

**Mark O'Malley**  
 Mark O'Malley, is the director of the UCD Energy Institute and Electricity Research Centre, a multidisciplinary, multi-institutional, industry-supported research activity. O'Malley is also co-founder of the International Institute for Energy Systems Integration (IESI), a global community of scholars and practitioners engaged in developing an efficient world energy system. O'Malley is also co-founder of the International Institute for Energy Systems Integration (IESI), a global community of scholars and practitioners engaged in developing an efficient world energy system. He is a Member of the Royal Irish Academy and a Fellow of the Institute of Electrical and Electronic Engineers.

**Laura Brien**  
 Laura Brien is Director of Energy Markets, Commission for Energy Regulation, with responsibility for all competitive aspects of retail and wholesale gas and electricity markets. She is leading CER's project to integrate the Single Electricity Market with the EU Target Model. Laura has over 20 years' experience working on market design in the US, Europe, Asia, Africa and Middle East. Prior to joining the CER, Laura was the Senior Economic Advisor at the Commission for Communications Regulation.

**Rosheen McGuckian**  
 Chief Executive Officer, NTR plc  
 Rosheen joined NTR plc, a leading investor in renewable energy, in September 2008 as Group Corporate Development Director. She has subsequently held a number of positions across the Group including as CEO of solar development and waste management platforms within the group. She is also Chairperson of NTR's Wind Capital Group which operates 350MW of wind projects in North America. Prior to NTR, Rosheen was most recently Chief Executive Officer of GE Money Ireland, the consumer finance division of General Electric, having joined GE in 2002. Prior to joining GE, Rosheen led the business transformation initiative for Irish utility ESB Power Generation. Before holding this role, she acted as a communications consultant for 13 years. Rosheen is a Director of the Social Innovation Fund of Ireland and is a member of the Advisory Board of Trinity College Dublin School of Engineering. Rosheen holds a PhD, MA & BSc.

**Mark Foley**  
 Mark joined Coillte in August of 2008 as Managing Director of Coillte Enterprise. Mark is responsible for the identification and delivery of new business opportunities through the deployment of the Group's broad asset base within the areas of Land Development, Renewable Energy and Communications. Mark also leads Coillte Group's Centre of Excellence for Innovation. Prior to joining Coillte, Mark was Director of Capital Programmes with the DAA and was responsible for the permitting, procurement and delivery of over € 1.2 billion of new infrastructure projects over an 8 year period at Dublin, Cork and Shannon Airports, including T2 at Dublin Airport. Prior to joining the DAA, Foley spent 16 years in the multi-national sector in a range of senior management positions. Mark holds a Degree in Chemical Engineering and a Masters Degree in Industrial Engineering from University College Dublin.

**Sheila Layden**  
 Sheila is a founding member of IWEA, where she has held a number of senior offices including Vice-Chairperson and is the current Chair of the Small & Medium Wind Committee. Through MWFL, she developed two windfarms, totalling 12 MW and operational since 2005. Sheila has managed windfarms in Ireland for over 17 years, for individual windfarm owners, MWFL and corporate funds. In 2014 she set up EnergyPro and is currently spearheading EnergyPro's growth in the area of windfarm data analytics. This includes reviewing windfarm data to proactively manage and improve turbine performance. For the past eighteen months she has been actively involved in the consultation process for the design of the I-SEM. Sheila has a Bachelor of Engineering from NUI Galway, and a Diploma in Accounting and Finance.

**Ken Boyne**  
 Ken is Managing Director of Wind Prospect Ireland which is the leading provider of technical consultancy and project management services to the Irish wind industry both in ROI and NI. He is a qualified Electrical Engineer with over 25 years' experience in the power and infrastructure industries both in Ireland and internationally with the last 15 years exclusively in the renewables sector. He previously held senior management positions in both ESB and ESBI before taking over at WPI in 2012.

