

# BWEA31

The UK's premier renewable energy event



BWEA's 31st

Annual conference and exhibition

20-22 October 2009

## Conference Programme

Updated 16 October 2009

# BWEA31

The UK's premier renewable energy event

## Programme overview

**Day One** | Tuesday 20 October 2009

Time	Main Auditorium (Hall 1A)	Parallel 1 (Hall 1B)	Parallel 2 (Hall 1C)	Exhibition
08.00	Coffee & registration			Exhibition Open
09.00 – 10.15	<b>Opening Session</b>	No session	No session	Exhibition Open
10.15 – 10.45	Coffee break			Exhibition Open
10.45 – 12.00	<b>Overarching National Policy Debate: Delivering the Renewable Energy Strategy</b>	<b>Health &amp; Safety: Embedding Safety into our Offshore Industry</b>	<b>Technical I: Wind Resource &amp; Monitoring</b>	Exhibition Open
12.00 – 13.30	Lunch & exhibition			Exhibition Open
13.30 – 14.00	<b>Political Keynote: The Rt. Hon. Ed Miliband MP, Secretary of State for Energy and Climate Change</b>	No session	No session	Exhibition Open
14.15 – 15.30	<b>Onshore Plenary – 2020: An International Perspective</b>	<b>Offshore Grid – Connecting in a New Regime</b>	<b>Small &amp; Micro-Wind I</b>	Exhibition Open
15.30 – 16.15	Coffee break			Exhibition Open
16.15 – 17.30	<b>Offshore Plenary – Making Round 3 A Reality</b>	<b>Onshore II (EIA issues)</b>	<b>Small &amp; Micro-Wind II</b>	Exhibition Open
17.30 – 19.00	Exhibitors Reception (Exhibition Halls)			Exhibition Open
19.30 – 22.00	Conference Reception (Tate Liverpool, sponsored by The Crown Estate, open to conference delegates & exhibitors, capacity 350)			Exhibition Closed

## Day Two | Wednesday 21 October 2009

Time	Main Auditorium (Hall 1A)	Parallel 1 (Hall 1B)	Parallel 2 (Hall 1C)	Exhibition
08.00	Coffee & registration			Exhibition Open
09.00 – 09.30	<b>Political Keynote: Simon Hughes MP, Liberal Democrat Shadow Secretary of State for Energy and Climate Change</b>	No session	No session	Exhibition Open
09.45 – 11.00	<b>Wave &amp; Tidal Plenary – The £60 million RES investment</b>	<b>Onshore III – Planning Reforms</b>	<b>Supply Chain</b>	Exhibition Open
11.00 – 11.30	Coffee break			Exhibition Open
11.30 – 12.45	<b>Aviation Plenary – Annual Review – Delivering the Aviation Plan</b>	<b>Scotland</b>	<b>Financing Workshop</b>	Exhibition Open
12.45 – 14.00	Lunch & exhibition			Exhibition Open
13.00 – 14.00		<b>Corporate Social Responsibility</b> (lunchtime session)		Exhibition Open
14.00 – 14.30	<b>Sector Skills Accord Sign-Off</b>	No session	No session	Exhibition Open
14.45 – 15.45	<b>Skills, Education &amp; Employment: Training for Success</b>	<b>Offshore Wind Case Studies: What lessons have been learned?</b>	<b>Wave &amp; Tidal II – Progress and opportunity around the UK and Europe</b>	Exhibition Open
15.45 – 16.15	Coffee break			Exhibition Open
16.15 – 17.30	<b>Accessible and Smart? A Grid for the 21st Century</b>	<b>Innovation and R&amp;D</b>	<b>General Election Panel Debate</b>	Exhibition Open
19.15 – 00.00	Gala Dinner (Liverpool Cathedral, sponsored by ScottishPower Renewables, tickets available, note venue change)			Exhibition Closed

## Day Three | Thursday 22 October 2009

Time	Main Auditorium (Hall 1A)	Parallel 1 (Hall 1B)	Parallel 2 (Hall 1C)	Exhibition and Careers fair
09.30	Coffee & registration			Open
10.00 – 10.20	<b>Political Keynote: Charles Hendry MP, Shadow Minister, Energy and Climate Change</b>			
10.30 – 11.45	<b>Building an Offshore Industry</b>	<b>Aviation Issues and Mitigation: A quick-fire round</b>	<b>COWRIE</b>	Open
12.00 – 13.30	Lunch & exhibition			Open
13.30 – 14.45	<b>Stakeholder Panel Debate: Global vs. Local</b>	<b>Maximising Operational Performance</b>	<b>Technical II – Wind Farm Performance</b>	Open
15.00 – 15.30	<b>Closing Session</b>	No session	No session	Open
15.30 – 23.59	Close & Exhibition break-down			Closed

