



The Worshipful Company of Fuellers

Duke of Edinburgh Future Energy Conference

Wednesday 29 November 2023

The Royal Society of Medicine, 1 Wimpole Street, London W1G 0AE

SPEAKER & PANELLIST Biographies

KEYNOTE SPEAKER 1

LUCIAN PUGLIARESI - President of the Energy Policy Research Foundation



Lucian is President of the Energy Policy Research Foundation (EPRINC), a public policy energy think tank founded in 1944. He has led the organisation's research effort on U.S. energy security, scope and benefits of the North American petroleum renaissance and the growing role of LNG in world trade, among other energy topics. Lucian has served in a wide range of government posts, including the National Security Council at the White House (Reagan Administration), Departments of State, Energy, and Interior, as well as the EPA. He has written extensively on energy and frequently testifies before various committees of the U.S. Congress. His career in the federal government included central policy roles in the development of the Strategic Petroleum Reserve, decontrol of domestic crude oil and gasoline prices, nuclear non-proliferation, offshore oil and gas leasing on federal lands, U.S. trade policy, environmental regulations, energy security, and US / Soviet relations.

KEYNOTE SPEAKER 2

JULIET DAVENPORT OBE - President of the Energy Institute



Juliet was awarded an OBE in 2013 for services to renewables and has spent her entire career creating solutions to combat climate change. In 1998, Juliet founded the AIM-listed company Good Energy, a 100% renewable energy utility specialising in decentralised small-scale renewables. In her role as CEO she oversaw its growth to a £130 million turnover business, including developing over 150MW of renewable assets and supporting 160,000 homes generating their own power. Juliet has a wealth of non-executive and advisory experience. She serves on the board of the Crown Estate and has recently stepped down from Innovate UK having served as a council member for 4 years. Recently she took up the position of Chair for Atrato Onsite Energy, a listed Investment Trust for solar rooftops and EV kerbside charging. Juliet has had academic appointments with the Grantham Institute and The Smith School of Enterprise and the Environment, Oxford University

KEYNOTE SPEAKER 3

DAME MARY ARCHER DBE - Chair of Trustees, Science Museum



Dame Mary started her career as a physical chemist and taught chemistry at both Oxford and Cambridge Universities, where her research interests centred on sustainable energy production and solar energy conversion. Dame Mary is Chair of the Science Museum Group, as well as being a Companion of the Energy Institute, Patron of the National Energy Foundation, President of the UK Solar Energy Society, an Honorary Liveryman of the Worshipful Company of Fuellers and an Honorary Member of the Salters' Company. She is Chancellor of the University of Buckingham and holds honorary DSc degrees from Imperial College London and the Universities of Hertfordshire and Bradford. Chair of Cambridge University Hospitals NHS Foundation Trust for ten years from 2002 to 2012, Dame Mary was appointed Dame Commander of the Order of the British Empire (DBE) in the 2012 Birthday Honours for services to the National Health Service.

KEYNOTE SPEAKER 4

DAN MONZANI - Managing Director, Aurora Energy Research



Dan joined Aurora in 2021 as our Managing Director for the UK and Ireland. Dan leads all of our services to clients in these markets, including bespoke consulting and subscription products. He is a regular expert contributor to Government, Parliament and in the media, including currently as a member of the Committee on Climate Change's Expert Group on Electricity Market Design. Previously, Dan was a director in the UK government with almost two decades' experience, holding many roles in BEIS and the Cabinet Office, including latterly as the Director leading policy and analytical advice to government ministers on gas and electricity energy systems, market design, security and affordability. Dan has an MBA from London Business School and degrees from Magdalen College Oxford and University College London.

PANEL 1



CHAIR: JON CLARK, Partner, EY

Jon is an experienced energy corporate finance professional, who is the EMEA Oil & Gas Strategy and Transactions leader at global professional services firm EY. Jon has advised on international acquisitions, divestments and fund-raising covering around 40 countries globally and acting for a diverse range of energy clients including utilities, energy majors, national oil companies, governments and financial sponsors. He is a respected industry commentator, speaking regularly at industry events and with his insights appearing in the media. Jon is a Chartered Accountant, achieving the Gold Medal in the Order of Merit, a Chartered Fellow of the Securities and Investment Institute and holds the CF - Corporate Finance professional designation. Jon is also a Fueller, and Chairs the Company's Industry Group.



