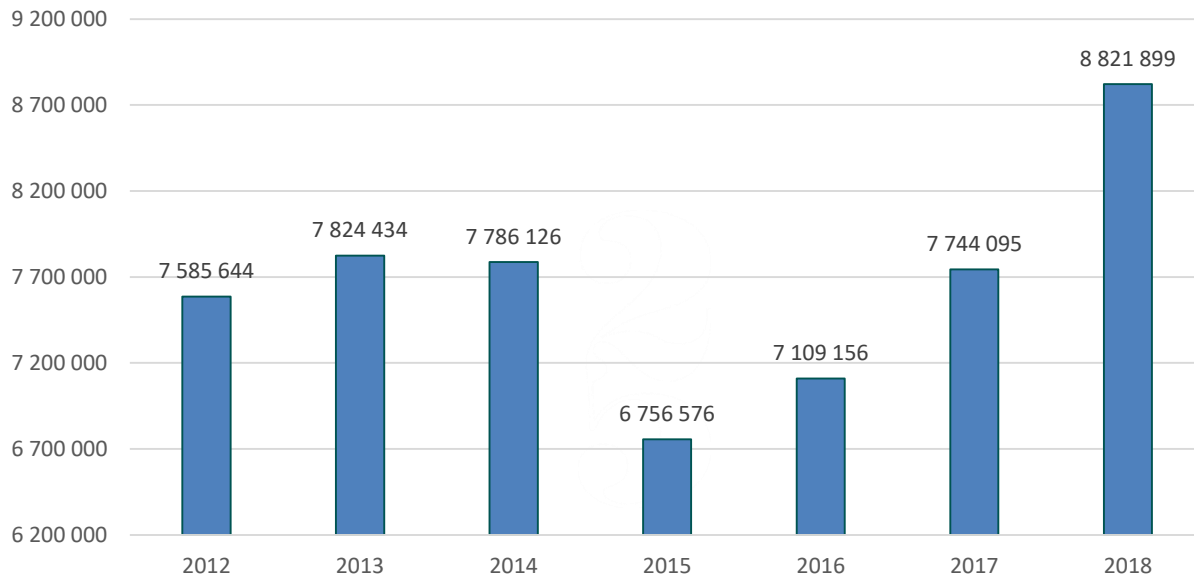
Tab. 17. Baltic Sea region ports' total container traffic in 2016-2017 (thousand TEUs)

Nº.	Country	2017	2016	2017/2016 [%]
1	Poland	2,385	2,043	+16.7%
2	Russia	2,235	2,018	+10.8%
3	Finland	1,635	1,510	+8.3%
4	Sweden	1,560	1,506	+3.6%
5	Denmark	820	764	+7.3%
6	Lithuania	472	442	+6.8%
7	Latvia	450	388	+16.0%
8	Estonia	230	204	+12.7%
9	Germany	163	105	+55.2%
	Total	9,950	8,980	+10.8%

Source: Baltic Yearbook 2017/2018



TOP 10 Baltic container ports in 2012-2018 [TEU]



