



ENERGY IRELAND[®] 2022

Ireland's decade of delivery

29-30 June 2022



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Ireland's decade of delivery

The current decade is crucial in Ireland's transition to a low carbon energy future. Climate action has gained an urgency in the public consciousness and is now a political priority. With the publication of the Government's Climate Action plan in late 2021, the energy sector will do the heavy lifting in Ireland's decarbonisation to net zero by 2050. This will see an acceleration in the development of renewable energy and the electrification of the heat and transport sectors. This year has also seen a dramatic rise in natural gas prices with the Russian invasion of Ukraine and the security of supply of Ireland's electricity grid has come under the spotlight. This comes against a backdrop of a fast growing economy that is rebounding from the pandemic. Energy Ireland 2022 will bring together all the key stakeholders in the Irish energy sector to discuss and debate the key drivers of the energy transition and the current energy price crunch. It will look forward to the developments for this crucial decade and examine the deployment of developing technologies such as energy storage and green hydrogen.



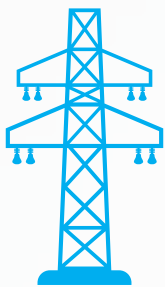


Welcome to Energy Ireland® 2022. We are pleased to bring you the full programme for what we anticipate will be the best attended and most engaging Energy Ireland conference to date. With the Russian invasion of Ukraine, Europe's – and Ireland's – energy security has come sharply into focus. With the climate emergency driving Ireland's decarbonisation agenda, the energy sector is undergoing a fundamental move away from fossil fuels. The current Ukrainian crisis will only accelerate this trend and the building blocks of the transition will be discussed in detail over the two days of the conference.

Book your place at Energy Ireland® 2022 now to ensure that your organisation benefits from the insight of our expert panel of speakers as it discusses the impacts of the latest sectoral developments and new policy direction. The conference also offers an opportunity to once again network with industry colleagues and establish new relationships. We look forward to seeing you on 29 and 30 June.

Key themes for the 2022 conference

- ✓ Geopolitical context to the energy transition
- ✓ Improving Ireland's energy security
- ✓ Developing Ireland's offshore wind energy resources
- ✓ Future electricity system development
- ✓ Decarbonising Ireland's gas network
- ✓ Role of renewable energy technologies in the energy transition
- ✓ Importance of digital networks in Ireland's energy future
- ✓ Ireland's future hydrogen economy



Ireland's largest annual energy conference

Energy Ireland® is the largest and most established energy conference on the island of Ireland. It is attended annually by all the key stakeholders in the Irish energy sector, as well as global players who require an insight into its evolution and growth.

Each year, the conference examines the latest developments in the Irish energy sector by way of an expert panel of speakers, including local industry leaders, policymakers, and regulators. In addition, the conference regularly attracts prestigious international speakers who provide wider European and global perspectives. Energy Ireland® is firmly marked in the calendar of anyone aspiring to stay up to date with the latest developments across the Irish energy industry.

Follow us on twitter @energyireland for conference updates.

10 reasons you should book your place now!

1. Ireland's major annual energy conference is attended by all key stakeholders.
2. Listen to Ireland's energy minister.
3. Hear Ireland's energy leaders in dialogue.
4. High profile international experts provide their perspective.
5. In-depth policy briefings.
6. One-stop-shop for the Irish energy sector's latest developments.
7. Network with over 300 delegates across two days.
8. Regular opportunities to engage in Q&A.
9. Access to high level presentations after the conference.
10. Complimentary copy of the Energy Ireland Yearbook 2022.

Energy Ireland programme overview: Plenary and parallel sessions



Decade of delivery

The opening session at this year's conference will look at the strategic issues impacting on Ireland's energy sector. The current decade is crucial in Ireland's transition to a local carbon energy future. Climate action has gained an urgency in the public consciousness and is now a political priority. With the publication of the Government's Climate Action plan in late 2021, the energy sector will do the heavy lifting in Ireland's decarbonisation to net zero in 2050.

The new energy landscape

This year has also seen a dramatic rise in natural gas prices globally and Ireland's security of energy supply has come under the spotlight. This comes against a backdrop of a fast-growing economy that is rebounding from the pandemic. The session will look at the drivers of the energy transition and Ireland's energy security.

Delivering the energy transition

The Climate Action Plan and energy policies have set Ireland's ambitions, and this then translates into key elements for delivery, including the financing of those ambitions. The electricity grid will be central to delivering a net zero energy sector, as will developments in energy markets. This session will also look at external factors such as the UK's new energy policy and how phasing out Russian gas in Europe will impact on Ireland's climate action.

