

Actions to Accelerate Ireland's Energy Future

IWEA Annual Conference

22nd & 23rd March 2012
Four Seasons Hotel, Dublin

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IWEA Health & Safety Event

Thursday 14th June 2012

Hilton Hotel Dublin, Charlemont Place, Dublin 2

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IWEA Autumn Conference

Thursday 4th October 2012

INEC, Killarney Co. Kerry

Pre-Conference Dinner

Wednesday 3rd October 2012

The Brehon Hotel, Killarney, Co. Kerry

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IWEA Annual Conference 2013

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Actions to Accelerate Ireland's Energy Future

IWEA Annual Conference

Thursday 22nd March 2012

08:00am Registration & Coffee, Exhibition Viewing

Session 1 Policy: Actions to Accelerate Ireland's Energy Future Chair: Stephen Wheeler, IWEA Chairman

09:20	Stephen Wheeler , Managing Director, Airtricity & IWEA Chairman	"Welcome Address"
09:30	Minister Pat Rabbitte , T.D, Department for Communications, Energy & Natural Resources	"Keynote Address"
09:50	Kenneth Matthews , CEO, Irish Wind Energy Association	"Shaping Ireland's Energy Future"
10:10	Paddy Hayes , Head of Asset Development, ESB Energy International	"Investing in Ireland's Renewable Energy Potential"
10:30	Questions & Answers	
10:45	Tea, Coffee & Exhibition Viewing	

Session 2 Markets: Ireland in a European Energy Market Chair: Peter Harte, Chair of IWEA Markets Committee

11:15	Garrett Blaney , Commissioner, Commission for Energy Regulation	"Towards the EU Target Model, Challenges and Opportunities"
11:35	Sarah Merrick , Government Relations Manager UK & Ireland, Vestas	"Realising Ireland's Wind Potential – for Ireland, for Europe"
11:55	Dr. John Reilly , Head of Powergen, Bord Na Móna	"RES Beyond 2020"
12:35	Questions & Answers	
12:45	Lunch Sponsor: 	

Session 3 Offshore: Delivering Ireland's Export Potential Chair: Paddy Teahon, President, IWEA

14:15	Christian Kjaer , CEO, European Wind Energy Association	"The Coming of Europe's Offshore Wind Industry"
14:35	Andy Kinsella , Director & CEO Offshore, Mainstream Renewable Power	"Wind Mills of the Mind - Large Scale Offshore Wind, Ireland's Opportunity"
14:55	Brian Britton , General Secretary, NOW Ireland	"Offshore Wind-Ireland's Export Opportunity"
15:15	Jim Smith , Managing Director, SSE Renewables	"UK Delivering on the Offshore Potential - Key Lessons for Ireland"
15:35	Questions & Answers	
15:45	Tea, Coffee & Exhibition Viewing	

Session 4 Finance: Financing to 2020 Chair: Garrett Monaghan, Partner, Arthur Cox

16:20	Tom Murley , Head of Renewable Energy Team, HgCapital	"Attracting Institutional Investment to Irish Wind Projects - What Investors are Looking for"
16:40	Gervaise McAteer , Associate Director Corporate & Institutional Banking, Ulster Bank	"Accessing Debt Capital in a Constrained Market"
17:00	Barry O'Flynn , Director, Sustainability and Cleantech Services, Ernst & Young	"Financing Structures and Financing Strategy to deliver 2020 Targets"
17:20	Questions & Answers	
17:30	Exhibitors Reception - Sponsors: All Exhibitors	
20:00	Conference Dinner - After Dinner Speaker TBC Sponsor: ARTHUR COX	

Actions to Accelerate Ireland's Energy Future

IWEA Annual Conference

Friday 23rd March 2012

08:00am Registration & Coffee, Exhibition Viewing

Session 1 Grid: Grid Delivery & Managing Curtailment

Chair: Tim Keane, Manager Emerging Businesses, ESB Wind Development

- 09:30 **Fintan Slye**, Director Operations, EirGrid,
- 09:50 **Marguerite Sayers**, Head of Asset Management, ESB Networks
- 10:10 **Rory Mullan**, Senior Project Engineer, Irish Grid Solutions
- 10:30 Questions & Answers
- 10:50 Tea Coffee and Exhibition Viewing

