

energy ireland[®]

irish renewable energy summit 2010

thursday 21st january 2010
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dundalk

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irish renewable energy

summit 2010

Meeting 2020 targets

Irish energy policy prioritises the development of renewable energy technologies and energy efficiency in order to meet 2020 commitments. Ireland has the potential to become an exporting nation in terms of energy generated from renewable resources. This will require not only significant development of renewable energy generation capacity but reinforcement of the electricity grid and interconnection.

The theme for the morning sessions will be investigating how the barriers to achieving the 2020 targets for renewable energy development in Ireland can be overcome. Expert speakers will look at the regulatory framework required to support increased renewable energy development as well as at other issues including planning and how the electricity grid needs to be developed to cope with increased renewable energy resources.

Although Minister Ryan has stated that the first priority for Ireland is to develop its onshore wind resources, offshore renewable energy technologies offer more scaleable opportunities. Offshore wind technology is now commercially developed and has the potential to make a significant contribution to Ireland's future energy needs, allowing Ireland to become an exporter of renewable energy.

Beyond 2020

The afternoon session of the summit will look at longer term developments. The summit comes fresh on the announcement, in September 2009, by Minister Eamon Ryan of support prices for new categories of renewable energy generated with the Renewable Energy Feed In Tariff (REFIT). The support scheme is designed to stimulate the growth of renewable energy in

Ireland. The scheme will last for 15 years will support newer technologies such as biomass; offshore wind and ocean (wave and tidal) energy developments.

The summit will look at the development of offshore renewable energy including offshore wind and marine renewable including wave and tidal technologies.

Networking opportunity

The Irish Renewable Energy Summit 2010 provides an excellent opportunity for all those with an interest in the development of renewable energy in Ireland to get together to discuss the issues facing the sector and the issues under consideration on the day. The day is structured to allow maximum scope for delegates to meet with each other, both within the formal conference sessions, and informally over coffee and lunch.

Who should attend?

The Renewable Energy Summit will be of interest to anyone involved with energy policy and the key issues facing the future of energy supply in Ireland. Renewable energy developers, energy companies, policy-makers and energy users should all find the Summit interesting and valuable. It will have most direct appeal to:

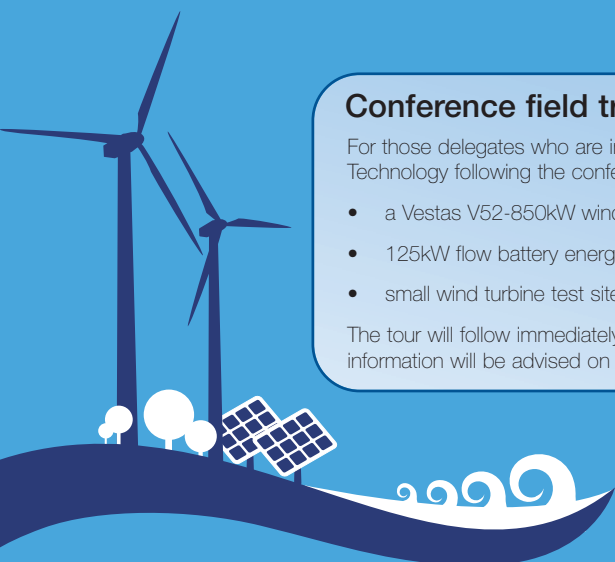
- Chief Executives/Managing Directors
- Project Developers
- Policy-makers/Regulators
- Financiers
- Energy Company Executives
- Planners
- Technical/Engineering Managers
- Economists
- Legal Advisors/Consultants
- Environmental Managers

Conference field trip

For those delegates who are interested, there will be the opportunity to visit Dundalk Institute of Technology following the conference, for a tour of their renewable energy facilities which include:

- a Vestas V52-850kW wind turbine
- 125kW flow battery energy storage unit (currently being installed)
- small wind turbine test site

The tour will follow immediately after the close of the conference, around 5.00pm. Further information will be advised on the day.



08.30 Registration & coffee

09.00 Looking to 2020: Meeting Ireland's renewable energy targets

Developing Ireland's renewable energy resource: Policies and priorities

Martin Finucane, Principal Officer, Sustainable and Renewable Energy Division
Department for Communications, Energy & Natural Resources

*Ireland's progress in working towards the renewable energy targets:
Electricity, heat and transport*

Katrina Polaski, Head of Low Carbon Technologies, Sustainable Energy Ireland

The regulatory regime for renewable energy

Cathy Mannion, Director Electricity Networks and Retail, Commission for Energy Regulation