Sustainable heat

SEAI's National Heat Study stresses the urgency of immediate action in the heating and cooling sector to deliver climate targets and shows Ireland's excessive dependence on fossil fuels for heating and cooling. This session will look at the role of district heating and renewable gas in decarbonising heat. It will also look at the decarbonisation of industrial high-grade heat.

Offshore wind energy

Ireland has a target of 5GW of offshore wind energy by 2030 and has a dedicated phase of its RESS scheme for offshore wind projects. Most of these first 5 GW will be bottom-fixed offshore wind of the east coast. Beyond 2030 the Government wants Ireland to have a massive 35 GW of offshore wind by 2050, and this would require significant volumes of floating offshore wind in the deeper waters off the south and west coasts. This session will look at the necessary planning and regulatory frameworks that will underpin these projects. It will also look at the experience in the UK who are leaders in offshore wind energy development.

Future electricity network and market

Electricity has led the way in decarbonising the energy sector and will play a key role in decarbonising both the heat and transport sectors. The Covid-19 pandemic gave us a glimpse of what a future electricity network might look like and the technologies behind that transition. Key tools such as demand side management and energy storage will facilitate the high levels of intermittent renewable electricity sources on the system.

Ireland's hydrogen economy

The closing plenary session of the conference will look at the future potential for green hydrogen in Ireland. With its abundant renewable energy resources, particularly wind energy, hydrogen offers Ireland the opportunity to not only decarbonise its economy but to become an energy exporter. The session will include Ireland's strategic pathway to developing green hydrogen and will include the use of hydrogen storage that will allow higher levels of intermittent wind energy onto the system.



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Visiting experts for 2022



Ditte Juul Jørgensen, Director General for Energy of the European Commission

Ditte Juul Jørgensen took up the position of Director General for Energy of the European Commission (DG ENER) in August 2019. She joined DG ENER from a position as Head of Cabinet for Competition Commissioner Margrethe Vestager. Mrs. Juul-Jørgensen has 27 years of experience in the European Commission. Before serving as Head of Cabinet, she was Director of Legal Affairs and Trade in Goods in the Commission's Directorate-General for Trade at the World Trade Organization, where she managed European Union policy and negotiations at the WTO and involvement in dispute settlement and trade in goods. Prior to her appointment as Director, she served as Head of Unit and Acting Director for dispute settlement and legal issues, as well as Head of Unit for Trade and Sustainable Development and Sanitary and Phyto-Sanitary Issues. Her previous experience includes a posting as Head of the Economic Section of the EU Delegation to the United Nations in New York and work at the European Court of Justice and European Commission Directorate-General for Competition.



Dr. Katja Yafimava, Senior Research Fellow, The Oxford Institute for Energy Studies

Dr. Katja Yafimava is a Senior Research Fellow at the Oxford Institute for Energy Studies. She holds a D.Phil. in Geography and an M.Phil. in Russian and East European Studies from Oxford University. Dr. Yafimava has been an expert at the UNECE Group of Experts on Gas since January 2015 and was an expert at the EU-Russia Gas Advisory Council during 2012-16. She has also written for Carnegie Moscow Center, German Institute for International and Security Affairs (SWP) and Italian Institute of International Affairs (IIA) as well as commented for various international media.



Charles Wood, Deputy Director, Energy UK

Charles Wood is Deputy Director of Policy at Energy UK. Focussing on Energy Systems, Charles leads work on the modernisation and integration of energy systems across the net zero transition, coordinating Energy UK's policy focus on decarbonising heat and transport, and the development of a smart flexible net-zero energy system. This includes engaging with developing energy service business models, flexible technologies, energy applications for data and digitalisation, and the reform of institutional governance arrangements across the energy sector. Before joining Energy UK in 2016, Charles worked in the transport and technology sectors.



Cillian O'Donoghue, Policy Director, Eurelectric

Cillian O'Donoghue will join Eurelectric as the new Policy Director in May 2022. With a professional background in journalism, Cillian has over 10 years of experience in EU energy and climate legislation, with proven expertise around the EU Emissions Trading System, EU State Aid frameworks and industrial electrification. He joins Eurelectric after serving as Director Climate & Energy of Eurometaux for over five years. Prior to Eurometaux, Cillian was senior account manager in the Climate and Energy Practice of Fleishman Hillard. Cillian holds a law degree from Dublin City University, a master's degree in International Relations and European Studies from the Central European University in Budapest and a master's degree in International Economics and Political Systems from Charles University in Prague.



Malcolm Keay, Senior Research Fellow, The Oxford Institute for Energy Studies

Malcolm Keay joined the Oxford Institute of Energy Studies in January 2005. His career has ranged widely across the energy scene, including roles in: the public sector, as director of energy policy at the UK DTI (1996–1999) and division head at the International Energy Agency; the private sector, as senior managing consultant at Oxera; and the non-profit sector, working at Chatham House and the World Coal Institute. He has acted as an adviser for many energy studies, including as special adviser to a House of Lords committee inquiry into energy security in Europe, and director of the energy and climate change study for the World Energy Council.