**Caoimhe Giblin**  
 Caoimhe Giblin – Head of Client Services, ElectroRoute. Caoimhe, a qualified Chartered Accountant, heads up the Client Services Division at ElectroRoute – an innovative energy trading and Services Company. Caoimhe started her career in the energy sector a decade ago with Airtricity. Most recently Caoimhe was Director of Finance at SSE Renewables where she had responsibility for the financial activities of SSE plc's on and off-shore wind development and construction portfolio. Caoimhe has significant experience of corporate acquisitions and disposals, equity fundraising and project finance.

**Hugh Mullany**  
 Hugh Mullany has been operating as an independent consultant in Ireland for over 10 years, with particular interest in renewables, demand side participation, and system services. He is actively engaged in several aspects of change within the all-island market and the wider support mechanisms, notably REFIT, smart metering, and the DS3 Programme. He is currently supporting IWEA on the integration of SEM into the EU Target Model.

**Pat Brett**  
 Pat Brett joined IWEA in 1994. His entry to wind energy came from a strong business background with an interest in the solutions and opportunities afforded by wind energy to the two biggest issues of our new millennium – global warming and finite fossil fuel resources. Pat founded Ecopower Ltd. in 1996 and has grown the company to be one of the largest independent wind energy developers in Ireland. Pat and his team at Ecopower, have developed expertise in the complete cycle of wind farm development from site identification through to financing, commissioning and O&M. The company owns and operates four windfarms – two in Mayo and one each in Donegal and Kilkenny and is developing five projects in the Gate 3 Grid Connection Process.

**Deborah Spence**  
 Deborah is Head of the Environment, Planning & Climate Change Group in Arthur Cox. She has advised on almost all key waste and energy infrastructure brought to market in Ireland over the last 15 years. She specialises in complex infrastructure projects ranging from alternative energy projects, water and transport infrastructure to greenfield pharmaceutical and high tech data centres. Of late she advises developers and funders on environmental and planning liability in dealing with distressed assets and on restructuring assets to include regulated activities, and most recently is currently involved in defending challenges in Judicial Reviews of Decisions directly affecting the wind energy sector.

**James O'Sullivan**  
 James O'Sullivan has been the Pans-Ops & Airspace Inspector for the Safety Regulation Division of the Irish Aviation Authority (IAA) for the last 18 years and is responsible for the regulation and safety oversight of Pans-Ops, Charting, Airspace, Aeronautical Information Services and Aeronautical Data. Prior to working with the IAA, he worked for the Irish Defence Forces as an Air Traffic Controller for eight years. James is currently a technical member of several international working groups from ICAO, EASA, EU and Eurocontrol.

**Clodagh O'Donovan**  
 Clodagh O'Donovan is a Director with Fehily Timoney & Company Ltd (FTC) and is also Head of the Energy Division, with direct responsibility for all energy projects within the company. FTC is one of Irelands 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 Fellow of Engineers Ireland (FIEI) and the Association of Consulting Engineers of Ireland (FConsEI) and a member of the Chartered Institution of Water and Environmental Management (CIWEM, C.WEM).

# Exhibiting Companies


Main Sponsor  
**BORD NA MÓNA**  
**POWERGEN**

**IWEA**  
 Irish Wind Energy Association

Annual Conference

25th & 26th March 2015

DoubleTree by Hilton Hotel, Dublin

*"Irish Wind Energy" - Renewing Ireland's Energy*

Supporting Sponsors  
**ARTHUR COX**  
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## "Irish Wind Energy - Renewing Ireland's Energy"

Main Sponsor: Bord Na Móna

IWEA Annual Conference 2015 - Wednesday 25th March

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

### Session 1 - Irish Wind Energy "Renewing the Vision"

9.30am Peter Harte, Chief Technology Officer, Element Power (Ire) Ltd and IWEA Chairman  
9.40am Kenneth Matthews, CEO, Irish Wind Energy Association  
10.00am John Reilly, Head of PowerGen, Bord Na Móna  
10.20am Question and Answers

