

Oxford Energy Network | 13th Oxford Energy Day 2025

# Energy & Data: opportunities and challenges for the energy transition

Wednesday 24 September 2025

Mathematical Institute

Andrew Wiles Building, Radcliffe Observatory Quarter  
Woodstock Road  
Oxford OX2 6GG

13th Oxford Energy Day

**one**  
network





# ZERO Institute

**The ZERO Institute** (Zero-carbon Energy Research Oxford) brings together researchers and innovators to tackle questions surrounding zero-carbon energy systems, and to accelerate the energy transition.

We use a broad energy lens, spanning energy generation, conversion, distribution and use. We explore technologies including renewable generation, like solar and wind power, passive cooling and heat pumps, battery energy storage, fuel cells and electrolysis and smart grids. Alongside strategies to improve energy efficiency and reduce energy demand, we are tackling technical, economic and social challenges to enable a just energy transition.

We use the outcomes of our work to inform research, teaching and policymaking from a local to global level. Our partnerships with industry, and our entrepreneurial activities are translating our work to real world impact. Collectively, we are shaping the future zero-carbon energy system.



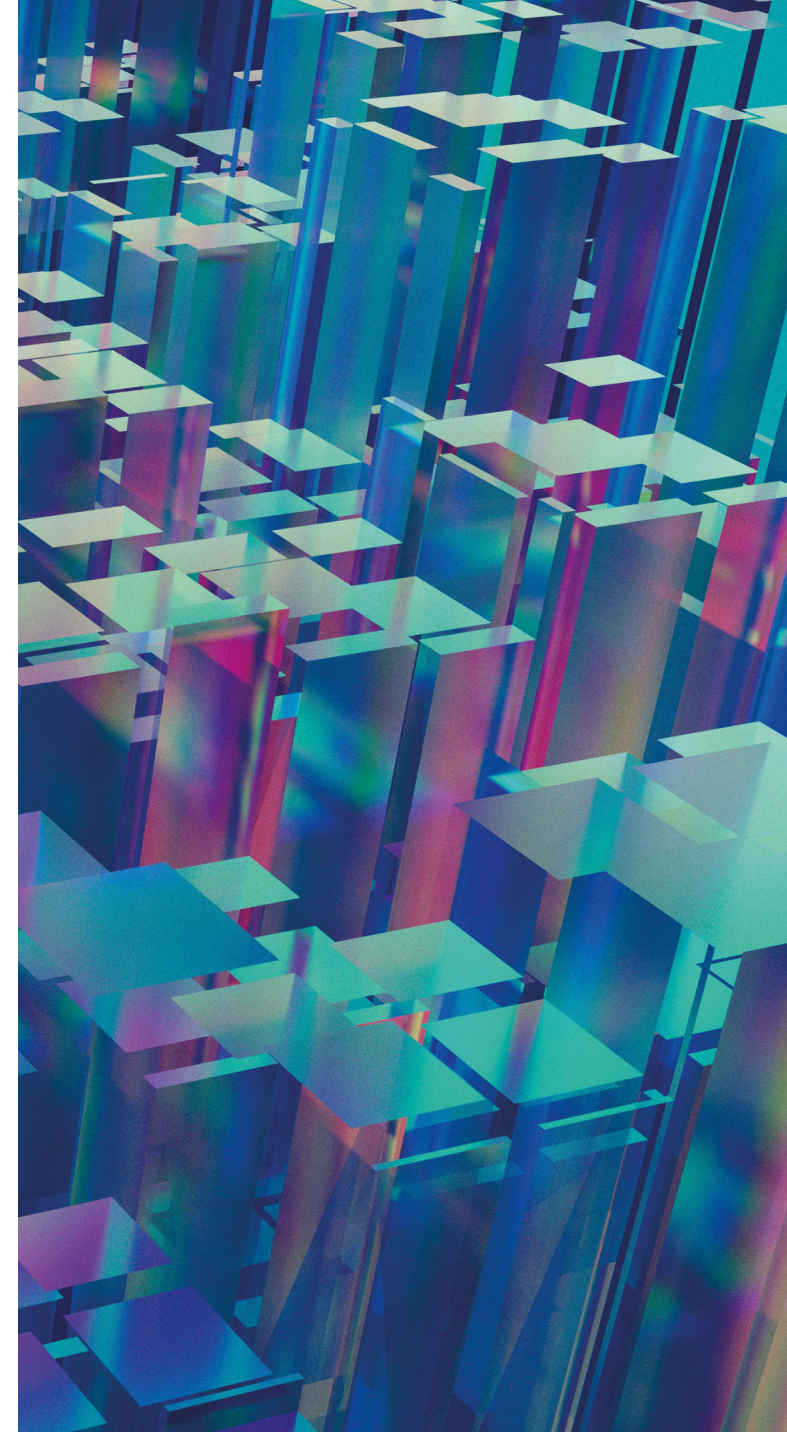
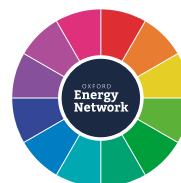
# Oxford Energy Network