Hear the latest from Irish industry leaders



Paddy Hayes

Chief Executive
ESB



William Walsh

Chief Executive Officer
**Sustainable Energy
Authority of Ireland**



Aoife MacEvilly

Chairperson
**Commission for
Regulation of Utilities**



Stephen Wheeler

Managing Director
SSE Renewables



Dave Kirwan

Managing Director
Bord Gáis Energy



Cathal Marley

Group Chief Executive
Officer, **Ervia**



Mark Foley

Group Chief Executive
EirGrid



Donna Gartland

Chief Executive Officer
**Codema—Dublin's
Energy Agency**



**Brian Ó
Gallachóir**

Director, **MaREI Centre**,
University College Cork



Siobhán McHugh

Chief Executive Officer
**Demand Response
Association of Ireland**

Day 1: Wednesday 29th June 2022

09.00 Chair's welcome and introduction:
Tanya Harrington, Renewable Energy Ireland



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#EnergyIreland

09.05 IRELAND'S ENERGY FUTURE

MINISTERIAL ADDRESS: Eamon Ryan TD
Minister for Environment, Climate and Communications



Energy priorities of the European Commission
Ditte Juul Jørgensen, Director General for Energy, European Commission

A regulatory framework for Ireland's energy transition
Aoife MacEvilly, Chairperson, Commission for Regulation of Utilities

Creating a cleaner energy future for Ireland
William Walsh, Chief Executive Officer, Sustainable Energy Authority of Ireland

Driven to make a difference: Net zero by 2040
Paddy Hayes, Chief Executive, ESB

Question & answer session / Panel discussion

11.00 COFFEE/ EXHIBITION NETWORKING BREAK

11.30 THE NEW ENERGY LANDSCAPE

Chair: **Tanya Harrington, Renewable Energy Ireland**



The potential impact of the disruption in Russian gas supplies to Europe

Katja Yafimava, Senior Research Fellow, Oxford Institute for Energy Studies

PANEL DISCUSSION: SECURING IRELAND'S SUSTAINABLE ENERGY FUTURE



Tanya Harrington
Chairperson
Renewable Energy
Ireland



Katja Yafimava
Senior Research
Fellow, Oxford
Institute for Energy
Studies



Dave Kirwan
Managing Director
Bord Gáis Energy



Cathal Marley
Group Chief Executive
Officer, Ervia



Stephen Wheeler
Managing Director
SSE Renewables

13.00 LUNCH BREAK

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14.00 DELIVERING IRELAND'S ENERGY TRANSITION

Chair: Owen Lewis, Energy Institute

Shaping our electricity future
Mark Foley, Group Chief Executive, EirGrid

Energy market developments to support Ireland's energy transition
Niamh McGovern, Partner, Arthur Cox

Intelligent energy for a sustainable future
Senior representative, Microsoft

Question & answer session / Panel discussion

Day 1: Wednesday 29th June 2022

15.15 COFFEE/ EXHIBITION NETWORKING BREAK

15.45 DELIVERING IRELAND'S ENERGY TRANSITION

Chair: Owen Lewis, Energy Institute

Aligning Ireland's climate action with the phase out of Russian gas
Brian Ó Gallachóir, Director, MaREI Centre, **University College Cork**

Financing Ireland's Energy Transition
Ciarán Flynn, Debt Advisory Director, **Goodbody**

UK energy policy outlook: an industry perspective
Charles Wood, Deputy Director, **Energy UK**

Question & answer session / Panel discussion

17.00 ENERGY IRELAND DRINKS RECEPTION

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Day 2: Thursday 30th June 2022

09.00 SUSTAINABLE HEAT

CHAIR: Úna Nic Giolla Choille

National Heat Study: Options for heating and cooling homes, businesses and industry
Margie McCarthy, Director of Research and Policy Insights, **Sustainable Energy Authority of Ireland**

Developing district heating in Ireland
Donna Gartland, Chief Executive Officer
Codema — Dublin's Energy Agency

Renewable gas: Decarbonising Ireland's gas network
David Kelly, Director of Development and Business Development, **Gas Networks Ireland**

Decarbonisation of industrial high-grade heat
David Connolly, Chief Technology Officer
Astatine

Question & answer session / Panel discussion

09.00 DEVELOPING IRELAND'S OFFSHORE WIND RESOURCES

Developing Ireland's offshore wind resources

Anne-Marie Clancy, Principal Officer
Department of the Environment, Climate and Communications

A regulatory framework for offshore wind projects

Richard Murphy, Partner, **Pinsent Masons**

Achieving 5GW of offshore wind by 2030

Maria Ryan, Director of Development
SSE Renewables

Question & answer session / Panel discussion

10.30 COFFEE/ EXHIBITION NETWORKING BREAK

Day 2: Thursday 30th June 2022

11.00 **ELECTRICITY NETWORK AND MARKET DEVELOPMENT**

CHAIR: Úna Nic Giolla Choille

Covid-19 pandemic: Glimpses of the future electricity system?

