

Key

Plenary and general sessions	Offshore Wind	Onshore Wind	Grid	Economics & Financing	Wave & Tidal	Small Wind	Free public Sessions	Technical Track (red heading)
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Programme Day 1 | Tuesday 2 November 2010

Time/Room	Plenary Sessions Lomond Auditorium	Parallel Sessions Alsh Room	Parallel Sessions Boisdale Room	Side Events Carron Room	Side Events Dochart Room 1	Side Events Dochart Room 2	Side Events Leven Room	Side Events Morar Room	Exhibition Hall 4
08.30-09.30	Registration and welcome coffee (Hall 1)								
09.30-10.45	L1 Opening Session Chair: Maria McCaffery, Chief Executive, RenewableUK <ul style="list-style-type: none"> Andrew Jamieson, Chairman, RenewableUK Keith Anderson, Managing Director, ScottishPower Renewables, Core Sponsor Address 	-	-	-	-	-	-	-	Exhibition opens at 10.00
10.45-11.30	Coffee break (Exhibition Hall)								
11.30-12.45	L2 Development Issues (Aviation) Chair: Sarah Rhodes, Head, Land-based Renewables, Office for Renewable Energy Deployment, Department of Energy and Climate Change <ul style="list-style-type: none"> Simon Christian, UK Director, ScottishPower Renewables and Chairman, Fund Management Board, Aviation fund - investment progress and results to date Simon Coote, Head of Energy Consents & Deployment Unit, Scottish Government, Scotland Regional Mitigation Solution Marcus Trinick QC, RenewableUK Board Member and Partner Eversheds LLP, Navigating the Aviation Maze in Wind Farm Development - Current Issues and Developments Matthew Clear, Commercial Business Manager, Wind Farms and Information Services, NATS, Working in Partnership – Creating the Future 	A2 Wind and Energy Resource (Technical Track) Chair: Anabel Gammidge, Senior Wind Power Engineer, SKM, and Chair of the RenewableUK Wind Resource Strategy Group <ul style="list-style-type: none"> RenewableUK Wind Resource Group, Met Office MMS Handover Tests Ivar Rush, Director, Prevailing Ltd, Impact of Anemometer Choice on Predicted Wind Farm Energy Production and Wind Farm Economics Andrew Strachan, Engineer, GL Garrad Hassan, Wind farm extensions – Minimising uncertainty in long-term energy forecasts 	B2 Offshore Seminar: Connecting Offshore Projects Chair: Matthew Knight, Business Development Manager, Siemens <ul style="list-style-type: none"> Chris Veal, Managing Director, Transmission Capital, Procuring competitive transmission - lessons so far and a model for the future Simon West, Vice President, RBC Capital Markets (Royal Bank of Canada), OFTO Financing - Experience from the first tender round Toby Mead, Head of Offshore Development, The SeaRoc Group, Connecting Offshore Projects Peter Jones, Engineering Manager, ABB Limited, The Next Generation of Offshore HVDC, Building on Real Experience 	C2 Onshore H&S Workshop – Best Practice Case Studies Chair: Rob Elvin, Partner, National Head of Safety, Health & Environment, Hammonds LLP <ul style="list-style-type: none"> Tom McIlwaine, Senior Wind Farm Consultant, Met Office, Minimising Health & Safety Risks on Wind Farms Jon Cowlan, Health & Safety Consultant, Pinsent Masons LLP, Are Health & Safety Challenges the same for Onshore & Offshore Wind Farms? Jeremy Carnell, Senior Health & Safety Consultant, PMSS, Safety Leadership in wind from Development to Operation Callum Douglas, Risktec, Gaining consent adjacent to Major Hazard Industries. Milford Haven Case Study 	-	-	Onshore Wind Stakeholder Surgery <ul style="list-style-type: none"> Natural England SNH CCW RSPB These stakeholder consultation sessions provide the opportunity to meet with a range of onshore wind statutory consultees in a private forum, to discuss generic issues of concern to developers and other interested parties. Turn up on the day, or pre-book an appointment by contacting Paula Sargeant at p.sargeant@renewable-uk.com	Business Clinics Further information to follow.	Open
12.45-13.15	L3: Political Keynote Rt Hon Alex Salmond, First Minister, Scottish Government								
13.15-14.15	Lunch break (Exhibition Hall)								
14.15-15.30	L4 Offshore Development Issues: International Offshore Project Case Studies Chair: Margaret Porteous, Director Energy and Advanced Engineering, UKTI <ul style="list-style-type: none"> Anders Sjogren, Managing Director, WinWinD Sweden AB, Windpark Vänern, a very different "offshore" project 	A4 Onshore Operations Chair: Lee Callaghan, Scottish Power Renewables <ul style="list-style-type: none"> William Nieman, Lead Solution Architect, SmartSignal, Maximizing the power of wind with the power of Predictive Analytics Ian Naylor Head of Network 	B4 Onshore Seminar – Development Issues (Ecology Issues) Chair: Sarah Rhodes, Head, Land-based Renewables, Office for Renewable Energy Deployment, Department of Energy and Climate Change <ul style="list-style-type: none"> Stephen Holloway, Principal, SLR Consulting, Renewable 	C4 EmbraceMyPlanet - Industry Workshop Chair: Adam Bell, National Campaigns Coordinator, RenewableUK <ul style="list-style-type: none"> Adam Bell, National Campaigns Coordinator, RenewableUK, Shifting from Community Engagement to Community Campaigning 	Renewable World and You: Assisting Your Business to Build its Corporate Responsibility Offering Corporate social responsibility (CSR) plays an increasingly important role in businesses strategy. Renewable World CEO Neil Jeffery and panellists from	Marine Health & Safety Workshop A free event for which pre-registration is required. Contact p.sargeant@renewable-uk.com to register.	Onshore Wind Stakeholder Surgery See above	Business Clinics Further information to follow.	Open