# Full Programme

## Day One: Tuesday 20 October 2009 – Morning Programme

Time	Main Auditorium (Hall 1A)	Parallel 1 (Hall 1B)	Parallel 2 (Hall 1C)
08.00	Coffee & registration		
09.00 – 10.15	<p><b>OPENING SESSION</b>  <i>Chair: Maria McCaffery, Chief Executive, BWEA</i>            Challenges in energy sector globally and in Europe</p> <ol style="list-style-type: none"> <li>1. Maria McCaffery: Welcome Address</li> <li>2. Adam Bruce, BWEA Chairman: Chairman's Address</li> <li>3. The Rt. Hon. John Prescott MP</li> <li>4. Core Sponsor Address: Nick Storer, Chief Executive, Envirolink Northwest: England's Northwest – Moving towards regional renewable energy targets</li> </ol>	No session	No session
10.15 – 10.45	Coffee break		

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## Day One: Tuesday 20 October 2009 – Morning Programme continued...

Time	Main Auditorium (Hall 1A)	Parallel 1 (Hall 1B)	Parallel 2 (Hall 1C)
10.45 – 12.00	<p><b>OVERARCHING NATIONAL POLICY DEBATE</b>  <b>DELIVERING THE RENEWABLE ENERGY STRATEGY</b>  <i>Chair: Stephen Sackur, Journalist and Broadcaster</i></p> <p>This session will explore the headline challenges in delivering 30% renewable electricity by 2020. The panel will outline the Government's intended path for delivery as set out in the Renewable Energy Strategy, while considering the role of the planning system, the requirement for major investment in a new grid infrastructure, and the timely opportunity to create a manufacturing industry in the UK.</p> <ol style="list-style-type: none"> <li>1. Simon Virley, Director General (acting) Energy Markets and Infrastructure, Department of Energy and Climate Change (DECC)</li> <li>2. Willie Heller, CEO, Falck Renewables, BWEA Board Director and Chair of BWEA Economics &amp; Markets Strategy Group</li> <li>3. Alison Kay, Commercial Director, Transmission, National Grid</li> <li>4. Prashant Vaze, Chief Economist, Consumer Focus</li> <li>5. Paul Dowling, CEO, Airtricity</li> </ol>	<p><b>HEALTH &amp; SAFETY – EMBEDDING SAFETY INTO OUR OFFSHORE INDUSTRY</b>  <i>Chair: David Farrier, BWEA Board Director &amp; Chair of BWEA H&amp;S Steering Group &amp; E.ON Climate &amp; Renewables UK</i></p> <p>As our industry grows the need to embed safety into the design of our projects and into the organisational culture across the supply chain will become ever greater. A renewed focus on our industry from key stakeholders such as the HSE and Crown estate demonstrate the continued vigilance needed in keeping health and safety as a number one priority for our industry.</p> <ol style="list-style-type: none"> <li>1. Alan Chivers, CEO, PMSS &amp; C. Hutchinson, Vestas: Offshore Wind: HSE Managers Top Ten</li> <li>2. Thomas Boehme, Senior Engineer, DNV: Offshore Substation Safety</li> <li>3. Scott Mackenzie, Natural Power Consultants Ltd &amp; Sally Shenton Robin Rigg Operations Manager, E.ON Climate and Renewables: Safe Management of Offshore HV Connections on Robin Rigg Offshore Wind Farm</li> <li>4. David Riches, Safety Engineering and Design Consultant, Safety Squared: Developing a New Test Specification under the PPE Directive to Provide a Benchmark for Multifunctional Height Safety Systems</li> <li>5. Captain Peter Hodgetts, Chief Executive, The SeaRoc Group: Building a Safety Culture in Offshore Renewables</li> </ol>	<p><b>TECHNICAL I - WIND RESOURCE &amp; MONITORING (Discussion)</b>  <i>Chair: Anabel Gammidge, BWEA Wind Resource Group Chair</i></p> <p>During this panel discussion, we will address the following questions: Why do we bother with wind monitoring? Why does it matter how this is done? What are the needs of the users of wind resource predictions and energy analyses - developers, manufacturers and funders? Are we meeting those needs at the moment? How can we do things better? How can we reduce the risks? The panel will consist of a mix of specialist wind analysts and those who rely on their services. We also hope to engage the audience who will be encouraged to ask questions and contribute to the debate.</p> <ul style="list-style-type: none"> <li>• Karen Anne Hutton, Senior Wind Analyst, RES</li> <li>• Oisín Brady, Director (France), Natural Power Consultants</li> <li>• Kell Øhlenschläger, Wind and Site Manager, Vestas</li> <li>• Gareth Miller, Head of Renewables and Natural Resources Project Finance, Barclays</li> <li>• Paul Housley, Central Analysis Team Manager, Resource Assessment, Airtricity</li> </ul>
12.00 – 13.30	Lunch & exhibition		