Chair: Peter Harte, IWEA Chairman

"Welcome Address"  
"Powering Ireland Ahead in a Data Driven World"  
"On-shore Wind: A Low Cost Decarbonisation Option"

10.40am Tea, Coffee & Exhibition Viewing

### Session 2 - "Keynote Address"

11.10am Alex White, T.D, Minister for Communications, Energy and Natural Resources

"Keynote Address"

### Session 3 - "Renewing Energy Systems"

11.30am Fintan Slye, Chief Executive, EirGrid

Chair: Will Carmody, Partner, Mason, Hayes & Curran

"The Transmission System of the Future Challenges and Opportunity"  
"Utilities of the Future - A Look Ahead for Wind"  
"Energy Systems of the Future"

11.50am Colin Morgan, Regional Manager Western Europe, DNV-GL  
12.10pm Dr Brian Ó Gallachóir, Lecturer in Energy Engineering, UCC  
12.30pm Questions & Answers

12.50pm Lunch

### Session 4 - "Policy, Certainty, Investment, Getting it Right"

14.20pm Brian Carroll, Principal Officer (Head of Division), DCENR  
14.40pm Donal Murphy, Head of Infrastructure and Credit Investment, ISIF  
15.00pm Teresa O'Flynn, Managing Director, BlackRock  
15.20pm Questions & Answers

Chair: Garrett Monaghan, Partner, Arthur Cox

"Investing In The Future Power System"  
"Getting The Investment Equation Right"

15.40pm Tea, Coffee & Exhibition Viewing

### Session 5 - "Embracing Change: Shaping Ireland's Future Energy"

16.10pm Marguerite Sayers, Managing Director, ESB Networks  
Mark O'Malley, Professor of Electrical Engineering, UCD  
Laura Brien, Director of Energy Markets, CER  
Rosheen McGuckian, Chief Executive Officer, NTR  
Mark Foley, Managing Director, Coillte Enterprises  
17.00pm Questions & Answers  
17.20pm Exhibitors Reception  
19.15pm Pre-Banquet Reception  
19.45pm Conference Banquet - After Dinner Speaker Invited

Moderator: Claire Byrne, Broadcaster, Journalist & MC

Sponsors: All Exhibitors

Sponsor: Arthur Cox

## IWEA Annual Conference 2015 - Thursday 25th March

8:30am Registration, Tea, Coffee & Exhibition Viewing

### Session 1 - "Market Change: Managing Risks Advancing Opportunities"

9.30am Ken Boyne, Managing Director (Ireland), Wind Prospect  
9.50am Caoimhe Giblin, Head of Client Services, ElectroRoute  
10.10am Hugh Mullany, Mullany Engineering Consultancy  
10.30am Question and Answers

Chair: Sheila Layden, Director, Energypro

"Market Change - Next Steps"  
"Delivery of Future Market Opportunity"  
"Delivering Projects Through Market Change"

10.50am Tea, Coffee & Exhibition Viewing

### Session 2 - "Planning Partnership"

11.20am Deborah Spence, Partner, Arthur Cox

Chair: Pat Brett, CEO, Ecopower Ltd

"Recent Planning Challenges Affecting Windfarm Development"  
"IAA Land Use Policy"

11.40am James O'Sullivan, Pans-Ops & Airspace Inspector, Aeronautical Services Department, Irish Aviation Authority  
12.00pm Clodagh O'Donovan, Director & Head of Environment and Energy, Fehily Timoney & Company Ltd  
12.20pm Questions & Answers  
12.40pm Conference Closing Address

"The Current Planning Framework For Wind Energy Development"

12.50pm Conference Close

## Conference Speakers



### Alex White

Minister for Communications, Energy and Natural Resources, Alex White, is a Labour TD for Dublin South, and a Senior Counsel. He was educated at Chanel College Coolock, and Trinity College Dublin from where he graduated in

Economic and Social Studies in 1981. He subsequently attended the King's Inns, and was called to the Irish Bar in 1987. Before commencing practice as a barrister in 1994, Alex White was a current affairs producer with RTÉ for ten years. He subsequently became a leading practitioner in employment and labour law, appearing regularly before the Irish Courts and in employment tribunals on behalf of employee and employer clients. He was called to the Inner Bar in 2010. He has also lectured on employment law and media studies.



