

Showcasing Key Topics and Panellists for The Energy Landscape (ELUK2025) Conference & Exhibition, 15-16 October 2025, The Kia Oval, London

*Empowering the UK's Energy Future: Collaboration, Innovation, and Skills for Net-
Zero Success*

ELUK2025 Conference Agenda

- Conference Overview and Welcome
- ELUK2025 Sponsors & Supporters
- Panel Session Highlights: Key Topics and Questions
- How to Register: Join ELUK2025
- ELUK2025 Exhibition

Conference Overview and Welcome

Introduction to ELUK2025



Shaping the UK's Energy Future

ELUK2025 is the platform driving bold innovation and practical strategies to secure a sustainable, net-zero future.



Uniting Leaders & Decision-Makers

Bringing together the UK's top policymakers, industry pioneers, and global innovators to debate, collaborate, and deliver solutions.



Delivering Real Impact

Focused on actionable pathways, ELUK2025 tackles the toughest energy challenges with sustainable solutions that create growth, resilience, and climate progress.

Conference Objectives and Themes



🌐 **Delivering Net Zero** – Turning ambition into action with scalable strategies across nuclear, renewables, hydrogen, CCUS, fusion, and next-generation technologies to achieve a resilient, affordable, and fair transition.

⚡ **Transforming the Grid** – Driving renewable integration, storage, and smart digital solutions to modernise the UK's electricity system and meet surging demands from AI, data centres, and electrification.

🏠 **Financing the Transition** – Unlocking billions through innovative financial frameworks, insurance models, and public-private partnerships to accelerate clean energy investment at scale.

💡 **Innovation & Future Energy Sources** – Showcasing pioneering advances from small modular reactors to space-based solar power, fusion energy, and hydrogen hubs that will define the UK's leadership in global energy.

📋 **Policy, Skills & Communities** – Aligning bold reforms, workforce development, and community engagement to ensure the energy transition delivers inclusive growth, regional regeneration, and public trust.

🤝 **Collaboration for Impact** – Bringing together policymakers, investors, industry leaders, and innovators to forge solutions that strengthen UK energy security and position Britain as a clean energy superpower.

Venue and Schedule Highlights

Venue Location and Facilities

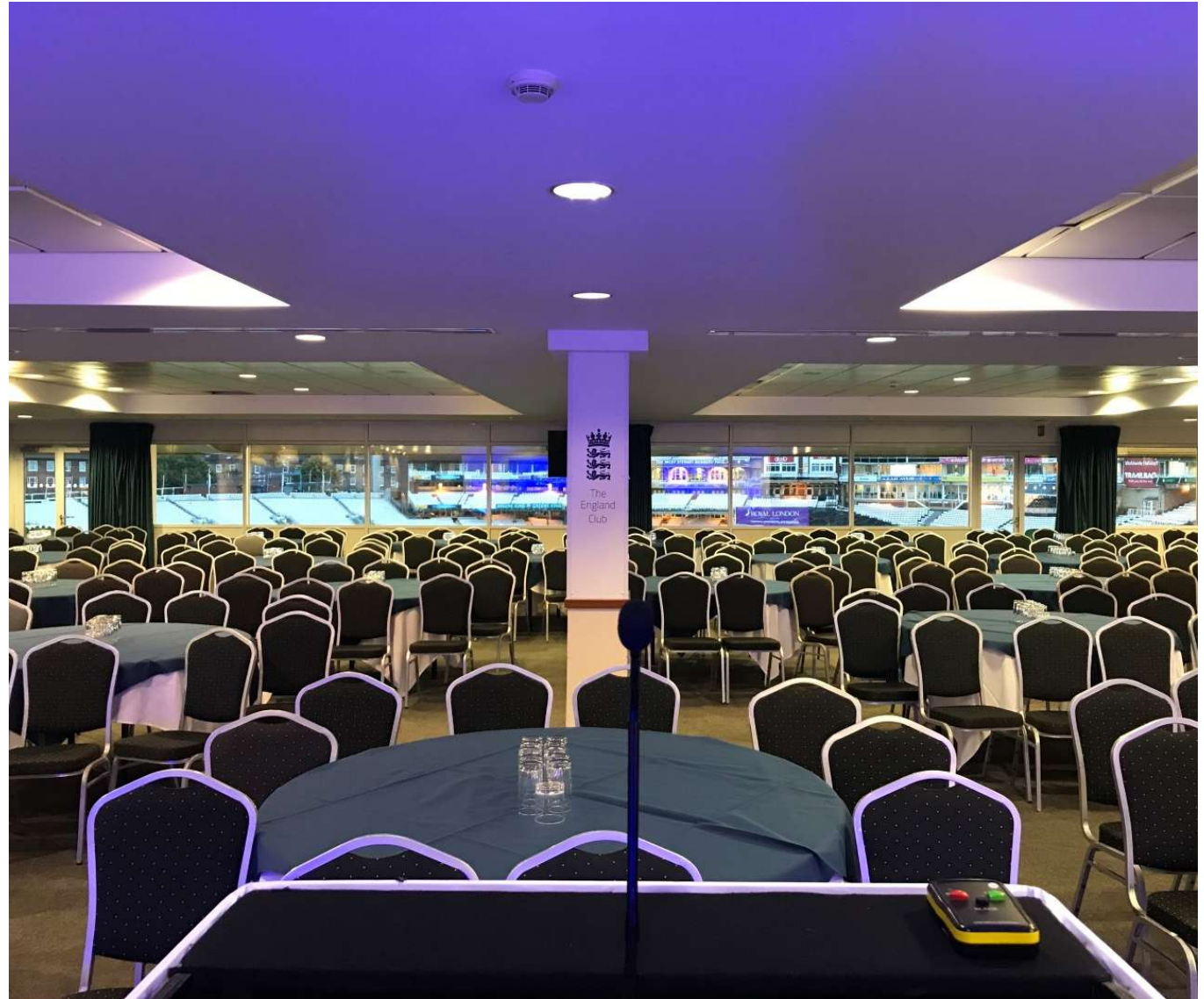
The Kia Oval provides a central London location with modern conference facilities and easy accessibility.

