

IWEA  **10**
Irish Wind Energy Association

Four Seasons Hotel
25th – 26th March 2010

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Four Seasons Hotel, 25th – 26th March 2010



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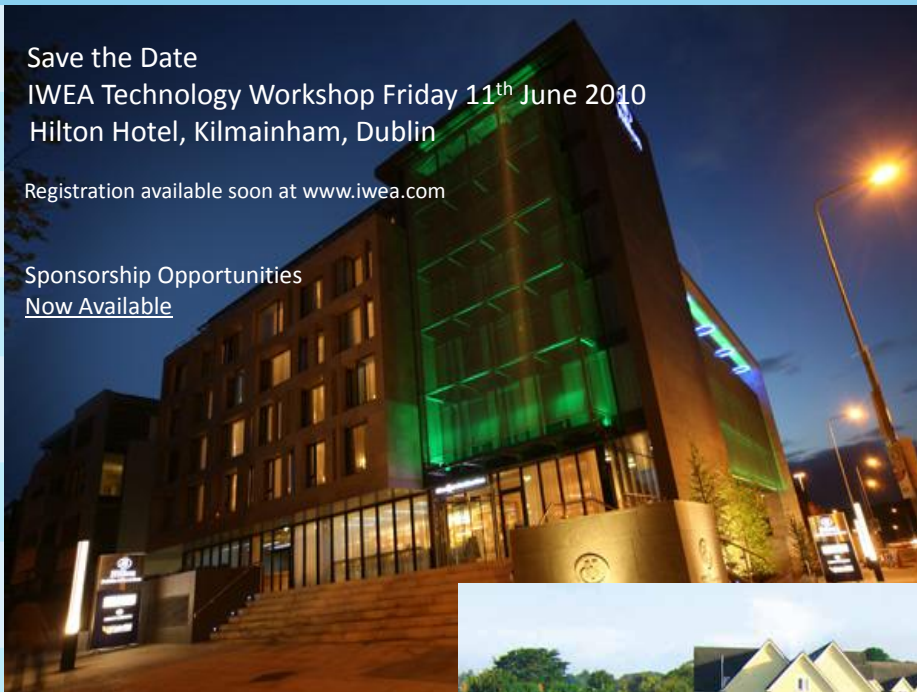
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Save the Date
IWEA Technology Workshop Friday 11th June 2010
Hilton Hotel, Kilmainham, Dublin

Registration available soon at www.iwea.com

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Save the Date
IWEA Autumn Conference Thursday 30th September 2010
Galway Bay Hotel

Registration available soon at www.iwea.com

Exhibition & Sponsorship Opportunities
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Thursday 25th March