The Oxford Energy Network brings together researchers across the University of Oxford who are working to address the major technical, social, economic and policy challenges of providing secure, affordable and sustainable energy for all.

The Network has been established for more than a decade and supported by the MPLS Division under the umbrella of Oxford Networks for the Environment (ONE), it provides visibility for energy research at Oxford and offers an internal forum for connecting energy researchers across multiple disciplines.

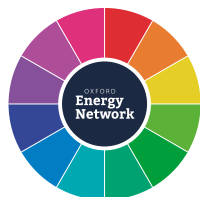
The Network engages with industrial partners, policy specialists, non-governmental and third-sector organisations.

Register to receive the Network newsletter at [www.energy.ox.ac.uk/contact](http://www.energy.ox.ac.uk/contact) or scan the QR code



# Welcome

Tina Fawcett, Convenor,  
Oxford Energy Network



**Welcome to the 13th Oxford Energy Day** – Energy & Data: opportunities and challenges for the energy transition.

This year's Energy Day will explore how data-related opportunities can advance energy technologies, materials and systems, and benefit scientific, engineering & social science research. The event will show how new data can enable innovation and provide improved policy, governance and decision-making to support delivery of a just energy transition. It will also address risks associated with increasing energy demand from data and computationally intensive activities, and the impact of AI throughout the energy system.

This is the perfect opportunity for delegates to connect across academia, industry and with policy and government professionals.

We are grateful for the support of the MPLS Division for the Network, and we would like to thank the ZERO Institute for making this Energy Day possible. Thanks also goes to all the speakers. We look forward to welcoming you to future Oxford Energy Network and ZERO Institute events. You can sign up to receive our newsletters using the QR code

Enjoy the day!

**Tina**



Agenda:

# Morning plenary

10:30 to 12:45

## Plenary session | Chair: Tina Fawcett

**09:30–10:30** Registration and coffee

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**10:30–10:45** **Paul Shearing, Tina Fawcett** and **Jim Naismith** | University of Oxford  
Introduction

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**10:45–11:15** **Jan Rosenow** | University of Oxford  
Data: A Turbocharger for the Energy Transition

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**11:15–11:45** **David Joffe** | DESNZ  
The crucial roles for data in achieving Clean Power 2030

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**11:45–12:15** **Jack Kelly** | Open Climate Fix  
Accelerating progress in applying AI to the energy transition

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**12:15–12:45** **Juliette Sanders** | Energy UK  
From data to decarbonisation: AI's role in the future of energy

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**12:45–14:00** Lunch & poster display

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## Parallel sessions

14:00 to 15:40

### Science and Engineering (L1) Chair: **Ludmilla Steier**

- 14:00–14:20** **Thomas Neuenhahn** | Siemens  
Integrating data and dispatchability: Siemens Energy's roadmap to net zero power
- 
- 14:20–14:40** **Enzo Liotti** | University of Oxford  
Artificial intelligence X-ray imaging for sustainable materials
- 
- 14:40–15:00** **Sarah Sparrow** | University of Oxford  
NetDRIVE: A community approach for sustainable digital research infrastructure
- 
- 15:00–15:20** **David Wallom** | University of Oxford  
Resilience, reliability & security in a future distributed energy system
- 
- 15:20–15:40** **Rebecca Neill** | Hygen Energy  
Does hydrogen have a place in net zero
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### Social Science and Multidisciplinary (L2) Chair: **Marina Topouzi**