GARETH RAMSAY, Head of Energy Transition and Systems Analysis, bp.

Gareth is the Head of Energy Transition and Systems Analysis at bp. His team produces bp's widely read Energy Outlook, and more broadly the team analyses and models the evolving nature of the energy system as it transitions to net zero. Prior to joining bp in 2022, Gareth worked for many years at the Bank of England, where he was most recently Executive Director for Data and Analytics & Chief Data Officer. Previously he was the Bank's Executive Director for Communications, and before that its Director of Monetary Analysis, leading the area responsible for providing macroeconomic analysis for the Bank's Monetary Policy Committee.



RICHARD NOURSE, Founding partner of Schroders Greencoat

Richard is the founding partner of Schroders Greencoat now part of Schroders plc. He started his career at Morgan Grenfell and left investment banking as Head of EMEA Energy and Power at Merrill Lynch. Schroders Greencoat is the leading UK specialist renewables infrastructure manager with funds it manages owning around 10% of UK wind capacity and 15% of UK solar capacity.



DR CAROLE NAKHLE, Founder and Chief Executive Officer, Crystol Energy

Carole worked with major energy companies at the executive level, governments and policy makers, international organisations, as well as academic institutions and specialized think tanks. She sits on the Governing Board of the Natural Resource Governance Institute and is Lead Energy Expert with the Geopolitical Intelligence Services in Liechtenstein. She is the author of two widely acclaimed books: Petroleum Taxation: Sharing the Wealth and Out of the Energy Labyrinth, co-authored with Lord David Howell, former Secretary of State for Energy in the UK. She acts as the President of 'Access for Women in Energy', which she founded in 2007 to support gender balance in the energy industry globally. In 2021, Dr Nakhle was selected 'CEO of the Year', and was awarded the prestigious Fellowship of the Energy Institute. In 2017, she received the Honorary Professional Recognition Award from the Tunisian Minister of Energy, Mines & Renewable Energy.

PANEL 2

**CHAIR: PROFESSOR ROBERT GROSS, UK Energy Research Centre**

Robert is the Director of the UK Energy Research Centre (UKERC). He is Professor of Energy Policy and Technology at Imperial College London, where he was the Director for the Centre for Energy Policy and Technology (ICEPT) and Director of Policy at the Energy Futures Lab. He has extensive teaching and post-graduate training experience. Robert is a Fellow and Council member of the Energy Institute. He is also Council member and former Chair of the British Institute of Energy Economists (BIEE). Robert is currently a member of the Academic Advisory Panel for Ofgem (2018 to date). He has been a specialist advisor to 3 Parliamentary Select Committees, has experience of and engagement with UK policymaking, and has published extensively on energy policy, economics and technological innovation.

**RICHARD HULF, Founder, Hydrogen One Capital**

Richard is one of the founders of HydrogenOne Capital. Richard is a fund manager with corporate finance and engineering background. Richard has 30 years of experience in the Utilities and Energy sectors and is a Chartered Engineer, originally from Babcock Power and latterly Exxon. In addition, his financial experience spans stock broking, corporate finance and fund management with Henderson Crosthwaite, Ernst & Young and Artemis Investment Management, where he invested into renewables companies. He has an MSc in Petroleum Engineering from Imperial College.

**PROFESSOR SIR IAN CHAPMAN, Chief Executive Officer, UK Atomic Energy Authority**

Sir Ian became CEO of the UK Atomic Energy Authority in October 2016. He has held a number of international roles in fusion, currently including membership of the Princeton Plasma Physics Advisory board and chairing the IAEA International Fusion Research Committee. His research has been recognised with a number of international awards, including the Institute of Physics Paterson Medal in 2013, the American Physical Society Stix Award in 2017, the Royal Society Kavli Medal in 2019 and the Institute of Physics Glazebrook Medal for leadership in 2021. He was made a Fellow of the Institute of Physics in 2013, elected as a Fellow of the Royal Academy of Engineering in 2022. In 2023, he was knighted in the King's New Year's Honours, made an Honorary Fellow of the Nuclear Institute and elected a Fellow of the Royal Society.