Conference Dates

The conference is scheduled for 15-16 October 2025, spanning two days of engaging activities.

Event Activities

Keynote sessions, panel discussions, networking opportunities, and an exhibition floor are key highlights of the conference.



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Authority



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Official XR Training Partner



"A heartfelt thank you to all our sponsors — your support powers ELUK2025 and helps drive the UK's net-zero future."

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Supporting Partner



Association Partner



Carbon Capture &
Storage Association



Skills Partner



"A sincere thank you to all our supporters — your collaboration helps amplify ELUK2025 and accelerate the UK's journey to net zero."

Panel Session Highlights: Key Topics and Questions

Panel 1: Net Zero Leadership

The UK has declared its ambition to lead the world on net zero – but can it turn bold announcements into delivery, while keeping energy affordable and secure? This panel will bring together voices across the political spectrum to debate the UK's role on the global stage, and the choices that will define its energy future.

🔑 Key themes the panel will explore:

- **From rhetoric to results** – what structural changes in policy, finance, and governance are needed to turn ambition into action?
- **The nuclear question** – cornerstone of long-term energy security, or an expensive gamble at the expense of faster, cheaper renewables?
- **The net-zero divide** – countering scepticism and building public trust to protect investment confidence and political support.
- **State vs. private leadership** – will Great British Energy accelerate the transition or risk crowding out private capital and innovation?
- **Global leadership in a volatile world** – balancing domestic energy security with international cooperation and competitiveness.

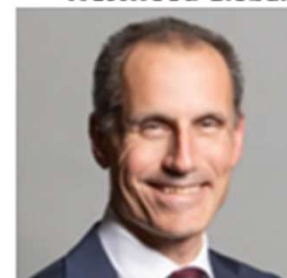
⚡ **A high-stakes debate on whether the UK can rise to the challenge – and prove itself a true leader in the global race to net zero.**



MODERATOR

David Linden

Westwood Global Energy Group | [Panel 1](#)



Bill Esterson

Labour MP | [Panel 1](#)



Sean Matthews

Reform UK | [Panel 1](#)



Natascha Engel

Palace Yard | [Panel 1](#)



Trevor Hutchings

REA | [Panel 1](#)

Panel 2: Financing Net Zero

How do we pay for net zero – and who carries the cost? This panel will cut through the rhetoric to examine the financing, investment, and risk frameworks that will make or break the UK's clean energy transition.

🔑 Key themes the panel will explore:

- **Global competition in green finance** – can the UK truly lead, or risk falling behind the US and EU?
- **Balancing investment priorities** – nuclear mega-projects vs decentralised solutions like hydrogen, storage, and AI-enabled grids.
- **Mobilising capital at scale** – bridging the multi-billion pound investment gap and moving institutional investors from pledges to real impact.
- **De-risking the transition** – closing insurance gaps, designing frameworks that outlast political cycles, and boosting investor confidence.
- **Public trust in green finance** – proving net zero investment delivers lower bills, jobs, and community benefits.