## Day One: Tuesday 20 October 2009 – Afternoon Programme

Time	Main Auditorium (Hall 1A)	Parallel 1 (Hall 1B)	Parallel 2 (Hall 1C)
13.30 – 14.00	<b>POLITICIAN KEYNOTE – Rt. Hon. Ed Miliband MP, Secretary of State for Energy and Climate Change</b>	No session	No session
14.15 – 15.30	<b>ONSHORE PLENARY – 2020 AN INTERNATIONAL PERSPECTIVE</b> <i>Chair: Julian Rush, ITN</i> This international panel will discuss what opportunities and challenges the EU 2020 target will bring for different EU countries. It will provide you with an international overview and a unique opportunity to learn from our EU neighbours. Panelists: <ul style="list-style-type: none"> <li>• Jan Serup Hylleberg, CEO, Danish Wind Industry Association</li> <li>• Mr. Jaroslaw Mroczek, President of The Polish Wind Energy Association, PWEA and of EPA Sp. z o.o.</li> <li>• Richard Mardon, Managing Director, Your Energy Ltd and BWEA Board Director</li> <li>• Paul Cowling, Managing Director, RWE npower renewables</li> <li>• Tim Cowhig, CEO, SWS Energy</li> </ul>	<b>OFFSHORE GRID - CONNECTING IN A NEW REGIME</b> <i>Chair: Guy Phillips, Senior Project Developer, E.ON Climate &amp; Renewables UK</i> With the Offshore Transmission Regime underway, we ask how will it work for Round 3 projects and how will new connections be consented? On the technical side we discuss the latest guidance for offshore sub-station design? <ol style="list-style-type: none"> <li>1. Chris Veal, Managing Director, Transmission Capital: OFTOs and Round 3</li> <li>2. John Houghton, Partner, Bond Pearce LLP: Consenting for Grid Connections</li> <li>3. John Finn, Engineering Consultant, Siemens Transmission and Distribution Ltd and CIGRE Chair: CIGRE Offshore Substation Design Guidelines</li> </ol>	<b>SMALL &amp; MICRO-WIND I</b> <i>Chair: Alex Murley, Head of Small-Systems, BWEA</i> Although the UK is the world's second largest market for small scale wind technology, representing over a fifth of global demand, the sector is at an early stage in its development. This session examines the three primary barriers to enabling the UK market and industry to fulfil its obvious potential – Financial incentives, Development of industry standards, and the UK planning system. <ol style="list-style-type: none"> <li>1. John Moriarty, Assistant Director, DECC: Feed-In Tariffs for Small Scale Low Carbon Electricity</li> <li>2. Chris Calvert BSc (Hons) MA MRTPI, Planning Director, Pegasus Planning Group: Good Practice Planning Guidance for Small Wind Turbines</li> <li>3. Alistair Mackinnon, Business Manager, TUV NEL Ltd: Small Wind Turbine Testing and Certification</li> </ol>
15.30 – 16.15	Coffee break		
16.15 – 17.30	<b>OFFSHORE PLENARY - MAKING ROUND 3 A REALITY</b> <i>Chair: Duarte Figueira, Head of the Wind and Planning Delivery Team (WPD), Office for Renewable Energy Deployment (ORED), DECC</i> The third round of offshore wind is big news in the industry, but now that it is here, what steps are needed to make it happen? The Crown Estate will outline the next stages of the process and then views from outside the industry will be heard. <ol style="list-style-type: none"> <li>1. Dermot Grimson, Head of External Affairs, The Crown Estate</li> <li>2. Karema Warr, Marine Environmental Impact Assessor, Cefas: The Offshore Wind Industry's Interaction with Fishing</li> <li>3. David Jones, Senior Safeguarding Officer, MoD Defence Estates: Round 3 - An MoD perspective</li> <li>4. Ruth Davis, Head of Climate Change Policy and Dr. Rowena Langston, Principal Conservation Biologist, RSPB: Round 3 and Birds</li> </ol>	<b>ONSHORE II (EIA ISSUES)</b> <i>Chair: Simon Christian, Project Development Director, ScottishPower Renewables</i> This session will update you on key issues for the EIA process and will update you on the latest developments. <ol style="list-style-type: none"> <li>1. Edward Romaine, Associate, Bond Pearce LLP: Addressing Cumulative Effect – A robust EIA approach</li> <li>2. Marcus Trinick, Partner Eversheds LLP &amp; BWEA Board Director: Environmental Statements: Ensuring High Standards</li> <li>3. Malcolm Hayes, Director, Hayes McKenzie Partnership Ltd: Update on Noise Issues</li> <li>4. Stephen Holloway, Associate, Andrew McCarthy Associates: Can Turbines and Wildlife Co-Exist in the UK? Lessons learned and future vision</li> </ol>	<b>SMALL &amp; MICRO-WIND II</b> <i>Chair: Matt Partridge, BWEA Board Member &amp; Chair of the BWEA Small Systems Steering Committee &amp; Head of Strategic Wind Development, Ecotricity</i> Unlike large wind turbines, the UK currently has a strong and world leading manufacturing base for small scale wind turbines. With over 18 UK based manufacturers, significant strides are being made towards technological advancement, innovation, industrial development and research. <ol style="list-style-type: none"> <li>1. Jaryn Bradford, Renewables Development Manager, Energy Saving Trust, EST: Domestic Scale Wind Turbine Field Trial</li> <li>2. Pete Anderson, Managing Director, Eclectic Energy Ltd: The Optimisation of Micro and Building-Integrated Wind</li> <li>3. Peter Griffiths, Marketing Manager, Proven Energy: Manufacturing Renewables in the UK: A small wind perspective</li> <li>4. Ben Cosh, Director, The Green Energy Company: Onsite Wind: Foundations for Growth</li> </ol>
17.30 – 19.00	EXHIBITORS RECEPTION – Open to sponsorship (Exhibition Halls)		
19.30 – 22.00	CONFERENCE RECEPTION –Sponsored by The Crown Estate (Tate Liverpool, Albert Dock) – open to conference delegates and exhibitors (capacity 350)		