	<ul style="list-style-type: none"> John Buckley, UKTI, China; UKTI Support for Developing Supply Chain Business - Two Case Studies Richard Rigg, Project Director, London Array Limited Ole Bigum Nielsen, Head of Offshore Projects, Vattenfall, Ormonde Development 	<ul style="list-style-type: none"> Asset Management, EA Technology Ltd., Asset Management of Windfarm Plant & Equipment Jakob Larsen, Manager of Performance & Diagnostic Center within Vestas Northern Europe, Vestas, Vestas Performance and Diagnostic Centre – Moving from Availability to Yield Focus 	<ul style="list-style-type: none"> energy and ecology in the UK: the survey, impact assessment and mitigation challenge. Andrew Baker, Director, Baker Consultants Ltd, New remote sensing technology for ecological surveys Pete Wells, Senior Ecologist, Arup, Peat - Poor Ground Conditions or a Valuable Carbon Resource 	<ul style="list-style-type: none"> Alison Hood, Communications Manager, Your Energy, Maximising the Benefits of Consultation Activity Grahame Jordan, Independent Wind Campaigner and Herbert Eppel, Pro Wind Alliance, Local planning battles and myth-busting 	SKM, and Christi Newman and Ankiza Gakanu from EWEA, explain how the sustainable, community-based development of small scale renewable energy programmes in the developing world can provide both long and short term value to your business, as well as transforming lives in the world's poorest communities.					
15.30-16.15	Coffee Break (Exhibition Hall)									Open
16.15-17.30	L5 Electricity Market Reform: Is the ground shifting? Chair: Naga Munchetty, Journalist & Broadcaster <ul style="list-style-type: none"> Dr. Gordon Edge, Director of Policy, RenewableUK, Electricity Market Reform - The RenewableUK position William Heller, CEO, Falck Renewables Robert Longden, Head of Regulatory Affairs, Mainstream Keith Parker, Chief Executive, NIA Barbara Vest, Director, ELEXON and Head of Electricity Trading at the Association of Electricity Producers 	A5 Onshore Development Issues: International Onshore Project Case Studies Chair: Richard Mardon, Chair of Onshore Strategy Group and Managing Director of Your Energy <ul style="list-style-type: none"> Dr Isabel Boira-Segarra, Renewable Services Director, WSP Energy and Environment, Delivering Viable Onshore Wind farm Projects - Global Case Studies Teodor Bobochikov, Business Development Director, AES Wind Generation Europe, Saint Nikola Wind Farm (156MW) - the environmental aspects of a wind farm (case discussion) Christian Egal, CEO, EDF Energy, Exploring new markets for onshore wind developments: how a 67.5 MW wind farm in Mexico looks like? Emma Collins, Partner, Platina Partners LLP, 'Orites' – development of the first wind farm in Cyprus 	B5 New Offshore Foundations & Installation Methods (Technical Track) Chair: Professor Peter Tavner, Professor of New & Renewable Energy, Durham University <ul style="list-style-type: none"> Jan Matthiesen, Offshore Renewable Technology Acceleration Manager, Carbon Trust, Innovative Offshore Foundation and Installation Concepts Petter J. Karal, CEO, Seatower AS, Crane-free and Dredge Free Gravity Foundations Graham Mason, Business Development Director, Flour Ltd, Offshore Foundation Installation - The Greater Gabbard Experience Andy Readyhough, Director Service Delivery, Global Marine Systems Energy, Offshore Cable Installation & Maintenance Lessons Learnt 	C5 Offshore Seminar – Offshore Financing Chair: Jérôme Guillet, Managing Director, Green Giraffe Energy Bankers <ul style="list-style-type: none"> John Dunlop, Head of Energy Project Finance, HSH Nordbank AG, London Branch: Key Differences between Offshore versus Onshore Project Finance Paul McQuillan, Joint Head of Renewables, Pinsent Masons LLP, Delivering Offshore Wind Projects Attractive to Investors and Funders Manus O'Donnell, Corporate Finance Manager, Mainstream Renewable Power: How to satisfy Round 3's need for Capital? Bruce Duguid, Head of Investor Engagement, Carbon Trust: Unlocking New Sources of Capital to Provide Vital Financing for Offshore Wind 	D5 MOD Workshop - an update to industry Chair: Wg Cdr Mike Coleman, RAF SO1 Safeguarding, Air Command <ul style="list-style-type: none"> Mr Paul Askew, Directorate Airspace Policy, CAA and Squadron Leader Nel Tindale, Directorate Airspace Policy, CAA and Sqn Ldr, Update of CAA Support to the Renewables Industry Gavin Pattinson, SO2 Battlespace Management Safeguarding, HQ Air Command, Royal Air Force, Air Traffic Control – An Update Flt Lt Liz Seymour, Battlespace Management Safeguarding, HQ Air Command, Royal Air Force, Air Defence – An Update David Jones, Senior Safeguarding Officer (Engagements), Defence Estates, Ministry of Defence, The MoD, Conditions and Working Towards Mitigation Solutions 	Marine Health & Safety Workshop <i>continued</i> A free event for which pre-registration is required. Contact p.sargeant@renewable-uk.com to register.	Onshore Wind Stakeholder Surgery See above		Open	
17.30-19.00	Exhibitors' Reception (Exhibition Hall, open to sponsorship)									Open
19.00-22.00	Conference Reception (Glasgow Science Centre, sponsored by City & Guilds)									Closed

