

The Speakers

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.

Stephen Woodhouse, Director, Pöyry
Stephen Woodhouse is a Director with Pöyry Management Consulting, and oversees their work in Ireland. He specialises in evolving energy markets, working with policy makers and regulators, and helping commercial companies to profit from changing circumstances. On behalf of Pöyry, he led the project to draft the SEM Trading and Settlement Code, more recently helping to define the 2020 Demand Side Vision and how the market can be made compatible with the European day-ahead market coupling requirements. He has managed a series of multi-client studies on the implications of high levels of wind generation on the Irish, GB and North European electricity systems.

Professor Uwe Leprich, Institute for Future Energy Systems (IZES)
Prof. Dr. Uwe Leprich is a professor at the business school at the University of Applied Sciences in Saarbrücken, Germany since 1995, and at the same time scientific head of the Institute for Future Energy Systems (IZES). His fields of specialisation embrace economic and ecological regulations of utilities in monopoly and liberalised energy markets as well as environmental instruments for electricity markets. He is author and co-author of several books and articles about incentive regulation in electricity markets, feed-in law regulations and instruments for promoting renewable energies in the heat market. Since December 2012 he is the speaker of the German Renewable Energy Research Association (FVEE).

Ken Spratt, Assistant Secretary General - Energy, DCENR
Ken Spratt is the Assistant Secretary General leading the Energy function at the Department of Communications, Energy and Natural Resources. He is Ireland's Director General for Energy matters at EU and international fora, including being a member of the Governing Board of the International Energy Agency. Since 1986 he has served in five government departments, including Social Protection, Environment & Local Government, Finance, and as a Diplomat at the Irish Embassy in Washington DC. He is an MSc in Innovation Management (UJ & LYIT), a graduate of the DIT (Personnel Management), and the IPA (Economics). He holds other third level and professional qualifications and is also a graduate of the Chartered Institute of Personnel and Development. He assumed his Assistant Secretary General - Energy role in September 2012. Immediately prior to his appointment he led the Communications Policy function in the Department. Amongst other projects, he is responsible for the Department's energy dossiers during the Irish Presidency of the Council of the EU.

Clodagh O'Donovan, Director & Head of Environment and Energy, Fehily Timoney & Company Ltd
Clodagh O'Donovan is a Director with Fehily Timoney & Company Ltd (FTC) and is also Head of the Environment and Energy Division, with direct responsibility for all energy projects within the company. FTC is one of Ireland's leading wind energy consultants, having been involved in the industry since the late 1990's and with a portfolio of over 100 projects to date, through all stages of development. Clodagh holds an honours degree in Civil Engineering as well as a masters degree in Engineering Science. She is a Chartered Engineer, a Registered Consulting Engineer (RConsEI) and a member of the Chartered Institution of Water and Environmental Management (CIWEM).

Kevin O'Rourke, Head of Low Carbon Technologies Team, SEAI
Kevin O'Rourke is Head of SEAI's Low Carbon Technologies team, providing research, analysis and advice to policy, institutional and market players to support delivery of Ireland's sustainable energy targets for 2020 and beyond, and the national focal point for energy statistics, policy modelling and research. Previously he headed SEAI's teams assisting sustainable energy implementation in the business, public and built environment sectors and most of his career has been in the fields of energy efficiency, renewable energy and environmental protection. He previously worked in government technology and development agencies, industry, academic research and the European Commission, and is a former chairman of the Energy - Environment Division and member of the Executive of Engineers Ireland.

Brendan Slattery, Partner, Arthur Cox
Brendan Slattery is a Partner in the Environment, Planning & Climate Change group at Arthur Cox. He specialises in the delivery of local and national infrastructure. Brendan has advised on almost every major energy infrastructure project in Ireland within the past ten years, including every major waste-fuelled power project, almost every major independent gas fired power project, upstream gas infrastructure and multiple offshore and onshore windfarms. He has extensive experience advising regulatory authorities, developers and funders on the risks for wind projects arising under environmental and planning law.

Caitriona Diviney, COO, Irish Wind Energy Association
Caitriona was appointed Chief Operating Officer of Irish Wind Energy Association in 2008. Her main activities involve the co-ordination of IWEA policy development and representation. This involves addressing all key EU and national policy issues in areas such as markets, grid connections, planning and environment for both onshore and offshore wind energy. Caitriona previously attained extensive managerial experience in regulated sectors having spent over six years with the Irish Stock Exchange and the Irish Medicines Board. Prior to 2002, Caitriona held a senior management role the US consultancy firm, Cambridge Technology Partners which entailed managing and implementing complex strategic projects for a companies in the US, Australia, Europe and Ireland. Caitriona's academic qualifications include a B.E. from NUIG and an MBA from Smurfit School of Business, UCD.