Time	Session	
08:00	Registration, Coffee & Exhibition Viewing	Sponsor: Bank of Ireland
	Session 1 A Policy Framework for Growth	Chair: Stephen Wheeler, General Manager Ireland, SSE Renewables, Chairman IWEA
09:20	Welcome Address: Stephen Wheeler, General Manager Ireland, SSE Renewables, Chairman IWEA	
09:30	Minister Eamon Ryan, T.D. Minister for Communications, Energy and Natural Resources	A Policy Framework for Growth
09:50	Michael Walsh, CEO, Irish Wind Energy Association	2010 - Decision Time
10:10	Gregor Alexander, Finance Director, SSE Group	An International Investor's View of Irish Renewables
10:30	Questions & Answers	
10:50	Tea, Coffee & Exhibition Viewing	Sponsor: RES UK & Ireland Ltd
	Session 2 Achieving Ireland's 2020 Renewable Energy Targets	Chair: Brendan Halligan, Chairman, Sustainable Energy Ireland
11:15	Michael Tutty, Chairman, Commission for Energy Regulation	Regulatory Framework for Development of Generation and Networks
11:35	Dave Kirwan, Investments Managing Director, BGE	The Outlook for Investments in Renewable Energy
11:55	Dermot Byrne, Chief Executive, EirGrid	Enabling the Development of Ireland's Green Economy
12:15	Questions & Answers	
12:30	Lunch	Sponsor: Nordex Energy Ireland Ltd
	Session 3 Enabling High Renewable Penetration	Chair: Mark Foley, Managing Director, Coillte Enterprises
14:00	Denis O'Leary, Head of Asset Management, ESB Networks	Developing Infrastructure for the 21st Century
14:20	Alberto Ceña, Technical Director, Spanish Wind Energy Association	Promoting the Development of the Spanish Renewable Industry
14:40	Dick Lewis, Manager, Grid Operation Planning, SONI	Integration of Large Scale Renewables
15:00	John Brereton, General Manager, Wind Prospect Ireland	Project Delivery in a Large Scale Renewable Sector
15:20	Questions & Answers	
15:40	Tea, Coffee & Exhibition Viewing	Sponsor: Saorgus Energy
	Session 4 Developing Export Industries for Ireland	Chair: Deputy Sean Barrett, Chairman Joint Oireachtas Committee on Climate Change and Energy Security
16:10	Tom Kroejgaard Pedersen, Head of Sales, EMEA North, Siemens	Wind Energy Developments in Europe - A Siemens Perspective
16:30	John FitzGerald, Research Professor, ESRI	The Economics of Wind Generation and Trade
16:50	Paddy Teahon, Chairman, IWEA Offshore Committee	Pathway to a Renewable Export Industry
17:10	Questions & Answers	
17:30	Exhibitors Reception	Sponsored by all Exhibitors
20:00	Conference Dinner	Sponsor: Arthur Cox

Friday 26th March

Time Session

08:00 Registration, Coffee & Exhibition Viewing

Session 1 Day 2 Community Participation in Renewable Energy

Chair: Deputy M. J. Nolan, Chairman, Joint Oireachtas Committee on Communications, Energy and Natural Resources

09:30 Tommy Cooke, Chairman, Meitheal Na Gaoithe

The Outlook for Small Developers

09:50 Larry Staudt, Director, Centre for Renewable Energy DKIT

Progressive Policies for Microgeneration

10:10 Katrina Polaski, Head of Renewable Energy, SEI

Social Acceptance of Wind Energy Projects

10:30 PJ Rudden, Group Energy Director, RPS Group

Winning More Renewables - Meeting National Energy Policy and Dealing with Local Concerns

10:50 **Questions & Answers**

11:00 Tea, Coffee & Exhibition Viewing

Session 2 Day 2 Strategy for Success

Panel Discussion Moderated by Noel Thompson BBC Northern Ireland

11.15 Martin Finucane, Head of Sustainable and Renewable Energy Division, DCENR

Tim Cowhig, Past Chairman, IWEA

Shane Lynch, Director of Electricity, NIAUR

Fintan Slye, Director of Operations, EirGrid

Caitríona Diviney, Chief Operating Officer, IWEA

Questions & Answers

13:00 **Conference Close**



Speaker Profiles



Stephen Wheeler
General Manager Ireland, SSE Renewables, Chairman IWEA
 Stephen Wheeler is SSE Renewables' General Manager for Ireland and is Chairman of the Irish Wind Energy Association (IWEA). Stephen is responsible for SSE Renewables development and construction activities in the Irish market including wind, marine and thermal generation. He joined SSE Renewables, then Airtricity, in 2004 and became a company director in 2008. Stephen is a graduate of electrical engineering from UCD. He joined SSE Renewables with over 10 years international experience after working with ABB and Siemens where he specialised in the development and construction of thermal power generation projects.



Gregor Alexander,
Finance Director, SSE Group
 Gregor was appointed Finance Director and joined the Board of SSE (Scottish and Southern Energy plc) Group in 2002, having previously been Group Treasurer and Tax Manager. He is a Chartered Accountant and has worked in the energy industry since 1990, when he joined Scottish Hydro-Electric. Gregor is a Director of Scotia Gas Networks Limited and is a former Chairman of the Scottish Finance Directors' Group.