Please visit the [website](#) for up to date information about all side events.

Programme Day 2 | Wednesday 3 November 2010

Time/Room	Plenary Sessions Lomond Auditorium	Parallel Sessions Aish Room	Parallel Sessions Boisdale Room	Side Events Carron Room	Side Events Dochart Room 1	Side Events Dochart Room 2	Side Events Leven Room	Side Events Morar Room	Side Events Hall 1	Main Exhibition Hall 4	
8.30	Registration and welcome coffee (Exhibition Hall)								Closed	Closed	
09.00-09.20	Keynote session Huw Irranca-Davies, MP, Shadow Energy Minister									Closed	Closed
09.30-10.45	L7 Getting Community Buy In – Community Benefits Chair: John Malone, Development Director, Energy4All Limited <ul style="list-style-type: none"> Charles Anglin, Director of Communications, RenewableUK, Industry & Community Benefit Protocol Giles Ruck, Chief Executive, Scottish Community Foundation, Community Benefit Funding Snapshot Charles Williams, Business Development Director, Community ownership models Tabitha Lewis, LEO Project Manager, Infinergy, Energy tariffs 	A7 New Offshore Wind Technology (Technical Track) Chair: Dr. Richard Court, Technology Specialist - Wind Renewables, Narec <ul style="list-style-type: none"> Søren Houmøller, Director, Technology, Vestas Offshore: Value Drivers for Offshore Wind Turbines Norbert Giese, Senior Vice President Business Unit Offshore, REpower Systems AG, Delivering Multi-megawatt Offshore Specific Wind Turbines in Deep Water Far From Shore" Jonathan Wheals, Chief Engineer Innovation - Driveline and Transmission Systems, Ricardo UK Ltd: Mechanical Innovations for Offshore Reliability Makhlouf Benatmane, Director of Business Development & Market Segment Leader, Converteam Ltd: The Fusion of Wind Turbine Generator and Power Electronics - A New Concept Ready for the Super-Grid 	B7 Offshore Best Practice Case Studies Chair: Peter Hodgetts, H&S Ambassador Round 3 Offshore Wind <ul style="list-style-type: none"> Knud Just Andersen, Project Director, Bligh Bank, Vestas Offshore, Execution of offshore wind farms – Lessons learned Henrik Hansen, Director of Project Delivery, PMSS, Risk and Interface Management for successful Offshore Wind delivery Sally Shenton, Site Manager Robin Rigg, E.ON Climate & Renewables and Martyn Knights, Critical Incident Management Training Manager, Petrofac Training Services, The Importance of Effective Emergency Arrangements (or a Fire, a Wire and a Tale of Two Countries!) Kevin McGovern, Principal Consultant, Metoc plc, Metocean for offshore operations – understanding marine conditions, working limits and downtime 	C7 Coordinating the wave and tidal industry Chair: Paul Jordan, Market Sector Director - Clean Energy and Power Generation and Chair of the Marine Strategy Group <ul style="list-style-type: none"> Martin McAdam, CEO, Aquamarine Power, Making Marine Renewable Energy Mainstream Neal Rafferty, Senior Policy Adviser, The Scottish Government, Supporting Marine Renewables Chris Bale, Chairman, South West Marine Energy Forum and Chief Executive, Ocean Electric Power, The SW England Marine Energy Industry Forum; supporting delivery of the UK's first Low Carbon Economy Sian George, President, EU-OEA, Enabling European Collaboration in Marine Renewables Duarte Figueira, Offshore Renewables, Office for Renewable Energy Deployment, Department of Energy and Climate Change, Current developments in Government marine energy policy 	-	Health and Safety Training clinic The Health & Safety Training Clinics will provide delegates the opportunity to discuss RenewableUK Health and Safety training standards. Focusing on Working at Height & Rescue - Wind Turbines, and Marine Safety Training. The session affords an opportunity to gain a greater understanding of the RenewableUK Approval and Accreditation system for training providers. These are drop-in clinics, so if you are interested, please go to the Dochart Room 2 at one of the times outlined above.	