- 14:00–14:20** **Anna Railton** | Oxford City Council  
Energy, data and local government
- 
- 14:20–14:40** **Felippa Amanta** | University of Oxford  
Beyond data centres: Rethinking energy impacts of AI
- 
- 14:40–15:00** **Rajat Gupta** | Oxford Brookes University  
National Research hub on Net Zero, health and extreme heat
- 
- 15:00–15:20** **Gavin Killip** | Nottingham Trent University  
Developing a sector skills plan for housing decarbonisation
- 
- 15:20–15:40** **Robin Morris** | University of Oxford  
Data insights from community energy
- 
- 15:40–16:10** Tea break
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# Afternoon plenary

16:10 to 17:00

## Final plenary session | Chair: Paul Shearing

**16:10–16:40** **Paul Shearing** | Chair, panel discussion | Engineering Science Department, University of Oxford

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**Radhika Khosla** | Smith School of Enterprise and the Environment, University of Oxford

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**Ludmilla Steier** | Department of Chemistry, University of Oxford

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**Marina Topouzi** | Environmental Change Institute, University of Oxford

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**16:40–16:50** **Paul Spence** and **Malte Jansen** | BIEE

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**16:50–17:00** Poster winners' presentation

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**17:00–18:30** Drinks reception

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# Poster competition

This year post graduate students and early career researchers have been invited to showcase their research by submitting a poster for display during the Oxford Energy Day.

Posters can be viewed during the lunch break (12:45–14:00). Prizes for the best three posters will be presented to the winners during the final plenary (16:10–17:00). Posters will remain on display during the drinks reception (17:00–18:30). The poster designers will be on hand to discuss their research throughout these times.

## Poster judges

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**Tinka Marquardt**

University of Oxford

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**Roy Collins**

EDF

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**Yee Van Fan**

University of Oxford

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**Jake Barnes**

University of Oxford

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## Posters

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**Felippa Amanta**

Invisible currents: Impacts of Artificial Intelligence on energy demand

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**Ewan Archer-Brown**

Stakeholder perspectives on the governance challenges associated with coordinated heat decarbonisation

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**Yekatherina Bobrova**

Energy Waste Triad (EWT): Conceptualising domestic energy waste

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**Hannah Budnitz, Labib Azzouz, Martin Pullinger, Jessica Few**

Domestic energy transitions: EV charging practices and energy technology co-adoption

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**Lorenzo Matthias Burcheri**

LetzPower! – designing data-driven solutions for dynamic tariff adoption in Luxembourg

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**Aaron Omar Colina Calvo**

Low-carbon futures through open modelling: A national calculator for Peru's energy transition

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**Antoine Donne**

From bytes to watts. Non-personal data for green energy transition

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**Cassandra Etter-Wenzel**

Do energy assistance policies reduce energy poverty? Evidence from the UK, US, & Germany

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**Lan Huong Hoang**

Multinational enterprises as intermediaries for energy transitions: Integrating transition and internalization theories

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**Stephen Haben**

SENSE: Supporting Research through Smart Energy Data

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**Sophie Kueffner**

From data to direction: Tracking the local energy transition progress through a composite index

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**Hanbit Lee**

Improving the behavioural realism of agent-based model for low-carbon technology adoption

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**Joshua Lilly**

Utilising multi-modal spectroscopy to probe detrimental charge-carrier recombination in novel photovoltaic materials

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**Guguloth Yeshwanth Nayak**

Intelligent water-based electricity generation system

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**Ryuichi Ohhata**

Enhance operation with AI: Reimagining energy infrastructure as personalized software assets

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**Laurence Peinturier**

Simplified building energy simulation: A framework for achieving net-zero emissions in the building sector

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**Rebecca Perriment**

Understanding long-term energy use in off-grid solar home systems in sub-Saharan Africa

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**Madara Premawardhana**

Photovoltaic digital twins using game engine simulations

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**Gayatri Sundar Rajan**

Can small-scale hybrid desalination & cooling systems close the global water & cooling access gap? Starting with coastal regions of Bangladesh

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**Narindra Ralefomanana**

The role of carbon tax to accelerate the energy transition in Madagascar

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**Leandra Scharnhorst**

Between policy and practice: Personal carbon trading at the household level

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**Marcel Seger**

Designing a decision support system for planning and operating electric vehicle workplace charging infrastructure: A design science research approach

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**Katya Soegiharto**

Scaling residential demand response with NLP and data analytics: A framework for policy design

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**Carl Somers**

Conformal prediction for wind farm forecasting

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**Kristian Strommen**

Balancing informativity and predictability in forecasts of electricity demand

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**Yige Sun**

Mapping Li concentration gradients across battery electrodes with different hysteresis

