

THE FORESIGHT EVENT CONFERENCE + EXHIBITION

CONFERENCE AGENDA

Feb 4-5, Liverpool

Titanic Hotel Rum Warehouse



Shaping the Future of Energy

From hydrogen and CCS to nuclear, offshore wind, data centres and clean transport – the UK is powering a new energy future.

The Foresight Event is where it all comes together. Over two days of big ideas, bold debate and breakthrough insights, leaders from every corner of the energy transition will unite to shape the path forward.

We'll tackle the biggest challenges head-on – grid modernisation, industrial decarbonisation, financing net zero, scaling hydrogen, offshore innovation, and the race to decarbonise transport and data. Expect fresh perspectives, live audience debates, start-up pitches, and the critical conversations driving the UK's clean energy transformation.

[WEBSITE](#)

Focus Areas:

1. Clean Energy Strategy
2. Grid Modernisation
3. Next-Gen Nuclear
4. Data Centre Energy
5. Financing NetZero
6. Hydrogen at Scale
7. Clean Industry
8. Renewable Mix
9. Clean Transport



SIEMENS
energy



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**MICHELLE
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Flexibility Policy
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**TALMON
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**STEVE
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Energy Head
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**VIRGINIA
CROSBIE**
Partner; & Former
Member of Parliament



**LUCA
CORRADI**
Chief Technology
Officer



**IAN
LIVINGSTON**
Project Manager - Low
Carbon Solutions



**DAVID
STODDART**
Head of Nuclear
Manufacturing Group

Xometry | WHERE BIG IDEAS ARE BUILT

Xometry stands at the forefront of the energy sector's evolution, offering an AI-powered on-demand manufacturing platform that's indispensable for building a sustainable future. It's not just about making parts, it's about enabling the smart scaling of critical infrastructure and dramatically enhancing supply chain resilience. With a global network of over 10,000 vetted manufacturing partners, Xometry seamlessly supports projects from initial prototypes to full-scale production. Xometry's intuitive platform tools—including the Instant Quoting Engine, Teamspace for collaboration, and Target Price Orders—empower companies to adapt swiftly to market demands, accelerate next-generation energy solutions, and optimise every stage from lead times to part pricing. This unique blend of agility, robustness, and scalability makes Xometry the intelligent choice for developing essential components across both traditional and renewable energy landscapes.

Website
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Day One

Keynote Address

Powering a Net Zero Economy: The UK's Clean Energy Opportunity

Strategic policy priorities needed to deliver a decarbonised power system by 2030 and lay the foundation for long-term energy security, affordability, and industrial growth.

[WEBSITE](#)

Grid Modernisation – Reaching 2030

As we accelerate towards the UK's 2030 clean power target, the grid is emerging as both the enabler and constraint of progress. This opening session will explore whether our infrastructure, policy frameworks, and delivery systems are fit to support a future shaped by electrified industry, transport, heat, and the scaling of storage and hydrogen. Through a mix of keynote insight, system-wide analysis, and cross-sector perspectives, we'll examine how every part of the economy is now connected through the grid—and what it will take to build a system capable of holding it all.

Visionary Address: Mission Critical – Grid planning and Enabling Expansion

Presentation: What's the Current State of the Grid and what are the Key Immediate Next Steps?

Panel: Sector Demands vs System Reality

Fireside Chat: Power, Leadership, and Systems Thinking

The New Industrial Strategy: Making the Most of a New Strategic Direction for heavy industry

Heavy industry is one of the hardest sectors to decarbonise. This session explores how electrification, fuel switching and CCS can transform energy-intensive manufacturing, and ensure strategically important, clean industrial manufacturing stays in the UK. With fresh momentum from the government's new Industrial Strategy and renewed CCS funding commitments in the Spending Review, delegates will discuss infrastructure readiness, offtake models, funding mechanisms, and cluster delivery. The session will also consider how clean technologies, supported by clearer policy frameworks and long-term investment signals, can reshape British industry, boost competitiveness, and turn climate targets into commercial opportunity.

Visionary Address: Rewiring British Industry: Powering a Clean Industrial Revolution

Presentation: Engineering Net Zero: Inside the UK's Flagship CCS Project

Panel Discussion: The Buyer's Shift: What Offtakers Need from the Next Generation of Clean Energy

Investor Perspective: Financing Net Zero: Where Capital Meets Clean Infrastructure

Audience Poll: Powering Net Zero Industry: What's the Winning Formula?

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Next-Gen Nuclear: Powering the Net Zero Economy

Small modular reactors, advanced modular reactors, and fusion generation are redefining clean energy. Factory-built, flexible, and modular, they enable rapid deployment, are viable for co-location, and provide an abundant source of power. The UK is now seeing tangible progress in this space, with Rolls Royce SMR recently being chosen as the preferred bidder to partner with Great British Energy - Nuclear to build the country's first SMR. This new wave of nuclear is key to delivering net zero, energy security, and deep decarbonisation at scale, and this session will discuss new nuclear viability, new projects, and next steps for development.

Visionary Address: Energy Is, in Essence, the Currency of AI. Innovation Lies in Abundance

Presentation: Small Reactors, Big Impact: Delivering the Promise of SMRs

Panel Discussion: Is New Nuclear the NetZero Silver Bullet?

