



Baltic  
InteGrid

Integrated Baltic Offshore  
Wind Electricity Grid Development

## Baltic InteGrid

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## Goal

Develop a concept of the Baltic Offshore Grid integrated with planned offshore wind farms. It will be based on detail analysis of following conditions:

- spatial
- market
- political
- social
- environmental
- technical



## Project Partners



- 1  Institute for Climate Protection, Energy and Mobility (IKEM)
- 2  Foundation for Sustainable Energy
- 3  Rostock Business and Technology Development GmbH
- 4  Technical University of Denmark
- 5  Energy Agency for Southeast Sweden
- 6  Deutsche WindGuard
- 7  Maritime Institute in Gdańsk
- 8  German Offshore Wind Energy Foundation
- 9  Latvian Association of Local and Regional Governments
- 10  Aalto University
- 11  University of Tartu
- 12  Coastal Research and Planning Institute
- 13  Lund University
- 14  Aarhus University

## Associated Organisations



### Germany

- Siemens AG
- BMUB (Ministry for the Environment, Nature Conservation, Building and Nuclear Safety of Germany)
- Ministry of Energy, Infrastructure and State Development of Mecklenburg- Vorpommern
- 50Hertz Transmission GmbH
- Ecologic Institute
- Kisters AG
- Becker Büttner Held



### Finland

- Finnish Wind Power Association



### Estonia

- Elering-generating opportunities



### Denmark

- Danish Energy Association
- Energinet.dk
- Danish Wind Industry Association



### Poland

- Baltex Energia i Górnictwo Morskie SA SKA
- Europejski Instytut Miedzi Sp. z o.o.
- Inwestycje Infrastrukturalne Sp. Z O.O
- Maritime Office in Gdynia
- PGE Energia Odnawialna S.A.
- Polish Offshore Industry Association
- PSE S.A. Polskie Sieci Elektroenergetyczne



### Lithuania

- The Ministry of Energy
- Litgrid AB



### Latvia

- Ministry of Economics

## Baltic InteGrid is a EUSBSR Flagship Project

- Baltic InteGrid among 35 selected out of 300 concept notes
- Priority area: Management of Natural Resources
- EUSBSR Flagship project; running until 2019



## Core Pillars of the Baltic InteGrid Project

- Baltic Offshore Grid Forum** ► **Network & conference platform**
- Baltic Offshore Grid Concept** ► **Interdisciplinary research**
- PreFeasibility Studies** ► **In-depth perspective on 2 cases**



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## Baltic Offshore Grid Forum → Expert network platform

22 events over the project lifetime:

- 6 Country Workshops
- 12 Thematic Working Groups
- 4 Key events (conferences)

After the project, cooperation with other initiatives e.g.:

- Baltic Energy Industry Forum 2019





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## Inderdisciplinary reaseach within 6 thematic working groups

- Policy & regulation
- Market & supply
- Technology & grid
- Environment & society
- Spatial planning
- Cost-benefit analysis



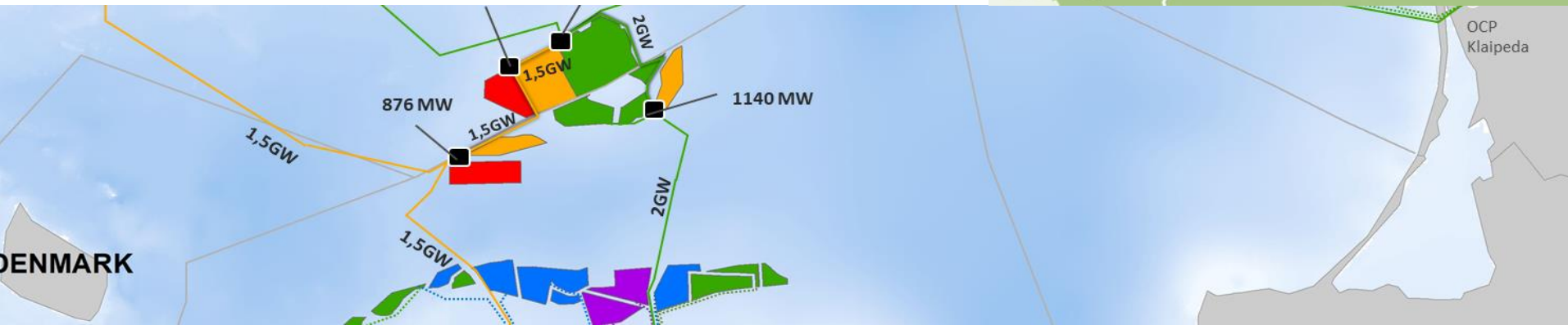
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2 case-studies on offshore wind farm  
interconnectors

- 1) Polish - Swedish - Lithuanian connection
- 2) Swedish - German connection



For further information:

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