10.15 Questions & answers followed by morning coffee / networking break

11.00 Overcoming the challenges to developing renewables

Securing project finance in the current economic climate

Jean-Christophe Chaline, Head of Lending Public Sector, European Investment Bank

Overcoming the obstacles to selling and financing RE projects

Ainsley Heffernan, Partner, Beauchamps Solicitors

The role of interconnection in developing renewable energy

Andrew Cooke, Director, Grid Development and Commercial, EirGrid

Designing the market to accommodate high levels of wind energy

Stephen Woodhouse, Director, Pöyry Energy Consulting

12.45 Questions & answers followed by conference lunch / networking break

14.00 Looking ahead to 2050: Developing renewable technologies

Chair: **Professor Owen Lewis**, Chief Executive Officer, Sustainable Energy Ireland

Exploring issues around the social acceptance of wind energy

Stefanie Huber, IEA Wind Task 28 on Social Acceptance

Case study: *Developing renewable technologies*

Larry Staudt, Director, Centre for Renewable Energy, Dundalk Institute of Technology

Renewable energy technology options for tomorrow

Matthew Knight, Business Development Manager, Siemens Energy

15.00 Questions & answers followed by afternoon coffee / networking break

Key issues for the development of Ireland's offshore wind

Séamus McCabe, Renewables Offshore Manager, SSE

The role of marine energy in meeting renewable energy targets

Martin McAdam, Chief Executive Officer, Aquamarine Power

Developing marine renewable technologies

Neil Kermodé, Managing Director, European Marine Energy Centre

Questions & answers / Panel discussion

16.45 Chairman's summary and conference close

speaker panel



Jean-Christophe Chaine is Head of Division for the Public Sector and Utilities in the Department for Lending Operations - Western Europe at the EIB - European Investment Bank. He is responsible for EIB's relationships with local authorities, regulatory utilities providers (water, energy, etc.) in UK, Ireland, France and Benelux. After a commercial banking experience with different banks in the City of London, Jean-Christophe joined the EIB in 1981.



Owen Lewis is Chief Executive Officer of Sustainable Energy Ireland. Professor Lewis is a long time proponent of sustainable energy practice in the built environment and was founder of the UCD Energy Research Group in 1975. Professor Lewis was elected Dean of Engineering and Architecture at UCD in 2001, a post he held for four years before becoming Principal of the UCD College of Engineering, Mathematical and Physical Sciences. More recently, Professor Lewis has been Bórd na Móna's Director for Innovation and R&D.



Andrew Cooke is EirGrid's Director, Grid Development and Commercial and is responsible for the planning, development and maintenance of the transmission grid. He also has responsibility for the design and implementation of transmission access and tariff arrangements, and for EirGrid's customer and regulatory relations. Andrew is an electrical engineer with over twenty-five years experience in the areas of transmission system operations and planning, and market design and regulation.



Cathy Mannion is Director of the Electricity Networks and Retail Division at the Commission for Energy Regulation. This division oversees the economic regulation and development of the electricity networks (transmission and distribution) as well as approving charges for access to the networks and resolving disputes in the area of network connections. The division is also responsible for developing policy in relation to network connection, with increased emphasis on connection of renewable generators.



Martin Finucane is Principal Officer in charge of the Sustainable and Renewable Energy Division in the Department of Communications, Energy and Natural Resources. He is responsible for the development and promotion of renewable energy policy and energy efficiency policy in Ireland.



Martin McAdam joined Aquamarine Power as its Chief Executive Officer in August 2008. Martin has spent over eight years in the renewable industry. Prior to joining Aquamarine Power, Martin was the founder and CEO of wind power developer and operator Airtricity's North American operations, which were purchased in 2007 by Eon for £0.75 billion. Before joining Airtricity, Martin held a number of technical and management roles in the utility sector.



Ainsley Heffernan is Partner and Head of the Renewable Energy Group at Beauchamps Solicitors. Over the past number of years he has built up a strong reputation advising on renewable energy projects and in particular on wind farm development. Ainsley and his team provide legal advice and assistance from the site acquisition stage right through to planning, financing and ultimate construction of the project. Ainsley has been recommended by Chambers Europe as a notable practitioner in the wind energy sector.



Seamus McCabe is SSE Renewables Offshore Manager for Ireland with responsibility towards developing offshore wind projects throughout the island's waters. Prior to joining the renewable industry he spent six years in the UK and France delivering offshore installation solutions for the subsea construction sector of the petroleum industry. Seamus is a trained geologist and holds an MSc in Engineering Geology from Imperial College London and an MBA from Trinity College Dublin.



Stefanie Huber works for the Operating Agent of the IEA Task 28 on Social Acceptance of Wind Energy where she is managing amongst others the State-of-the-Art Report. She has worked on renewables, energy policy and electro mobility as consultant for an international industrial company, for the electricity market and administrative bodies. She is actively engaged in sustainable politics in Switzerland.



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.



Neil Kermod was appointed in 2005 as Managing Director of the European Marine Energy Centre (EMEC) in Orkney. He has overseen the contractual filling of the test berths and is now overseeing the physical installation of the third wave and third tidal devices at the site. Before EMEC Neil worked as a project developer of a tidal scheme in Orkney following 6 years at the Environment Agency dealing with regulation and development issues, particularly relating to public participation in decisions on flooding, waste and water resources.