David Arnold, Director, Operational Support Services, SgurrEnergy
David has 28 years' experience in the energy sector; more than half in renewable energy. As a Project Director with ScottishPower Renewables (SPR), David was responsible for the development, consenting, construction and operational performance of their wind projects. As Offshore Project Director David managed the development of their existing offshore portfolio and the early management and strategic development of their successful bid for the East Anglia offshore wind farm. More recently, with Weir Power and Industrial, David directed the development and delivery of a strategy that introduced Weir into the wind energy service sector. In less than 2 years Weir now have 10 sites and acquired an established wind turbine service provider based in Spain that supports turbine manufacturers globally. After leading the technical due diligence of the acquisition, David joined the Spanish company as its COO during '11/'12. Most recently, as Director of Operational Support Services, David has been supporting SgurrEnergy in the development of their operational management business.

Kelly Dallas, O&M Manager, Bord Gáis Energy
Kelly worked for 12 years for Eskom at Koeberg Nuclear Power Station (1800MW) in the Operations Department, working in various roles but for a major portion of this a Reactor and later Senior Reactor Operator. After this Kelly worked for Viridian Power for 5 years at Huntstown Power station and later as the Operations Manager over the Renewables department. Presently Kelly is working as the O&M Manager for Bord Gáis Energy managing a portfolio of wind farms across Ireland.

Joe Dalton, Asset Operations Manager, Mainstream Renewable Power
Joe Dalton is Senior Technology Officer for Mainstream Renewable Power. He has led the development of Asset Strategies for Mainstream worldwide, including offshore and on-shore wind farms and large scale Solar PV projects. Previously, Joe worked in conventional power generation at many levels, moving from his position as Asset performance Manager, ESB Power Generation, to focus on renewable development with Mainstream. Joe has conducted technical evaluations of a variety of Wind Turbines for onshore and offshore use.

Damien O'Mullan, Procurement Manager, Gael Force Renewables Ltd
Damien is Procurement Manager at Gael Force Renewables where he is responsible for business growth and development across Ireland and the United Kingdom. Gael Force Renewables Ltd. provides full Civil Engineering Balance of Plant services to the renewable energy industry with a company focus on onshore wind and tidal energy development. He has an Honours degree in Civil Engineering from Queens University, Belfast.

Paul Whelan, Safety & Environment Manager, SSE Renewables
Paul Whelan plays a compelling safety leadership role in the renewables sector, as Chairman of our Safety Strategy Group, he has helped develop a stronger industry focus; forging safety alliances amongst our members, and closer working relationships with regulators and stakeholders in pursuance of better practices and safer people. As Safety & Environment Manager, he has helped bring SSE Renewables and its construction partners beyond the journey of compliance to standards of safety excellence. Paul has achieved high standing in the safety community, receiving the prestigious accolade of IOSH Safety Practitioner of the Year Silver Award. Prior to joining SSE, he worked in environmental enforcement in local government, and as EHS Manager in the heavy engineering sector. He has also served on the board of Ireland's leading youth environmental education organisation, ECO-UNESCO.



Exhibiting Companies



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"Irish Wind Power - Our Competitive Advantage"

IWEA Annual Conference,
27th & 28th March 2013,
Four Seasons Hotel, Dublin

Main Sponsors:
SIEMENS

Supporting Sponsors:



Save The Date

IWEA Annual Health & Safety Event 2013

Thursday 6th June

Hilton Dublin Airport Hotel, Malahide Road, Co. Dublin

Main Sponsor: **SIEMENS**

Registration available soon at www.iwea.com

Exhibition and Sponsorship Opportunities Now Available



IWEA Autumn Conference

Thursday 3rd October 2013

Galway Bay Hotel, The Promenade, Salthill, Co. Galway

Registration available soon at www.iwea.com

Exhibition & Sponsorship Opportunities Now Available

"Irish Wind Power - Our Competitive Advantage" IWEA Annual Conference

Wednesday 27th March 2013

8:00am Registration, Tea, Coffee & Exhibition Viewing

Session 1 Irish Wind Energy "A Proud History-A Confident Future" / Chair: Stephen Wheeler, IWEA Chairman

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| 09:20 | Stephen Wheeler, Managing Director, Airtricity and 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 | "A Proud History - A Confident Future" |
| 10:10 | Kim Wichmann-Hansen, CEO, Siemens Wind Power EMEA North | |
| 10:30 | Questions & Answers | |
| 10:45 | Tea, Coffee & Exhibition Viewing | |

Session 2 "Delivering Potential" / Chair: Gary O'Callaghan, Head of Energy Sector, Siemens Ltd. Ireland