Malcolm Keay, Senior Research Fellow, **Oxford Institute for Energy Studies**

Energy networks for a cleaner future

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

A framework for electricity in 2030

Cillian O'Donoghue, Head of Policy, **Eurelectric**

The missing link: Long-term energy storage

Andy Kelly, Director, **AFRY**

Demand side management

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

Question & answer session / Panel discussion

13.00 LUNCH AND EXHIBITION NETWORKING BREAK

14.00 **FUTURE ENERGY: IRELAND'S HYDROGEN ECONOMY**

CHAIR: Rory Monaghan, Senior Lecturer, **NUI Galway**

Developing Ireland's hydrogen economy

Rory Monaghan, Senior Lecturer, **NUI Galway**

Towards a hydrogen strategy for Ireland

John Finnegan, Principal Officer, **Department of the Environment, Climate and Communications**

Key enablers for net zero – Energy Storage and Hydrogen

Meadhbh Connolly, Innovation Manager, **ESB Generation & Trading**

The role of hydrogen storage in decarbonising Ireland's energy

John O'Sullivan, Chief Operating Officer, **dCarbonX**

Green hydrogen: Ireland's energy export opportunity

Catherine Sheridan, Chief Operating Officer, **El-H2 and German-Irish Hydrogen Council**

Question & answer session / Panel discussion

16.00 **ENERGY IRELAND CONFERENCE CLOSE**





Anne-Marie Clancy is the Principal Officer leading the Offshore Energy Long-Term Strategic Planning Division at the **Department of the Environment, Climate and Communications**.

She is responsible for the development of offshore renewable energy policy, in particular the long-term regulatory framework. Anne-Marie has worked in the energy area since 2014 developing policy in electricity regulation and strategic energy policy. Anne-Marie is a graduate of the University of Limerick and the Honorable Society of King's Inns.



Dr David Connolly is Chief Technology Officer with **Astatine**, who offer turnkey solutions for large industrial users who wish to decarbonise their heat, using high-temperature heat pumps (up to 200°C), and electricity,

using onsite solar PV or offsite Corporate PPA contracts. David is also Chairperson of the Irish District Energy Association which represents the district heating and cooling industry across the island of Ireland. Previously, David was CEO of Wind Energy Ireland which is Ireland's largest renewable energy association and before that, David was an Associate Professor in Energy Planning at Aalborg University in Copenhagen, Denmark, where his research focused on the design and assessment of 100% renewable energy systems for electricity, heat, and transport. www.dconnolly.net.



Meadhbh Connolly is the Innovation Manager in **ESB Generation & Trading**, responsible for leading innovation activities and R&D demonstration projects. She has a particular focus on the role of renewable H2 in delivering "Net Zero 2040", a core part of ESB's new Strategy. Meadhbh has almost 30 years' experience working in a wide range of roles within ESB Generation & Trading, ESB National Grid and ESB International. She holds a BE and a PhD in Engineering from University College Dublin.



Mark Foley joined **EirGrid** as Group Chief Executive in June 2018, having held the role of Managing Director of Land Solutions in Coillte since January 2016. Prior to that, Mark was Managing Director of Coillte Enterprise where he led the development of new businesses in renewable energy, telecommunications, land development and land sales. Before that, from November 2000 to August 2008, Mark was Director of Capital Programmes at Dublin Airport Authority. In this role he was responsible for master planning, permitting, planning and delivery of c. €1.5 billion in airport infrastructure at Dublin, Shannon and Cork airports. Prior to that Mark held a number of senior executive roles with multinationals in the Speciality Chemicals and Electronics sectors.



John Finnegan is a Principal Officer in the **Department of the Environment, Climate and Communications**. He works in the Energy Division of the Department and is responsible

for Energy Networks and Systems, including the development of an integrated hydrogen strategy. John's function is also responsible for policy oversight of the electricity grid and related issues such as storage policy and planning future reinforcement of the network. He has a background in finance and economics and was an economic consultant on infrastructure issues before joining the Civil Service.