- "Delivering the Grid to facilitate Ireland's Sustainable Energy Future"*
- "Smart Networks, Smart Processes and Smart Delivery Enabling Wind"*
- "Industries Input to Managing Curtailment"*

Session 2 Panel Session: Actions for a Renewable Energy Future

Moderator: Seán O'Rourke, Presenter, RTE

- 11:30 **Brendan McGrath**, CEO, Gaelectric
David Manning, Director of Corporate Affairs, SSE Ireland
Dr. Brian Motherway, COO, SEAI
Jerry O'Sullivan, Managing Director, ESB Networks
- 13:00 Questions & Answers
Conference Close

Exhibiting Companies



Minister Pat Rabbitte

Minister for Communications, Energy & Natural Resources



Pat Rabbitte, was appointed Minister for Communications, Energy & Natural Resources in March 2011. He previously served as Minister of State to the Government 1994 -1997 and as Minister of State at the Department of Enterprise, Trade and Employment with responsibility for Commerce, Science and Technology. Minister Rabbitte has served as a T.D. for the constituency of Dublin South West since he was elected to Dáil Éireann in 1989. He has served in a number of different portfolios in opposition and was Justice Spokesperson in the last Dáil. He was the Dáil's longest serving member of the Public Accounts Committee. He was Leader of the Labour Party from 2002 to 2007.

Stephen Wheeler

Managing Director, Airtricity & IWEA Chairman



Stephen Wheeler is Managing Director of Airtricity, a wholly-owned division of the FTSE 100-listed SSE (Scottish and Southern Energy plc) Group and Ireland's fastest-growing energy supply utility, and Chairman of the Irish Wind

Energy Association (IWEA). He was previously General Manager Ireland of SSE Renewables with responsibility for the company's development and construction activities in the Irish and marine markets. Stephen came to Airtricity with over 10 years international experience after working with ABB and Siemens, specialising in the development and construction of thermal power generation projects. He is a graduate of electrical engineering from University College Dublin with an MBA from the UCD Michael Smurfit Graduate Business School.

Kenneth Matthews

CEO, Irish Wind Energy Association



Kenneth joined IWEA as CEO in September 2011. He comes to IWEA with over 12 years experience in the energy industry in Ireland having worked with Intel, EirGrid and ESB. He has worked in power

system operation, protection and transmission access planning in EirGrid. Kenneth has also worked in ESB Power Generation holding numerous management roles including Production Manager Poolbeg Power Station and Station Manager Ardacrusha Power Station. He has been involved in delivering numerous projects across power generation from safety to power plant overhauls, most recently he has developed and led a stakeholder management and engagement programme for ESB's hydro portfolio. A BEng Hons graduate from University of Ulster, he holds a diploma in Industrial studies.

Paddy Hayes

Head of Asset Development, ESB Energy International



Paddy Hayes is Head of Asset Development for ESB Energy International. Prior to this, Paddy has had a number of senior management roles in ESB and ESB International including Energy Portfolio Manager,

Head of Independent Generation and General Manager of Synergen. Prior to joining ESB, Paddy worked in engineering and operations roles in the UK Steel Industry. He is a Chartered Engineer with a master's degree in engineering from University College Dublin and an MBA from Warwick Business School.

Peter Harte

Chair of IWEA Markets Committee



Peter has recently set up a wind development business, Element Power Ireland, together with some of the previous management team from SWS Energy. During his 8 previous years with SWS, the company grew from zero to having 200MW in operational wind farms, 200MW going into construction and a further 300MW in development. The business was sold to Bord Gais in 2009. Peter also sits on the IWEA Council and chairs the IWEA Markets Committee. He completed a B.Eng in Mechanical Engineering at the University of Limerick.

