



**Megan Arnold  
Board Member for  
Supply Chain Issues  
& Chair of the Offshore Wind  
Delivery Group**

BWEA 28 Glasgow

10<sup>th</sup> to 12th of October 2006

# **BWEA Contracting Workshop**

**Held Nov 30<sup>th</sup> / Dec 1<sup>st</sup> 2005**



## **Shift the overall performance risk profile of the offshore wind industry to:**

- Achieve significant reductions in the lifecycle costs of offshore wind farms.
- Improve the vitality and long-term viability of the offshore wind industry.
- Enhance the profitability of companies throughout the development, delivery and supply chains.
- Secure the industry's profitable contribution to the achievements of the UK's environmental targets.

# Outcomes of the workshop

- Healthy debate and good communication across the industry.
- Highlighted that there are similar issues across the supply chain.
- Enthusiasm to join-up thinking & a desire to deliver.
- Call for a steering group established to review the outcomes of the workshop.

# Offshore Wind Delivery Group



- OWDG est. Jan 06 from members of the BWEA who volunteered.
- Representation is pan industry inc:
  - Wind Turbine Manufacturers
  - BOP / Supply Chain
  - Engineering
  - Manufacturing
  - Developers (utility & non-utility)
  - Consultants
  - Legal
  - BWEA
- Meet every 6 weeks.

# OWDG Mission Statement



Assist the creation of a dynamic and sustainable offshore wind industry, which will enhance the diversity of energy supply, by enrolling all relevant parties in initiatives that shorten project delivery times and improve the commercial viability of projects for all.

# OWDGD Key Objectives

- Identify blockages in the current market dynamics and seek or accelerate solutions that may not occur through natural market forces.
- Encourage technical and commercial innovations that reduce risk and improve the financial viability of projects.
- Ensure that there is balanced focus on both the short term capital cost & long term operating cost as the industry seeks project cost reductions from an accurate present day benchmark.

# OWDGD Key Objectives

- Work to encourage a supply chain environment where suppliers have confidence and desire to invest in resources and equipment to support future developments.
- Facilitate increase openness, responsibility and cooperation within the industry.

# Priority Activities

- Economics of Projects
  - Cost model
- Market intelligence
  - Assisting supply chain development by sharing developer plans (and vice-versa)
  - Assisting infrastructure development by flagging up needs
- Commercial Drivers & Constraints
  - Contracting
  - Schedule of risks
  - Standards / best practice
  - Lessons learnt
  - Terms of reference

# Current Activities

- Collating further inputs to the cost model.
- Update the 'At a Cross Roads' report.
- Review & development of European project timetable.
- Development of risk profile matrix.
- Still awaiting DTI funding for Programme Director – now 07.

# Next Steps

- Next meeting 31<sup>st</sup> October 2006
- Another workshop? Tailored sector workshops / seminars?
- OWDG Website now launched & to be expanded.
- Welcome feedback on:  
[offshoredelivery@bwea.com](mailto:offshoredelivery@bwea.com)

# Research & Development

- DTI / BWEA workshop June 06
  - Participants called for BWEA to coordinate and champion R&D for the wind industry.
  - Created BWEA R & D group August 06
  - 2<sup>nd</sup> meeting – Sept 06 to determine the group's mission and objectives and participants.
  - Member's website soon to follow.

# R & D Mission Statement

Accelerate the development of a sustainable, innovate and prosperous UK wind and marine industry through effective research and development.

# R & D Objectives

- Identify, promote and disseminate information regarding research and development opportunities.
- Actively encourage co-operation and innovation through the facilitation of constructive dialogue between members and interested parties including, institutions, academia, government, industry and other funding bodies.

# R & D Objectives

- Champion UK success, capabilities and enthusiasm for research and development activities.
- Engage and inform governments, research and development bodies, the wind and marine industries of the needs and priorities of these sectors.
- All of the objectives are undertaken to the benefit of the BWEA members.