Donna Gartland is CEO at **Codema — Dublin's Energy Agency**, a not-for-profit public good company established in 1997. She is responsible for driving Codema's mission to

accelerate Dublin's low-carbon transition through innovative, local-level energy and climate mitigation research, planning, engagement and project delivery, in order to mitigate the effects of climate change and improve the lives of the people of Dublin. Donna has been driving the development of District Heating in Ireland for the past 8 years, and is part of the Tallaght and Dublin Docklands District Heating Schemes project teams. She is a Director at the Irish District Energy Association and at HeatWorks - Ireland's first not-for-profit energy utility. She sits on the board of Renewable Energy Ireland, is appointed to DECC's District Heating Steering Group, and is a member of the Women in Energy Ireland steering group.



Dr Tanya Harrington is the Chairperson of **Renewable Energy Ireland**. Tanya is a public policy and regulatory affairs professional with over 20 years' experience in helping

organisations drive the effectiveness and performance of their policy-focused teams. Tanya currently serves as An Post's Chief Regulatory Affairs Officer, leading the development of the Company's comprehensive and integrated regulatory strategy and leading An Post's engagement with government and regulatory authorities and stakeholders at international, European and domestic levels. Before joining An Post, Tanya spent six years in consultancy, advising a range of Ireland's largest companies on matters of public policy, government affairs and economic regulation across a range of economically regulated sectors.



Paddy Hayes is Chief Executive of **ESB**, a leading Irish energy company operating throughout Ireland and the UK. ESB aims to create a brighter, low-carbon, future for the customers and

communities it serves, investing in technologies, infrastructure and services to support the clean energy transition. Before his appointment as Chief Executive in 2021, Paddy headed up two of ESB's main operating divisions as Executive Director of ESB's Generation and Trading business and then as Managing Director of ESB Networks. He was formerly a board member of the association of European Distribution System Operators (E.DSO) and co-chair of the European Distribution-Transmission Cooperation Platform. Paddy is a Chartered Engineer with degrees in engineering from UCD and an MBA from the University of Warwick. Before moving to the energy sector in 1999, to lead the Synergen joint venture between ESB and Statoil, he worked with British Steel in the UK.



Ditte Juul Jørgensen took up the position of Director General for Energy of the **European Commission** (DG ENER) in August 2019. She joined DG ENER from a position as Head of

Cabinet for Competition Commissioner Margrethe Vestager. Before serving as Head of Cabinet, she was Director of Legal Affairs and Trade in Goods in the Commission's Directorate-General for Trade at the World Trade Organization. Prior to her appointment as Director, she served as Head of Unit and Acting Director for dispute settlement and legal issues, as well as Head of Unit for Trade and Sustainable Development and Sanitary and Phyto-Sanitary Issues. Her previous experience includes a posting as Head of the Economic Section of the EU Delegation to the United Nations in New York and work at the European Court of Justice and European Commission Directorate-General for Competition.



Malcolm Keay joined the **Oxford Institute of Energy Studies** in January 2005. His career has ranged widely across the energy scene, including roles in: the public sector, as director of energy policy at the UK DTI (1996–1999) and division head at the

International Energy Agency; the private sector, as senior managing consultant at Oxera; and the non-profit sector, working at Chatham House and the World Coal Institute. He has acted as an adviser for many energy studies, including as special adviser to a House of Lords committee inquiry into energy security in Europe, and director of the energy and climate change study for the World Energy Council.



ENERGY IRELAND®

speakers



Andy Kelly is a Director at **AFRY Management Consulting**, with more than 20 years' commercial experience in wholesale power and energy markets throughout Europe. Andy leads AFRY's

commercial work in the Irish energy markets, supporting clients in understanding the effects of the energy transition and addressing their strategic responses as a result. He has a deep understanding of the commercial aspects of the energy and trading markets and works with private and public sector clients across the sector, including utilities, developers, investors, lending banks and policy makers.



David Kelly is the Director of Customer and Business Development at **Gas Networks Ireland**, the semi-state organisation responsible for operating Ireland's €2.7 billion,

14,617km national gas network, and ensuring the safe and reliable delivery of gas to more than 706,000 homes and businesses across the country. David has over 20 years of executive-level experience having worked extensively in both the private and public sectors throughout his career. Prior to being appointed to his current role, David was the Group Head of Customer Operations and Public Affairs for Eirvia.



Dave Kirwan is Managing Director of **Bord Gáis Energy**. He has recently returned to the role of MD after having worked with Centrica in the UK as MD of the UK Customer Operations and latterly MD of the UK Home

business. Dave was responsible for leading the Bord Gáis Energy business through the successful sale to Centrica in 2014 having worked with BGE for 15 years prior to that, where he was responsible for the launch of its Northern Ireland business, Firmus Energy, the development of the Whitegate power station and the acquisition and subsequent merger of the SWS wind business. Dave holds a BE electronics from UCD and is a Fellow of the Institute of Engineers of Ireland, he also holds an MBA and a doctorate in business economics (DBA) from UCC. Dave also serves on the Centrica Group Executive Committee.



