



© A2SEA, Tony West for Vattenfall

Introduction

Cost efficient offshore wind logistics - The role of ports in a lean supply chain for offshore wind – Oostende

08/09/2016

Jimmy Murphy

University College Cork, Ireland



leanwind

Project supported within the Ocean of Tomorrow call of the European Commission Seventh Framework Programme



Logistic Efficiencies And Naval architecture for Wind Installations with Novel Developments

OBJECTIVE: to provide cost reductions across the offshore wind farm lifecycle and supply chain and the development of state of the art technologies and tools.

- UCC is coordinator
- 31 partner organisations
 - 52% industry partners
 - Representing 11 countries;
- €14.9m total funding; €10m EC funding
- 4 year duration
 - Start date: December 2013



Dr. Jimmy Murphy (UCC), Máire Geoghegan-Quinn (EU Commissioner for Research, Innovation & Science), and Ørnulf Jan Rødseth (Norwegian Marine Technology Research Institute) © Gary O'Neill

Project Summary

LEANWIND Consortium



Coordinator



52% Industry Partners

Aims to be industry relevant and not simply an academic project

Project Partners



THE UNIVERSITY OF EDINBURGH



OWA

Offshore & Wind Assistance



National Technical University of Athens



- WP2 Construction, Deployment & Decommissioning
- WP3 Novel Vessels & Equipment
- WP4 Operation & Maintenance
- WP5 Integrated Logistics
- WP6 System Integration
- WP7 Testing & validation of tools & technologies
- WP8 Economic & Market Assessment

Agenda

9.00- 9.05	Introduction to the event (Jimmy Murphy, University College Cork)
9.05-9.20	Models for ports suitability assessments (Negar Akbari, University of Hull)
9.20-9.30	Q&A
9.30-9.45	How to reduce costs by means of innovative lifting solutions (Nicolas Degand and Ole Jacob W. Nielsen, OWA)
9.45- 9.55	Q&A
9.55- 10.25	Full logistics model demonstration (Lars Magne Nonas, Marintek). Simulation of GIS database (Thomas Van lanschot, UNEDIN).
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)
11.15-11.25	Q&A
11.25-11.40	The construction of the Nobelwind offshore windpark (Koen Marchand, Jan de Nul, tbc)
11.40-11.50	Q&A
11.50-12.40	The audience will be split into the following 4 working groups: <ul style="list-style-type: none">– Models for ports suitability assessments– Maintenance costs reduction by means of innovative lifting solutions– Full logistics model demonstration– Case-study analysis on Port of Oostende
12.40-13.00	Wrap-up of the feedback received for each working group and conclusion of the event
13.00-14.00	Lunch break
14.40-16.30	Field visit to the offshore area of Port of Oostende's facilities



leanwind

**Thank you very much
for your attention**