Garrett Blaney

Commissioner, CER



Garrett Blaney has been a member of the Commission since February 2010. Garrett's lead responsibilities with the Commission relate to the regulation of gas and electricity safety, gas networks/LNG and gas markets including the Common Arrangements for Gas (CAG) project, fuel disclosure and the Public Service Obligation (PSO) levy. In addition he has responsibility for gas and electricity security of supply issues and for "conventional" electricity generation. Prior to working with CER, Garrett was strategic development director for Viridian Power and Energy, and before that was the Asian Regional Director for ESB International. Garrett started his career as a control and protection engineer with the Central Electricity Generating Board in Great Britain, after graduating in Electrical and Electronic Engineering from Queen's University Belfast.

Sarah Merrick

Government Relations Manager UK & Ireland, Vestas



Sarah leads Vestas' government relations work in Ireland and the UK. Her role covers both onshore and offshore wind and encompasses all regulatory issues including The SEM, NREAP and UK Electricity Market Reform. She ensures Government understands Vestas' views on policy and market matters, as well as the barriers facing the sector more generally. She also represents Vestas on IWEA's Markets Committee, ensuring Vestas remains abreast of policy developments and customers' reactions to them. Sarah has over 11 years' experience in the sector. Prior to joining Vestas Sarah worked for RES as part of its Group Strategy department and prior to that was Head of Renewable Energy at the Association of Electricity Producers in the UK.

Dr. John Reilly

Head of PowerGen, Bord na Mona



John is a member of Bord na Mona's Senior Executive team with specific responsibility for the PowerGen Business Unit. He manages the performance of the existing generation assets within the Group, which

includes both thermal and renewable technologies. He is also responsible for the strategic development of the pipeline of projects in the generation portfolio. John has almost 15 years experience in the energy sector and was previously part of the Senior Management team at Edenderry Power. There he had responsibility for Business Development & EHS Management, prior to its acquisition by Bord na Mona Energy from the major German utility player EON. John is currently a member of Eurelectric's Environment & Sustainable Development Policy committee, as well as the Task Force EU Budget 2014-20 and IBEC's Energy Policy Executive, where he chairs the Climate Change Working Group. He is also on the Board of the National Electricity Association of Ireland.

Paddy Teahon

President, Irish Wind Energy Association



President Irish Wind Energy Association and associated non executive director of association companies. Formerly Secretary General Department of An Taoiseach. Non Executive Director of Codling Wind Park Limited.

Christian Kjaer

CEO, European Wind Energy Association



Christian Kjaer was appointed Chief Executive Officer of EWEA in March 2006. He had previously held the post of Policy Director for EWEA and had worked on a wide range of policy issues for the association during an

assignment in 2002. Christian steers the work of the organisation. He drafts EWEA's direction, vision and long-term strategy in collaboration with the President and the Supervisory Board. He is responsible for their implementation and for reporting EWEA's strategic output to the Board. His responsibilities also include ensuring that EWEA's political impact and reputation as a trustworthy partner in the policy-making process is sustained. He represents the association in external forums, engages actively with the international institutions, the key stakeholders and NGOs, the members of EWEA and the media.

Andy Kinsella

Director & CEO Offshore, Mainstream Renewable Power



Andy has overall responsibility for Mainstream's offshore wind development portfolio totalling over 7.6GW and he oversees Mainstream's strategy in new offshore markets globally. Andy has over 25 years

experience in the global electricity sector in senior management positions with ESB, ESBI, Siemens and GE. Before joining Mainstream, he was a member of ESB Power Generation's Senior Management Team from which he resigned as Head of Strategy and Sustainability. Prior to this, Andy was an Executive Director of ESB International where he had operational responsibility for ESBI's global Engineering & Facility Management businesses. Andy has also been a member of the Management Board of Siemens Ireland where he had operational responsibility for Siemens Power Generation, Transmission & Distribution, Transportation and Industry businesses in Ireland. He also spent five years with GE, based in Schenectady, New York, as a Project Director delivering large scale capital projects internationally in North America, the Middle East and Asia.