Dave Kirwan
Investments Managing Director Bord Gáis
 Dave Kirwan is Investments Managing Director at Bord Gáis. Dave is responsible for developing future strategic investment opportunities for the organisation, including the development of Bord Gáis's power generation assets. Dave joined Bord Gáis in 1999 having worked for both ESB and ESB in the power generation sector in Ireland and abroad. Since then he has worked in the business planning and gas transportation areas for Bord Gáis and was previously General Manager of firmus energy, the Bord Gáis Northern Ireland subsidiary. An electronic engineering graduate from UCD, Dave also holds an MBA from UCC.



Denis O'Leary
Head of Asset Management, ESB Networks
 Denis O'Leary graduated with a degree in Electrical Engineering from UCC in 1980, and joined the Electricity Supply Board (ESB). In his time with ESB, Denis has served in a number of positions mostly in Distribution and Transmission Networks planning and construction. Following a number of Regional assignments Denis was appointed Networks Operations Manager for ESB Networks in 1997 at a time when the company was moving to centralise its Networks Operations into two Control Centers in Dublin and Cork. He was appointed to his present position as the Head of Asset Management, ESB Networks, in 2002. In this position he has responsibility for ESB Networks Asset Management Policies, Network Investment Plans, Procurement, Commercial and Regulation interface. Denis is also ESB's representative on the Eurelectric Networks Committee and is an associated member of Institute of Engineers of Ireland.



John Brereton,
General Manager, Wind Prospect Ireland
 John Brereton is a chartered mechanical engineer and has worked with Wind Prospect in the wind business in Ireland since 2002. Previously John worked with ESB's wind division and with building materials group CRH as a mechanical engineer in a number of cement factories in Ireland and Poland. John is a director of Wind Prospect Group with specific responsibilities for the management of the Irish and Polish businesses. Wind Prospect is a specialist wind farm engineering and project management firm and has completed the construction of over 25% of Ireland's installed wind energy capacity.



Minister Eamon Ryan
 Minister Eamon Ryan was first elected to Dáil Éireann in 2002. Prior to his appointment as Minister for Communications, Energy and Natural Resources in June 2007, he was the Green Party spokesperson for Transport and Enterprise, Trade and Employment and opposition convener on the Joint Oireachtas Committee for Communication, Marine and Natural Resources. Prior to his election to the Dáil he set up and ran two businesses, Irish Cycling Safaris and Belfield Bike shop. He was an active member and chairman of the Dublin Cycling Campaign, and from 1995 to 2002 he served on the Advisory Committee of the Dublin Transport Office. He was educated in Gonzaga College and University College Dublin where he graduated with a Bachelor of Commerce Degree.



Brendan Halligan
Chairman, Sustainable Energy Ireland
 Brendan was appointed Chair of SEI on October 1st 2007. As Chair of SEI, Brendan has been involved in many of the key decisions in relation to the promotion and assistance of the development of sustainable energy in Ireland over the last number of years. He was formerly Chairman of Bord na Móna; a former member of the Seanad and Dáil Éireann; a former member of European Parliament and former Secretary General of the Labour Party. Brendan is also CEO of CIPA Consulting, Chairperson of the Institute of International and European Affairs and is on the board of Mainstream Renewable Power.



Dermot Byrne,
Chief Executive, EirGrid
 Dermot Byrne was appointed Chief Executive of EirGrid in July 2005. Dermot has extensive senior management experience in the electricity industry in Ireland and abroad. From 1993 to 1997 he was Manager, Power System Operation in ESB National Grid. In the late 1990s he worked in senior roles within ESB customer services and power generation areas. In 2000 he was appointed as the first Head of ESB Networks, where he oversaw the major ramp-up in investment in transmission and distribution infrastructure. In his role as Chief Executive of EirGrid, Dermot has developed EirGrid into a group structure with responsibilities in Northern Ireland and the Republic of Ireland, comprising EirGrid TSO, System Operator Northern Ireland (SONI), and the Single Electricity Market Operator (SEMO). He is a Fellow of Engineers Ireland and he is also a distinguished member of the international electricity body CIGRE.



