



Project Description „South Baltic OFF.E.R“:

South Baltic Offshore Wind Energy Regions

German Offshore Wind Energy Foundation (Stiftung OFFSHORE-WINDENERGIE)

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Background

For the South Baltic area alone, the European Wind Energy Association predicts more than a ten time increase in offshore wind energy capacities, as it offers ideal natural and economic preconditions.

It is therefore the right time to encourage cross-border cooperation in this sector to ensure that the development of offshore wind energy in the region is a harmonised one and resources are pooled rather than split. If this is achieved, then the South Baltic region will have the chance to position itself among the top of European offshore wind energy regions.

The challenge, however, is to overcome societal and institutional barriers and bundle efforts in order to create an environment favourable for the development of a highly competitive offshore wind industry.

Ten partners from Denmark, Germany, Poland, Lithuania and Sweden tackle these challenges within the “South Baltic OFF.E.R” project by building up a vital network to promote coherence of policies. Moreover, the project will develop standard-setting approaches in order to increase efficiency and to speed up the development of a highly competitive offshore wind industry in the South Baltic region.

The project runs between 1st March 2010 and 28th February 2013 within the framework of the South Baltic Cross-border Cooperation Programme 2007-2013 part-financed by the European Union (European Regional Development Fund). South Baltic OFF.E.R has a total budget of 1.9 million EUR.

Objectives

- Quicker and more elaborated development of new offshore wind parks
- Cleaner and more secure energy supply for the South Baltic region
- More and better jobs in the South Baltic offshore wind industry
- Public perception of the South Baltic as one of Europe’s premier renewable energy regions
- Increased competitiveness of the South Baltic offshore wind industry and strengthened position in the European market
- Lasting cross-border relationships strengthening social cohesion in the region

Parties involved

- Rostock Business and Technology Development GmbH, Germany
- German Offshore Wind Energy Foundation, Germany
- Guldborgsund Municipality, Denmark
- Risø DTU Wind Energy, Denmark
- Municipality of Sölvesborg, Sweden
- Municipality of Karlskrona, Sweden
- Klaipeda University Coastal Research and Planning Institute, Lithuania
- Public Institution Strategic Self-management Institute, Lithuania
- Polish Offshore Wind Energy Society, Poland
- University of Gdansk POMCERT, Poland



Associated Organisations

- Aus- und Fortbildungszentrum Schifffahrt und Hafen GmbH, Germany
- Wind Energy Network Rostock, Germany
- Offshore Center Danmark, Denmark
- Blekinge Offshore AB, Sweden
- The Regional Council of Kalmar County/National Wind Power Network, Sweden
- Lithuanian Wind Energy Association, Lithuania
- AOS Ltd. , Gdańsk Branch Office, Poland
- Kockums Shipyard LTD, Sweden
- Polish Economic Chamber of Renewable Energy, Poland

Selected outputs

Communication and Dissemination

- Joint declaration “South Baltic Offshore Wind Energy Vision”
- Manual for potential offshore wind energy investors
- Conference for stakeholders, politicians and general public

Establishing Offshore Wind Energy in the South Baltic

- South Baltic Wind Atlas
- Travelling exhibition “Fascination Offshore”
- Report “How can the tourism sector in the South Baltic profit from the offshore wind energy?”

Cross-border offshore Wind Energy Business Development

- South Baltic Business Cluster Map (<http://clustermap.southbaltic-offshore.eu/>)
- Local and cross-border business events
- Business-academic seminars

Skills and Recruitment

- Report on the state of the art of offshore wind energy education in the South Baltic area and proposals for future qualification offers
- Expert lectures at schools and universities
- Summer schools in Klaipėda and Gdansk
- Local career events



German Offshore Wind Energy Foundation

Within the project component 3 “Establishing Offshore Wind Energy in the South Baltic” the German Offshore Wind Energy Foundation coordinates a boat exhibition along the South Baltic coastline in 2011 and the activity “Bringing together tourism and OWE”.

Raising awareness with boat exhibition

From 2009 to 2011 the interactive boat exhibition “Fascination Offshore” - installed on the museum ship “MS Greundiek” - toured to different German and in 2011 also Danish harbours providing answers to all sorts of questions related to energy generation from offshore wind. A variety of interactive exhibits and audiovisual elements as well as models of offshore wind energy equipment adds to the attractiveness of the exhibition. As part of “South Baltic OFF.E.R.” in 2011 the exhibition was presented in the ports Wismar, Flensburg, Rostock-Warnemünde, Boltenhagen, Stralsund and Helgoland in Germany, plus Nykøbing and Sønderborg in Denmark. Accompanying press conferences took place with representatives from local and regional politics. Boat visits coincided with harbour festivals or had an attractive berth for tourists and local residents. Additionally the exhibition was shown as part of the "Open Days" of the federal government in Berlin (20-21.08.2011). In 2012 the exhibition will be continued with an onshore adaptation in Poland, Sweden and Lithuania.

Further information:

<http://www.southbaltic-offshore.eu/news-fascination-offshore-initiative.html>

Bringing together tourism and OWE

This activity includes joint study visits to existing (offshore) wind energy information centres in order to evaluate these centres and prepare the internal report “Overview of existing and possible concepts for new OWE information centres”. Furthermore, this activity includes the development of a concept for improving the existing centre in Guldborgsund and a possible new centre in Mecklenburg-Vorpommern. Additionally a local concept for improvement of links between Offshore Wind Energy and tourism in Guldborgsund (in cooperation with local tourism actors and wind park operators) will be prepared. These findings will be used for the preparation of the report on OWE and tourism "How can the tourism sector in the South Baltic profit from the offshore wind energy?".