### Peter Harte

Peter is currently the Chief Technology Officer and Director at Element Power Ireland, based in Cork. Element Power Ireland has successfully developed a national portfolio of c350MW under Development, c50MW of projects under Construction, and c50MW in Operation. Element Power Ireland is also developing the Greenlink project, which plans to develop a 700MW interconnector between Wales and Great Island. Peter is Chairman of the Irish Wind Energy Association (IWEA) and previously chaired the Grid and Markets Committees. He holds a B.Eng in Mechanical Engineering at the University of Limerick.



### Kenneth Matthews

Kenneth joined IWEA as CEO in September 2011. He has over 14 years experience in the energy industry in Ireland having worked 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.



### John Reilly

Dr. John Reilly, Head of Development Bord Na Mona PowerGen, (Irish Utility Company). John is a member of Bord na Mona's Senior Executive team with specific responsibility for the PowerGen Business Unit, which has both thermal and renewable generating assets in its portfolio. John has over 15 years experience in the energy sector and was previously part of the Senior Management team at Edenderry Power prior to its acquisition by Bord na Mona Energy from the major German utility player E.ON. He has also previously worked for Fortum, the Finnish Utility. John is currently a member of

Eurelectric's Environment & Sustainable Development Policy committee and the Irish Business & Employers Confederation (IBEC's) Energy Policy Executive, where he previously chaired the Climate Change Working Group. He is also on the Board of the Electricity Association of Ireland (EAI) and the Electricity Research Center (UCD).



### William Carmody

William is a partner in Mason Hayes & Curran Solicitors and leads the Project Finance & Energy team, which advises a wide range of clients in areas such as developers, utilities, financiers, industry and

government. William's project finance practice has a particular focus on the financing of renewable energy projects. He has acted on the financing of projects which have an installed energy capacity of approximately 700MW and a combined funding value of approximately €1 billion. William advises lenders and borrowers on the issues that arise in relation to the financing of projects together with energy regulation and off-take arrangements.



### Fintan Slye

Fintan Slye, Chief Executive. Fintan Slye was appointed Chief Executive of EirGrid on 1 October, 2012. He had previously held the position of Director of Operations of EirGrid, in which he had responsibility for the operation of the power system in Ireland and Northern Ireland. Before this, 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.



### Colin Morgan

Senior Manager in DNV GL - Energy, and a Chartered Mechanical Engineer who has worked in the wind energy industry for 27 years. In this time he has: led one of the largest, most respected, advisory teams in the world for renewable energy engineering; served as Global Head of Offshore Wind for the GL Group; built a multi-disciplinary offshore wind team from scratch; project managed FEED studies for a series of major offshore wind farms; and, pioneered the Garrad Hassan approaches to wind farm energy analysis and technical due diligence. Contributor to various industry bodies and forums and currently chairing the Renewable UK Onshore Wind Cost Reduction Taskforce.



### Dr Brian Ó Gallachóir

Dr Brian Ó Gallachóir is Senior Lecturer in Energy Engineering and Principal Investigator in Energy Policy and Modelling research in UCC. His research focus is on building and using energy models to inform energy and climate change mitigation policy. Brian is Chair of the IEA's Executive Committee on Energy Technology Systems Analysis Programme (ETSAP). He is also a member of the Energy Cork Steering Committee. Brian's research has been published extensively and has improved the knowledge base underpinning policy decisions.