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.



Professor J Owen Lewis co-chairs the IIEA Working Group on Climate and Energy. He is also Emeritus Professor of Architectural Science, UCD Dublin, and was Chair of the **Energy Institute** in Ireland. He is

a member of the Board of the National Gallery of Ireland. Owen is President of the Royal Dublin Society. He was previously Chief Executive of the Sustainable Energy Authority of Ireland (SEAI) between 2009 and 2012. Qualified as architect, engineer, and energy technologist, he has practised professionally in Ireland, England and Zambia. He was part-time Executive Director for Innovation and R&D at Bord na Móna between 2006 and 2008. Owen was Dean of the Faculty of Engineering and Architecture at UCD Dublin and later Principal of the UCD College of Engineering, Mathematical and Physical Sciences. In 1976 Owen co-founded the Solar Energy Society of Ireland.



Aoife MacEvilly has been a member of the **Commission for Regulation of Utilities (CRU)** since October 2014 and was appointed Chairperson in February 2020. Her lead responsibilities include

empowering and protecting customers, supporting active customers and communities and the future role of gas in a secure, decarbonised energy system. Aoife previously worked in the Department of Environment, Climate and Communications and in the private sector. She holds a BA in European Business and German from Ulster University, a Professional Diploma in Regulatory Governance from UCD and an MA in Leadership from UCD Smurfit.



Cathal Marley is the Chief Executive Officer of **Eirvia** which comprises Irish Water and Gas Networks Ireland. He has over 20 years' experience in the utilities and infrastructure sector, having previously worked in senior roles

across the electricity industry with ESB. Cathal holds an MBA from the Michael Smurfit Business School, UCD, is a Fellow of the Institute of Chartered Accountants, a Board and Council Member of the IMI and is also a member of the DCU Governing Authority and Audit Committee. His early career was spent with EY in Dublin and Eastern Europe.



Margie McCarthy is Director of Research and Policy Insights, with key responsibilities for analytical and research functions within the **Sustainable Energy Authority of Ireland** including the development and delivery of

energy data and insights to support policy decisions, and investment in innovative energy research which contribute to Ireland's energy transition. As a member of the Executive Leadership Team of SEAI contributing to the development and implementation of organisational strategy and operationalising that strategy for optimal delivery of results. Margie is a Chartered Engineer and Fellow of Engineers Ireland. She joined SEAI from Science Foundation Ireland (SFI), where she served as Head of Education and Public Engagement and as Interim Director of Science for Society.



Niamh McGovern is an energy and construction partner at **Arthur Cox**. Niamh has a broad skillset in this area and routinely advises developers, sponsors, banks and public bodies on energy projects in 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 Arysza, 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.



Rory Monaghan is the Lecturer of Energy Systems Engineering in the School of Engineering at the **National University of Ireland Galway (NUI Galway)**. He is the Leader of the Ryan Institute's Energy Research

Centre, a Funded Investigator in MaREI, the SFI Research Centre for Energy, Climate and Marine, and the Director of the NUI Galway Energy Engineering Programme. Dr Monaghan's research on decarbonisation of hard-to-abate sectors covers hydrogen, bioenergy, renewable gases, carbon capture utilisation and storage (CCUS). He leads a team of nine researchers and has won funding of over €2.5 million from national, EU and industrial research partners. Dr Monaghan has co-authored over 50 peer-reviewed publications, and policy documents for the Northern Ireland Government, SEAI and EPA. He earned his PhD in Mechanical Engineering at the Massachusetts Institute of Technology on energy technology and policy.



Richard Murphy is a Partner and Head of Energy (Ireland) at **Pinsent Masons LLP**. His energy expertise and experience includes advising clients on a range of regulatory, advisory and

transactional matters. Richard is rated as a leading individual for energy work in both Chambers UK and the Legal 500. Richard sits on the Northern Ireland Renewables Industry Group Committee (NIRIG) and is a regular speaker at energy industry events and conferences.



Úna Nic Giolla Choille is a former Principal Officer in the **Department of the Environment, Climate and Communications**, heading the Electricity Regulation Division. She previously worked in the

Department of Finance, in the Offices of the Houses of the Oireachtas and of the Revenue Commissioners and also with the Policy Institute in Trinity College. Having a primary degree in economics and geography, she also holds a master's degree in Public Sector Analysis, both from TCD.