Aviation Stakeholder Surgery <ul style="list-style-type: none"> Ministry of Defence (MoD) NATs En Route CAA Meet with MoD subject matter experts and Defence Estates along with the CAA and NATS En Route to discuss aviation objections to wind farm developments. Turn up on the day, or pre-book an appointment by contacting Paula Sargeant at p.sargeant@renewable-uk.com		Wave & Tidal Exhibition (10.00-17.00)	Exhibition opens to visitors at 10.00	
10.45-11.15	Coffee break (Exhibition Hall)									Open	
11.15-12.30	L8 Offshore Development Issues: Instant Expert – Navigating the Offshore Development Process Chair: Ashley Holt, Round 3 Renewables Programme Manager, Marine Management Organisation <ul style="list-style-type: none"> Mike Neilson, Director, Marine Scotland, Scottish Government, Simplification of the Marine Renewable Licensing System in Scotland Mark Brownrigg, Director-General, Renewables: Shipping Industry friend or foe? Sarah Wright, Senior Environmental Consultant, 	A8 Improving Windfarm Output Predictions (Technical Track) Chair: Stuart Hall, Director, Natural Power <ul style="list-style-type: none"> Keir Harman, Head of Asset Management and Optimisation Services (AMOS), GL Garrad Hassan, Availability and Power Curve Efficiency - How Well Do Wind Farms Actually Perform? Nicola Atkinson, Technical Analyst, RES Group, Availability Analysis Erik Holmgren, Wind Analyst, SSE Renewables: A Study of Wind Power Predictability Using Prediction Risk Indices Based on Meteorological 	B8 Onshore Seminar: Onshore Economics & Financing Chair: Sarah Rhodes, Head, Land-based Renewables, Office for Renewable Energy Deployment, Department of Energy and Climate Change <ul style="list-style-type: none"> Lynne Scott, Partner, Construction & Special Projects, Shepherd and Wedderburn, Contracts for onshore wind: Lessons learned Nick Gardiner, Director, BNP Paribas, The EIB Intermediated Loan Scheme - Taking stock one year in Paul Gardner, GL Garrad 	C8 Technology Development (10mins presentations) Chair: Elaine Kearney, Programme Director, EGSKTN <ul style="list-style-type: none"> Amaan Lafayette, Marine Energy Manager E.ON Climate and Renewables, E.ON in Marine, The Journey so Far Jon Mills, Head of Strategy, New Business, BAE Systems Integrated Systems Technologies, How relevant are defence and aerospace engineering capabilities to offshore renewables? Anthony Hatton, Development Director, Peel Energy, Mersey Tidal Power 	D8 Health & Safety Training: Setting the 'Standard' Chair, Chris Streatfeild - Director of Health & Safety, RenewableUK <ul style="list-style-type: none"> Alistair Birnie - Chief Executive Officer Subsea UK Bernadine Cooney, HSE James Brown - Carnegie College Alastair Dutton, Round 3 Programme Manager, The Crown 	Health and Safety Training clinic The Health & Safety Training Clinics will provide delegates the opportunity to discuss RenewableUK Health and Safety training standards. Focusing on Working at Height & Rescue - Wind Turbines, and Marine Safety Training. The session affords an opportunity to gain a greater understanding of the RenewableUK Approval and Accreditation system for training providers. These are drop-in clinics,			Wave & Tidal Exhibition	Open	

