



## Workshop and networking reception

### “Offshore wind in Japan – status, opportunities and challenges”

**Date: 4<sup>th</sup> December, 2013, 14:00 – 20:00**

**Organizer: Royal Norwegian Embassy in cooperation with  
Nagoya University, Statoil, DNV GL**

**Venue: The Norwegian Embassy in Hiroo, Tokyo**

Japan is seeing a rapid introduction of renewable energy due to governmental incentive schemes such as the FIT. Offshore wind is recognized as one of the most attractive renewable energy sources with largest potential – government estimates are in the range of 1,200 GW under ideal conditions. Demonstration projects such as METI’s “Forward” (the Fukushima FOW) and MoE’s “Goto Island” projects are now in the water, and many more are in the starting block awaiting concession and approval. Japan has the technological and financial potential of becoming world leader of Floating Offshore Wind within the next decade.

Norway, on the other side, has significant experience and knowledge in **floating offshore constructions** such as “Hywind” and on **maritime operations** that would be of high relevance for Japanese wind developers and not at least on **stakeholder management** related to coexistence between fisheries, aquaculture and ocean energy.

The Norwegian embassy organized in August a similar workshop where the focus was focusing on cost reduction for floating offshore wind projects, with special emphasis on two main topics: harmonization of global standards for floating offshore wind structures, and on realistic assessment of the so-called “learning curve” for large-scale floating offshore wind projects in Japan, North Sea and other places.

This second workshop in the series is aiming at bridging the experience and knowledge between Norway and Japan related to another critical aspects; namely **stakeholder management** and **social acceptance** of ocean energy projects.

In addition to reports from the newly established Stakeholder Management Research Institute at University of Nagoya, we will hear updates and experiences from actual floating offshore wind projects in Japan and the North Sea.

Please register by email to: [perlu@innovationnorway.no](mailto:perlu@innovationnorway.no)



## Agenda

<b>Wednesday Dec. 4th – floating offshore wind in Japan</b>			
14:00	Welcome and opening remarks	<i>Per Christer Lund</i>	Counselor, Energy <b>Embassy of Norway.</b>
14:10-14:30	Fisheries and Ocean Energy	<i>Hisashi Endo</i>	Director, Research & Technological Guidance Division, Fisheries Agency, <b>Ministry of Agriculture, Forestry and Fisheries (MAFF)</b>
14:30-14:50	Stakeholder management project in DNV	<i>Kristin Raabe-Ødegaard</i>	Principal Consultant, <b>DNV KEMA Energy &amp; Sustainability</b>
14:50-15:10	Stakeholder management activity at Nagoya University	<i>Memi Motosu</i>	Assistant professor, Stakeholder Management Research Laboratory, Hydrospheric Atmospheric Research Center, <b>Nagoya University</b>
15:10-15:30	Important issues on the road map for offshore wind in Japan	<i>Yoichi Oda</i>	Senior Project Manager, <b>Mitsui Global Strategic Studies Institute</b>
15:30-16:00	<b>Coffee break</b>		
16:00-16:20	Hywind: Ready for the next steps.	<i>Trine Ulla</i>	Director, Floating Wind Business development, <b>Statoil</b>
16:20-16:40	Ocean Energy activities in Japan	<i>Prof. Takeshi Kinoshita</i>	Professor, Department of Mechanical and Biofunctional Systems, IIS, <b>University of Tokyo</b>
16:40-17:00	Status offshore wind projects in Japan (Goto)	<i>Tomoaki Utsunomiya</i>	Professor, Department of Civil & Earth Resources Engineering, Kyoto University
17:00-17:20	Floating Wind Technology – Cost of Energy Studies	<i>Yukinobu Uchida</i>	<b>DNV GL/Garrard Hassan</b>
17:20-17:30	Q&A – concluding remarks	<i>Per Christer Lund</i>	

**17:45 – 20:00 Networking buffet at the Arctic Hall at the Norwegian Embassy**

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