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| 11:15 | Andrew Garrad, Chairman, GL Garrad Hassan / President EWEA | "Irish Renewables - Developing the Untapped Potential" |
| 11:35 | Gabriel D'Arcy, CEO, Bord Na Mona | "Investing in Irelands Renewable Energy Vision" |
| 11:55 | Jerry O'Sullivan, Managing Director, ESB Networks | "Delivering a Low Carbon Network for Ireland" |
| 12:35 | Questions & Answers | |
| 12:45 | Lunch | |

Session 3 MARKETS: "Financial and Market Insights for an Evolving Energy Market" / Chair: Garrett Monaghan, Partner, Arthur Cox

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| 14:20 | Angus McCrone, Chief Editor, Bloomberg New Energy Finance | "Securing Capital for Project Delivery - Global Trends - Domestic Rebounds" |
| 14:40 | Ann Scully, Director, European Affairs, EirGrid | "Towards a Closer Europe -The EU Target Model and Interconnection" |
| 15:00 | Peter Kavanagh, Director, Wind Prospect | "Delivering Projects in Today's Market" |
| 15:20 | Questions & Answers | |
| 15:40 | Tea, Coffee & Exhibition Viewing | |

Session 4 "Wind Energy up to 2030 - Challenges and Opportunities" / Chair: Brendan McGrath, CEO, Gaellectric

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| 16:00 | Stephen Woodhouse, Director, Poyry | "Charting a Renewables Route to a 2030 Energy System" |
| 16:15 | Hans Ten Berge, Secretary General, Eurelectric | |
| 16:30 | Professor Uwe Leprich, Institute for Future Energy Systems (IZES) | "Delivering the Energy Transformation - A German Perspective" |
| 16:40 | Ken Spratt, Assistant Secretary General - Energy, DCENR | "Irish Wind Energy - Moving Towards the Energy Sector of 2030" |
| 17:00 | Questions & Answers | Sponsors: All Exhibitors |
| 17:20 | Exhibitors Reception | Sponsor: ARTHUR COX |
| 20:00 | Conference Dinner - After Dinner Speaker: Pat Falvey, Adventurer, Motivational Speaker. | |

Thursday 28th March 2013

8:00am Registration, Tea, Coffee & Exhibition Viewing

Session 1 "Planning for Success" / Chair: Clodagh O'Donovan, Director & Head of Environment and Energy, Fehily Timoney & Company Ltd

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| 09:30 | Kevin O'Rourke, Head of Low Carbon Technologies Team, SEAI | "Delivering Local Renewable Energy Strategies" |
| 09:50 | Brendan Slattery, Partner, Arthur Cox | "Planning Risk: Ten Things You Need to Know" |
| 10:10 | Caitriona Diviney, COO, Irish Wind Energy Association | "IWEA Approaches to Mobilising Social Acceptance" |
| 10:30 | Questions & Answers | |
| 10:50 | Tea, Coffee & Exhibition Viewing | |

Session 2 "Best Practice Risk Management and the Bottom Line" / Chair: David Arnold, Director, Operational Support Services, SgurrEnergy

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| 11:30 | Kelly Dallas, O&M Manager, Bord Gáis Energy | "Wind Turbine O&M Financing - Key Considerations" |
| 11:45 | Joe Dalton, Asset Operations Manager, Mainstream Renewable Power | "Optimising O&M for the Bottom Line" |
| 12:00 | Damien O'Mullan, Procurement Manager, Gael Force Renewables Ltd | "Windfarm Construction Risk Management" |
| 12:15 | Paul Whelan, Safety & Environment Manager, SSE Renewables | "Safety Culture - Putting Safety Centre Stage" |
| 12:30 | Questions & Answers | |
| 12:45 | Conference Close | |

The Speakers



Minister Pat Rabbitte, T.D, Department 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 and 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 has over 14 years experience in the energy industry in Ireland having working with Intel, EirGrid and ESB. He 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 Ardnacrusha Power Station. He has been involved in delivering numerous projects across power generation from safety to power plant overhauls, he also 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.



Kim Wichmann-Hansen, CEO, Siemens Wind Power EMEA North

Kim Wichmann-Hansen, 44 years old, since joining Siemens in 2009 has been an integral part of the growth of Siemens Wind Power in Europe. He is CEO of Onshore Wind Power in Northern Europe being a part of the EMEA onshore business segment. Kim has over 20 years experience in on and offshore heavy construction industries of which 12 years are in the wind industry. Kim has successfully lead multi-national businesses across the world in Thailand, Scotland and Germany.