Larry Staudt 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 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. He has been Chief Executive of the Irish Wind Energy Association, a vice president of the European Wind Energy Association, and chairman of the Irish Renewable Energy Council. He currently is director of the Centre for Renewable Energy at Dundalk IT and lectures in the MSc in Renewable Energy Systems.



Matthew Knight is Business Development Manager for Siemens Transmission and Distribution Ltd. Matthew led Siemens entry into the market for offshore grid connections, winning the first three UK Round 2 projects. Previously Matthew was Operations Manager and established a team to design and build onshore grid substations. Matthew is a member of the UK Government Renewables Advisory Board grid group and the BWEA's offshore grid and offshore strategy groups.



Stephen Woodhouse is a Director with Pöry Energy Consulting. He is an expert on market reform, ranging from policy design to the implementation of systems and procedures for participants; the economics of transmission and interconnection and market regulatory policy; with a focus on the Irish electricity and gas markets. He led Pöry's multi-client project for GB and Ireland investigating the market implications of intermittent generation, and is working on other aspects of renewable integration including smart grid initiatives.

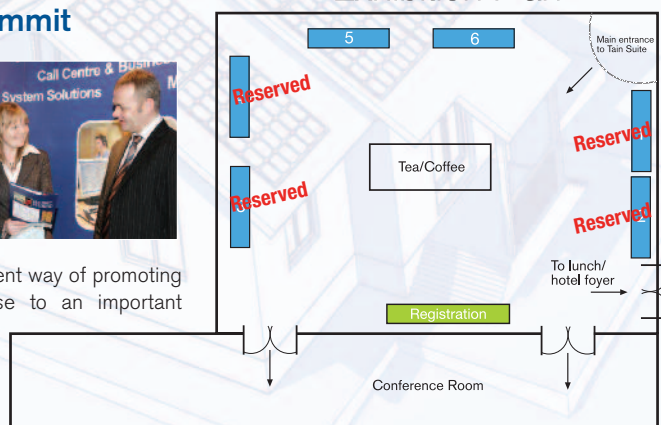
Exhibition opportunities at the Irish Renewable Energy Summit

There are a limited number of excellent opportunities to exhibit at the Irish Renewable Energy Summit. The Summit brings together the entire renewable energy community, along with the wider energy sector so the opportunity to make an impression on this key audience is not to be missed. A physical presence is an excellent way of promoting business development and highlighting expertise to an important stakeholder audience.



**For further information contact Sandra Dane, Energy Ireland:
Tel: +353 (0)1 661 3755.**

Exhibition Plan



Fairways Hotel, Dundalk

Not to scale

Registration and ordering form

I wish to:

Reserve _____ places at the conference

Conference delegate fee €245 +VAT@21% €296.45

Fee includes documentation, lunch and other refreshments served during the conference and is payable in advance. Fee does not include delegate accommodation or travel.

Receive conference documentation pack

Documentation Pack €125

Receive details of exhibition opportunities at the conference

Personal details

Name (Mr/Mrs/Miss/Ms/Dr): _____

Job title: _____ Organisation: _____

Address: _____

Postcode: _____

Telephone: _____ Fax: _____

Email: _____

Payment options

I enclose a cheque for € _____ (Payable to 'bmf Business Services')

Please invoice me

Please debit my Visa / Access / Mastercard / AMEX

Card Number

Expiry date /

Name of cardholder: _____

Signature: _____

Cancellations / Substitutions

For those unable to attend, a substitute delegate may be sent at any time for no additional charge. Alternatively a refund will be given for cancellations received in writing, by fax or letter, up to 14 days prior to the conference, less an administration charge of 25%. Regrettably no refunds can be made after that date.

Other ways to book...



By telephone

+353 (0)1 661 3755



By fax

+353 (0)1 661 3786



By post

bmf Business Services
Clifton House
Lower Fitzwilliam Street
Dublin 2



Online

www.energyireland.ie



By email

bookings@energyireland.ie

Who should attend?

The Irish Renewable Energy Summit will be of interest to anyone involved with energy policy and the key issues facing the future of energy supply in Ireland. Renewable energy developers, energy companies, policy-makers and energy users should all find the Summit interesting and valuable. It will be of particular interest to:

- Energy sector executives
- Government departments and agencies
- Policy-makers
- Regulators
- Economists
- Renewable energy developers
- Large energy users
- Energy agencies
- Environmental managers / consultants
- Legal and financial advisors
- Technical consultants

Benefits of attending

Delegates will gain an understanding of:

- The government's energy policy priorities;
- Market design to accommodate renewables;
- The regulatory framework for RE;
- The challenges of integrating RE to the grid;
- The financing challenges around developing RE;
- The role of interconnection.



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