



IWEA Annual Golf Event

Wednesday 3rd October 2012
Killarney Golf & Fishing Club

Registration available soon
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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

Registration available soon at www.iwea.com
Exhibition Opportunities Now Available

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IWEA Annual Conference 2013

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Exhibiting Companies



"IWEA Renewables F.O.C.U.S 2012"

Focus on One Common Understanding of Safety – The Big Event

14th June 2012. Hilton Hotel Dublin, Charlemont Place, Dublin 2



"IWEA Renewables F.O.C.U.S 2012"

Focus on One Common Understanding of Safety – The Big Event

IWEA 2nd Annual Health & Safety Event - Thursday 14th June 2012

8:00am Registration & Coffee, Exhibition Viewing

Session 1	Managing Electrical Hazards and Risks During Construction	Chair: Stephen Wheeler , Managing Director, Airtricity & IWEA Chairman
09:20	Welcome Address	Stephen Wheeler , Managing Director, Airtricity & IWEA Chairman
09:30	Context for the Day	Martin O'Halloran , CEO, Health & Safety Authority, Ireland
09:50	Safe Systems of Work for Electrical Work Safety Rules, Permitting and other Control Measures	Michael Murphy , Operations Policy and Safety, ESB Networks
10:10	An Incident Case Study - Co-ordination of Commissioning	Barry Kilcline , Construction Project Manager, SSE Renewables
10:30	The Role of the Electrical Contractor Competence, Co-operation, Co-ordination	Padraig Plunkett , Associate Director, Kirby Group
10:50	Q&A	
11:00	Tea, Coffee & Exhibition Viewing	
Session 2	Wind Farm Maintenance	Chair: Michael Bermingham , Chair of IWEA Emergency Response Group & Operations Safety Coordinator, ESB International.
11:20	Cross Boundary HV/LV in the Wind Turbines	Nick Radforth , Electrical Safety Manager, RWE npower
11:40	Communications on Wind Farms	Thomas O'Brien , Telecoms & Network Engineer, SSE Renewables
12:00	Working in Restricted Spaces	Joe Bellingham , Health, Safety & Environmental Manager, Nordex
12:20	Q&A	
12:30	Lunch	
Session 3	Change in Behavioural Safety	Chair: Michael O'Grady , Chair of IWEA Construction Safety Group and Health & Safety Manager, ESB Wind Developments.
14:00	Take it From the Top - Behavioural Safety From the Boardroom Down	Jim Mulcair , Director, Roadbridge
14:20	Risk and a Way you Might Look at it Closing the Risk Gap	Fiona Kennedy , Organisational Psychologist, ESB Energy International
14:40	Role Play	Gerry McCann , Professional Actor
15:00	Q&A	
15:10	Tea, Coffee & Exhibition Viewing	
Session 4	Safe By Design	Chair: Paul Whelan , Chair IWEA Health & Safety Strategy Group and Safety & Environment Manager SSE Renewables
15:30	Foundation Design & Safe Working	JoAnn Salmon , Quality, Environment, Health & Safety Manager, Fahily Timoney & Company
15:50	Safety in Turbine Design Designing Turbines to Make Safe to Operate and Maintain	Karl Sollis , Health, Safety & Compliance Manager, ENERCON Services UK Ltd
16:10	Best Practice for Road and Site Design	Brian O'Doherty , Proposal Manager - Renewable Energy, Siemens
16:30	Q&A	
16:40	Closing Address	Paul Whelan , Chair IWEA Health & Safety Strategy Group and Safety & Environment Manager SSE Renewables
17:00	Conference Close	

The Speakers



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.



Martin O'Halloran. CEO, Health & Safety Authority
Mr. Martin O'Halloran has been the Authority's Chief Executive since June 2007. He also served on the Board of the Authority from 1992 to 1995. He was an Irish delegate to the European Commission advisory committee on Occupational Safety and Health from 1992 to 1995. He is a graduate of Trinity College, Dublin from where he holds a M.Sc. in Statistics and Operations Research. He holds an B.Sc (hons) Applied Physics, Mathematics from the University of London and is a Graduate Diploma in Occupational Safety and Health 1990 (Masters Programme) from the Robens Institute, University of Surrey. Martin has also lectured in Trinity College Dublin, Dublin Institute of Technology, DCU and University of Limerick. Martin is a chartered member and Honorary Vice President of the Institution of Occupational Safety and Health and a member of the Institute of Directors. He is also a trained executive coach. He has held senior positions with Telecom Eireann, Eircom and Vodafone. He has worked as an occupational health and safety professional in industry.



Michael Murphy. Operations Policy and Safety, ESB Networks
Michael joined ESB in 1977 as an electrical apprentice. After qualifying in 1981 he worked in construction, maintenance and operations of the MV system. In 1987 he joined ESB Training. During this time in training he designed and delivered training courses in network operations, maintenance and protection across all voltage levels, developed Electrical Safety Rules for a number of High Voltage customers and delivered HV operations training to these customers. In 2003 he moved to ESB Asset Management, Operations Policy and Safety and was involved in the extensive review of ESB Electrical Safety Rules. This role involved extensive interaction with ESB staff and management. He has developed the new procedure for connecting New Apparatus to the electrical system. He views rigorous incident investigation, identifying the causes and subsequent learning extremely important in the drive to achieve zero incidents.