Gary O'Callaghan, Head of Energy Sector, Siemens Ltd. Ireland

Gary is head of Energy Sector in Siemens Ltd - since 2008. He started working in ESB as an Apprentice Electrician in 1977. Having secured City & Guilds Qualification was successful in an application to become a Computer Service Engineer in Nixdorf Computer in 1981. He moved to an ICT Sales Role in Siemens in 1992 and Sales Management in 1996. In October 1998 took over the role as Enterprise Communications Business Manager. In 2005 he moved to Power Transmission & Distribution as Divisional Manager. In July 2008 he was appointed as CEO of the new Energy Sector in Siemens Ltd.



Andrew Garrad, Chairman, GL Garrad Hassan / President EWEA

Andrew Garrad is the Chairman of GL Garrad Hassan, the world's largest renewable energy consultancy. He was, until July 2009, the Managing Director of the Garrad Hassan Group which he founded in 1984. Dr Garrad has been involved in wind energy for more than 30 years. He is a board member of the European Wind Energy Association; he is a past Chairman of the British Wind Energy Association. He is a Chartered Engineer and a Fellow of the Institution of Mechanical Engineers, the Energy Institute, the Royal Academy of Engineering and the Royal Aeronautical Society. In 2006 he received the European Wind Energy Association's Paul la Cour prize for outstanding achievement in the wind energy field. He was awarded the honorary degree of Doctor of Engineering by the University of Bristol in July 2009.



Gabriel D'Arcy, CEO, Bord Na Mona

Gabriel D'Arcy was appointed as Chief Executive Officer in February 2008. Prior to joining Bord na Mona, he held a number of management positions in the Kerry Group, most recently Commercial Director Kerry Ingredients Europe. He previously served as a Captain in the Defence Forces. He holds a B.Sc. (Hons) from University College Galway, an M.Sc. from University College Dublin, M.B.A. from Kingston University Business School and an Advanced Diploma in Management Practice from University of Ulster. He is a member of the Institute of Directors.



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, Energy marketing, Demand Side Management, Contracting management, Customer Service and Implementation of major IT networks and market systems. He was appointed Head of Network Services in 2002 and Head of Sustainability and Network Systems in 2008. ESB Networks owns, builds and maintains the Transmission and Distribution electricity infrastructure in Ireland. They also own and manage a national telecommunications infrastructure which provides services to ESB and external stakeholders. ESB Networks has invested over € 7 billion in the Transmission and Distribution system in Ireland over the past 10 years and in 2011 ESB Networks was independently ranked as the third most advanced smart networks utility in the world, reflecting its integration of Renewables, Smart Networks, Smart Metering, Electric Vehicles and the associated ICT systems.



Garrett Monaghan, Partner, Arthur Cox

Garrett is a Partner in the Arthur Cox Projects and Energy Group. Garrett advises on all aspects of the development, acquisition, disposal and funding of energy and infrastructure assets. Garrett has extensive experience in the international and domestic project finance and energy sectors including extensive work in the United Kingdom, Central Europe and Africa and as in house counsel for the European arm of the U.S. utility, American Electric Power. Garrett is a member of the policy committee of the Irish Wind Energy Association and lectures on project finance at Dublin City University.



Angus McCrone, Chief Editor, Bloomberg New Energy Finance

Angus McCrone is chief editor of Bloomberg New Energy Finance. He has overall editing responsibility for the company's newsletters and analysis on international clean energy, carbon, water and power. He works closely with BNEF's 120-strong team of analysts and researchers, and takes a particularly close interest in topics such as project finance, renewable energy jobs, marine energy and hydro-electric. Before joining New Energy Finance at the start of 2007, Angus was a financial journalist for UK national newspapers for 18 years. He also worked as a senior economist for Centre for Economics and Business Research, a leading London based think tank, and as director of a start-up FSA authorised financial services firm.



Ann Scully, Director, European Affairs, EirGrid

Ann Scully is EirGrid's Director responsible for European Affairs. Prior to this role, she was Director of Information Services, and before that was Director of the All-Island Project. Together with her counterpart in SONI, she was responsible for the programme to achieve the establishment of the all-Island Single Electricity Market (SEM) by the agreed 'go live' deadline of 01 November 2007. Prior to taking on this project, she held a number of managerial and project roles in ESB National Grid and ESB, including establishing the wholesale electricity market in Ireland in 2000 and CEO of ESI Alberta Ltd, the Transmission Administrator in Alberta, Canada. A graduate of Trinity College, she holds a degree in Electrical Engineering.



Peter Kavanagh, Director, Wind Prospect

Peter is director of Wind Prospect Ireland and specialises in the pre-construction and grid connection of wind energy projects. Wind Prospect are Ireland's leading wind energy consultants having constructed over 20% of the national installed capacity. Peter's academic qualifications include a degree in electrical engineering (UCD) with post-graduate diplomas in project management (TCD), construction law (TCD) and financial management (ACCA). Peter has over 10 years experience in the Irish electricity sector, is a chartered electrical engineer and a member of IWEA council.