Cillian O'Donoghue will join **Eurelectric** as the new Policy Director in May 2022. With a professional background in journalism, Cillian has over 10 years of experience in EU energy and climate legislation, with proven expertise around the EU Emissions Trading System, EU State Aid frameworks and industrial electrification. He joins Eurelectric after serving as Director Climate & Energy of Eurometaux for over five years. Prior to Eurometaux, Cillian was senior account manager in the Climate and Energy Practice of Fleishman Hillard. Cillian holds a law degree from Dublin City University, a master's degree in International Relations and European Studies from the Central European University in Budapest and a master's degree in International Economics and Political Systems from Charles University in Prague.



Brian Ó Gallachóir is Professor of Energy Engineering at UCC and Director of the SFI **MaREI Centre for Energy Climate and Marine**. Brian leads MaREI's research on energy systems modelling that has underpinned Irish and EU energy and climate mitigation policies and energy company strategies. Brian is elected Chair of International Energy Agency Technology Collaboration Programme on energy systems modelling (IEA-ETSAP) and an elected Fellow of the Irish Academy of Engineering. Brian received the Science Foundation Ireland Best International Engagement Award 2020 and currently chairs the UCC President's COP-26 Working Group.



Dr John O'Sullivan is COO and a co-founder of **dCarbonX**. He holds three geoscience degrees as well as an MSc in Technology Management and is professionally chartered by the Geological Society of London. John has more than 30 years' experience in the energy arena spanning fossil fuels, renewables & energy storage. He was subsurface lead for Ireland's only offshore gas storage project at Kinsale Head and was the Irish government's consenting lead for its first offshore wind farm on the Arklow Bank in the Irish Sea.



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 is Director of Offshore Development at **SSE Renewables**, part of the FTSE-listed SSE plc and the leading developer, owner and operator of renewable energy across Ireland and the UK. Maria leads the development of SSE Renewables' 7GW-plus pipeline of offshore wind energy projects in the UK and Ireland. Maria has extensive experience having worked in the wind energy industry for nearly 18 years, holding portfolio management roles across Airtricity, Mainstream Renewable Power and SSE Renewables. Maria is chartered engineer and a graduate of Mechanical Engineering from University College Dublin (UCD) with an MSc from UCD.



Catherine Sheridan is the Chief Operations Officer with **ElH2**, Ireland's first green hydrogen production company. Her focus is on energy system integration and the role for green hydrogen in supporting Ireland and Europe achieve Net Zero 2050. Prior to joining ElH2, Catherine worked with public utilities in engineering and commercial roles, and more recently in communications, stakeholder engagement and energy policy. Catherine was awarded a Bachelors degree in Civil Engineering from NUI Galway in 1998, Masters degree from UCC in 2001, and titles of Chartered Engineer and Fellow from Engineers Ireland in 2009 and 2018, respectively.



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.



Stephen Wheeler is Managing Director of **SSE Renewables**, the leading developer, owner and operator of renewable energy across the UK and Ireland, with a portfolio of around 4GW of onshore wind, offshore wind and hydro. Together with his team Stephen is responsible for delivering SSE Renewables' strategy to drive the transition to a net zero future through the world class development, construction and operation of renewable energy assets. Stephen was previously Managing Director of SSE Thermal, focused on decarbonising the company's flexible generation and energy storage portfolio, as well as Managing Director of SSE Ireland and General Manager for Ireland of SSE Renewables, leading the company's wind farm projects across the island. Before joining SSE, spent over 10 years working with ABB and Siemens internationally, specialising in the development and construction of thermal generation assets. Stephen is a graduate of Electrical Engineering at University College Dublin, with an MBA from the UCD Michael Smurfit Graduate Business School, and a past Chairman of Wind Energy Ireland (WEI).



Charles Wood is Deputy Director of Policy at **Energy UK**. Focussing on Energy Systems, Charles leads work on the modernisation and integration of energy systems across the net zero transition, coordinating Energy UK's policy focus on decarbonising heat and transport, and the development of a smart flexible net-zero energy system. This includes engaging with developing energy service business models, flexible technologies, energy applications for data and digitalisation, and the reform of institutional governance arrangements across the energy sector. Before joining Energy UK in 2016, Charles worked in the transport and technology sectors.



Dr. Katja Yafimava is Senior Research Fellow at the **Oxford Institute for Energy Studies**. She holds a D.Phil. in Geography and an M.Phil. in Russian and East European Studies from Oxford University. Dr Yafimava has been an expert at the UNECE Group of Experts on Gas since January 2015 and was an expert at the EU-Russia Gas Advisory Council during 2012-16. She has also written for Carnegie Moscow Center, German Institute for International and Security Affairs (SWP) and Italian Institute of International Affairs (IIA) as well as commented for various international media.

