



PORT OF
ROENNE
Together we create

The port in the Baltic Sea

East Denmark's most central deep-water harbour

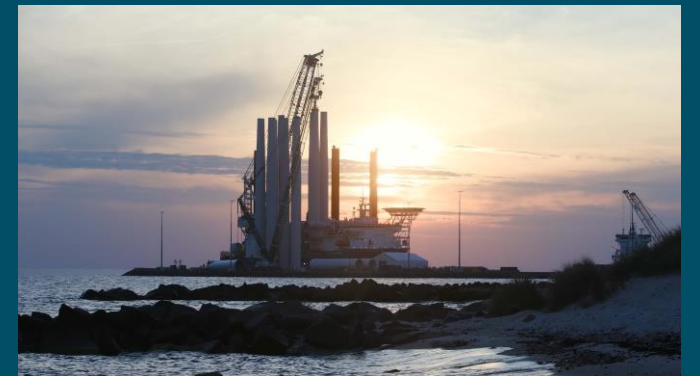
- Access to the sea is what we live by
- Area incl. water is approx. 1.650.000 m²
- Land area approx. 850.000 m²
- Water depth up to 11 meters – prepared for 13 meters
- Two Ro-Ro bearings and two ferry berths
- Approx. 3,600 meters of quay

Vision:

**We want to create value
for the community at
Bornholm**

- New strengthened supplyport
- Growth engine for Bornholm
- The center for green energy at the Baltic Sea

- More than 3,600 calls a year
- Business areas: Ferry and Liner, Bulk, Offshore Wind, Cruise
- Limited liability company - Professional Board of Directors
- Vital for the development of Bornholm
- Approx. 15 % of the GDP on Bornholm
- + 124 Mio. DKK in annual turnover in 202



The port faces some challenges ... but, we have a plan

Challenges

- Freight and cargo volume (bulk) are decreasing
- Ship/vessel sizes grow (length, depth, tonnage)
- Quay lengths are challenged
- Difficult port to call under certain weather and wind conditions
- Small swaying bassin and tight manoeuvring conditions
- Future impact from climatic conditions



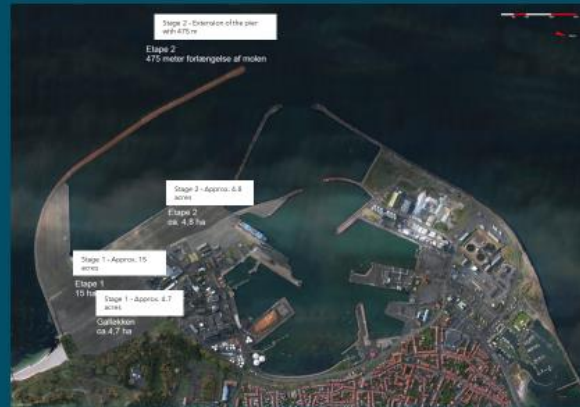
Strengths

- The only real supply port on Bornholm
- The geographical position is ideal as a shipping and base port for Offshore projects
- Large bearing capacity on quays and seabed
- Bornholm as a tourist island is attractive for cruise
- The company's structure and financial management make it possible to act quickly and flexibly
- Earnings and risks spread over several business areas that assist each other

The port faces some challenges ... but, we have a plan

Port expansion

- 2013: Start - Masterplan 2050
- 2017: Sign of contract - Stage 1
- 2020: Sign of contract - Stage 2



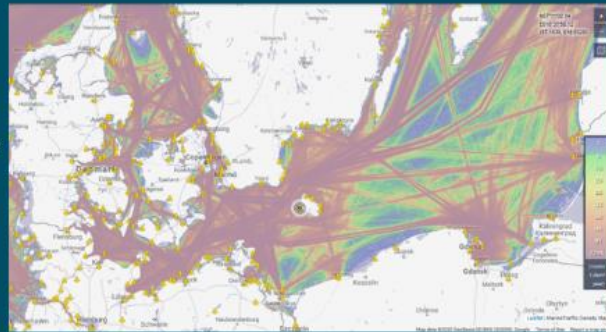
Port expansion - planning

- Ongoing: Tender – Stage 3+4
- 2023: Sign of contract 3+4
- 2024-25: Construction Stage 3+4



Bornholm Bunker Hub

- +60.000 vessels pass by every year
- Possibility of local Power-to-X production
- Community based ferry service want to use green fuels
- Partner with Ørsted, Ramboll, Topsoe, Bunker Holding, Bureau Veritas, Wärtsilä and Molslinjen