### Garrett Monaghan

Garrett specialises in project finance and corporate transactions in the renewables, utilities and wider infrastructure sectors. Garrett advises project sponsors, lenders, investors and secondary market purchasers on all aspects of project development, acquisition, financing and operation and has advised on in excess of €2 billion in debt financings in the Irish projects sector. Prior to joining Arthur Cox, Garrett was European counsel with the US utility American Electric Power and worked with leading international law firms in London. Garrett is a member of the policy committee of the Irish Wind Energy Association and a council member of the International Project Finance Association (Ireland Branch).



### Donal Murphy

Donal Murphy is Head of Infrastructure and Credit Investments at the Ireland Strategic Investment Fund (ISIF). The ISIF mandate is to invest on a commercial basis to support economic activity and employment in Ireland.

The Infrastructure, Energy and Project Finance markets are expected to be key areas of activity for the ISIF. For the last 7 years Donal was Head of Project Finance Ireland at Bank of Ireland. In this role he led a team which has completed many transactions - principally in the infrastructure, PPP and renewable energy sectors. Donal worked in project finance at Bank of Ireland for 13 years, and prior to that he worked in the UK in a number of financial control, credit appraisal and corporate recovery roles. He is a Chartered Accountant, having trained with KPMG in Dublin, has a B.Comm from UCD and is a member of the Irish Council of the International Project Finance Association.



### Teresa O'Flynn

Teresa O'Flynn, Managing Director, joined BlackRock in 2011 to establish the Renewable Power Infrastructure business, playing a leading role in fundraising and European investment activity. She sits on the Group's Management and Leadership committees and is involved in setting and implementing the strategy for Renewable Power and Infrastructure more broadly. Previously Ms. O'Flynn worked at NTR plc and Airticity in Europe and North American. She qualified as a Chartered Accountant (FCA) and Tax Consultant (AIT) with KPMG / Arthur Andersen.



### Claire Byrne

Broadcaster, Journalist & MC. Claire has a wealth of broadcasting experience spanning 13 years in the business. She began her career in radio and worked for the BBC as a broadcast Journalist before becoming News Editor with a Channel 103FM. Claire returned to Ireland and began working with TV3 as early morning News Anchor on Ireland AM. After a couple of years she moved to London to take up a position as News Anchor with Channel 5 and ITN News Channel. It wasn't long before TV3 beckoned once again and Claire returned to Ireland to take up the job of Ireland AM presenter. From there, she became the main evening News Anchor on TV3 before making the move back to radio and Newstalk 106 to 108 where she co-anchored the breakfast show with Ivan Yates. Claire Byrne is also a columnist with the Sunday Tribune and is regular host and MC at awards events and ceremonies.



### Marguerite Sayers

Marguerite Sayers was appointed Managing Director, ESB Networks in October 2014. She graduated from UCC with a degree in electrical engineering in 1991. Since then, she has gained many years' experience working in ESB in various technical and managerial roles, operating for a time as Customer Service Manager for Dublin South and Head of Asset Management for ESB Networks. Ms. Sayers has also earned additional qualifications in project management, human resources and finance. Prior to her appointment as Managing Director, ESB Networks, she managed ESB's 5,500MW generation portfolio in Ireland and the UK. In addition, she is a member of Engineers Ireland's Council and Executive and a member of the National Paediatric Hospital Development Board.

## Save the Date

### IWEA Annual Health & Safety Event 2015

Thursday 11th June Hilton Dublin Airport Hotel, Malahide Road, Co. Dublin

Main Sponsor: **ESB** Energy for generations

Registration available soon at [www.iwea.com](http://www.iwea.com)  
Exhibition and Sponsorship Opportunities Now Available

## Save the Date

### IWEA Annual Golf Event

7th October - Mount Juliet, Kilkenny

Sponsored by: **MORIARTY**  
CIVIL ENGINEERING CONTRACTORS

## Save the Date

### IWEA Autumn Conference

7th & 8th October 2015 Lyrath Estate Hotel, Kilkenny

Exhibition & Sponsorship Opportunities Now Available  
Registration Open soon at: [www.iwea.com](http://www.iwea.com)

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