## Day Two: Weds 21<sup>st</sup> October 2009 – Morning Programme

Time	Main Auditorium (Hall 1A)	Parallel 1 (Hall 1B)	Parallel 2 (Hall 1C)
08.00	Registration and Coffee (Exhibition Halls)		
09.00-09.30	<p><b>POLITICAL KEYNOTE</b></p> <p>Simon Hughes MP, Liberal Democrat Shadow Secretary of State for Energy and Climate Change</p>	No session	No session
09.45-11.00	<p><b>WAVE &amp; TIDAL PLENARY – THE £60 MILLION RES INVESTMENT</b></p> <p><i>Chair: Andrew Mill, CEO, NaREC and Chair of BWEA Wave &amp; Tidal Strategy Group</i></p> <p>In this session we deconstruct the announcements made in the RES, expanding on the details behind the £60 million of investment proclaimed in June. With a deadline of spring of 2011 these projects will have to deliver inline with an ambitious time line, which will no doubt stimulate and further secure the marine renewables industry in the UK.</p> <ol style="list-style-type: none"> <li>1. Trevor Raggatt, Deputy Head (Wave and Tidal Technologies), Wave and Tidal Unit, Office of Renewable Energy Deployment, DECC: The Marine Energy Action Plan – Setting the Context for Developing Marine Energy in the UK</li> <li>2. Stephen Wyatt, Technology Acceleration Manager, Carbon Trust: The Role of Marine Renewables Proving Fund in the Funding Landscape</li> <li>3. Stephen Wilson, Director of Wind and Marine, NaREC: Delivery of the Renewable Energy Strategy (RES): Why an onshore Marine Testing Facility</li> <li>4. Neil Kermode, Managing Director, EMEC: Births and Nurseries: The perfect environment to nurture a growing industry</li> <li>5. Jonny Boston, Offshore Renewable Energy Manager, South West RDA: Marine Energy Investments in South West England – the UK's First Low Carbon Economic Area</li> </ol>	<p><b>ONSHORE III – PLANNING REFORMS</b></p> <p><i>Chair: Katherine MacNeill, Deputy Head, Renewables Deployment, ORED, DECC</i></p> <p>This session will focus on the planning reforms in England, Wales and Scotland. Following short presentations from government representatives a panel discussion will take on how the reforms will deliver 2020 targets.</p> <ol style="list-style-type: none"> <li>1. Peter Ellis, Deputy Head of Division, DCLG: Planning Reform in England</li> <li>2. Rosemary Thomas, Chief Planner, Welsh Assembly Government: Planning for Renewable Energy in Wales</li> <li>3. Graham Marchbank, Principal Planner, Scottish Government: Planning Reforms (Scotland)</li> <li>4. John Ainslie, Head of Consents, RWE Npower Renewables Ltd</li> </ol>	<p><b>SUPPLY CHAIN</b></p> <p><i>Chair: Chris Towner, BWEA Offshore Wind Delivery Group Chair &amp; Partner, Bond Pearce LLP</i></p> <p>This session will focus on project management, supply chain strategy and the UK content of our existing supply chain. What could be done to increase that UK content? How are contracts changing to deliver efficiency?</p> <ol style="list-style-type: none"> <li>1. Richard Hatton, UK Offshore Business Development Manager, REpower Systems AG: Developing UK Content in the Offshore Wind Supply Chain</li> <li>2. Paul McQuillan, Legal Director, Pinsent Masons LLP: The Supply Chain and the Changing Market for Procuring the Construction/O&amp;M Phases of Offshore Wind Farms</li> <li>3. David M Elliott, Head of Sales and Bidding – Maritime Platforms Consulting, QinetiQ UK Ltd: Are the Marine Renewables and Shipbuilding Industrial Strategies Linked?</li> <li>4. Martin Gibson, BVG Associates: The Value of the UK Wind Industry</li> </ol>
11.00-11.30	Coffee Break (Exhibition Halls)		