Power-to-X feasibility study

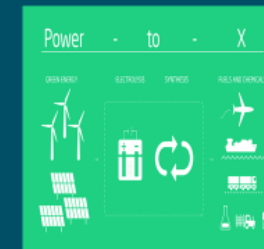
Content

- Input to Power-to-X production (wind, solar, groundwater vs. wastewater etc.)
- Modelling of scenarios with different configurations and production capacities
- Market study
- Integration with energy system and system services
- Location of plant and storage
- Business case

Project period 01.06.2022-31.08.2023

Output

- Business case, which shows feasibility of Power-to-X production on Bornholm
- Simulation tool for configuration and capacity decision when designing PtX plants
- Simulation tool to determine potential system services and integration with other energy systems

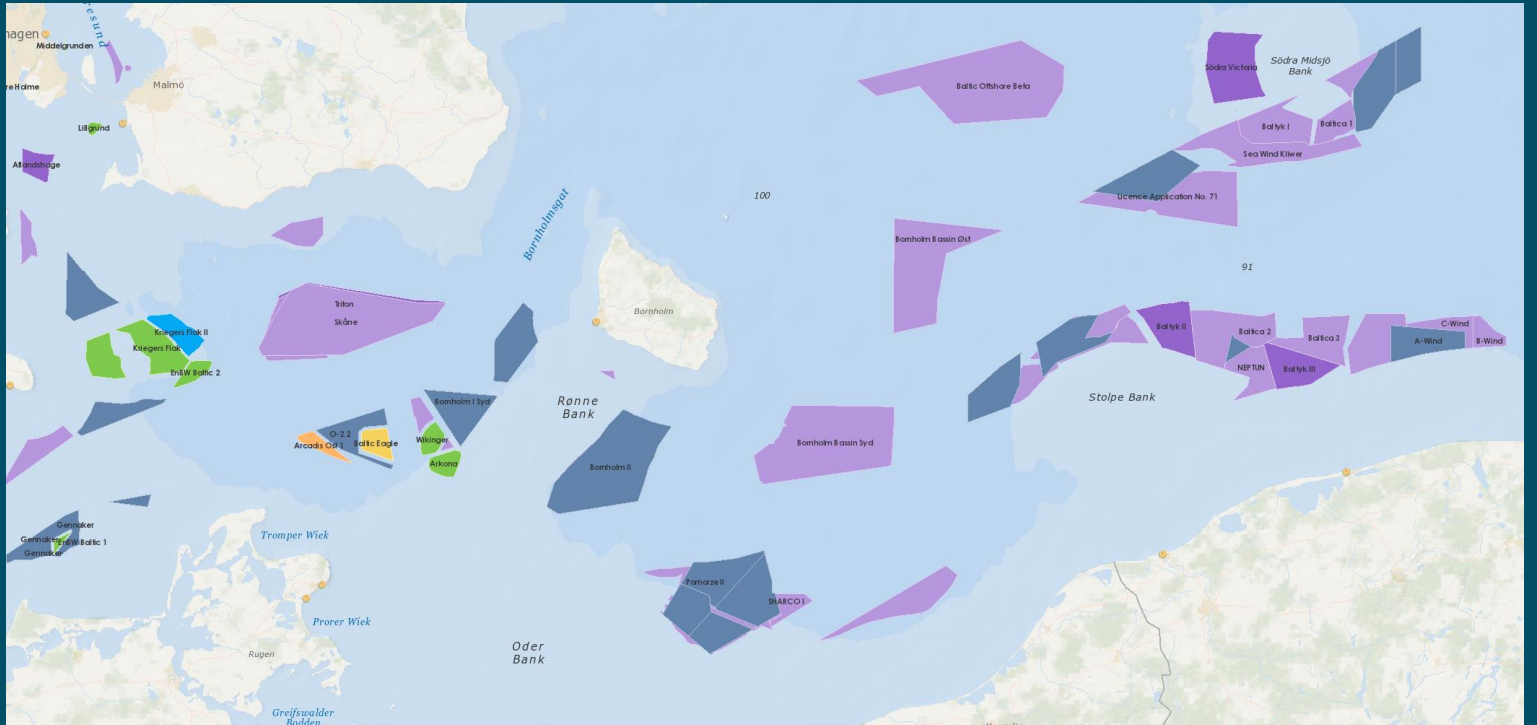


Partners:

- Port of Roenne
- Orsted Hydrogen
- Skovgaard
- Topsoe
- Danfoss Drives
- Ramboll
- DTU Management
- DTU Wind and Energy Systems
- Bornholms Energi & Forsyning
- Bornholms Regionskommune
- Gate 21

Opportunities/Weaknesses

- Offshore potential – The Baltic Sea
- The future is green
- The strategic position of Bornholm
- The need for speed
- Processing by the authorities
- Opportunities for financing
- Environmental care vs. disposal of dredged material



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