	<p>Royal Haskoning UK, Developer Collaboration in Scottish Waters - Addressing Cumulative Effects</p> <ul style="list-style-type: none"> Andrew Walters, Technical Director (Area Technical Lead – Planning), SKM Enviro, The bigger picture: Overcoming the uncertainties facing offshore consent success 	<p>Ensembles</p> <ul style="list-style-type: none"> Robin Stephens, Senior Advisor, Oceanography & Meteorology, BMT Group Ltd, Understanding Weather Risks Offshore and Validation of Techniques in Context of Offshore Wind Farms 	<p>Hassan, UK Onshore Wind - the true cost now and in the future</p>	<ul style="list-style-type: none"> Douglas Yule, Director, Global Energy Group 	Estate	<p>so if you are interested, please go to the Dochart Room 2 at one of the times outlined above.</p>					
12.30-14.00	Lunch break (Exhibition Hall)										Open
14.00-15.15	<p>L10 Offshore Development Issues: Offshore Economics</p> <p>Chair: Michael Jampel, Head of Offshore Wind Deployment, Offshore Renewables, Office for Renewable Energy Deployment, Department of Energy and Climate Change</p> <ul style="list-style-type: none"> Daniel Castell, Offshore Platform Manager, Alstom Power Ltd, Wind Farm Costs: Understanding the Elements of Optimization of Specific Power of a Wind Turbine and the impact on project cost Bruce Valpy, Director, BVG Associates, How to improve the cost of energy from offshore wind – technology perspectives Benj Sykes, Director of Innovations, Carbon Trust: RD&D as a Means to Strengthen the Economics of Offshore Wind 	<p>A10 Onshore Development Issues: Instant Expert - Onshore Development Process</p> <p>Chair: Rachel Ruffle, Development Director RES UK & Ireland Limited and RenewableUK Board Member</p> <ul style="list-style-type: none"> Mark Worcester, Associate Director, Turley Associates, Planning for Onshore Wind: In a period of uncertainty Peter Dunmow, Chartered Landscape Architect, SKM Enviro, Views from the Front: Residential Visual Amenity and Settings Assessment John Quinton-Barber, Senior Consultant, IPB Communications, Winning Hearts and Minds in the Digital Age Marcus Trinick QC, RenewableUK Board Member and Partner, Eversheds LLP, The assessment and rating of operational noise from wind farms 	<p>B10 Onshore Seminar: Grid Connection</p> <p>Chair: Alistair Gill, RenewableUK Board Member and Head of Offshore Development, RWE Npower renewables, RenewableUK Board Member</p> <ul style="list-style-type: none"> Julian Leslie, Electricity Customer Services Manager, National Grid, Facilitating Grid Access Liz McRobb, Partner, Shephard and Wedderburn LLP, Grid: Where to now? Andrew Ramand, Principal Consultant, WSP Environment and Energy, Grid lock? The Beaulieu Denny Project Soehnke Schierloh, Dipl.-Ing. (FH), Enercon GmbH, Wind Energy converter contributing to frequency stability with Inertia Emulation 	<p>C10 Pentland Firth Focus (10mins presentations)</p> <p>Chair: Gareth Davies, Managing Director, Aquatera Ltd</p> <ul style="list-style-type: none"> John Robertson, Development Manager, The Crown Estate, Pentland Firth Focus – Enabling the Development Ian Johnstone, Councillor Orkney Islands Council, Chairman of Economic Development and regeneration committee, Orkney Developments in the Marine renewables Alec Morrison, Manager, Major Connections Contracts, SSE Power Distribution, A Wires Overview Douglas Watson, Marine Development Officer, ScottishPower Renewables, The Sound of Islay EIA – Lessons for the Pentland Firth 	<p>Health & Safety Training Workshop</p> <p>This workshop builds on work carried out by the RenewableUK Training group, Crown Estate and the interest and feedback from a variety of key stakeholders including the HSE. It also follow on Session D8 - Setting the "Standard".