Source: Port Monitor, actiaforum.pl/en/





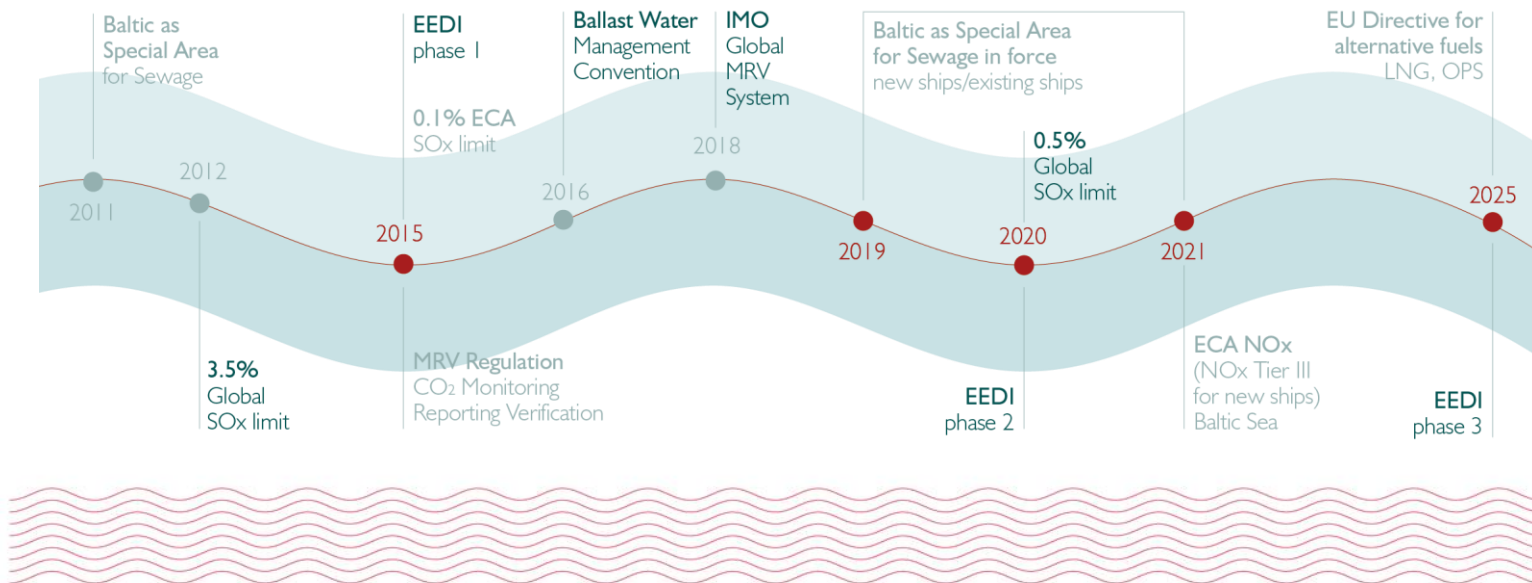
BPO policy

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

Adopted at BPO General
Assembly, Helsinki,
September 2016



Regulating maritime transport in the Baltic Sea Region





Sewage from passenger ships

BPO is a part of PRF Cooperation Platform at HELCOM

The screenshot shows the HELCOM website interface. The top navigation bar includes links for HOME, ABOUT US, HELCOM AT WORK, BALTIC SEA TRENDS, and ACTION AREAS. The main content area is titled 'PRF COOPERATION PLATFORM' and 'HELCOM COOPERATION PLATFORM ON SPECIAL AREA ACCORDING TO MARPOL ANNEX IV (SEWAGE)'. It describes the platform's aim to promote dialogue and exchange experience on good practices in planning, implementing and operating Port Reception Facilities (PRFs) for sewage. A sidebar on the left lists various topics under 'Maritime', with 'PRF Cooperation Platform' highlighted. Below the main text, there is a map of the Baltic Sea showing shipping routes and port locations.

HELCOM
Baltic Marine Environment Protection Commission

HELCOM Overview 2014
Revised Second Edition

Baltic Sea Sewage
Port Reception Facilities

Home / HELCOM at work / Groups / Maritime / PRF Cooperation Platform

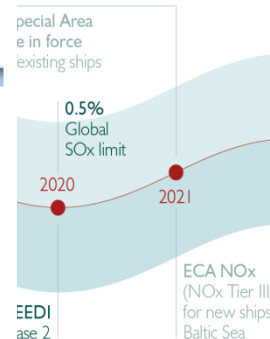
PRF COOPERATION PLATFORM

HELCOM COOPERATION PLATFORM ON SPECIAL AREA ACCORDING TO MARPOL ANNEX IV (SEWAGE)

The HELCOM Cooperation Platform on Special Area According to MARPOL Annex IV aims to promote dialogue and exchange experience on good practices in planning, implementing and operating Port Reception Facilities (PRFs) for sewage. All key stakeholders, including Baltic Sea passenger ports, shipping industry, national administrations and municipal wastewater treatment plants, are invited to participate.

Maritime

- AIS EWG
- Green Technology and Alternative Fuels Platform for Shipping
- PRF Cooperation Platform**
- SAFE NAV
- TG BALLAST
- Recommendations
- Terms of Reference & Work Plan



HELCOM Cooperation Platform on PRF

Timeline



July 2017
table of content

October 2017
Helcom Maritime

June 2018
Draft

October 2018
Helcom Maritime

Source: PIA





Onshore Power Supply

Case study

Port of Ystad





Onshore Power Supply

Case study

Port of Ystad





Memorandum of Understanding

Ports work together

Port of Tallinn, Port of Helsinki, Port of Stockholm and Port of Turku signed a MoU for development of the new on-shore power supply for vessels.

Helsinki, 9th of September 2016





LNG as a fuel - compliance with SECA

BPO Report: EU Sulphur Directive

—
One year after its entry into force
June 2016





LNG in the Baltic Sea Ports project I

BPO initiated the project with 7 ports



Pre-investment studies such as EIA, feasibility analyses for LNG terminals or bunkering vessels, project designs, regional market studies, safety manuals, etc.

Stakeholder platform that facilitated discussions among port authorities, shipowners, gas infrastructure providers, energy traders and bunkering companies.

Project budget – appr. € 3.5 mln. / Jan. 2012-Dec. 2014





LNG in the Baltic Sea Ports project II

BPO extended the network with 5 other ports



Similar scope

The Global Project is focused on the harmonized pre-investment works and development of facilities for LNG bunkering infrastructure in Baltic Sea ports.