Barry Kilcline. Construction Project Manager, SSE Renewables
Barry is a Construction Project Manager with SSE Renewables and is responsible for delivery of Windfarms to SSE Wind Generation. Prior to this he worked for SSE Renewables Engineering Department. Barry came to SSE Renewable with 10 years experience with ESB International in General Substation Design and later specialising in Automation & Telecoms working both in Ireland and overseas. Barry holds an Engineering Degree from University of Dublin, Trinity College and a MSc in Technology Management from Smurfit Business School.



Padraig Plunkett. Associate Director, Kirby Group
Padraig Plunkett BE C.Eng M.IEI Associate Director with over 25 years varied international experience in HV power transmission and distribution has overall responsibility for the management and performance of Kirby Group's Power T&D division, which specialises in design & build HV infrastructure projects.



Michael Bermingham. Chair of IWEA Emergency Response Group & Operations Safety Coordinator, ESB International.
Michael Bermingham is Chair of IWEA Emergency Response Group and ESBI wind operations safety coordinator. He took a lead role in implementing the RenewableUK Wind Turbine Safety Rules on all ESBI sites beginning with Carnsore Point windfarm in 2008. Michael has worked with ESBI for 7 years and has been a part of the wind operations team since 2007. A qualified mechanical engineer, he previously led the project for compliance with the Explosive Atmospheres (ATEX) Directive at Dublin Bay Power Plant and has worked for GE Sensing as a commissioning and service engineer in the Oil & Gas industry.



Nick Radforth. Electrical Safety Manager, RWE npower renewables
Electrical Safety Manager for RWE npower renewables in the UK, responsible for safe systems of work across all renewable technologies that RWE have within the UK. Worked in the renewable business since 2004. Worked within the power industry for over 25 years on coal, lignite, gas power plants holding several positions within Operations and Maintenance. Held several safety rules authorisations up to 400kV. Lead a team with responsibilities for implementation of safe systems of work, commissioning of electrical systems across all renewable technologies. Member of the R-UK Operational Safety Rules Group since 2006 and now chairs the group.



Thomas O'Brien. Telecoms & Network Engineer, SSE Renewables
I started my career in the Renewable Energy Industry on wind farms in 1997 with B9 Energy. In this role I managed the day to day wind farm operations & maintenance functions and the telecommunications and SCADA systems of a number of wind farms managed by B9 Energy O&M Ltd. In 2007, I joined Airtricity as a Telecoms & Network Engineer with responsibility for designing and managing delivery of the telecommunications systems to the SCADA deployments on all SSE wind farms for both Wind Turbine Supplier SCADA systems and the SSE proprietary SCADA system (EMN) to meet SSE Generations requirements and ensuring that the appropriate voice and data infrastructure is in place and on schedule to support the Wind Farms. We provide full support of telecommunications on wind farms throughout the UK and Ireland ensuring effective farm management by our Operations staff through consistent and reliable site communications. I hold an Engineering degree from Dundalk Institute of Technology and a Computer Science degree from Letterkenny Institute of Technology.



Joe Bellingham. Health, Safety & Environmental Manager, Nordex
Joe Bellingham has had 27 years experience in HSE and training development dealing course design, training safety analysis, accident investigations and Safety Management Systems globally. In 2007 Joe took up a position of HSE Manager for Nordex UK and Ireland Energy Ltd Service Department. Joe is currently the HSE Manager for Nordex UK and Ireland Energy Limited. He has been instrumental in the continued development of the Nordex Safety Management system, continued development of the Safe Systems of Work and training media.



Michael O'Grady. Chair of IWEA Construction Safety Group and Health & Safety Manager, ESB Wind Developments.
Michael is Chair of IWEA Construction Safety Group and the Health & Safety Manager in ESB Wind Development. Michael has worked on both sides of the Client / Contractor relationship and sees the safe construction of Wind farms being achieved through a partnership approach by all involved. A constant focus on the "Top Risks" to health and safety of workers, the public and others at every stage of the project by Clients, Designers and Contractors will deliver a performance by Ireland's wind industry.



