

OWO 2011

Offshore Wind Operations

Bergen, Norway
June 15-16



Statkraft

Vestas
OFFSHORE



REGION
BERGEN
GENERATING
ENERGY

Day 1

19:00 Conference Dinner at
Fløien Folkerestaurant.
Transport by Fløybanen,
the funicular departing from
the city center, to the top of
Mount Fløien.

Day 2

08:30 Registration & Refreshments
09:00 Opening & Keynote Address

Welcome to Bergen
Gunnar Bakke,
The Mayor of Bergen

**How can Norwegian Industry
capitalize on oil&gas
experience in the offshore
wind sector? TBD**

Keynote Address
**European Offshore Wind
– How to meet the Industrial
Challenges and how
can Norwegian Industry
Contribute?** *Bjørn Drangsholt,*
Managing Director, Statkraft UK

Plenary Session

Setting the Scene

Chair: *Kristin Guldbrandsen Frøysa*
Director, Norcowe

**Meeting The European Energy Challenge
& How does Offshore Wind fit in?**

Ian Furneaux, Department of Energy and Climate
Change, UK

**Offshore Wind Resources in Northern Europe
– Just Another Wind?**

Brigitte Rugaard Furevik, Research Scientist,
The Norwegian Meteorological Institute, Norway

**The Offshore Super Grid
– Why do We need it and How can We get there?**

Kjartan Hauglum, Statnett SF, Norway

Break / Refreshments

**Implications of 30 Years Design Life
– Lessons Learned from other industries**
Arnstein Eknes, Director Special Ships, DNV,
Norway

**Offshore Wind Turbines
– How can the industry meet the challenges of
reduced costs and increased reliability?**

Tore Tomter, Siemens Energy, Norway

**Far out! Alpha Ventus
– Pilot Project and Offshore Research Lab**
Michael Durstewitz, RAVE – R&D-coordination
alpha ventus, Fraunhofer Institute, Germany

12:00-13:00 Lunch

Parallel Session 1

Offshore Operations related to installation

Chair: *Mette Kristine Kanestrøm*

Project Manager Offshore Wind, Lyse

Installation of Foundations – Lessons Learned

Torben Pedersen, MT Højgaard AS, Denmark

Lessons Learned from Wind Turbine Installation in UK Round 1&2

John Freeland, Renewables Offshore Ltd, UK

A ship owner's chase for more wind

Tor Erik Andreassen, Managing Director,
Fred Olsen WindCarriers AS, Norway

Cable Installation at Greater Gabbard and Thanet – Lessons learned

Stuart Duncan, Project Manager,
Technocean AS, Norway

Break / Refreshments

Offshore Wind Installation Vessels – State of the Art & Future Needs

Ivan Østvik, Vice President, Norwind Installer AS, Norway

Baltic1 – Experience from building the first commercial offshore windpark in Germany

Göran Dalén, WPD Scandinavia AB, Sweden

Havsul – The only Consented Norwegian Offshore Wind Farm – Developing Novel Installation Concepts Reducing Cost and increasing Safety

Tore Engevik, CEO Vestavind Offshore AS, Norway

Safer Access to Offshore Wind Turbines

Fredrik Odfjell, Owner, FOB Shipping AS, Norway

Parallel Session 2

Maintenance & Operations – Design Solutions for reducing OPEX

Chair: *Asle Lygre*

General Manager, Arena NOW

Design of Wind Turbines in a life cycle perspective

Kristian Holm, GE Energy, Norway

Optimizing jacket design for cost effective fabrication and installation procedures

Anders Tørud, Business Development Manager, Windsea AS, Norway

Design of Foundations in a life cycle perspective I

Per B Haugsøen, CTO, Owec Tower AS, Norway

Design of Foundations in a life cycle perspective II

Jan Werner Kristiansen, Vici Ventus Construction AS, Norway

Break / Refreshments

Modular based 400 MW Substation in a life cycle perspective

Yngve Aabø, Vice President, Goodtech ASA, Norway

Unexpected Behavior of Grouted Connections between Monopiles and Transition pieces

Knut Nordheim, Statoil, Norway

J-Tube and Scour Protection-Experiences and Future Solutions

Pål Johannes Strøm, Statoil, Norway

Framework for risk-based O&M planning for offshore wind turbines

John Dalsgaard Sørensen, Professor, University of Aalborg, Denmark

Conference Fee

Including conference dinner:
NOK 3,000 (students: NOK 1,500)
Conference fee only:
NOK 2,500 (students : NOK 1,000)

Venue

Salem conference center
Scandic Bergen City Hotel
Sigurdsgate 6, Bergen

Deadline for registration

8th june

OWO 2011 Hotels in Bergen

Best Western Hotell Hordaheimen
+47 55 33 51 60 (NOK 1350-1750)

Thon Hotel Bristol Bergen
+47 55 55 10 00 (NOK 1995-2295)

Bergen Travel Hotel
+47 55 59 90 90 (NOK 1195-1395)

We have reserved some rooms at the above hotels. All bookings must be made directly with the hotels, please refer to the reservation code: "OWO booking". Mid-June is a very busy period in Bergen, so it is advisable to book early.

Register online at:
www.arenanow.no

arena NOW
Norwegian Offshore Wind

Offshore Wind Operations is an international conference focusing on all operational aspects related to planning, installation and operation of an offshore wind farm

OWO 2011 takes place in the city of Bergen, Norway on June 15th-16th 2011

The conference aims at providing an environment for sharing operational experience in an industrial setting to facilitate safer and more cost effective installation of future offshore wind farms. Marine installation activities as well as operations & maintenance of advanced offshore facilities are at the core of Norwegian industrial expertise matured and developed over the last 40 years of offshore oil and gas operations in the North Sea.

In order to contribute to an informal and relaxed atmosphere during the conference, a conference dinner will be arranged in the evening of June 15th prior to the conference on the 16th. The dinner will be at Fløien Folkerestaurant at the top of Mount Fløien with a spectacular view of the city and its pleasant surroundings with the North Sea luring in a close distance.