</p> <p>Pre-registration is essential. Contact c.streatfeild@renewable-uk.com to register.</p>		<p>Offshore Wind, Wave and Tidal Stakeholder Surgery: (14.15 to 15.45) Navigational safety</p> <ul style="list-style-type: none"> DfT MCA RYA Trinity house <p>Turn up on the day, or pre-book an appointment by contacting Paula Sargeant at p.sargeant@renewable-uk.com</p>		<p>Wave & Tidal Exhibition</p>	Open	
15.15-15.45	Coffee break (Exhibition Hall)										
15.45-17.00	<p>L11 Medium Wind: Risks and opportunities</p> <p>Chair: Rachel Solomon-Williams, Deputy Head, Land-based Renewables, Office for Renewable Energy Deployment, Department of Energy and Climate Change</p> <ul style="list-style-type: none"> Clive Fagg, Associate Environmental Planner, Carter Jonas LLP, Planning for Medium Wind Energy Development Mike Blanch, Associate Director, BVG Associates, Making the most of medium wind turbine technology. Julian Martin, ICE Renewables and Bruno Hignette, UK Sales Manager, Vergnet, Medium Wind – Risks & 	<p>A11 The Super Smart Windy Grid</p> <p>Chair: Richard Ford, Chair of the RenewableUK Grid Strategy Group and UK Grid Connections Manager, RES Group</p> <ul style="list-style-type: none"> Alex Murley, Head of Technical Affairs, RenewableUK, UK Energy Technology Scenarios, Pathways to 2050 Stephen Norman, Renewables Consultant, Met Office, Wind Forecasting to Support Short Term Balancing and Strategic Planning Norman Macleod, Technology Director, Areva T&D – "Advanced Technology Solutions for Smart Grids" Peter McGarley, Electrical Engineer, Senergy Econnect Ltd, The Super Smart Windy 	<p>B11 Offshore Seminar: Future Operation</p> <p>Chair: Rob Waddington, Managing Director, PMSS</p> <ul style="list-style-type: none"> William Nieman, Manager, Solution Architects, SmartSignal Corporation, Predictive Analytics for Wind Power Applications Jan Matthiesen, Offshore Renewable Technology Acceleration Manager, The Carbon Trust, Improving access systems to extend the operating window for Round 3 sites Thomas Lyhne, Business Manager, Offshore Development, Vestas Offshore, Job creation in the O&M phase 	<p>C11 Marine Energy Economics (10mins presentations)</p> <p>Chair: Paul Jordan, Market Sector Director - Clean Energy and Power Generation</p> <p>Presentations from:</p> <ul style="list-style-type: none"> Richard Boud, Associate Director, Amec Entec, Marine Energy Economics Report Deborah Walter, Deputy Managing Partner, KGA, Utilities & OEMs – The Investment Perspective <p>This will be followed by a panel debate with:</p> <ul style="list-style-type: none"> Dr Stephen Wyatt, Technology Acceleration Manager, The Carbon Trust Trevor Raggatt, Deputy Head, Wave and Tidal 	<p>Health & Safety Training Workshop continued</p>		<p>Offshore Wind, Wave and Tidal Stakeholder Surgery: (16.00 to 17.30) Environmental Stakeholders</p> <ul style="list-style-type: none"> JNCC CCW SNH MMO RSPB <p>Turn up on the day, or pre-book an appointment by contacting Paula Sargeant at p.sargeant@renewable-uk.com</p>	<p>Wave & Tidal Exhibition</p> <p>Closes at 17.00</p>	Exhibition closes 17.00		