Jim Mulcair. Director, Roadbridge
I am a chartered engineer and a fellow of the institute of engineers. I have a BE degree from UCD (1980) and a Master of engineering Science from the University of Missouri (Smurfit scholarship). I have worked for Roadbridge for 28 years working initially as site engineer and progressing through site Agent to Contracts manager and finally a Main Board Director. This on site experience is vital to my role as Board director as I appreciate every aspect of what we do in the field. In the last few years I have led the Internationalisation of our company with emphasis on the energy and mining sectors. We have championed our behavioural safety programme to these clients with positive results. We see our behavioural safety programme as a vital engine for our company development and continued business success



Fiona Kennedy. Organisational Psychologist, ESB Energy International
Fiona is an Organisational Psychologist who specialises in human performance in the workplace. Fiona has worked with a range of clients in the Public and Private sector, including the Irish Revenue Commissioners, An Garda Siochana and Tata Steel providing consultancy services in change management, competency development, employee engagement and culture change. Currently Fiona works in the semi-state energy company ESB as part of a human factors team that addresses safety culture, leadership, team working and human performance issues in high risk, safety critical situations. Specifically she is involved in developing and rolling out non-technical skills programmes for ESB staff, supervisors, managers and leaders and in building a focus on safe behaviour and safety culture into the overall health and safety strategy of the organisation.



Gerry McCann. Professional Actor
Gerry has been a professional actor for over twenty years. For the past two years he has conducted role-play exercises to assist Health and Safety Training in the Energy sector. He has worked for Roadbridge on their construction of the gas terminal and pipeline near Belmullet, Co. Mayo, as well as on their project on the Shetland Islands and the wind farm at Whitelee, Glasgow. He has also worked with Keane safety Improvement for BP in Houston, Texas. Prior to working in the energy sector Gerry wrote and performed Bespoke Sketches for training for Accenture. Gerry has appeared in many TV programmes, mostly on RTE, such as; Fair City, Bachelor's Walk, Raw, Love Hate and The Clinic. He has also appeared in two BBC series; Roy and Never Better. Over the years Gerry has performed in almost every theatre in Ireland as well as in three productions in London's West End. He has recently written two short plays which have been produced in Dublin and continues to work in film and television having recently performed on Trivia Series II and a new film starring Pat Short and Fionnula Flannagan called Life's A Breeze.



Paul Whelan. Chair IWEA Health & Safety Strategy Group and Safety & Environment Manager SSE Renewables
Paul Whelan is a leading industry practitioner in implementing safety excellence strategies, most recently in project oriented environments across the UK & Ireland. He is a leading member of the IWEA Health & Safety Group, and is currently acting as Chairperson of the Safety Group. He also holds the position of Safety & Environment Manager at SSE Renewables, and has proven successful in driving higher safety performance standards in over sixteen wind farm construction projects. Paul has also achieved high standing in the safety community, winning the prestigious IOSH Safety Practitioner of the Year Silver Award. More recently, he has developed successful behavioural based safety initiatives as a pro-active excellence strategy for delivering world class renewable projects. Prior to joining SSE, he worked in environmental enforcement at local government level, and as EHS Manager in the heavy engineering sector. He also was on the Board of Directors of ECO-UNESCO Ltd. and Youth Environment Europe.



JoAnn Salmon. Quality, Environment, Health & Safety Manager, Fahily Timoney & Company
JoAnn Salmon is the Quality, Environment, Health & Safety (QEHS) Manager with Fahily Timoney & Company. JoAnn graduated with a degree in Civil Engineering from the University College Cork and is a member of Engineers Ireland (EI) and the Institution of Occupational Safety & Health (IOSH). She holds a post-graduate Higher Diploma in Management and Marketing and a Diploma in Safety, Health and Welfare at Work (Construction) also from UCC. She has over 20 years experience in civil engineering, including wind farm, projects specialising in the management of health and safety at all stages of a project. JoAnn currently represents Engineers Ireland on the Construction Safety Partnership, which was set up by the Government with the aim of improving worker safety on construction sites and reducing the unacceptable level of accidents and fatalities in the industry and is also on the Joint ACEI / EI Health and Safety Committee.



Karl Sollis. Health, Safety & Compliance Manager ENERCON Services UK
Karl is a Chartered Member of the Institution of Occupational Safety & Health. He is the Health, Safety & Compliance Manager for ENERCON Services UK Ltd & is the Authorising Officer for the ENERCON UK 3rd Edition Wind Turbine Safety Rules (WTSR). Karl is responsible for the implementation of the ENERCON WTSR at 7 major Wind Farms across the UK & managing the operational health & safety requirements in the UK. As the Health, Safety & Compliance Manager, Karl works closely with the design of the turbines & the turbine designers, ensuring not only legal compliance, but going beyond that to achieve state of the art status.



Brian O'Doherty. Proposal Manager Renewable Energy, Siemens
Brian O'Doherty is the Proposals Manager for Siemens Renewable Energy in Ireland. Brian is responsible for all tendering and bidding activity for the business unit and also manages the contract negotiation process for new projects, focusing primarily on onshore wind. Originally qualifying as a mechanical engineer, he has almost ten years experience in onshore and offshore wind, working in a variety of roles such as regulatory, trading, project development, engineering and operation. He has worked on wind farm projects in over a dozen different countries and recently joined the IWEA Export committee. Siemens is a leading supplier of wind turbine equipment to the Irish wind industry and aims to maintain and strengthen this position in the market.