⚡ **A hard-hitting conversation on how the UK can unlock the capital needed to deliver net zero – fairly, securely, and at speed.**



MODERATOR

Dr Rebecca Heaton
KPMG | [Panel 2](#)



Allan Baker
Société Générale | [Panel 2](#)



David Mackey
CEF | [Panel 2](#)



Joe Dutton
AXIS | [Panel 2](#)



Ian Catterall
Howden CAP | [Panel 2](#)

Panel 3: Powering a Net-Zero Grid

The UK's electricity grid is the backbone of net zero – but can it keep pace with soaring demand, volatile bills, and the rapid rise of renewables, nuclear, and AI-driven data centres? This panel will confront the toughest choices about affordability, resilience, and fairness in building tomorrow's grid.

🔑 Key themes the panel will explore:

- **Affordability & fairness** – who pays for grid upgrades: households, taxpayers, or industry?
- **Breaking gridlock** – tackling connection delays, planning barriers, and system bottlenecks to speed up delivery.
- **Balancing technologies** – can nuclear, renewables, and storage complement each other, or are trade-offs inevitable?
- **The AI & digital surge** – preparing for a 20-fold increase in electricity demand from data centres and digital growth.
- **Equity & skills** – ensuring no communities are left behind while building the skilled workforce to deliver a modern grid.

⚡ **A critical discussion on how the UK can deliver a grid that is affordable, resilient, and inclusive – the essential foundation for achieving net zero.**



MODERATOR

Simon Virley

KPMG UK | [Panel 3](#)



Neil Kenward

Ofgem | [Panel 3](#)



Sam Mathew

Microsoft | [Panel 3](#)



Simon Morrish

Xlinks | [Panel 3](#)



Susana Neves e Brooks

NGED | [Panel 3](#)



Andrew Hibberd

Ecotricity | [Panel 3](#)



Lawrence Slade

ENA | [Panel 3](#)

Panel 4: Renewable Powerhouse

How can Britain scale its renewable powerhouse at speed – without driving up bills or losing investor confidence? This session will cut through competing priorities of growth, costs, and public trust to explore how the UK can cement its leadership in renewables while building a system that is fast, fair, and future-proof.

🔑 Key themes the panel will explore:

- **Financing the transition** – securing the £40 billion a year needed to keep the UK competitive against US and EU incentives.
- **Scaling smart** – balancing rapid deployment with critical investments in grid, storage, and digital resilience.
- **Public trust and affordability** – tackling rising bills, fair cost-sharing, and winning community support for solar and wind projects.
- **Energy security vs. sustainability** – balancing offshore wind, backup gas, and ecosystem safeguards while avoiding overreliance on any single technology.
- **Skills and workforce readiness** – ensuring the UK has the talent and training to deliver a renewable revolution at pace.

⚡ **A high-stakes debate on how Britain can deliver renewable growth at speed and scale – while staying affordable, resilient, and trusted by the public.**



MODERATOR

Adrian Del Maestro
AECOM | [Panel 4](#)



Andrew Elmes, Siemens
Gamesa | [Panel 4](#)



Tim Montagu
BHA | [Panel 4](#)



Alessandra De Zottis
Sonnedix | [Panel 4](#)



Abbie Badcock-Broe
National Grid | [Panel 4](#)



David Tattershall
Solarport | [Panel 4](#)

Panel 5: Nuclear Horizons

With Sizewell C underway and a UK–US nuclear pact hailed as the dawn of a “golden age,” nuclear energy is back at the centre of Britain’s net-zero roadmap. But can it scale quickly enough, win public trust, and deliver affordable energy while complementing renewables? This panel will confront the promises, risks, and opportunities of nuclear in the UK’s clean energy future.

🔑 Key themes the panel will explore:

- **Nuclear as a cornerstone** – can large-scale projects and SMRs stabilise the grid and complement renewables?
- **Jobs and just transition** – how nuclear investment can create long-term, high-quality careers and support regional regeneration.
- **Financing the future** – unlocking innovative models to fund mega-projects and accelerate SMR deployment.
- **Building public trust** – reshaping the narrative around nuclear safety, waste, and community benefits.
- **Beyond the grid** – how nuclear can power hydrogen, synthetic fuels, and wider industrial decarbonisation.