	<p>Opportunities</p> <ul style="list-style-type: none"> Chris Towner, Partner, Bond Pearce LLP, FiTs, ROCs and PPAs 	<p>Grid – The Offshore Option</p>		<p>Technologies, Office for Renewable Energy Deployment, Department of Energy and Climate Change</p> <ul style="list-style-type: none"> Tomas Freyman, Assistant Director, Energy and Environmental Infrastructure Joe Hulm, Marine Development Manager, International Power Marine Developments Ltd Chris Skinner, Strategy Manager, BAE Systems 						
19.30 – late	Gala Dinner (Thistle Hotel, open to sponsorship)									

Side events will include

- A dedicated Wave & Tidal Exhibition and Sessions, separately ticketed
- **Please visit the [website](#) for up to date information about all side events.**

Public Day & Careers Fair – Small Wind Side Event

Time/Room	Plenary Sessions Lomond Auditorium	Parallel Sessions Alsh Room	Free Public Sessions Boisdale Room	Parallel Sessions Carron Room	Free Public Sessions Dochart Room	Free Public Sessions Leven Room	Side Events Hall 1	Exhibition Hall 4
09.30-10.30	Registration and coffee (Exhibition Hall)						Careers Fair & Small Wind Exhibition (09.00 – 16.00)	Exhibition opens to visitors at 10.00
10.30-12.00	L13 Onshore Wind – from Consent to Commissioning Chair: Rachel Solomon-Williams, Deputy Head, Land-based Renewables, Office for Renewable Energy Deployment, Department of Energy and Climate Change <ul style="list-style-type: none"> Gemma Grimes, Head of Onshore Renewables, RenewableUK, State of the Industry Report Guy Nicholson, Head of Grid, RenewableUK, Removing the barriers to grid connection Dr. Gordon Edge, Director of Policy, RenewableUK, Interim Connect and Management Andrew Jamieson, Chairman, RenewableUK Richard Glover, Partner, Hammonds Charles Yates, Associate Director of the Government and Infrastructure Advisory, Grant Thornton 	A13 Offshore Seminar: Project Delivery Chair: Chris Towner, Partner, Bond Pearce LLP <ul style="list-style-type: none"> Mike Prowse, Senior Consultant & Partner, K2 Management Renewables Ltd, Interface Management – the key to project development success Jan Thomsen, Project Director, Operations, Vestas, Executing offshore wind farm projects - Lessons learned Mark Stewart, Partner, Energy, EC Harris, Meeting the Challenge of Delivering Cost & Time Certainty for Major Construction Programmes Huib den Rooijen, Director, PMSS, A risk-based approach to better offshore wind projects 	B13 Small Wind Educational Session: Farming wind energy Chair: Leonard Magrill, Evance <ul style="list-style-type: none"> Jim McLaren, President, NFU Scotland Julian Morgan, Managing Director, 7Y Energy, Small wind power in the agricultural sector John Moore, Managing Director, Windcrop: Small Wind System Finance Options Oliver Hughes, Managing Director, Vigor Renewables, Alternative strategies to accessing FiT's through WindcrofingTM Andrew Cook, Director, Environmental, and Paul Burrell, Director, Planning, Pegasus Planning Group, Relates to Small Wind Energy Development 	C13 Small wind systems: Policy Chair: Chris Simpson, Executive Chairman, Proven Energy Ltd. <ul style="list-style-type: none"> John Costyn, Team Leader, Renewables Financial Incentives, Office for Renewable Energy Deployment, DECC Alistair Mackinnon, Business Manager, TUV NEL, Small Wind Systems Testing and Certification - Lessons Learnt Brendan McGarry, MCS Licensee, Gemserv Nicola Perkin, Public Relations Manager, Ocip Energy Ltd, Communication and Planning 	D13 The rough guide to wind and marine energy <ul style="list-style-type: none"> Francis Quail, University of Strathclyde: Introduction to Onshore Wind Dr Gareth Harrison, University of Edinburgh: Marine Energy - State of the Art Steve Clarke, UK Content Manager, Mainstream Renewable Power, Wind Energy – Stepping Offshore One Piece at a Time Q&A Adrian Fox, Supply Chain Manager, The Crown Estate and Fruzsina Kemenes, Skills and Education Policy Officer, RenewableUK, Launch of Offshore Wind Careers Guide Renewable Energy Careers Panel Discussion: involving all presenters 	E13 EmbraceMyPlanet: Free public workshop Chair: Adam Bell, National Campaigns Coordinator, RenewableUK <ul style="list-style-type: none"> Adam Bell, National Campaigns Coordinator, RenewableUK Herbert Eppel, Pro Wind Alliance, Local planning battles and myth-busting Lynn Davies, Aeolus Windpower - local activist, Wind of Change 	Careers Fair & Small Wind Exhibition	Open