## Day Two: Weds 21<sup>st</sup> October 2009 – Morning Programme continued...

Time	Main Auditorium (Hall 1A)	Parallel 1 (Hall 1B)	Parallel 2 (Hall 1C)
11.30-12.45	<p><b>AVIATION PLENARY – ANNUAL REVIEW – DELIVERING THE AVIATION PLAN</b></p> <p><i>Chair: Duarte Figueira, Head of the Wind and Planning Delivery Team (WPD), ORED, DECC</i></p> <p>How far have we come in the past year? A year on from DECC facilitating stakeholders coming together and establishing the Aviation Plan, this session will provide the highlights of the past 12 months.</p> <ol style="list-style-type: none"> <li>1. Simon Christian, Project Development Director, ScottishPower Renewables and Chair of the Fund Management Board: Setting up the Aviation Investment Fund Company Limited (AIFCL), the Fund Management Board (FMB) and progress to date</li> <li>2. Debbie McCall, Head of Energy Consents and Deployment and Alasdair Auld, Scottish Government: In Search of a South West of Scotland Aviation Solution</li> <li>3. Group Captain Chris Knapman, MOD, Royal Air Force &amp; Group Captain Chris Elliot, DAATM, MOD: The Aviation Plan - MOD Progress</li> <li>4. David Hawken, Head of Infrastructure Asset Engineering, NATS En Route Plc: The Advantages of Working Together</li> </ol>	<p><b>SCOTLAND</b></p> <p><i>Chair: Jeremy Sainsbury, Director, Natural Power Consultants</i></p> <p>This session will provide you with a policy update in Scotland and will provide you with an update on the latest issues.</p> <ol style="list-style-type: none"> <li>1. Lynne Vallance, Head of Offshore Renewables Team, Scottish Government: Renewables in Scotland</li> <li>2. Hugh Clayden, Policy Advisor, Sustainable Forest Management, Forestry Commission Scotland: The Scottish Government's Policy on Control of Woodland Removal</li> <li>3. Brendan Turvey, Policy and Advice Manager – Renewables, Scottish Natural Heritage: Good Practice During Wind Farm Construction</li> <li>4. Eric McRory, Sustainable Energy and Resources Unit Manager, Scottish Environment Protection Agency (SEPA): Wind Farms and Peat</li> </ol>	<p><b>FINANCING WORKSHOP</b></p> <p><i>Chair: Nick Gardiner, Director Energy &amp; Utilities, BNP Paribas Fortis</i></p> <p>The meltdown in the financial markets has had profound impacts on wind projects' ability to access finance. In this session, attendees can hear about the problems from a developer's perspective, followed by an interactive session with leading bank representatives, including all three banks participating in the EIB intermediated loan scheme.</p> <p>Presentation:</p> <ul style="list-style-type: none"> <li>• Manus O'Donnell, Corporate Finance Manager, Mainstream Renewable Power: Financing Wind Projects in the Current Economic Climate</li> </ul> <p>Panellists:</p> <ul style="list-style-type: none"> <li>• Jamieson Thrower, Director, RBS</li> <li>• Richard Simon-Lewis, Head of Energy &amp; Utilities, Lloyds TSB</li> <li>• Helen Wade, Director Project Finance, National Australia Bank</li> </ul>
12.45-14.00	Lunch & Exhibition		
13.00-14.00	No session	<p><b>CORPORATE SOCIAL RESPONSIBILITY – Lunchtime session</b></p> <p><i>Chair: Anna Stanford, Head of Communications, RES</i></p> <ol style="list-style-type: none"> <li>1. Keith Tyrell, Development Director, The Koru Foundation &amp; Marcus Trinick, Partner, Eversheds LLP &amp; BWEA Board Director: Renewable Connections</li> <li>2. Daljit Singh, Development Director, Scottish Community Foundation: Gaining Community Buy-in</li> <li>3. David Parker MBA, CEnv, MChemE, FRSA, Head of Remanufacturing, Centre for Remanufacturing &amp; Reuse, Oakdene Hollins Ltd: Remanufacturing – An opportunity for suppliers and buyers</li> </ol>	No session

