Irish Renewable Energy Summit 2022

Climate action and renewable energy: the decade of delivery

WEDNESDAY 16TH FEBRUARY 2022 • CROKE PARK, DUBLIN / ONLINE



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"Ireland remains heavily reliant on fossil fuel. We must radically reduce this dependence and make the transition to cleaner, indigenous renewable energy. Increased renewable energy will insulate Ireland from the volatility of international gas and carbon prices, which are near an all-time high."

— Minister Eamon Ryan TD

Irish Renewable Energy Summit 2022

The major annual conference for the Irish renewables sector

Renewable energy is central to the Government's climate action ambitions. The current Programme for Government has set out specific targets and actions and renewable energy is also central to the Climate Action Plan 2021. Ireland's renewable energy ambition includes the following actions by 2030:

- > 80% electricity from renewable sources
- Develop at least 500MW of renewables through local communitybased projects
- > Bring onstream 8GW onshore and 5GW of offshore wind energy
- ➤ Deliver 1.5-2.5GW solar PV
- ➤ Install 600,000 heat pumps in residential buildings
- > Deploy zero-carbon heating in 50,000 commercial buildings
- > Increase the fleet of EVs and LEVs on the road to 945,000
- > Raise the blend of biofuels to B20 in diesel and E10 in petrol

In order to achieve the ambition set out in CAP21 there will be the need to develop a range of renewables, and supporting technologies including solar, bioenergy, green hydrogen, interconnectors and storage. It will also entail using renewable sources across electricity, heat and transport and this will be reflected in the summit programme.

The Renewable Energy Summit will provide a valuable opportunity to bring together the key stakeholders from across the energy sector, and those who interact with the energy sector to discuss how the contribution from renewable energy can be maximised and implemented most effectively. The objective is to create a genuine in-depth understanding of the alternative paths open to Ireland in increasing the contribution from renewable energy.

This is why you need to be at the Irish Renewable Energy Summit 2022

Key themes covered:

- European renewable energy policy developments
- Pathways to 80% renewable electricity by 2030
- Meeting Ireland's offshore wind energy targets
- How do we get flexibility in the electricity system to deliver 80% renewables?
- Decarbonising Ireland's gas network
- Renewable fuels in transport
- Power-to-X and energy storage
- Planning and community engagement
- Future role for green hydrogen







Benefits of attending:

- Discuss the role of renewables in the energy transition
- Hear directly from developers of renewable energy
- Learn about innovative projects being implemented
- Network with other professionals across the renewable energy sector

200+ attendees: Who you can expect to meet

The summit is attended by senior managers and decision-makers in the renewable energy sector. Delegates come from right across the sector and the wider energy community with a contingent from overseas. Delegates will include:

- Chief Executives, directors and senior managers in the energy sector
- Policy makers and regulators
- Renewable energy developers
- Engineering and technical consultants
- Legal and financial advisors
- Planning and environmental professionals
- Equipment suppliers
- Large energy users

The Renewable Energy Summit will provide a valuable opportunity to bring together the key stakeholders from across the energy sector, and those who interact with the energy sector to discuss how the contribution from renewable energy can be maximised and implemented most effectively.

The objective is to create a genuine in-depth understanding of the alternative paths open to Ireland in increasing the contribution from renewable energy.



Conference plenary

09:00 Chair's welcome and introduction

David Kelly, Director of Customer and Business Development

Gas Networks Ireland

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MINISTERIAL ADDRESS:

Renewable energy: Delivering Ireland's climate ambition

Eamon Ryan TD

Minister for Environment, Climate and Communications

The role of renewable energy in decarbonising Europe's economy

Catharina Sikow-Magny, Director, Green transition and Energy System

Integration, European Commission

Meeting the challenge of decarbonising Ireland's home and business heating

William Walsh, Chief Executive Officer

Sustainable Energy Authority of Ireland

Achieving Ireland's offshore wind ambitions

Maria Ryan, Director of Development, SSE Renewables

QUESTION & ANSWER SESSION • PANEL DISCUSSION

10:45 COMFORT BREAK

11:15 Future electricity grid and integration of renewables

Peter Lantry, Country Managing Director, Ireland and Global Data Centre Lead, **Hitachi Energy**