Fireside Chat: Building the Future: Inside the Journey of a Next-Gen Nuclear Developer"

Start-Up Pitch: From Impossible to Inevitable: The Fusion Innovation Changing Everything

Debate: Public Trust or Public Pushback: Can New Nuclear Win Hearts and Minds

Audience Poll: Fission, Fusion, or Friction? Cast Your Vote

Powering the Cloud: The Race to Decarbonise Data Centre Energy

Data centres present both one of the biggest opportunities and challenges within the UK's energy and digital transitions. Following the Government's target to increase public compute capacity twentyfold over the next five years, this session will discuss the implications for energy security and grid connection, and discuss the key priorities for ensuring that the energy sector acts as an enabler for AI growth. Discussion will look at the priorities for the new AI Energy Council and strategy, and what it means for data centre infrastructure, with specific discussion on AI Growth Zones, preparing for enhanced regulatory frameworks for data centre development, and other key considerations including water resource management.

Visionary Address: The New Essential Infrastructure: Powering Intelligence in the Age of Data

Presentation: Designing for Demand: Building a Data Centre That's Truly Sustainable

Panel Discussion: Behind the Rack: The Technologies Powering Next-Gen Data Centres

Innovation Spotlight: Innovative Solutions & Energy Innovation for the Data-Driven World

Audience Poll: Powering the Cloud: What Do You Think?

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Day Two

Keynote Address

Financing Net Zero: Unlocking the Next Wave of Clean Energy Investment

De-risking renewable energy projects and accelerating deployment through innovative financing models, examining the role of public investment vehicles, blended finance, and government-backed guarantees in crowding in private capital

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Hydrogen at Scale: Building the Market, Fast

Dispatchable low carbon generation through hydrogen is poised to be a crucial component to the renewable transition, and features heavily in the UK's decarbonisation strategy, with recent announcements within the Comprehensive Spending Review of £500m in extra funding for the sector. This session explores progress on HAR1 and HAR2 projects, and key discussion on how to scale production, connect infrastructure, and drive demand across mobility, heavy industry, and heat. participants will also examine the financing of hydrogen hubs and the policy frameworks required to unlock private investment at pace.

Visionary Address: The Hydrogen Horizon: A Vision for 2030 and Beyond

Panel Discussion: 2030 Is Coming Fast: Are We Building a Hydrogen Market or Just Projects?

Fireside Chat: Off Script: A Candid Conversation on Scaling Hydrogen

Innovation Spotlight: Power in Abundance: What's the Potential for the Natural Hydrogen Market?

Debate: Hydrogen in the Sky: Game-Changer for Aviation or Flight of Fancy?

Audience Poll: Hydrogen Hot Takes: What Do You Think?

Assessing the UK Renewables Mix: Scaling the UK's Clean Energy Future

This session explores the key technologies and processes advancing the UK's renewable energy transformation, including developments in offshore & onshore wind and solar. It will also discuss key emerging technologies such as geothermal, marine and tidal, and the UK's first commercial-scale floating offshore wind project. It will also discuss key policies such as the *Building the North Sea's Energy Future* consultation led by the UK Government and North Sea Transition Authority, the establishment of the Marine Energy Taskforce and £500m funding from the Crown Estate, and key priorities post-AR6, as the market gears itself for the critical seventh CfD Auction Round. We'll consider the sector's investment signals, workforce priorities, supply chain resilience, fast-track planning, and innovation pathways needed to scale renewables from megawatts to gigawatts

Visionary Address: Powering the Future: Renewables at the Heart of Net Zero

Presentation: Floating Forward: Scaling Renewables: Delivering Gigawatts with Certainty

Panel Discussion: From Offshore to Onshore: Building and Integrating a Balanced Renewable Mix

Start-Up Pitch: New Frontiers: Geothermal, Marine, and Beyond

Audience Poll: Renewables Readiness: Can we Meet our 2030 Target?

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Fueling Future Flight: Scaling SAF in the UK

The SAF market is expanding rapidly, driven by enabling policies including the UK SAF Mandate and the development of a revenue certainty mechanism to de-risk the transition to sustainable fuels. Building on this momentum, new initiatives are emerging across the UK – from partnerships exploring SAF production directly at airports, the concept of airports as energy and fuel hubs, and private developers advancing projects within the UK's industrial clusters. This session will explore the current landscape for UK SAF production, the support needed to secure resilient domestic supply chains, and the technologies and processes leading the way in SAF innovation.

Visionary Address: Net Zero Aviation by 2050: Ambition, Reality, Action

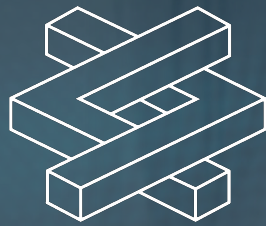
Presentation: Unlocking SAF Infrastructure: Building the UK's Production and Distribution Network

Panel Discussion: From Runway to Refinery: Where's the Real ROI in Sustainable Aviation Fuel?

Fireside Chat: Airlines in Action: How Operators Are Driving the SAF Transition

Start-Up Pitch: Next-Gen Flight Fuels: From Power-to-Liquid to Bio-Based Innovation

Audience Poll: SAF Transition: What's the Biggest Roadblock – Policy, Technology, or Finance?



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