## Day Two: Weds 21<sup>st</sup> October 2009 – Afternoon Programme

Time	Main Auditorium (Hall 1A)	Parallel 1 (Hall 1B)	Parallel 2 (Hall 1C)
14.00-14.30	<p><b>SECTOR SKILLS ACCORD SIGN-OFF</b></p> <p><i>Chair: Charles Rose, Acting Chair of the BWEA Skills and Education Strategy Group</i></p> <p>Delivering a new Renewable Energy Apprenticeships Programme and mitigating the skills gaps that affect industry require commitments from Government, industry and other stakeholders. The Rt. Hon. Lord Whitty will be announcing the outcomes of the morning's Skills Summit and will be overseeing the sign-off of the first Renewable Energy Sector Skills Accord during this session.</p> <ul style="list-style-type: none"> <li>• Keynote address: Kevin Brennan, Minister of State for Further Education, Skills, Apprenticeships and Consumer Affairs at the Department for Business, Innovation and Skills (BIS)</li> <li>• The Rt. Hon. the Lord Whitty: Outcomes of the BWEA Skills Summit and Wind and Marine Energy Sector Skills Accord</li> <li>• Mark Andrews, National Apprenticeships Ambassador: The Business Benefits of Apprenticeships</li> <li>• Sector Skills Accord Sign-off</li> </ul>	No session	No session
14.45-15.45	<p><b>SKILLS, EDUCATION &amp; EMPLOYMENT - Training for success</b></p> <p><i>Chair: Jonathan Mackey, Assistant Director, Raising Employer Demand for Skills, Skills Directorate – DBIS</i></p> <p>The wind and marine industries will need to draw on over 30,000 new recruits in order to support businesses in achieving the Government's 2020 renewable energy targets. Skills gaps are already experienced by employers, and they must be promptly addressed to prevent them becoming a major barrier to the growth of industry at large. This session introduces what activities are aimed to address the skills shortages, from the company level, through to new national and international initiatives.</p> <ol style="list-style-type: none"> <li>1. Jan Sisson, General Manager, On-shore Service and Lorraine Hubbard, Training Officer, Siemens Energy Renewables: Facing the Wind - Developing the next generation</li> <li>2. Dave Newborough, Head of Employee Relations, E.ON UK; Chair of PSSSG and Shadow Board Member of NSAP, The National Skills Academy for Power: Addressing the Skills Challenges of the Renewables Power Sector – the National Skills Academy for Power</li> <li>3. Gerard McGovern, Windskill Project Manager, German Wind Energy Association: Windskill Programme - A European qualifications profile for the wind industry</li> </ol>	<p><b>OFFSHORE WIND CASE STUDIES – What lessons have been learned?</b></p> <p><i>Chair: Richard Rigg, Project Director, London Array Ltd</i></p> <p>Expansion in offshore wind is only possible if we learn from the projects that are being built now. We will hear the experiences of some projects from the UK and across Europe.</p> <ol style="list-style-type: none"> <li>1. Per Hjelsted Pedersen, Director, Project Development Wind, DONG Energy: Delivery of Gunfleet Sands I+II and Horns Rev II</li> <li>2. Alan Thompson, Head of Renewables, Centrica Renewable Energy Ltd: Lynn and Inner Dowsing Offshore Wind Farms</li> <li>3. Peter Jones, Head of Technology, ABB Ltd: Delivery of the World's First 400MW HVDC Offshore Wind, Grid Connection Platform, 128kms out in the North Sea</li> </ol>	<p><b>WAVE &amp; TIDAL II – Progress and opportunity around the UK and Europe</b></p> <p><i>Chair: Martin Simpson, Head of Technology &amp; Projects, The Crown Estate</i></p> <p>By focusing on government strategic thinking, options that can be taken to increase the rate of deployment and activity outside of the UK; the session will bring together large strategic projects from across the UK and Europe, which will be of interest to the marine industry and those interested in its plans for future development.</p> <ol style="list-style-type: none"> <li>1. David Wotherspoon, Regional Director, Metoc &amp; Sarah Edwards, Associate Director, AECOM: Lessons Learned in SEA.</li> <li>2. Rhodri Griffiths, Head of Clean Energy Production &amp; Steel, Welsh Assembly Government: Wales - A Coastline of Opportunity</li> <li>3. Lynne Vallance, Head of Offshore Renewables Team, Scottish Government: Marine Renewables in Scotland and the Marine Energy Road Map</li> <li>4. Alla Weinstein, President, EU OEA: A European Perspective on the Development of Marine Renewables</li> </ol>
15.45-16.15	Coffee Break (Exhibition Halls)		