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**Marina Topouzi, Hannah Budnitz, Tina Fawcett**

Ready, steady, shift: Flexing sustainable household practices

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**Marin Vukšić**

MAX phases for MAXimum safety

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**Matthew Wright**

Royal Meteorological Society's State of the Climate for the UK Energy Sector 2024-2025

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**Weijia Yang**

Grid resilience in a warming climate: Wildfire risk management through distributed renewables

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**Yan Yu**

Rethinking climate investment targets: From static funding gaps to data-driven dynamic pathways

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## Felippa Amanta

DPhil student | ECI, University of Oxford



**Talk title:** Beyond data centres: rethinking energy impacts of AI

Felippa ('Pippa') Amanta is a DPhil student in the Environmental Change Institute, School of Geography and Environment at the University of Oxford. Pippa's research is on how on-demand digital services are changing households' consumption patterns and societal consumption norms and the implications for energy demand. She also works on AI's environmental impacts and the intersection between digital and climate policy. Pippa worked previously as the Head of Research at the Centre for Indonesian Policy Studies, a think tank based in Jakarta, Indonesia.



## Dr Tina Fawcett

Senior Researcher and Associate Professor | ECI, University of Oxford



Tina Fawcett is a Senior Researcher and Associate Professor for the Energy programme. Tina leads social research in the Energy Demand Observatory and Laboratory (EDOL) programme, amongst other projects. Tina's research concerns energy use by households and organisations, and uses a multi-disciplinary approach to understand current usage patterns and explore policies for reducing energy use/carbon emissions. Her other interests include the Museum of Climate Hope ([climatehope.uk](http://climatehope.uk)) and climate change education research and outreach.



## Prof Rajat Gupta

Professor of Sustainable Architecture and Climate Change | Oxford Brookes University



**Talk title:** National Research hub on net zero, health and extreme heat

Professor Rajat Gupta is Director of the multidisciplinary Oxford Institute for Sustainable Development (OISD) and leads the Low Carbon Building Research Group at Oxford Brookes University. His research focuses on achieving net-zero emissions through local energy solutions, decarbonising buildings using smart energy systems and building heat resilience in vulnerable settings. He is currently Principal Investigator of the National Research Hub on Net Zero, Health and Extreme Heat (HEARTH). Professor Gupta has served as an ad hoc member of Defra's Air Quality Expert Group, and is currently advising the Ministry of Justice on retrofit strategies to mitigate overheating across the prison estate.



## Dr Malte Jansen

Lecturer in Energy and Sustainability | University of Sussex Business School



[Malte Jansen](#)

Malte Jansen is an interdisciplinary researcher at the intersection of energy markets, finance, and policy, with a focus on achieving net-zero through innovative collaboration and effective communication.

Malte holds a Doctoral Degree in Renewable Energy and Energy Economics. His academic and professional journey includes roles at Imperial College London, Fraunhofer IEE, ERM and the Technical University of Denmark.

Malte has co-authored numerous journal articles, contributing insights into the field of renewable energy. His research on contracts for difference and the integration of renewable energy systems has been used in policy making and has created real-life impact with numerous media appearances. Malte co-founded PowerSwarm, a network connecting over 650 energy professionals from industry and academia, fostering knowledge exchange and innovation.



## Dr David Joffe

Expert Advisor, Clean Power 2030 Unit | DESNZ

**Talk title:** The crucial roles for data in achieving Clean Power 2030

David is Head of the Secretariat for Alan Whitehead's Independent Review on Greenhouse Gas Removals.

He previously worked at the Climate Change Committee for 16 years, where he was Head of Net Zero from 2019-2023, leading the analysis programme for the CCC's pathways to Net Zero. In 2024, David led a project at the Royal Academy of Engineering, working with Sir Patrick Vallance, on rapid delivery of a clean power system

He is a Visiting Professor at the Centre for Energy Policy at the University of Strathclyde and has a PhD from Imperial College.



## Dr Jack Kelly

Co-Founder | Open Climate Fix



[Open Climate Fix Team](#)

**Talk title:** Accelerating progress in applying AI to the energy transition

Dr Jack Kelly brings over 15 years' experience applying machine learning to energy data. He holds a PhD in Disaggregation of Smart Meter Energy Data from Imperial College London. After a brief postdoc, Jack worked at Google DeepMind, where he was a Technical Lead for Google's internal wind power forecasting service. Jack left DeepMind in 2018 to co-found Open Climate Fix. During the first couple of years of Open Climate Fix, Jack also consulted for the GB National Energy System Operator as a Senior Data Scientist, where he worked on forecasting wind power and electricity demand using state-of-the-art machine learning models. Jack is passionate about bringing research to life.