Alberto Ceña
Technical Director, Spanish Wind Energy Association
 Aeronautical engineer, currently Technical Director of the Spanish Wind Energy Association (Association of developers, manufacturers and financial institutions), which represents 85% of the total installed capacity in Spain. Previously, he has been Director of International Projects of the Energy Division of ACCIONA S.A., Chairman of GEDEON S. COOP, manufacturer of medium-power wind turbines and he has also held several positions within the European Commission, IDAE (Institute for the Diversification and Saving of Energy) and the Ministry of Industry and Energy.



Deputy Sean Barrett,
Chairman of Joint Oireachtas Committee on Climate Change and Energy Security
 Member of Joint Oireachtas Committee on Finance & Public Service
 Elected to Dáil Éireann in 1981
 Government Chief Whip 1982-'86
 Minister for Sport 1986-'87
 Minister for the Defence and Marine 1995-'97
 President of E.U Council of Ministers June-December '96
 Chairman Dublin County Council 1981-'82
 Member Fine Gael Front Bench for 20 years and served as a Spokesperson in a number of Departments including Justice, Industry and Commerce and Environment.
 Current Trustee of the Fine Gael Party
 Established his own Insurance Business in 1980
 Keen sportsman- played Gaelic Football and Rugby at Club level
 Served as President of Bective Rangers 2005-'06



Michael Walsh
CEO, IWEA
 Michael Walsh joined the IWEA as CEO in November 2007. The IWEA is the national association for the Irish wind industry. Prior to joining the IWEA Michael was manager of market development at EirGrid where he played a key role in the successful development of the Single Electricity Market. He was previously Manager of Ancillary Services at EirGrid and has been involved in several international assignments with ESB.



Michael G. Tutty,
Chairman, Commission for Energy Regulation
 Michael G Tutty was appointed Commissioner for Energy Regulation in Ireland in October 2004 and was appointed as Chairman in October 2008. In the past, he worked in the Department of Finance, where he reached the position of Second Secretary General in charge of Budget and Economic Division. From October 2000 to July 2004, he was Vice-President of the European Investment Bank in Luxembourg. Born in Dublin, he holds Masters Degrees in Economic Science from UCD and in Strategic Management in the Public Sector from Trinity College.



Mark Foley
Managing Director Coillte Enterprise
 Mark Foley joined Coillte in August of 2008 as Managing Director of Coillte Enterprises. Mark is responsible for the identification and delivery of new business opportunities through the deployment of the Group's broad asset based within the areas of Land Development, Renewable Energy and Communications. Prior to joining Coillte, he was Director of Capital Programmes with the Dublin Airport Authority as Director of Capital Programmes and was responsible for the permitting, procurement and delivery of new infrastructure projects over an 8 year period at Dublin, Cork and Shannon Airports. Prior to joining the DAA, he was Managing Director of Industrial Print Group, and previously spent 14 years with Loctite Ireland. Mark holds a Degree in Chemical Engineering and a Masters Degree in Industrial Engineering from University College Dublin.



Dick Lewis
Manager, Grid Operation Planning, SONI
 Dick Lewis is an electrical engineer with thirty years of experience in the Northern Ireland utility industry. His work has focused on a variety of areas including transmission & distribution planning, customer service, training and Grid Operations. Dick joined SONI in 2005 as Project Director of the SEM Establishment Programme. In 2008 he became the Manager of the Grid Operations Planning Department in SONI. He has a wide area of responsibility covering generation and transmission system operations planning and commercial and legal areas associated with connections and tariffs. The management of wind and maintaining network security is an area of particular importance as the TSO strives to find new and innovative ways to accommodate ever-increasing quantities of wind generation using the transmission system.