Energy regulatory outlook: Decarbonising and securing Ireland's energy supply

Jim Gannon, Commissioner, Commission for Regulation of Utilities

Decarbonising the gas network: Renewable gas and green hydrogen

David Kelly, Director of Customer and Business Development

Gas Networks Ireland

Power-to-X and renewable energy storage

Dr James Carton, Assistant Professor in Energy Sustainability

and Hydrogen, **Dublin City University**

QUESTION & ANSWER SESSION • PANEL DISCUSSION

13:00 LUNCH BREAK













Afternoon session

14:00 Chair's welcome and introduction

Margie McCarthy, Director of Research and Policy Insights
Sustainable Energy Authority of Ireland

Flexibility: The enabler for a renewable energy future

Carolina Vereda Gorgé, Regulation Expert

Endesa

PANEL DISCUSSION:

Flexibility and achieving 80% renewable electricity by 2030

Niall Goo Wind En

Niall Goodwin, Head of Policy Wind Energy Ireland



Ellen Diskin, Head of the National Network, Local Connections Programme **ESB Networks**

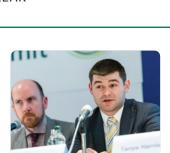


Siobhán McHugh, Chief Executive Officer
The Demand Response Association of Ireland



Carolina Vereda Gorgé, Regulation Expert Endesa

15:00 COMFORT BREAK









15:15 Offshore wind projects: Engaging communities

Dr Claire Haggett, Senior Lecturer

Edinburgh University

Engaging with communities: Lessons learnt

Maeve O'Callaghan, Senior Operations Manager

Elgin Energy

QUESTION & ANSWER SESSION • PANEL DISCUSSION

16:00 CHAIR'S CONCLUDING REMARKS AND CONFERENCE CLOSE

ACHIEVING IRELAND'S CLIMATE AMBITION



Ministerial address

Eamon Ryan TD

Minister for Environment,

Climate and Communications

RENEWABLE ENERGY SUMMIT 2022



Projections to 2030

William Walsh
CEO
Sustainable Energy Authority
of Ireland



Decarbonising Europe's economy

Catharina Sikow-Magny
Director of Internal Energy Market
Directorate-General for Energy,
European Commission

Renewable gas and green hydrogen

David Kelly
Director of Customer and
Business Development
Gas Networks Ireland



Ireland's offshore wind ambition

Maria Ryan
Director of Development
SSE Renewables



Speaker profiles

Dr James CartonAssistant Professor,
Energy Sustainability & Hydrogen **Dublin City University**

Dr James Carton is an Assistant Professor in Energy Sustainability & Hydrogen at Dublin City University. He is also the Co Founder of Hydrogen Mobility Ireland and Chair of Hydrogen Ireland Association. James is part of the United Nations-Economic Commission for Europe Taskforce Expert in Hydrogen.



Ellen Diskin is responsible for leading ESB Networks' National Network, Local Connections Programme, to deliver the operational systems, market design, and organisational capabilities critically needed to achieve renewables penetrations of 80% and above on the Irish electricity system. This project will introduce new products and services to increase system security, renewables' penetration, community, and market participation in Ireland. Previously, as PR5 Manager, Ellen was responsible for leading the development of ESB Networks' investment plan for 2021-2025 ("PR5"), for approval by the CRU. She has over 10 years' experience in the energy industry, working in operations, R&D, regulation, and investment planning. Prior to this, Ellen worked in the telecommunications sector.

Jim Gannon
Commissioner
Commission for Regulation of Utilities
Jim Gannon was appointed as a Commission

Jim Gannon was appointed as a Commissioner at the Commission for Regulation of Utilities (CRU) in October

2019. His lead responsibilities in the CRU include Electricity and Operations. Jim was formerly Chief Executive of Sustainable Energy Authority of Ireland and previous to that he was Director at RPS Group, leading the Energy, Environment and Health and Safety functions, with a core focus on the energy sector throughout his career.