**PAUL SPENCE, Director of Strategy and Corporate Affairs, EDF Energy**

Paul's teams are responsible for R&D, Strategy, Policy & Regulation, Sustainability and Communications for EDF's business activities in the UK. He also chairs EDF's UK R&D centre. He serves on the board of Energy UK, the Nuclear Industry Association, is a Fellow of the Energy Institute, and is the Executive Sponsor of EDF's RACE Network. Before their acquisition by EDF, he was Head of Strategy and Business Development for British Energy from 2003. He joined them from Accenture where he spent 17 years, latterly as Senior Partner, responsible for the UK Energy Strategy and Human Performance practices. His early career included time with Davy McKee (London) Limited, and Ford Motor Company. He holds an MBA from London Business School and a BSc in Engineering from the University of Bristol.

**JASON FROST, Head, Commercial Development, Aker Carbon Capture**

Jason heads up Commercial Development in the UK for Aker Carbon Capture. He is a chartered chemical engineer (FIChemE) and has wide ranging technical and commercial experience in CCS through the past 8 years of working with Aker. Aker Carbon Capture is a pure-play carbon capture company with solutions, services and technologies to reduce emissions from industrial sources, serving a range of industries, including the cement, bio and waste-to-energy, gas-to-power and blue hydrogen segments. Jason is an enthusiastic advocate for CCS. He believes that CCS is essential to mitigating climate change. He is committed to working with industry and government to deploy CCS on a commercial scale.

**CHAIR: PHILIP NICOL-GENT, Independent Governor of the University of Plymouth, Barrister & Guernsey Advocate, Company of Air Pilots**

Philip has over 30 years experience as a lawyer and is dual qualified having been called to the Bar of England & Wales and the Guernsey Bar. Currently he is the Senior Independent Governor of the University of Plymouth and a member of the Audit Committee of the Royal Aeronautical Society and a member of the Honorary Company of Air Pilots. Most recently Philip chaired the Regulatory Board of the Institute of Chartered Accountants in England & Wales. Until 2020 he was the General Counsel of the Guernsey Financial Services Commission, the first financial services product in the world to be backed by regulatory rules within a legislative regime. In addition to holding a Law Degree Philip studied at L'Université de Caen, Normandy. He has an Executive Certificate in Public Leadership from the Harvard Kennedy School of Government and is a Fellow of both the Royal Aeronautical Society and the Royal Meteorological Society.

**CARL LOMAS MBE, TFL LoCity Operator Group Chair for Alternative Fuel Vehicles, Chairman at Institute of Couriers, Carman, Fueller**

Carl is Chair of the TFL LoCity operator group for alternative fuel vehicles, former FORS Gov with focus on light vehicles. Chair of the Institute of Couriers, representing express transport with a breadth of clean air zero emission from electric cargo bike to hydrogen van and gas truck. Carl will focus on the infrastructure challenge for delivering power to the owner driver who, City based, may often not have off street parking to access charge leads. Carl was awarded his MBE for services to education in transport, he is an RSA fellow and often seen in the wheels of transport tie of the Carmen livery.

**JEREMY NICHOLSON, Corporate Affairs Officer at Alfa Energy Group**

Jeremy Nicholson is Corporate Affairs Officer at energy and sustainability consultant Alfa Energy, an Edison Energy company and a Fellow of the Energy Institute. He is a specialist in energy markets, utility regulation and environmental economics. He is a former Chairman of the Management Committee of IFIEC Europe (the International Federation of Industrial Energy Consumers) and was for many years Director of the EIUG (Energy Intensive Users Group) representing these industries in the UK. He trained originally as a civil engineer with consultant Sir William Halcrow and Partners working on water infrastructure and regulatory projects for Ofwat, and subsequently on strategic business plans and demand forecasting for Veolia Water UK, before joining the EIUG initially as their economic adviser in 2000. He is a former member of Ofgem's Sustainable Development Advisory Group and Consumer Challenge Group on distribution price control, BEIS CCUS Council, and the previous Labour government's Business Energy Forum.