Tom Krogaard Pedersen
Head of Sales, EMEA North, Siemens
 Tom began his career as a Marine Engineer in the early 1980s. An interest in the field renewable energies in 1985 brought him to Vestas Energy, which had a few years earlier started to make small wind turbines for farmers and for the nascent US wind market. Two years in the US for Vestas, as a Service Engineer was followed by positions in Project Management, Sales, Market Development and Senior Management positions within Vestas. From 2001-4, Tom was responsible for construction of a new wind turbine manufacturing facility in Scotland, creating an organization of over 250 people in the process. After the merger between NEG Micon and Vestas, Tom was appointed President of Vestas' Northern Europe division until end 2006. Following the completion of an MBA from Henley Business School, Tom had a short venture into Wind Project development, before accepting his current position with Siemens Wind Power A/S, as responsible for Sales and Market development in Northern Europe.

Speaker Profiles



John FitzGerald
Research Professor, ESRI

John FitzGerald is a Research Professor with the Economic and Social Research Institute. He is also President of the Irish Economic Association. Previously he was a member of the Northern Ireland Authority for Energy Regulation. He has published extensively on energy and climate change policy and on the medium-term prospects for the Irish economy.



Paddy Teahon
Chairman, IWEA Offshore Committee

Paddy Teahon has almost four decades of experience in the Irish Civil Service, having worked for seven years as Head of the Department of the Taoiseach (Prime Minister) from 1993-2000. Paddy is President of the IWEA, and Chairman of the IWEA's offshore committee. He is Chairman of Eco Wind Power Ltd and is a Non-Executive Director of Treasury Holdings. He is currently a Director of Teahon Consulting Ltd, which advises a number of Irish and multinational companies.



Deputy M. J. Nolan
Chairman, Joint Oireachtas Committee on Communications, Energy and Natural Resources.

T.D. for Carlow/Kilkenny
First elected November 1982
Chairman: Oireachtas Committee on Communications, Energy & Natural Resources.
Former Chairman: Oireachtas Committee on Art, Sport & Tourism.
Former member: Muinebheag Town Council, Carlow Town Council, Carlow County Council



Thomas W Cooke
Chairman, Meitheal Na Gaoithe

Thomas Cooke is a dairy farmer and renewable energy developer based on the Tipperary Kilkenny Border in South East Ireland. He has been involved in community development at a local and national level. He is currently the Chairman of the Meitheal na Gaoithe - The Irish Wind Farmers Cooperative Society Ltd which is Ireland's representative body for independent wind farm developers (www.mnag.ie). Thomas is the LCMSA the spokesman on renewable energy and he represents the independent wind energy development sector on the government sponsored Renewable Energy Development Group which is a national body with advisory functions to government on the renewable industry generally. Thomas owns the company Biogas Environmental Tipperary East Ltd - B.E.T.E. and he is currently in the process of developing a biogas plant on his farm.



Lawrence D. Staudt
Director, Centre for Renewable Energy DKIT

Lawrence has been involved with renewable energy since 1978, when he was engineer and then engineering manager of Enertech, a wind turbine company involved with the California windfarms. He had a renewable energy consulting partnership with Aitricity's Brian Hurley in the 1980s. During the 1990s he worked with ESB doing power station engineering projects nationally and internationally, and as a shift engineer in the National Control Centre. During this time he was a chief executive of the IWEA and a vice president of the EWEA. He was chairman of the Irish Renewable Energy Council (IREC). He currently runs the Centre for Renewable Energy at Dundalk IT (CREDIT), is a council member of the Irish Wind Energy Association, and a member of the Engineers Ireland Energy and Environment Committee.