## Prof Gavin Killip

Professor of Buildings & Energy Policy |  
Nottingham Trent University



Prof Gavin Killip

**Talk title:** Developing a sector skills plan for housing decarbonisation

Before joining NTU in 2023, Gavin spent 19 years in the Energy Group at the Environmental Change Institute. He was among the first academic researchers to investigate the role of the construction industry in achieving policy goals for decarbonising buildings, and he advises construction industry organisations and policy makers on supply chain issues for net zero.

Gavin has a DPhil in Environmental Change & Management (Oxford) and an MSc in Advanced Energy & Environmental Studies (University of East London). He is an Honorary Research Associate at Oxford's Research Centre for Skills, Knowledge & Organisational Performance (SKOPE).



## Dr Radhika Khosla

Associate Professor | Smith School of Enterprise  
and the Environment



Radhika Khosla

Dr Radhika Khosla is Associate Professor at the Smith School of Enterprise and Environment and Research Director of the Oxford India Centre for Sustainable Development at the University of Oxford. She is the Programme Leader in Zero Carbon Energy Use at Oxford's ZERO Institute. Radhika works closely at the interface of research and policy. She is Editor-in-Chief of the high-impact peer reviewed journal, Environmental Research Letters. She has been Special Scientific Advisor to the UK's House of Commons Environment Audit Committee for the inquiry on heat resilience and sustainable cooling (2023-24).



## Dr Enzo Liotti

Departmental Lecturer in Processing of Advanced  
Materials | Department of Materials, University of  
Oxford



Enzo Liotti

**Talk title:** Artificial Intelligence X-ray imaging for sustainable materials

Dr Enzo Liotti's research focuses on using and developing X-ray synchrotron techniques for the investigation of fundamental dynamic phenomena in metal processing and material science, with particular interest in solidification of metal alloys. He obtained his BSc and MSc in Material Engineering from the Politecnico di Milano (Italy) and a PhD in Materials science in 2011 from the University of Loughborough, with a project on the characterization of a nano-quasicrystalline containing Al alloy with high temperature mechanical properties. From 2011 to 2019 he was a PDRA at the department of Materials, University of Oxford, working on in-situ imaging of solidification within the Processing of Advanced Materials Group.





## Robin Morris

Research and Business Engagement Lead |  
Materials, University of Oxford



**Talk title:** Data insights from community energy

Robin Morris is the Research and Business Engagement lead for electrochemical systems with the Henry Royce Institute. With the Henry Royce Institute, Robin has led engagement in electrochemistry and energy storage. He has coordinated and co-authored a series of roadmaps and activities on the materials challenges for end-to-end hydrogen. He helped to set up the Royce Hydrogen Accelerator.

Robin has a background in industrial research and commercialisation, and in working to support SMEs and university groups. Prior to joining the university, he was director and co-founder of a local energy social enterprise. He has maintained involvement in energy storage research, deployment and standardisation, including field trials. Robin was formerly Convenor for Oxford Energy for three years and is a research associate at the ZERO Institute.



## Prof Jim Naismith

Head of Mathematical, Physical and Life  
Sciences Division | University of Oxford



Jim Naismith is a structural biologist. He graduated from Edinburgh with a chemistry degree in 1989, PhD from Manchester 92 and DSc from St Andrews 2016. He worked at St Andrews 1995 to 2017 and directed the Rosalind Franklin Institute 2017-2023. Since 2023, he has been the Head of the Mathematical, Physical and Life Sciences Division (MPLS) at Oxford, and Vice-President (non-clinical) of the Academy of Medical Sciences. He is Fellow of the Royal Society, Royal Society of Edinburgh, and the Academy of Medical Sciences.



## Rebecca Neill

Head of Project Development | Hygen Energy



**Talk title:** Does hydrogen have a place in net zero

Becca Neill is the Head of Project Development at Hygen Energy, where she has led the development of low carbon hydrogen production sites for the last three years. Becca is also the Project Director at Bradford Low Carbon Hydrogen, the largest low carbon hydrogen site to receive government funding. Trained as an electrical engineer, Becca worked in the renewables and EPC space: delivering grid connections, completing electrical design, and working in asset management for a distribution network operation prior to joining Hygen. Her experience in hydrogen, renewables, and as part of an EPC has given her a unique multi-faceted perspective on practical implementation of Net Zero and delivery low carbon energy solutions.