Brian Britton

General Secretary, NOW Ireland



As Managing Director of Oriel Windfarm Limited, Brian Britton has been to the forefront in developing the offshore wind energy sector in Ireland. Completion of the Oriel Windfarm will see 330MW of

renewable energy delivered into the Irish Grid. Brian has managed this 990 million project from inception, including raising investment capital and the regulatory approval process. He is a founder and secretary of the National Offshore Wind Energy Association of Ireland [NOW Ireland]. Previously Brian was Managing Director of Britton Consultants Limited, the Dundalk based private equity consultancy. Brian is a fellow of the Institute of Chartered Accountants and a former Finance Director of Goodman International Limited.

Garrett Monaghan

Partner, Arthur Cox



Garrett is a partner in the Arthur Cox Projects & Energy Group and is one of the most prolific renewables & project finance lawyers in Ireland. In recent years, Arthur Cox has consistently led, both by value and volume of

transactions, the published project finance league tables. Garrett has advised on the acquisition, development and financing of multiple renewable (high efficiency CHP, onshore and offshore wind, solar and hydro) and conventional energy generation projects. Garrett advises funders, developers and investors across a wide range of sectors including renewable energy, finance, emissions trading and infrastructure. Prior to joining Arthur Cox, Garrett worked with leading London and New York law firms and also worked in-house with the power company American Electric Power, Inc. Garrett is recognised as a leading projects and energy lawyer in a number of publications including IFLR 1000 and Chambers Europe. Garrett is a member of the Green IFSC Steering Group and International Project Finance Association (Irish council). Garrett lectures on project finance at Dublin City University.

Tom Murley

Head of Renewable Energy Team, HgCapital



Tom leads the RPP team and supports the team with his deep industry and legal expertise as well as deal experience. He is responsible for the investment strategy and sits on the Investment Committee. He chairs the

British Venture Capital and Private Equity Association's committee on Sustainable Energy, Environment and Technologies and sits on Economics and Markets Committees of the British and Swedish Wind Energy Associations. Tom joined HgCapital in 2004 as head of the renewable energy team. He has more than 18 years' experience in providing equity finance to the US and European power sectors. Tom was formerly co-head of Allianz Private Equity's renewable energy team. And prior to that he worked at EIF Group, the first private equity fund manager for the power generation industry. He was also general counsel of a renewable energy company and worked as a lawyer in Boston and New York for 8 years, focusing on M&A and finance. Tom has degrees from Northwestern University and Fordham University School of Law

Gervaise McAteer

Associate Director Corporate & Institutional Banking – Ulster Bank



Gervaise McAteer is Associate Director Corporate & Institutional Banking ("CIB") of Ulster Bank. Gervaise has been with Ulster Bank since 2004 and currently has responsibility for leading a number of Sector Teams including the banks Renewable Energy team. Over the

last seven years this team has supported both existing and new customers through the financing of various renewable projects across the Island of Ireland. Gervaise previously led the Structured Finance Team within CIB with responsibility for Project Finance and Leveraged Finance. Prior to joining Ulster Bank Gervaise worked in the corporate banking division of KBC Bank. Gervaise is a Fellow of the Institute of Chartered Accountants in Ireland.

Barry O'Flynn

Director of Sustainability & Cleantech Services, Ernst & Young



Barry is a Director in the Ernst & Young Cleantech team. He has worked in the private sector in the renewable energy field for the past nine years for two highly successful project

developers. Barry has been previously responsible for fundraising, strategic planning, market entry and joint ventures, tasked with funding and leading international expansion into Europe, Asia and Africa. Barry has a B. Eng (Electronic) from University College Dublin, an M.Sc. (Bioengineering) from the University of Strathclyde and an MBA from the Smurfit School of Business. He has also been awarded a Fellowship from the Association of Chartered Certified Accountants (FCCA).

Tim Keane

Manager Emerging Business, ESB Wind Development
Tim Keane manages ESB Energy International's Emerging Business which includes Carbon Solutions, Ocean Energy and Gas storage. The Emerging Business division is responsible for driving innovation in the company. Prior to taking on this role Tim was Commercial Manager in ESB's Wind Development business, a role which included achieving financial close for numerous projects as well as business acquisition activities. In his early career he managed power stations and subsequently went on to manage regulatory and market policy issues for ESB as well as Head of Energy Trading, Regulation and Retail Pricing for ESB's retail business.