Katrina Polaski
Head of Renewable Energy, SEI

Katrina Polaski joined SEI in 2002, where she serves as Head of Low Carbon Technologies managing policy and technology research for renewable energy and other low carbon energy options. Previously Katrina was Head of Renewable Energy, Energy Economist and Senior Policy Analyst with SEI.
Katrina serves as Ireland's representative on the IEA Renewable Energy Working Party, and has represented SEI on a number of interdepartmental policy and advisory groups.



PJ Rudden
Group Energy Director, RPS Group

PJ Rudden is Group Energy & Environment Director for RPS in Ireland and Northern Ireland. He also chairs the all Ireland Strategy Board for RPS across all business units. He has over 25 years experience of the Irish energy business having been significantly involved in many Bord Gáis transmission pipelines, including Gas Pipeline to the West. More recently he is RPS Project Director for planning, routing, EIS and consents for the Onshore Pipeline Route for the Corrib Partners. He is consultant to Eirgrid for transmission network upgrades in the North West to facilitate renewable energy connections and to Coillte on wind farm development in the Midlands. He is also Project Director for the Irish Scottish Links Energy Study (ISLES) on Offshore Renewables for the three Governments off the coasts of Scotland, Ireland & Northern Ireland. He was recently elected Vice President of Engineers Ireland 2009 - 2011.



Noel Thompson,
Presenter, BBC Northern Ireland

Noel Thompson anchors Northern Ireland's BBC Newsline and the Hearts and Minds politics programme. He is a regular presenter of BBC National Breakfast news, and the BBC Hard Talk programme. He is a two time winner of the Royal Television Society's Regional Presenter of the Year Award, and winner of the IPR Broadcaster and Journalist of the Year Awards. Noel is an enthusiastic singer, cyclist, canoeist and hill walker.



Martin Finucane
Renewable Energy Division
Department of Communications, Energy and Natural Resources

Martin Finucane is Principal Officer in charge of the Renewable Energy Division in the Department of Communications, Energy and Natural Resources. He is responsible for the development and promotion of renewable energy policy across the electricity, heating/cooling and transport sectors.



Fintan Slye
Director of Operations, EirGrid

Director, Operations Fintan Slye assumed the position of Director of Operations in January 2007, having previously worked for McKinsey & Co in their Dublin office. Prior to that, he held a number of project and management roles in ESB National Grid and ESB International. He is a graduate of University College Dublin, from which he holds a Masters in Engineering Science and a Masters in Business Administration.



Shane Lynch
Director of Electricity Utility Regulator

Shane Lynch took up his position as Director of Electricity at the Utility Regulator in September 2009. He has worked in the electricity industry for 27 years. This included various engineering positions with Northern Ireland Electricity from 1983 until 1992. He then worked for The AES Corporation as Managing Director for both Belfast West and Kilroot power plants and as Development Director for Ireland. He has a BSc. with honours in Mechanical Engineering from Queens University, Belfast and a MSc. with distinction in Finance and Investment from the University of Ulster.



Tim Cowhig,
Past Chairman, IWEA

Tim is a Fellow of the Institute of Chartered Accountants in Ireland. He holds an honours Bachelor of Commerce degree from University College Cork, is an Associate of the Chartered Institute of Arbitrators and a member of the Institute of Directors.
Tim is a highly accomplished and versatile Executive/Director with a proven track record in a competitive environment including developing and executing start-up business plans. He has more than twenty years commercial experience in many different roles culminating in the role of CEO and Executive Director of SWS Energy, a company which grew ten-fold in three years to become a market leader in the highly competitive and complex renewable energy market. Tim stepped down as CEO after the sale of the company in December 2009.
Tim is currently a Director/council member of the Irish Wind Energy Association and was Chairman of the IWEA from 2002 to 2009, where he championed the case for wind power among policy makers, regulators and banks. Tim has been to the forefront in shaping national policy on renewable energy.



Caitriona Diviney
Chief Operating Officer, IWEA

Caitriona was appointed Chief Operating Officer of IWEA in December 2008. Her main activities involve the co-ordination of IWEA policy development and representation. 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.