12.00-13.30	Lunch break (Exhibition Hall)							
13.30-15.00	L14 Offshore Development Issues: Industrial Infrastructure Chair: Euan Dobson, Team Leader, Infrastructure, Scottish Enterprise <ul style="list-style-type: none"> Richard Cooke, Sales Director Wind, Solar & Biomass Power Generation, AREVA T&D, Developing a Supply Chain for VSC HVDC: A UK Scorecard Chris Garrett, Installation Engineer, Offshore Wind Farms Team, GL Garrad Hassan, Deploying Existing Port Infrastructure to Support the Rollout of Renewables - Northern Ireland Stephen Loft, Senior Electrical Engineer, PMSS, Offshore wind farm electrical balance of plant supply chain constraints Patrick Carnie, Marine Strategy Manager, QinetiQ Ltd, Marine Industries - working together 	A14 New Onshore Wind Technology (Technical Track) Chair: Dr Peter Clive, Technical Development Consultant, SgurrEnergy Ltd <ul style="list-style-type: none"> Stefan Philipp, Head of Product Management, REpower Systems AG, 3.XM - the next evolutionary step of onshore turbine technology Carlos Casanovas, Mechanical Design Engineer, Alstom Power Ltd, Pure Torque drive train concept Frank Heinz, Marketing Manager, Siemens Energy Renewables - Wind Power, SWT-3.0-101: Direct drive Siemens technology Mads Kolby, Power Plant Sales Director, Technology, Vestas Northern Europe A/S: Technical Presentation of V112 turbine 	B14 Small Wind Educational Session: Case studies for beginners Chair: Dr Geoff Watson, Director, Sustainable Energy Consultants Ltd <ul style="list-style-type: none"> Stephen Crosher, Commercial Director Quietrevolution, 40%, a Whopping Opportunity Peter Anderson, Managing Director Eclectic energy Limited, Micro Wind Turbines and Micro Generation – Technology and Applications Johnnie Andringa, Managing Director, Gaia-Wind Ltd Peter Rawson, National Operations Manager, ICE Renewables 	C14 Small wind systems: Technical issues Chair: David Sharman, Director, Ampair <ul style="list-style-type: none"> Eduardo Estelles, CEO, Logic Energy, Best Practice Site Assessment for Small Wind Systems Richard Cochrane, Chief Technology Officer, Quietrevolution, Grid connections of distributed generation - its easy Rachel Westwood, Geophysics Research Student, Keele University, Vibration monitoring and modelling of small wind turbines Jennifer Taylor, PhD Research Student, Noise Levels and Characteristics from Small and Micro Wind Turbines 	D14 The rough guide to wind and marine energy <ul style="list-style-type: none"> Francis Quail, University of Strathclyde: Introduction to Onshore Wind Dr Gareth Harrison, University of Edinburgh: Marine Energy - State of the Art Steve Clarke, UK Content Manager, Mainstream Renewable Power, Wind Energy – Stepping Offshore One Piece at a Time Q&A Adrian Fox, Supply Chain Manager, The Crown Estate and Fruzsina Kemenes, Skills and Education Policy Officer, RenewableUK, Launch of Offshore Wind Careers Guide Renewable Energy Careers Panel Discussion: involving all presenters 	E14 EmbraceMyPlanet: Free public workshop Chair: Adam Bell, National Campaigns Coordinator, RenewableUK <ul style="list-style-type: none"> Adam Bell, National Campaigns Coordinator, RenewableUK Herbert Eppel, Pro Wind Alliance, Local planning battles and myth-busting Lynn Davies, Aeolus Windpower - local activist, Wind of Change 	Careers Fair & Small Wind Exhibition (Closes at 16.00)	Exhibition closes at 15.30

Side events will include:

- A Small Wind Event including a dedicated exhibition area and free sessions for farmers, landowners and members of the public
- A Careers Fair for those looking for employment in the UK wind, wave or tidal energy sector
- Free Wind Wave & Tidal 101 Sessions for members of the public and those seeking a career in the sector
- Free EmbraceMyPlanet public workshops for members of the public interested in supporting renewable energy in their local area.

Please visit the [website](#) for up to date information about all side events.