## Dr Thomas Neuenhahn

Director for Net Zero | Siemens Energy – Gas Services Europe & Africa

 Dr Thomas Neuenhahn

**Talk title:** Integrating Data and Dispatchability: Siemens Energy's Roadmap to Net Zero Power Systems

Thomas joined Siemens AG in 2008 as a Senior Project Manager working on turbine blade design. Three years later in 2011 he joined Siemens China as head of large gas turbine design group. From 2014 Thomas was Head of Innovation Management for manufacturing technologies and Head of Siemens RWTH Aachen campus office. In 2018, he moved to Siemens a der Ruhr as Head of Centre of Competence 'heat' decarbonised Energy Systems for the next four years. Since 2022 he has been the Director of Net Zero – Gas Services Europe & Africa.

Prior to joining Siemens, Thomas studied Mechanical Engineering at RWTH Aachen University before

becoming a Scientific Researcher and completing a PhD thesis on 'Future Space Propulsion'. He has also studied an Executive MBA at Instituto de Empresa in Madrid.



## Cllr Anna Railton

Deputy Leader | Oxford City Council

 Oxford City Council

**Talk title:** Energy, data and local government

Anna Railton is an Oxford city councillor for Hinksey Park, is deputy leader and the cabinet member for Zero Carbon Oxford. Her day job is working in machine learning for a tech company.



## Prof Jan Rosenow

Energy Programme Leader and Professor of Energy and Climate Policy Energy programme | ECI, University of Oxford



[Dr Jan Rosenow](#)

**Talk title:** Data: A turbocharger for the energy transition

Jan Rosenow is the Leader of the Energy Programme at the Environmental Change Institute. His research focuses on energy demand, energy efficiency, electrification, renewable energy, and broader energy and climate policy, with a strong emphasis on the practical implementation of decarbonisation strategies. He has also held advisory and board roles with organisations such as the World Economic Forum, the International Energy Agency, and the European Council for an Energy Efficient Economy. He previously worked in the private and non-profit sectors as a senior leader, analyst and policy advisor. In recognition of his impact in the energy sector, Jan has been named the most read thought leader on energy transition and is among the top 25 energy influencers worldwide.



## Juliette Sanders

Chief Communications Officer | Energy UK



[Energy UK Team](#)

**Talk title:** From data to decarbonisation: AI's role in the future of energy

Juliette is Chief Communications Officer at Energy UK, the UK's broadest and most diverse energy trade association, representing companies across the sector including large-scale electricity generators, retailers who sell energy to businesses and households, and companies working towards decarbonising heat and transport. Juliette has a Master's in Engineering from Cambridge University, and has held a variety of analytical and communications roles across low carbon generation at Equinor, Orsted and EDF Energy.



## Prof Paul Shearing

Statutory Professor in Sustainable Energy Engineering; Director of The ZERO Institute, University of Oxford



[Prof Paul Shearing](#)

Paul Shearing is Professor of Sustainable Energy Engineering at the Department of Engineering Science and the Royal Academy of Engineering Chair in Emerging Battery Technologies. As ZERO Director, Professor Shearing will help to shape ZERO's ethos, strategy, networks, research and teaching programmes.

Previously, Paul was Professor of Chemical Engineering at University College London. His research interests cover a range of electrochemical engineering themes with a particular interest in the characterisation and understanding of materials for batteries, fuel cells and other energy applications. He was a founding investigator of The Faraday Institution, where he leads the LiSTAR and Safebatt research programmes. He is a major user of synchrotron and neutron facilities, and founded the UK STFC Global Challenge network in Batteries and Electrochemical Devices.





## Prof Sarah Sparrow

Associate professor in Environmental Impact,  
Deputy course director of the Energy Systems  
MSc. | Engineering Science, University of Oxford

 [Prof Sarah Sparrow](#)

**Talk title:** NetDRIVE: A community approach for sustainable digital research infrastructure

Associate Prof Sparrow is the programme co-ordinator for the climateprediction.net (CPDN) distributive computing project and co-coordinates the Network for Sustainable Digital Research Infrastructure: Vision and Expertise (NetDRIVE). Following her doctorate in atmospheric physics from the University of Oxford, she worked in the IT industry on business management systems and as a post-doctoral research scientist looking at drivers of atmospheric variability and extreme weather attribution. Currently based in the Energy and Environmental Informatics research group, she has vast experience analysing large ensemble simulations for extreme weather events and their impacts on energy, infrastructure, health, water and finance.