**TIM MORRIS, Group Head of Corporate Communications, Associated British Ports**

Tim joined Associated British Ports in 2022 as Group Head of Corporate Communications. He heads the team managing relationships with a range of external stakeholders including in the worlds of politics and the media. He joined ABP from the UK Major Ports Group, the trade association for the UK's largest port operators, where he was CEO. Prior to entering the ports sector Tim spent eleven years in the steel industry with Tata Steel Europe, latterly as the Head of Public Affairs and interim Director of Corporate Communications. Other roles in steel included those involving energy, environment and strategy. Tim's early career was as a management consultant for McKinsey where he spent six years in their Corporate Finance and Strategy practice. He has degrees from the London School of Economics and the University of Warwick.

**SQUADRON LEADER GREG CURTIS RAF, Air Fuels Sustainable Energy Association**

Greg currently works within the UK Joint Force Air Component as the lead for all Logistic and Engineering support and planning output and is the current Affiliates' Network Liaison of the MOD's Air Fuels and Sustainable Energy Association (AFSEA), having recently handed over the Chair. Greg is a Fuel and Energy specialist within Royal Air Force; he's served in operations and exercises from Western Europe to the Arabian Peninsula. In support of energy operations in the UK and overseas. He was integral to the early work of the MOD's energy transition having overseen the SAF trials in RAF aircraft and ground support vehicles. Greg He holds a Masters in Project, Programme, and PorMolio Management and in his spare time pulls for the UK Armed Forces Tug of War team.

PANEL 4

**CHAIR: ASHUTOSH SHASTRI, Founder of EnerStrat Consulting, Junior Warden Fuellers**

Ashutosh (Ash) is the founder of EnerStrat Consulting, an international strategic management consultancy focused on the risks and opportunities arising from the energy transition. Besides being the Junior Warden of the Fuellers, he is also a Senior Advisor to the Global Gas Centre, Geneva and a (non-resident) Distinguished Fellow at EPRINC in Washington DC.

**SIMON BREWSTER, CEO at Dolphin N2, Fueller**

Simon, in his role as CEO of Dolphin N2- an innovative engine technology development company- is leading multiple commercialisation initiatives for disruptive low carbon propulsion systems with application in industrial transportation, marine and power generation application markets. From a proof of concept in 2018 to a full scale demonstration in 2020 to an operational Hydrogen engine in June 2021, Simon will share his experience of commercialising innovation at the conference.

**JAI FERGUSON, Neuroscience & Psychology at King's College London, Sutton Trust Scholar, Fueller**

Jai operates in the realm of emerging technologies at HSBC, focusing his efforts on integrating AI into various facets of the financial sector. Within the Chief Technology Office, he investigates the applications of deep technology, currently dedicating himself towards the exploration of Generative AI applications that can potentially revamp financial and business landscapes. His initial STEM background in Neuroscience, coupled with his experience in AI, aid in facilitating his interests in technological affairs in areas such as Fintech, Energy, Biotech and Aerospace. As a member of the Fuellers, he maintains a strong commitment to sustainability, aiming to align technological advancements with environmentally responsible practices.

**OWAIN JOHNSON, Managing Director, Global Head of Research and Product Development at CME Group, Fueller**

Owain is the author of two highly acclaimed books on energy: "The Price Reporters" (2017) and "40 Classic Crude Oil Trades" (2022). He leads the global research and product development team at CME Group, the world's largest commodity derivative marketplace. His team develops new risk management products and produces original research into commodity markets. Owain is a close observer of energy and commodity markets globally, and in recent years has developed new risk management tools to help companies manage the energy transition. Owain will share his perspective and outlook for UK energy markets at the conference.

**GAVIN TOWERS, Head of Energy Solutions, Brook Green Supply, Fueller**

Gavin, in his position as Head of Energy Solutions at an innovative- fast growing UK energy supplier in the UK- is helping I&C companies with Circular Economy, Sustainability Strategies, Energy Risk Management, Net Zero, Energy IOT, Industry 4.0, Smart Building, Onsite Generation, Heat Pumps, EV & Emissions Trading related solutions. Gavin will share his experience in the UK I&C consumer space and his perspective on UK industrials on managing the energy transition.
