LNG Infrastructure in the Baltic Sea

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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.
What we deal with?

- BPO Tag Map
- Russian Economy
- TEN-T/CEF
- Comprehensive Ports
- EU Economy
- Environment
- Green Ports
- Cooperation
- Sewage
- Core Ports
- Synergies
- Investments
- Waste From Scrubbers
- LNG
- Bigger Ships
- Port Package
- Projects
- GHG
- Ports 4.0
Baltic port market

2010 (mln t)  814.1
2017 (mln t)  909.3
2017/2010 (%)  +11.7

Record 2017 > 900 mln t.
LNG Terminals in the Baltic Sea

Świnoujście, Poland

- in operation: 2016
- reloading capacity: 5 billion Nm³/year
- cryogenic tanks (2) capacity: 160,000 m³

Pori, Finland

- in operation: 2016
- reloading capacity: 0.11 billion Nm³/year
- storage capacity: 30,000 m³

Klaipėda, Lithuania

- in operation: 2014
LNG as a fuel - compliance with SECA

BPO Report: EU Sulphur Directive

One year after its entry into force
June 2016
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
Number of LNG fueled vessels grows

Driving forces:

- Regulations and EU policy (SECA, NECA, TEN-T, CEF)
- Technology development
- LNG infrastructure and LNG availability
Case studies: Poland

Port of Gdynia
Bunkering of Ireland vessel by Lotos and PGNiG

Port of Gdańsk
Bunkering of Fure Valo vessel by Lotos and PGNiG
Case studies: Sweden

Port of Stockholm
- Ro-pax Viking Grace bunkering operations

Port of Gothenburg (offshore)
- LNG ship to ship bunkering
  Skangas together with Anthony Veder
Case studies: Finland

Port of Oulu
- LNG-fueled icebreaker Polaris

Port of Helsinki
- Polaris - the first ever LNG-fueled icebreaker

Port of Helsinki
- Turva – coastal guard vessel
LNG bunkering fleet

**Skangas, Coralius**
Type: LNG feeder and carrier
Delivered: June 2017
Size: 5,800 m³

**Nauticor, Kairos**
LNG bunker supply vessel
Delivered: December 2018
Capacity: 7,500 m³

**Esti Gas**
LNG bunker vessel
Delivery: September 2020
Capacity: 6,000 m³
Go Baltic!

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