Fintan Slye

Director of Operations, EirGrid



Fintan has responsibility for the operation of the power system in Ireland and Northern Ireland, with Control Centre's and teams in Belfast and Dublin, ensuring security and continuity of electricity supply in real-time across the island. Fintan also has responsibility for managing EirGrid and SONI's programme of work to facilitate the integration of world-leading levels of renewables on the power system. Prior to working for EirGrid, Fintan worked for McKinsey & Co in their Dublin office, supporting companies across Ireland, UK and Europe. Fintan completed a Masters in Business Administration from UCD in 2001 and a Masters in Engineering Science in 1993.

Marguerite Sayers

Head of Asset Management, ESB Networks



Marguerite Sayers graduated with a degree in Electrical Engineering from UCC in 1991 and subsequently joined ESB. In her time with ESB, she has worked in the areas of Network Construction and Design, MV and 38kV

Network Planning, Network Operations and HR. Until 2011, she held the position of Customer Service Manager for Dublin South, before being appointed to her current position as Head of Asset Management for ESB Networks. In this role she has responsibility for ESB Networks Asset Management Policies, Demand & Renewables Planning, Procurement, Commercial Policy and Regulation. She is also NEAI's representative on the Eirelectric Networks Committee and sits on the Council of Engineers Ireland.

Rory Mullan

Senior Project Engineer, Irish Grid Solutions



Rory Mullan is a senior consultant and director of Irish Grid Solutions. A qualified Electrical Engineer, Rory has worked in the Irish Electricity Industry for over 10 years in various commercial and technical roles in utility and consultancy sectors. Rory is also a member of the IWEA council and chair of IWEA Grid Committee.

Sean O'Rourke

Presenter, RTE



Sean O'Rourke is the presenter of the News at One on RTE Radio One and The Week in Politics on RTE One television. He has worked in print and broadcast journalism for almost four decades, beginning as a junior reporter

with the Connacht Tribune in 1973. He was political correspondent of The Irish Press for five years in the 1980s and has been an occasional contributor to The New York Times and the International Herald Tribune. After graduating in Arts from NUI Galway he joined The Sunday Press as a sports journalist in 1977, becoming a feature writer and then political reporter. Sean was Radio Journalist of the Year in 1997 and won a PPI Award for Best News Broadcaster in 2008, 2009 and 2010. He was awarded an honorary doctorate of Laws by NUI Galway in 2011.

Brendan McGrath

CEO, Gaelectric



Brendan is a founding shareholder of Gaelectric Holdings PLC and Chief Executive Officer of the group. He has a background in company management, strategic planning and company start-ups across multiple industries. Brendan

has experience in manufacturing, supply management, logistics, marketing and sales. He is a council member of the Irish Wind Energy Association and has held executive positions in a number of local and international companies including: Marketing Director of Nokia Ltd., CEO of Tara MSL and Chairman of J.R. Bailey Distribution Ltd.

David Manning

Director of Corporate Affairs, SSE Ireland



David Manning is Director of Corporate Affairs for SSE Ireland and is responsible for SSE's corporate communications, public affairs, community, and research and development programmes in Ireland.

Previously Head of Public Affairs for SSE Ireland, David joined the company in July 2008 from the Irish Business Employers Confederation where he was Head of Energy Policy. He has worked in the areas of energy and environment policy for over a decade.

Dr Brian Motherway

COO, SEAI



Dr Brian Motherway is Chief Operations Officer and Head of Strategy and Innovation in the Sustainable Energy Authority of Ireland. He is responsible for SEAI's work on strategy, policy and analysis. Prior to joining SEAI in

2006 he was a consultant on energy and environmental policy. Brian holds Bachelors and Masters degrees in Engineering and a PhD in Sociology.

Jerry O'Sullivan

Managing Director, ESB Networks



Jerry O'Sullivan was appointed Managing Director, ESB Networks in 2010. He joined ESB in 1981 and held a number of positions in Power Station Construction, Distribution and Transmission, Retail, Contracting,

Marketing, and Customer Service. He was appointed Head of Network Services in 2002 and Head of Sustainability and Network systems in 2008.