

# Analyzing the Offshore Wind Power Market in EU 2015

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## Abstracts

In many parts of the world, wind energy has already grown to be a mainstream energy source. This growth has long been driven by concerns about global climate change, mainly in the developed world and especially in Europe.

The possibility of locating wind turbines in the sea bed has opened up a new frontier for wind power, especially in the countries of northern Europe, where the availability of relatively shallow coastal waters has combined with the need to find space for much larger projects than are possible on land.

The pioneer in offshore wind farming has been Denmark, which has installed the two largest wind parks in the sea – 160 MW at Horns Rev in the North Sea and 158 MW at Nysted in the Baltic. The UK has also taken on a leading role, with 214 MW already built in four locations, a further 1,000 MW+ with agreement to proceed across eight sites, and even larger individual projects (of up to 1,000 MW each) planned within three strategic offshore areas identified by the UK government.

Aruvian Research brings a research report on the Offshore Wind Power Market in the European Union – Analyzing the Offshore Wind Power Market in EU.

Aruvian's research report Analyzing the Offshore Wind Power Market in EU starts off with an analysis of the basics about wind power and then takes a look at the various factors driving the wind power industry worldwide, and especially in the European Union. The economic feasibility of wind power is also a factor that is touched upon during the analysis of factors driving growth in the wind power industry worldwide. An introduction to offshore wind power and how it is impacting the energy industry worldwide is also discussed.

We analyze the overall market for offshore wind power in the European Union, along

with a country-wise analysis of the major regions involved in offshore wind power developments, the benefits of offshore wind power for the European Union, the challenges facing offshore wind power in the EU, the role of offshore wind power in meeting the targets of the Kyoto Protocol, and an analysis of the major offshore wind farms in the EU.

A case study takes a look at the fast-growing offshore wind energy in China and also compares the offshore wind energy in the EU versus the United States. Economic value of an offshore grid in the European Union is also described here.

The developing supply chain in the EU offshore wind industry takes a look at two cost drivers that include the turbine supply chain in the industry and also the availability of substructures.

Leading offshore wind turbine manufacturers such as Siemens AG, Vestas, Nordex, Repower, BARD Engineering, and Multibrid/Areva are analyzed keeping in mind their role in the offshore wind sector.

The future of the offshore wind power industry in the EU is also looked at in the report.

This research report from Aruvian Research on the offshore wind power market in the EU is a comprehensive study on this subject, and provides you with a complete picture of what is going on in the offshore wind power markets in the European Union.

## Contents

### **A. EXECUTIVE SUMMARY**

### **B. INTRODUCTION TO WIND POWER**

- B.1 Electricity from Wind
- B.2 How do Wind Turbines Work?
- B.3 Wind Power Technology
- B.4 Wind Power Markets
- B.5 Accommodating the Variable Nature of Wind Power
- B.6 Environmental Impact

### **C. GROWTH DRIVERS FOR WIND ENERGY**

- C.1 Supply Security
- C.2 Environmental Potential
- C.3 Climate Change & Wind Power
  - C.3.1 Clean Development Mechanism
  - C.3.2 Wind Energy CDM Projects
- C.4 Economic Feasibility
- C.5 Employment & Development of Rural Areas
- C.6 Renewable Quotas
- C.7 Technology

### **D. GLOBAL WIND MARKET**

- D.1 Market Profile
- D.2 Market Statistics
- D.3 Market Analysis by Region
  - D.3.1 Africa & the Middle East
  - D.3.2 Asia
  - D.3.3 Europe
  - D.3.4 North America
  - D.3.5 South & Latin America
  - D.3.6 Pacific Region
- D.4 Wind Power in the European Union (EU)
  - D.4.1 Overview
  - D.4.2 Offshore Wind Market

- D.4.3 Market Trends
- D.4.4 Regulatory Framework
- D.5 Global Offshore Wind Market
  - D.5.1 Overview
  - D.5.2 Asia
  - D.5.3 Europe
  - D.5.4 United States
- D.6 Trends in the Global Wind Power Market

## **E. INTRODUCTION TO OFFSHORE WIND ENERGY**

- E.1 Basic Offshore Wind Technology
- E.2 Analyzing Offshore Wind Energy Economics
- E.3 Role of the Oil & Gas Industry in the Implementation of Offshore Wind Energy
- E.4 Offshore Wind Energy: Industry Profile
- E.5 Future of Offshore Wind Power Policy

