



**Cost efficient offshore wind logistics**  
**The role of ports in a lean supply chain for offshore wind**

8 September 2016  
 Hotel Andromeda, Oostende, Belgium

**Agenda**

8.30-9.00	Welcoming coffee
9.00- 9.05	Introduction to the event (Jimmy Murphy, University College Cork)
9.05-9.20	<p><b>Models for ports suitability assessments (Negar Akbari, University of Hull)</b></p> <p><i>This presentation will show the most critical technical requirements that ports need to fulfil in order to efficiently support the installation, operation and maintenance and decommissioning phases of the offshore wind farm lifecycle. It will also introduce a decision making model which could aid developers and designers in selecting the most suitable base for an offshore wind farm for a particular phase of its lifecycle</i></p>
9.20-9.30	Q&A
9.30-9.45	<p><b>How to reduce maintenance costs by means of innovative lifting solutions (Nicolas Degand and Ole Jacob W. Nielsen, OWA)</b></p> <p><i>The presentation will cover challenges in Offshore Wind O&amp;M and the Future of Offshore Wind O&amp;M, together with boom Lock System from High Wind</i></p>
9.45- 9.55	Q&A
9.55- 10.25	<p><b>Full logistics model demonstration (Lars Magne Nonas, Marintek)</b></p> <p><i>This presentation will show decision support models for optimization of the logistics of offshore wind farms.</i></p> <p>It will also include a short <b>simulation of GIS database of manufacturing facilities, transportation links and port locations (Thomas Van lanschot, University of Edinborough).</b></p> <p><i>This will consist of: a brief description of the development of the model and its integration with the outputs from other project partners; an outline to how evaluations are made for routings and selection options; the major outputs of the model during the installation, operations &amp; maintenance and decommissioning stages; how the data will be stored in an interactive format.</i></p>
10.25-10.40	Q&A
10.40-11.00	Coffee break
11.00-11.15	Hints to the case-study analysis on Port of Oostende (Jan-Erik Hanssen, 1-tech)

	<i>The case study will analyse the environmental, societal and economic impact that the supply chain of an offshore wind farm can bring to the local environment and community</i>
<b>11.15-11.25</b>	<b>Q&amp;A</b>
<b>11.25-11.40</b>	<p><b>The construction of the Nobelwind offshore windpark (Koen Marchand, Jan de Nul)</b></p> <p><i>During the summer of 2016, the groups Martin Bencher and Jan de Nul have been active in order to construct the offshore windpark Nobelwind, managed by Parkwind, in front of the port of Oostende.</i></p> <p><i>An overview of the executed works will be given.</i></p>
<b>11.40-11.50</b>	<b>Q&amp;A</b>
<b>11.50-12.40</b>	<p><b>The audience will be split into the following 4 working groups:</b></p> <ul style="list-style-type: none"> <li>– <b>Models for ports suitability assessments</b></li> <li>– <b>Maintenance costs reduction by means of innovative lifting solutions</b></li> <li>– <b>Full logistics model demonstration</b></li> <li>– <b>Case-study analysis on Port of Oostende</b></li> </ul> <p><i>Feedback will be sought from the participants on the outcomes presented under each topic.</i></p>
<b>12.40-13.00</b>	<b>Wrap-up of the feedback received for each working group and conclusion of the event</b>
<b>13.00-14.00</b>	<b>Lunch break</b>
<b>14.40-16.30</b>	<b>Field visit to the offshore area of Port of Oostende's facilities</b>

### About [leanwind](#)

leanwind is a 4-year project that started in December 2013. Its primary objective is to provide cost reductions across the offshore wind farm lifecycle and supply chain through the application of lean principles and the development of state of the art technologies and tools.



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