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ARTHUR COX



The networking experience



Networking is a key element of the Energy Ireland® experience. With 300+ attendees from right across the industry, north and south, the conference is a valuable forum for meeting new contacts and renewing old acquaintances. Throughout Energy Ireland® 2022 there are plentiful opportunities for networking and business development.



Exhibition

Energy Ireland® 2022 will feature a lively exhibition and display area. Exhibition stands offer the chance to speak with the developers of new industry projects, product and service providers and expert industry advisors.



Networking lunches

An opportunity to refuel for the afternoon sessions but also, more importantly, to speak to fellow delegates and speakers while overlooking the impressive pitch at Croke Park!



Coffee breaks

The two days of Energy Ireland® are punctuated by regular and frequent coffee breaks – in recognition that almost as much business gets transacted in the margins of the conference as in the plenary and workshop sessions!



Drinks reception

The Day 1 drinks reception, sponsored by Pinsent Masons, offers delegates the perfect opportunity to relax and unwind over a glass of wine at the end of a day's discussion and debate. It is a prime time for catching up on the latest news from the day's proceedings and across the industry.



Q&A sessions

An important feature of the conference is the opportunity to engage with the speakers during the Q&A / panel discussions at the end of each plenary and workshop session.



Workshops

Alongside the plenary sessions in the main halls, Energy Ireland® 2022 will feature a programme of workshops which allow for in-depth examination of key issues at the forefront of Irish energy. There will be maximum opportunity for Q&A and discussion in all of the workshop sessions.

Getting to the venue:

Directions to Croke Park

Croke Park Conference Centre is located in the north Dublin neighbourhood of Drumcondra, around 20 minutes by car from Dublin airport.

From the city centre / O'Connell Street: Follow the signs for the N1 North onto Dorset Street and Drumcondra Road. At the railway bridge overpass on Drumcondra Road, turn right onto Clonliffe Road. At the next set of traffic lights, turn right onto Jones's Road for the Hogan stand entrance. (For car park continue to the end of Jones's Road into Russell Street turning left at the end of Russell Street onto the North Circular Road – follow directions below for parking).

From the airport / north: Follow directions for the city centre. Just before the railway overpass at the end of the Drumcondra Road Lower, turn left onto Clonliffe Road. At the next set of traffic lights, turn right onto Jones's Road for the Hogan Stand entrance. (For car park continue to the end of Jones's Road into Russell Street turning left at the end of Russell Street onto the North Circular Road – follow directions below for parking).

By train: The closest railway station is Drumcondra at the intersection of Drumcondra Road (N1) and Clonliffe Road, a 5 minute walk from Croke Park. The closest DART stations are Connolly (15-20 minute walk) and Clontarf (20-25 minute walk). The closest Luas and Intercity Rail stop is also at Connolly station.

By bus: From the city centre to Drumcondra Road: No 3, 11, 11A, 16, 16A and 41. From the city centre to Ballybough Road / Clonliffe Road: No 123.

By bike: There are bike rails situated outside the Hogan entrance to Croke Park (on Jones' Road) for secure cycle parking.

Car parking: There is limited free parking available for delegates attending the conference at the Davin Car Park. This is located off the North Circular Road and accessed via St Margaret's Avenue.

Accommodation

There are a number of hotels located close to the venue, including: The Croke Park Hotel, Best Western Dublin Skylon Hotel, Gresham Hotel, Best Western Academy Plaza, Jurys Inn Parnell Street.

There is a delegate room rate available at Croke Park Hotel, please quote BOOK280622.

To register:



Online

www.energyireland.ie



By telephone

+353 (0)1 661 3755



By email

registration@energyireland.ie



By post

bmf Business Services E&P Limited, Clifton House
Lower Fitzwilliam Street, Dublin 2, D02 XT91

Delegate fee €795 + VAT @ 23% = €977.85

Fee includes documentation, lunch and other refreshments served during the conference and is payable in advance.

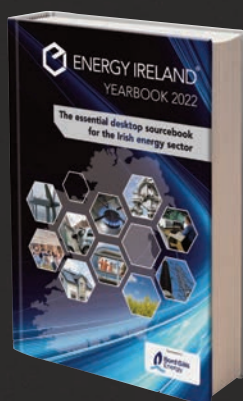
Terms and conditions

- Once booked places may not be cancelled.
- If you are unable to attend, you can send a substitute participant instead, at no additional charge.
- Failure to attend requires full payment.
- Conference fees includes entry for one person per ticket.
- We intend to photograph this event. Any photographs will be used only for our own publications.
- We are organising our events in line with government guidance and should any of the conference arrangements change, we will be in touch.

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 email registration@energyireland.ie to confirm your booking.

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