## Paul Spence

Director of Strategy & Corporate Affairs | EDF

Paul served on the Executive Team at EDF for 15 years, responsible for R&D, Strategy and system economics, Policy & Regulation, Sustainability, Communications and Public Relations for their activities in the UK. He also chaired EDF's UK R&D Board. He served on the boards of Energy UK and the Nuclear Industry Association, is a Fellow of the Energy Institute.

Until acquisition by EDF in 2009 he was Head of Strategy and Business Development for British Energy, joining as the company was rescued by Government in 2003. Before moving into industry, he spent 17 years with Accenture where he was promoted to be senior partner, responsible for the UK Energy Strategy and Human Performance practices and service to global energy clients.

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 Mechanical Engineering from the University of Bristol.



## Prof Ludmilla Steier

Associate Professor of Inorganic Chemistry |  
Department of Chemistry, University of Oxford

 [Prof Ludmilla Steier](#)

Ludmilla Steier is an Associate Professor of Inorganic Chemistry in the Chemistry Department of Oxford University and John Goodenough Tutorial Fellow at St. Catherine's College. Her research focuses on designing and understanding catalysts for the synthesis of solar fuels such as green hydrogen from water or energy-rich small molecules from carbon dioxide. Ludmilla was awarded the 2023 Materials Chemistry Early Career Prize from the Royal Society of Chemistry for seminal contributions to the understanding of defect chemistry in semiconducting materials and interfacial energetics in photocatalytic and photovoltaic devices.



## Dr Marina Topouzi

Researcher | ECI, University of Oxford



Marina Topouzi is an interdisciplinary researcher with a strong background in building energy usage and demand. Her primary research focuses on understanding the complexities of energy transition as a socio-technical systems challenge, spanning various scales and proposing innovative solutions. The main focus of her research is on building retrofit processes and their alignment with net-zero energy targets, with particular attention to three critical areas: the timing and design of policies, the roles played by intermediaries and the supply chain, and the multifaceted benefits of energy efficiency measures. Prior to starting academic research on energy efficiency and buildings, she previously worked as a professional architect in a wide range of projects for the public and the private sector.



## Prof David Wallom

Professor in Informatics | Department of Engineering Science, University of Oxford



**Talk title:** Resilience, reliability & security in a future distributed energy system

David Wallom is a Professor in Informatics and Associate Director – Innovation of the Oxford e-Research Centre, where he leads the Energy and Environmental Informatics Research Group. He has led over 90 research projects in areas such as Cloud computing utilisation, Cybersecurity, Smart Energy Grids, Research Data Management, Green IT, ICT Security and Institutional Repositories. He is the founding course director of the MSc in Energy Systems at the University and was founding co-Editor in Chief of the Elsevier journal SoftwareX. He is now the Associate Head of Division (Capital, Estates and Safety) of the Mathematical, Physical and Life Sciences Division of the University of Oxford.





# Oxford Energy Network

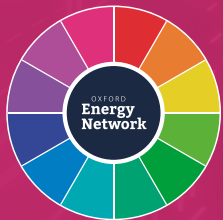
The Oxford Energy Network brings together researchers across the University of Oxford who are working to address the major technical, social, economic and policy challenges of providing secure, affordable and sustainable energy for all. The Network organises term-time seminars, with topical speakers examining energy research and practice.

 [Oxford Energy Network newsletter sign up](#)

 [www.energy.ox.ac.uk](http://www.energy.ox.ac.uk)

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**Karen Parry** | Oxford Energy Network Coordinator,  
Environmental Change Institute



# ZERO Institute

The ZERO Institute is a world-class, multi-disciplinary hub for zero-carbon energy research, education and innovation at The University of Oxford. The transition to a zero-carbon economy is amongst the greatest challenges humanity has ever faced: our goal is to guide global energy implementers towards a zero-carbon energy future, working closely with policy and practice.

 [www.zero.ox.ac.uk](http://www.zero.ox.ac.uk)

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 [ZERO Institute, University of Oxford](#)