## **F. COSTS & BENEFITS OF OFFSHORE WIND INSTALLATION**

## **G. ENERGY SITUATION IN THE EU**

## **H. ANALYZING OFFSHORE WIND POWER IN THE EU**

- H.1 Overview
- H.2 Benefits of Offshore Wind Power for the EU
  - H.2.1 Ensuring Energy Supply Security
  - H.2.2 Establishment of a Functioning Internal Electricity Market
  - H.2.3 Battling Climate Change
  - H.2.4 Development of Maritime Products
- H.3 Challenges Facing Offshore Wind Power in the EU
  - H.3.1 Lack of Grid Integration
  - H.3.2 Lack of Proper R&D Initiatives
  - H.3.3 Environmental Considerations
  - H.3.4 Financing Issues
- H.4 Kyoto Protocol Targets & Role of Offshore Wind Power
- H.5 Cost of Offshore Wind in the EU
- H.6 Case Study: Offshore Wind Energy in China Gaining Momentum
- H.7 Economic Value of an Offshore Grid in the EU

## **I. COUNTRY-WISE ANALYSIS OF THE EU OFFSHORE WIND ENERGY MARKET**

- I.1 Belgium
- I.2 Denmark
- I.3 France
- I.4 Germany
- I.5 Ireland
- I.6 Spain
- I.7 Sweden
- I.8 United Kingdom

## **J. OFFSHORE WIND ENERGY: EU VS THE US**

## **K. ANALYZING THE OFFSHORE WIND FARMS IN EU**

- K.1 Alpha Ventus Offshore Wind Farm
- K.2 Anholt Offshore Wind Farm
- K.3 Arklow Bank Wind Park
- K.4 Baltic 1 Offshore Wind Farm
- K.5 BARD Offshore
- K.6 Barrow Offshore Wind Farm
- K.7 Beatrice Wind Farm
- K.8 Bligh Bank Offshore Wind Farm
- K.9 Blyth Offshore Wind Farm
- K.10 Borkum Riffgat Offshore Wind Farm
- K.11 Burbo Bank Offshore Wind Farm
- K.12 Dantysk Offshore Wind Farm
- K.13 Egmond aan Zee (OWEZ)
- K.14 Greater Gabbard Wind Farm
- K.15 Gunfleet Sands Offshore Wind Farm
- K.16 Gwynt y Mŷr Offshore Wind Farm
- K.17 Horns Rev 1 &
- K.18 Innogy Nordsee 1 Offshore Wind Farm
- K.19 Kentish Flats Offshore Wind Farm
- K.20 Lillgrund Wind Farm
- K.21 Lincs Offshore Wind Farm
- K.22 London Array Offshore Wind Farm
- K.23 Lynn and Inner Dowsing Wind Farm
- K.24 Middelgrunden Offshore Wind Farm

- K.25 Neart Na Gaoithe
- K.26 North Hoyle Offshore Wind Farm
- K.27 Nysted Offshore Wind Farm
- K.28 Ormonde Wind Farm
- K.29 Princess Amalia Wind Farm
- K.30 Robin Rigg Wind Farm
- K.31 Rhyl Flats
- K.32 Scroby Sands Offshore Wind Farm
- K.33 Sheringham Shoal Offshore Wind Farm
- K.34 Thanet Wind Farm
- K.35 Thorntonbank Wind Farm

## **L. ANALYZING THE DEVELOPING SUPPLY CHAIN IN THE EU OFFSHORE WIND INDUSTRY**

- L.1 Overview
- L.2 Cost Driver: Turbine Supply for the Industry
- L.3 Cost Driver: Availability of Substructures

## **M. FUTURE PERSPECTIVE: EU OFFSHORE WIND ENERGY MARKET**

## **N. ANALYZING OFFSHORE WIND TURBINE MANUFACTURERS**

- N.1 Siemens AG
  - N.1.1 Corporate Profile
  - N.1.2 Siemens and the Offshore Wind Sector
- N.2 Vestas
  - N.2.1 Corporate Profile
  - N.2.2 Vestas and the Offshore Wind Sector
- N.3 Nordex
  - N.3.1 Corporate Profile
  - N.3.2 Nordex and the Offshore Wind Sector
- N.4 REpower Systems
  - N.4.1 Corporate Profile
  - N.4.2 Repower and the Offshore Wind Sector
- N.5 BARD Engineering
  - N.5.1 Corporate Profile
  - N.5.2 BARD Engineering and the Offshore Wind Sector
- N.6 Multibrid / Areva Wind

N.6.1 Corporate Profile

N.6.2 Multibrand and the Offshore Wind Sector

## **O. APPENDIX**

## **P. GLOSSARY OF TERMS**

## I would like to order

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