## Day Two: Weds 21<sup>st</sup> October 2009 – Afternoon Programme continued

Time	Main Auditorium (Hall 1A)	Parallel 1 (Hall 1B)	Parallel 2 (Hall 1C)
16.15-17.30	<p><b>ACCESSIBLE AND SMART? A GRID FOR THE 21<sup>ST</sup> CENTURY</b>  <i>Chair: Richard Ford, UK Grid Connections Manager, RES</i></p> <p>Networks are a key aspect of delivering large scale renewable development. DECC has indicated that it will use the powers taken in the Energy Act 2008 to impose a transmission access solution, while Ofgem is leading a tough Distribution Price Control Review and the Electricity Networks Strategy Group is starting work on a smart grid vision. This session will have industry 'provocations' on transmission from Mike Davies and distribution from David Walker, followed by responses from Government, regulator and networks.</p> <ol style="list-style-type: none"> <li>1. Mark Cox, Associate Partner, Transmission &amp; Governance, Ofgem</li> <li>2. Mike Davies, Managing Director, Wind Energy (Services) Limited</li> <li>3. David J. Walker, Head of Grid &amp; Regulatory Affairs, West Coast Energy</li> <li>4. Lorraine Hamid, Head of Future Electricity Networks Team, DECC</li> <li>5. David Smith, Chief Executive, Energy Networks Association</li> </ol>	<p><b>INNOVATION and R&amp;D</b>  <i>Chair, Benjamin Sykes, Senior Technology Accelerator Manager, The Carbon Trust</i></p> <p>This session will bring you up to date with the research and development landscape, including offshore wind test facilities and illustrate how beneficiaries of awards are using the funding to their advantage.</p> <ol style="list-style-type: none"> <li>1. Benjamin Sykes, Senior Technology Accelerator Manager, The Carbon Trust: Introduction</li> <li>2. Dr. David Curran, Head of Wind Business Development, DECC: UK Government Support for New Wind Technology</li> <li>3. Gareth Craft, Technology Manager, The Crown Estate: Offshore Wind Demonstration Sites</li> <li>4. Dr. Win Rampen, Managing Director, Artemis Intelligent Power: Developing a Gearless Wind Transmission with Assistance from The Carbon Trust</li> <li>5. Dr. Ian Chatting, VP Global Research, Vestas Wind Systems &amp; Rob Sauven, Managing Director, Vestas Technology UK &amp; BWEA Board Director: Wind Power Innovation– The Modern Energy Challenge</li> </ol>	<p><b>GENERAL ELECTION PANEL DEBATE</b>  <i>Chair: Dan Rigden, Publisher of reNews</i></p> <p>With a General Election being held in 2010, what impact will renewable energy make in Party Manifestos and what are likely to be the dividing lines? Each panelist will say a short introduction before a Q&amp;A. Charles Anglin will introduce the session by giving a brief overview of the BWEA's pre-election manifesto.</p> <ol style="list-style-type: none"> <li>1. Greg Rosen, Chair of Labour History Group and Political Commentator; Director of Public Affairs, Bellenden Public Affairs</li> <li>2. George Eustice, Conservative Prospective Parliamentary Candidate for Camborne and Redruth; Associate Director, Portland PR</li> <li>3. James Gurling, Lib. Dem. Strategist and Commentator, Director of Hanover Communications</li> <li>4. Charles Anglin, BWEA Director of Communications</li> </ol>
19.15-00.00	GALA DINNER, LIVERPOOL CATHEDRAL – sponsored by ScottishPower Renewables – tickets available (note venue change)		

## Day Three: Thursday 22<sup>nd</sup> October 2009 – Morning Programme

Time	Main Auditorium (Hall 1A)	Parallel 1 (Hall 1B)	Parallel 2 (Hall 1C)
09.30	Registration and Coffee (Exhibition Halls)		
10.00-10.20	<b>POLITICAL KEYNOTE: Charles Hendry MP, Shadow Minister, Energy and Climate Change</b>	No session	No session
10.30-11.45	<p><b>BUILDING AN OFFSHORE INDUSTRY</b>  <i>Chair: Dr. Gordon Edge, Director of Economics &amp; Markets, BWEA</i>  Offshore wind offers the potential for the UK to establish a large-scale manufacturing base, where the opportunity was missed for onshore wind in the 1990s. This will not be an easy task, however, and this session will bring together a wide range of experienced players to discuss the challenges we face in winning the big prize of tens of thousands of new green jobs.</p> <p><b>Presentation:</b> Julian Brown, Business Development, UK Renewables: UK Offshore Wind - A Vision for Industrialisation</p> <p><b>Panel Debate:</b></p> <ul style="list-style-type: none"> <li>David Still, Managing Director, Clipper Windpower Marine</li> <li>Patrick Phelan, Managing Director, JDR Cable Systems Ltd</li> <li>Alastair Dutton, Development Manager, The Crown Estate</li> <li>Ray Thompson, Business Manager – Energy &amp; Engineering, One North East</li> </ul>	<p><b>AVIATION ISSUES AND MITIGATION – a quick fire round</b>  <i>(note timings of 10.30-12.00)</i>  <i>Chair: Nicola Vaughan, Head of Aviation BWEA</i>  This session will provide attendees with a lively update on the some of the key developments on addressing aviation issues in the past 12 months.</p> <ol style="list-style-type: none"> <li>Mike Watson, CEO, Pager Power Ltd: Overcoming the Threat of Threat Radar</li> <li>Neil Robinson, Director of Sustainability, Regional Airports Division, Manchester Airports Group: Wind Turbines and Aviation - An Airport Perspective</li> <li>Nigel Pierce, Wind Farms Team Leader and Managing Consultant, BAE Systems: Visualising the Impact of Wind Turbines on Air Traffic Operations</li> <li>Steve Appleton, Research Specialist, Vestas Technology UK: Low RCS Turbines</li> <li>John Terry, Managing Director, HITEK Electronic Materials Ltd: ARIES Absorbing Reflections In Electromagnetic Shielding</li> </ol>	<p><b>COWRIE (Collaborative Offshore Wind Research Into The Environment)</b>  <i>Chair: Dr. Carolyn Heeps, Cowrie Board Member, Trustee</i></p> <ul style="list-style-type: none"> <li>Dr. Carolyn Heeps - Welcome</li> <li>Mark Robinson, HiDef Aerial Surveying Ltd: Digital Surveys - an insight into how R3 zones have been surveyed in record time</li> <li>Dr. Chris Thaxter, BTO (British Trust for Ornithology): High Definition Imagery for Surveying Seabirds and Marine Mammals: A review of recent trials and development protocols</li> <li>Dr. Rob Blyth-Skyrme, Ichthys Marine Ecological Consulting: Wind farms and fisheries mitigation: options and opportunities</li> <li>Zoe Crutchfield, Mainstream Renewable Power: What has Cowrie ever done for us ? – A developer's view</li> <li>Dr. Carolyn Heeps, Cowrie Trustee and Offshore Project Manager, Fred Olsen Renewables: Cowrie - The legacy and next steps</li> </ul>
12.00-13.30	Lunch Break (Exhibition Halls)		