# Offshore Strategy Group

- Chaired by Andrew Murfin – Shell Wind Energy
- 7 sub-groups all with separate chairs.
- Meet the chairs – Wed 11<sup>th</sup> at Lunch near the BWEA stand.

# BWEA Offshore Wind Working Groups

4<sup>th</sup> September 2006



**Offshore Strategy Group\***  
Chair: Andrew Murfin, Shell Wind  
[andrew.murfin@shell.com](mailto:andrew.murfin@shell.com)  
Tel: 020 7934 2015

**Grid**  
Chair: Neil Birch, npower  
[Neil.birch@npower-renewables.com](mailto:Neil.birch@npower-renewables.com)  
Tel: 0118 959 2847

**Future Offshore**  
Chair: Chris Veal, Airtricity  
[Chris.veal@airtricity.com](mailto:Chris.veal@airtricity.com)  
Tel: 020 8222 7049

**Operational and asset management**  
Chair: Stephen Bolton, Centrica  
[Stephen.bolton@centrica.com](mailto:Stephen.bolton@centrica.com)  
Tel: 020 8734 8658

**Consents and licensing**  
Chair: Jesper Holst, DONG  
[jkh@e2.dk](mailto:jkh@e2.dk)  
Tel: 020 7909 8590

**Deliverability**  
Chair: Megan Arnold, GE Wind  
[Megan.arnold@ge.com](mailto:Megan.arnold@ge.com)  
Tel: 01344 460 493

**HSE**  
Chair: Dave Farrier, E.On UK  
[Dave.farrier@eon-uk.com](mailto:Dave.farrier@eon-uk.com)  
Tel: 02476 183 573

**R&D**  
Chair: Nigel Crowe, PMSS\*  
[ndc@pmss.co.uk](mailto:ndc@pmss.co.uk)  
Tel: 02380 741 211

Offshore wind, wave and tidal stream groups

Offshore wind only groups

Wind (on and offshore), wave and tidal stream groups

**BWEA Staff Members**  
Michael Hay, [michael@bwea.com](mailto:michael@bwea.com), 020 7689 1937  
Gordon Edge, [gordon@bwea.com](mailto:gordon@bwea.com), 020 7689 1967

\* All group chairs sit on the Offshore Strategy Group except the R&D group chair. R&D feeds into the strategy group through Megan Arnold. Peter McLellan (Vestas) represents manufacturing on the Strategy Group and Andrew Perkins (Ernst and Young) represents Financial Support – BWEA does not have working groups for either subject

[www.bwea.com](http://www.bwea.com)

Thank you

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**BWEA - Championing the UK wind and marine renewables industries**

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## BWEA - Members Area - Offshore Wind Delivery Group

Welcome to the web page for the work and activities of the Offshore Wind Delivery Group. This group consists of members representing a variety of interests from development to manufacturing and contracting activities for offshore wind farms.

The group was established in early 2006 as a direct result of member discussions at the Offshore Wind Contracting and Supply Chain Workshop held in December 2005. It sits alongside other offshore sub-groups and under the Offshore Strategy Group.

The offshore wind farms planned in British waters have a great potential to provide the UK with an indigenous source of carbon free energy generation, create new jobs during construction and provide long term operations and maintenance employment throughout their lifetime.

Therefore the mission of this group is to:

'Assist the creation of a dynamic and sustainable offshore wind industry, which will enhance the diversity of energy supply, by enrolling all relevant parties in initiatives that shorten project delivery times and improve the commercial viability of projects for all.'

We aim to facilitate communication, improve clarity, accelerate solutions to problems in order to reduce the risk of designing, constructing and operating offshore wind farms.

We very much welcome your thoughts and input. If you have any comments or inputs you would like to give to the group, then please email us at: [offshoredelivery@bwea.com](mailto:offshoredelivery@bwea.com)

**Megan Arnold**  
Chair of the BWEA Offshore Wind Delivery Group

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Email: [Offshoredelivery@bwea.com](mailto:Offshoredelivery@bwea.com)