Niall Goodwin
Head of Policy
Wind Energy Ireland

Niall Goodwin is Head of Policy at Wind Energy Ireland, the country's largest renewable energy organisation with

more than 150 members who have come together to plan, build, operate and support the development of Ireland's onshore and offshore wind generation. Before joining WEI, Niall spent most of his career to date working on climate and energy policy at EU-level, both for Brussels-based renewable energy industry associations, and as a policy adviser in the European Parliament.



Dr Claire HaggettSenior Lecturer **University of Edinburgh**

Dr Claire Haggett is a Senior Lecturer in the School of Social and Political Science at the University of Edinburgh.

For the last 20 years, she has conducted research on public responses to renewable energy developments, focusing on community engagement, community benefits, and the role of social and environmental assessment. Claire has recently led a series of research projects for the Scottish Government on communities and offshore energy, and is the author of a number of widely cited publications on these topics.



David Kelly
Director of Customer and Business Development
Gas Networks Ireland

David Kelly is Director of Customer and Business Development with Gas Networks Ireland (GNI). GNI owns,

builds and maintains the natural gas network in Ireland and connects all customers to the gas network. The gas network is a €2.6BN asset which is owned by the people of Ireland and it plays a vital role in Ireland's energy system. The gas network delivers 30% of Ireland's primary energy needs, serving homes, businesses and electricity generation. Over half of Ireland's electricity is generated using natural gas. It is operated safely, and it provides energy security for the country. GNI's vision is to have a net zero gas network by 2050 and is taking steps to transport renewable gases such as biomethane and hydrogen. It is also actively rolling out infrastructure to support Compressed Natural Gas in transport. David has over twenty years of executive-level experience having worked extensively in both the private and public sectors over his career.





Peter Lantry
Country Managing Director, Ireland
and Global Data Centre Lead
Hitachi Energy

Peter Lantry is Managing Director for Hitachi Energy in Ireland and global sales lead for data centres. Prior to joining Hitachi Energy in 2021 Peter spent over 17 years at EirGrid where his most recent role was Head of Interconnection. Peter's early career was spent in consultancy for PWC, IBM and Arup. Peter is a graduate of University College Dublin, holding an Executive MBA, a BSc in Business Analytics and a B Eng in Civil Engineering.

Speaker profiles



Siobhán McHugh
Chief Executive Officer
The Demand Response Association of Ireland

Siobhán McHugh is Chief Executive Officer of the Demand Response Association of Ireland, representing 600MW of

demand and embedded generation response operating in the energy, capacity and DS3 (system services) markets on the island of Ireland. Siobhán has over 15 years' energy sector experience, having worked for Aryzta, the Commission for Regulation of Utilities, the Single Electricity Market Operator and EirGrid. Most recently, she worked for management consultants EY, focused on energy strategy, transformation, and major programme delivery.



Eamon Ryan TD
Minister for Environment, Climate and
Communications

Eamon Ryan TD is the Minister for Environment, Climate and Communications. He was appointed to this role in

June 2020. Eamon Ryan was elected to represent Dublin Bay South in the 2020 general election. He was born in Dublin and raised in Dundrum and Dartry. He studied commerce in UCD before taking a job managing a marketing course in the university's School of Business. He went on to found a cycling tourism company, Irish Cycling Safaris, in the late 1980s and in 1996 won the Ernst & Young Entrepreneur of the Year award. He was the founding chairperson of the Dublin Cycling Campaign and began his political career as a Dublin City Councillor for the Rathgar-Rathmines ward. He then went on to serve both as a TD for Dublin South and as a Government Minister for Communications, Energy and Natural Resources. In recent years he has worked for a European climate organisation and chaired the digital policy group in the Institute of International and European Affairs. He is currently leader of the Green Party/Comhaontas Glas.