## Day Three: Thursday 22<sup>nd</sup> October 2009 – Afternoon Programme

Time	Main Auditorium (Hall 1A)	Parallel 1 (Hall 1B)	Parallel 2 (Hall 1C)
13.30-14.45	<p><b>STAKEHOLDER PANEL DEBATE: GLOBAL Vs LOCAL</b>  <i>Chair: Maria McCaffery, Chief Executive BWEA</i></p> <p>How do we balance the needs of the UK and world in climate reduction with the needs of local populations and areas? Our panel will give a short introduction and then debate. As part of their introduction they have chosen a video-clip that they think illustrates their point.</p> <ol style="list-style-type: none"> <li>1. Nick Storer, Chief Executive, EnviroLink Northwest</li> <li>2. James Wilde, Director of Insights, The Carbon Trust</li> <li>3. Shaun Spiers, Chief Executive, Campaign to Protect Rural England (CPRE)</li> <li>4. Dr. Doug Parr, Policy Director, Greenpeace</li> </ol>	<p><b>MAXIMISING OPERATIONAL PERFORMANCE</b>  <i>Chair: Rob Waddington, Managing Director, PMSS</i></p> <p>What is the key to getting the most from an operating wind farm? Manufacturers and owners will explain their experiences of operations and maintenance, including the reliability and data needed to maximise generation.</p> <ol style="list-style-type: none"> <li>1. Dr. Michael Wilkinson, Wind Farm Analyst, Garrad Hassan and Partners Ltd: Measuring and Understanding Wind Turbine Reliability</li> <li>2. Anders Johnsson, Senior Research Engineer, Vattenfall Research and Development: Guidance on the Use of IEC 61400-25 for O&amp;M Data Access</li> <li>3. Jan Sisson, General Manager, On-shore Service, Siemens Energy Renewables: Exceptional Availability Built on Solid Service: Experience from maintaining the first GW built by Siemens</li> </ol>	<p><b>TECHNICAL II – Wind Farm Performance</b>  <i>Chair: Anabel Gammidge, BWEA Wind Resource Group Chair &amp; Senior Wind Power Engineer, SKM</i></p> <p>This session will look at techniques for monitoring and assessing wind farm performance through the use of SCADA data and other methods. The challenges of making and interpreting power performance tests will be discussed and alternative ways of assessing performance will be presented. The results of wind farm case studies will be shown.</p> <ol style="list-style-type: none"> <li>1. Keir Harman, Head of Asset Management and Optimisation Services (AMOS), Garrad Hassan and Partners Ltd: Optimising Wind Farm Performance – A Selection of Case Studies</li> <li>2. Joanna McKenzie, Renewable Energy Consultant, SgurrEnergy: Simple Steps to Better Operational Performance</li> <li>3. Regis Decoret, Senior Wind Engineer, Germanischer Lloyd Industrial Service (UK) Ltd: Wind Farm Performance Assessment Using Various Losses Estimation Methodologies</li> <li>4. Ian Hunter, Technical Analyst, RES UK &amp; Ireland Ltd: Wind Farm Performance Verification, Part 2</li> </ol>
15.00-15.30	<p><b>CLOSING SESSION</b>  <i>Chair: Adam Bruce, BWEA Chairman</i></p> <ul style="list-style-type: none"> <li>• Tony Juniper, Campaigner and Sustainability Adviser</li> <li>• Eddie O'Connor, Chief Executive and Founder, Mainstream Renewable Power</li> </ul>	No session	No session
15:30-23.59	Close & Exhibition break-down		