⚡ **A critical discussion on whether nuclear can truly fulfil its promise – delivering security, jobs, and innovation while driving the UK’s journey to net zero.**



MODERATOR

Mothi Sayeeram
KPMG | Panel 5



Andrew Champ
GE Hitachi | Panel 5



Andrew Storer
NucCol | Panel 5



Robert Alford
UKNNL | Panel 5



Simon Emeny
LRQA | Panel 5



Virginia Crosbie
Nuclear Capital LLP |
Panel 5

Panel 6: Skills for a Net-Zero Future

The UK needs to recruit and train 10,000 workers every year to meet net-zero goals – yet apprenticeship starts are falling, diversity is lacking, and global competition for talent is intensifying. Without urgent action, the skills gap could derail the entire energy transition.

🔑 Key themes the panel will explore:

- **Closing the skills gap** – what systemic reforms are needed to recruit, train, and retain the workforce of tomorrow.
- **Reskilling vs. new training** – how transferable are oil & gas skills to renewables, hydrogen, and nuclear, and where is deeper retraining essential?
- **The Skills Passport** – can a standardised, cross-sector framework unlock worker mobility, or is the complexity too great?
- **Government vs industry responsibility** – who should fund and deliver reskilling: government, business, or a blended model?
- **Diversity and inclusion** – why representation of women, minorities, and people with disabilities is critical to building a just transition.

⚡ This session will confront the workforce challenge head-on, exploring how to create a diverse, skilled, and future-ready energy workforce – one capable of powering the UK's journey to net zero.



MODERATOR:

John Kraus
EwB | [Panel 6](#)



Greg Beach
V360XR | [Panel 6](#)



Jamie East, University of
Cumbria | [Panel 6](#)



Simon Richardson
Energy Coast UTC | [Panel 6](#)



Lee Callaghan
ViRenewables | [Panel 6](#)



Lynne Matthews
Former Destination
Nuclear | [Panel 6](#)



Sarah Mintey
Developing Experts | [Panel 6](#)

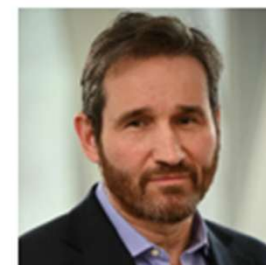
Panel 7: Decarbonising UK Industrial Clusters

Industrial clusters like Teesside, Humber, and Grangemouth are at the heart of the UK's decarbonisation strategy. With CCUS, hydrogen, and renewable integration now moving from ambition to delivery, the challenge is to ensure these projects deliver real emissions reductions, economic growth, and lasting community benefits.

🔑 Key themes the panel will explore:

- **From ambition to delivery** – what practical actions are needed now from government and industry to turn plans into real results.
- **Reframing CCUS and hydrogen** – positioning these technologies as drivers of growth, jobs, and regional regeneration, not just cost burdens.
- **What makes a successful cluster** – the critical ingredients: infrastructure, skills, investor confidence, and community buy-in.
- **Unlocking infrastructure** – building the CO₂ pipelines, storage, and hydrogen distribution networks that clusters depend on.
- **Staying competitive globally** – how UK clusters can attract investment and keep pace with the US and EU in the race to decarbonise industry.

⚡ This session will provide a blueprint for turning the UK's industrial heartlands into global leaders in sustainability – ensuring clusters deliver not just decarbonisation, but also economic renewal and community resilience.



MODERATOR:
Jonathan Briggs
VPI | [Panel 7](#)



Chris Rowell
Tees Valley Combined
Authority | [Panel 7](#)



David Parkin
Progressive Energy |
[Panel 7](#)



Jane Gaston
Net Zero North West |
[Panel 7](#)



Matthew Rhodes
Black Country | [Panel 7](#)



Alex Milward
DESNZ | [Panel 6](#)

Panel 8: Hydrogen Horizons

Hydrogen is hailed as a game-changer for the UK's net-zero journey – with nearly £500m committed and industrial clusters positioning themselves as global testbeds. But with questions over cost, scale, and public acceptance, can hydrogen truly deliver on its promise as the backbone of decarbonisation?

🔑 Key themes the panel will explore:

- **Hydrogen's role in net zero** – is it the backbone of decarbonisation or best reserved for hard-to-abate sectors?
- **Green vs. blue hydrogen** – striking the right balance between short-term affordability and long-term sustainability.
- **Industrial clusters as pioneers** – from Teesside to Humber, can regional hubs move from pilots to global leadership?
- **Hydrogen in heavy transport** – the future fuel for aviation, shipping, and freight, or will alternatives overtake it?
- **Building infrastructure at scale** – pipelines, storage, and distribution to unlock a national hydrogen backbone.

⚡ This session will unpack hydrogen's true potential – as an industrial workhorse, a transport fuel, and a catalyst for economic growth – while debating whether the UK is moving fast enough to lead the global hydrogen race.