Project budget – appr. € 1.5 mln. / Jan. 2014-Dec. 2015





LNG in the Baltic Sea Ports Projects

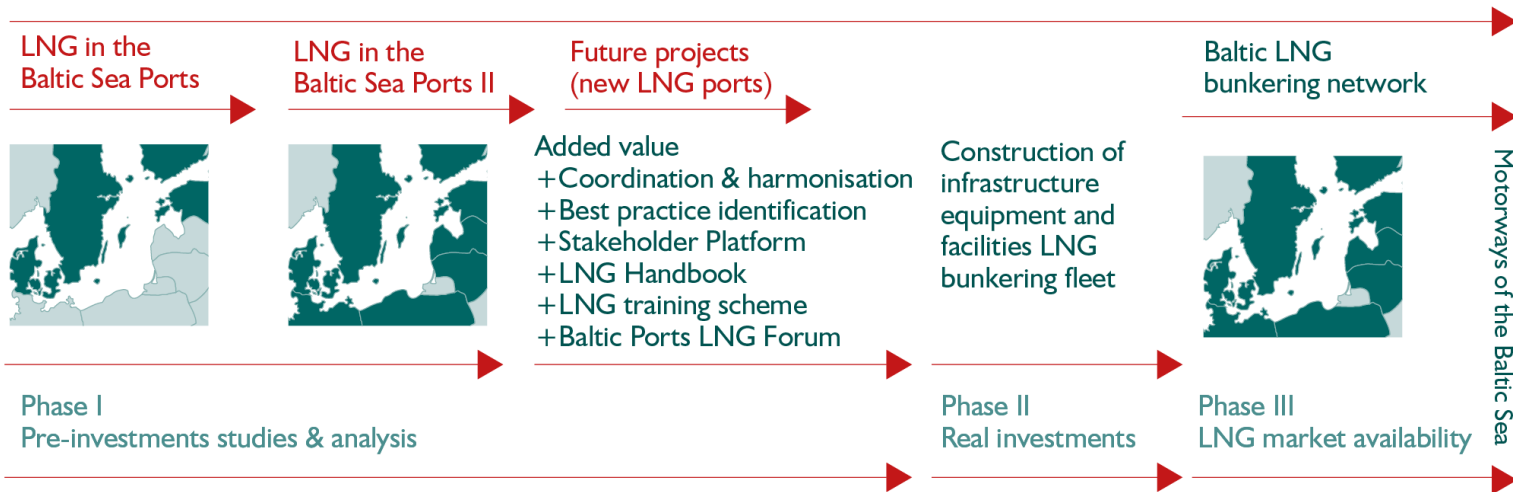
Partners





BPO projects: LNG in the Baltic Sea Ports (I and II)

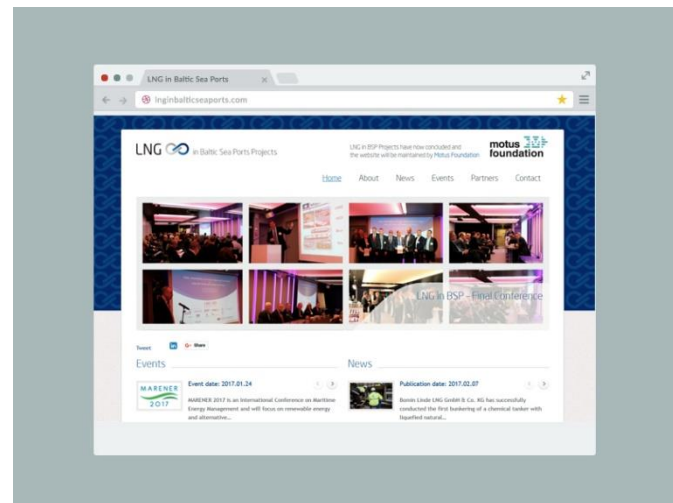
Global project: Development of an LNG bunkering network in the seaports of the Baltic Sea region as an element of the Baltic Motorways of the Sea Programme





LNG in the Baltic Sea Ports projects

Check website and reports





Case study – Port of Stockholm



Port of Stockholm

—
Ro-pax Viking Grace
bunkering operations





Case study

Port of Rostock

Bunkering of
Greenland



Air quality

Port of Gdynia

- truck cleaning which eliminates transfer of dust outside the terminal area
- covering commodities with cellulose
- Yeti boxes measuring air quality



Air quality

Port of Tallinn

e-Nose system & air monitoring
system in Muuga Harbour



Baltic ports in TEN-T Policy





Report: Baltic ports in TEN-T Policy

With recommendations





Baltic ports

Ports 4.0 Seminar, Tallinn



Baltic ports

A culture of cooperation

- TEN-T Policy
- Environment
- Technology (e.g. LNG)
- Ports 4.0
- Various project initiatives





Baltic ports

We are paving the way.





Baltic Ports Conference 2019!

4-6 September 2019 | Stockholm, Sweden



BPC 2019 in Stockholm



Go Baltic!

Follow us:

- Twitter
- e-shots
- website
- events.

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Go Baltic.