Maria Ryan
Director of Development
SSE Renewables

Maria Ryan is Director of Development for the UK and Ireland at SSE Renewables, the leading developer, owner

and operator of renewable energy across the UK and Ireland. The business is part of the FTSE-listed SSE plc which recently unveiled an ambitious £12.5bn (net) capital investment plan over the next five years to accelerate progress towards net zero. Maria has responsibility for a development pipeline of 8GW of onshore wind, offshore wind and hydro across the UK and Ireland. The plans for SSE Renewables include an increase of 4GW of installed capacity (net) over the 5 years to 2026, doubling installed renewables capacity to 8GW (net). Maria has extensive experience having worked in the renewable energy industry for 18 years, holding portfolio management roles across SSE Renewables, Mainstream Renewable Power and Airtricity. Maria is a chartered engineer and a graduate of Mechanical Engineering from University College Dublin (UCD) with an MSc from UCD.



Catharina Sikow-Magny
Director of Internal Energy Market
Directorate-General for Energy, European
Commission

Catharina Sikow-Magny joined the European Commission in 1997 and is currently the Director responsible for Green Transition and Energy System Integration in the Directorate General for Energy. Before that, she was the Head of Unit in charge of Consumers, Local Initiatives, Just Transition. Before that she was the Head of Unit responsible for Networks and Regional Initiatives. She has as well worked on international transport, trans-European network policy and financing, internalisation of external costs, and strategic policy research. Before joining the Commission, Catharina was a team leader and chief economist in the private sector in Finland. She has also worked for the United Nations Development Programme in Port-au-Prince, Haiti. She holds a Master of Economics degree from the Aalto University, Finland.Carolina Vereda works for Endesa in the regulatory affairs department since 2013. She is engaged in different topics such as flexibility markets, aggregation models, DSO retribution, network development plans and customers.



Carolina Vereda Gorgé Regulation Expert Endesa

Carolina is involved in many Brussels activities related to DSO business. In 2018, she was elected Chair of the WG

Business Models and Networks Customers at Eurelectric and currently she is co-chairing the WG Regulation and Network Customers. She also takes part of the joint TF Demand side flexibility in charge of developing the scope of the upcoming NC on flexibility. Before that and for 3 years, she worked for Eurelectric as Policy Adviser for DSO related issues. She holds an industrial engineering degree and in 2020 she was selected by World Energy Council as part of the Future Energy Leaders program.



William Walsh
Chief Executive Officer
Sustainable Energy Authority of Ireland

William Walsh is Chief Executive Officer in Sustainable Energy Authority of Ireland, having previously held the

position of both Chief Operations Officer and Chief Financial Officer. William joined SEAI in 2013. Prior to joining SEAI he worked for IFI where he held a number of roles including Assistant Chief Executive Officer and Director. Prior to that he held senior management positions in the private sector. William is a Chartered Accountant, holds a Bachelor of Business Studies from Dublin City University and a Graduate Diploma in Strategy, Innovation and Change from UCD.



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Acknowledgement of registration

Confirmation of registration will be emailed to all delegates following receipt of registration details. If you have not received your acknowledgement within 48 hours of registering, please contact Ashley Green at ashley.green@energyireland.ie to confirm your booking.

Terms and conditions

- Once booked places may not be cancelled and failure to attend requires full payment.
- If you are unable to attend, you can send a substitute participant instead, at no additional charge. Information about substitute attendees must be sent before conference date.
- Conference fees includes entry for one person per ticket.
- Confirmation of registration will be sent to all delegates. If you have not received your acknowledgement within 48 hours of submitting your registration, please contact registration@bmfbusinessservices.com.
- By agreeing to our terms and conditions this booking creates legally binding obligations for both parties, irrespective of attendance on the day.
- Whether you are planning to attend from the office or from home, make sure you are not behind a firewall, or open the necessary ports if you are. Update your Web Browser, you need the latest version of Chrome, Firefox, Safari, Edge, or Opera.
- We do not recommend viewing on Internet Explorer 11; as Microsoft no longer supports or updates it.
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