MODERATOR:

Dr Michaela Kendall
Adelan | [Panel 8](#)



Helen Leadbetter
UK Civil Aviation
Authority | [Panel 8](#)



Rob Dale
Beyond2050 | [Panel 8](#)



Luke Sperrin
Digital Catapult |
[Panel 8](#)



Joe Seifert
EET Hydrogen | [Panel 8](#)



Dr Mike Rendall
AFC Energy | [Panel 8](#)

Panel 9: The Role of Oil & Gas in Achieving the UK's Net Zero Goals

North Sea oil and gas still supply over 40% of the UK's energy, yet net zero targets demand rapid decarbonisation. This panel will explore the tension between energy security and climate ambition – and whether oil and gas can be part of the solution or remain the central obstacle to progress.

🔑 Key themes the panel will explore:

- **Energy security vs. net zero** – can the UK truly balance both, or is it an unavoidable contradiction?
- **Drilling vs. decarbonisation** – do new licences alongside CCUS investment offer pragmatism, or mixed signals that undermine investor confidence?
- **CCUS under scrutiny** – is it a genuine climate solution at scale, or a political tool that risks locking in fossil fuels?
- **Jobs and regional regeneration** – will CCUS create sustainable employment and community benefits, or another cycle of boom and bust?
- **Global competitiveness** – can the UK's CCUS strategy position us as a leader, or will reliance on it leave us lagging behind the US and EU?

⚡ This session will challenge assumptions on whether oil and gas are indispensable partners in the net-zero transition – or industries that must be phased down. Expect fierce debate on energy security, climate responsibility, and the UK's role in the global clean energy race.



MODERATOR:
Robert Hines
Arup | Panel 9



Chris Gilbert
Decarbonisation
Consulting | Panel 9



Mark Sommerfeld
CCSA | Panel 9



Michael Foley
ExxonMobil | Panel 9



Nick Curum
AI Energy Think Tank |
Panel 9



Orlando Minervino
Xoserve | Panel 9



Philipp Lukas
Future Biogas | Panel 9



Clare Maio
KPMG | Panel 9

Panel 10: Integrating Energy Systems

From EVs and rooftop solar to AI-enabled smart grids and data centres, the UK's energy system is becoming more complex and interconnected. But can flexibility, digitalisation, and decentralisation scale quickly enough to keep pace with electrification and net zero targets – or will fragmented approaches create instability and inequality?

🔑 Key themes the panel will explore:

- **Flexibility first or afterthought?** Should flexibility markets be built ahead of new renewables to avoid grid instability?
- **From consumers to prosumers** – how can households, EV owners, and communities actively power the grid, and what does this mean for equity?
- **Digitalisation's promise and risks** – balancing AI and smart technologies with cybersecurity, privacy, and inclusivity.
- **Electrification at speed** – is the UK grid ready for mass electrification of transport, heating, and industry?
- **Integration vs. fragmentation** – are we building a coherent, flexible energy ecosystem, or a patchwork of disconnected pilots?

⚡ This session will tackle the big question: can the UK design an integrated, flexible, and secure energy system that empowers people, protects equity, and underpins the transition to net zero?



MODERATOR:
Joe Dutton
AXIS | Panel 10



Jeremy Yapp
Joulen | Panel 10



Jon Ferris
LCP Delta | Panel 10



Kit Fitton
Octopus Energy | Panel 10



Leo Rayman
EdenLab | Panel 10



Sarah Honan
ADE: Demand | Panel 10

Panel 11: Data Centres & AI

AI and data centres are reshaping the UK economy – but also driving an unprecedented surge in energy demand. With computing power set to grow 20-fold by 2030, the question is whether the UK can meet this demand with clean, affordable, and resilient energy, or whether AI will undermine the very net zero targets it claims to support.

🔑 Key themes the panel will explore:

- **The AI energy crunch** – can the UK scale renewables, nuclear, and storage fast enough, or should growth be capped until infrastructure catches up?
- **Tech giants & responsibility** – should companies like Google be required to fund renewable capacity and grid upgrades to offset their impact?
- **Short-term fixes vs long-term vision** – is reliance on gas as a “bridge fuel” pragmatic, or a dangerous lock-in to fossil infrastructure?
- **Efficiency vs excess** – will breakthroughs in AI optimisation and cooling systems be enough, or is regulation needed to limit runaway demand?
- **Equity & community benefits** – how do we ensure local communities benefit from data centre growth rather than just bearing the costs?

⚡ **This high-stakes discussion will confront the collision between AI ambition and energy reality – and ask how the UK can power digital growth while staying true to its net zero commitments.**

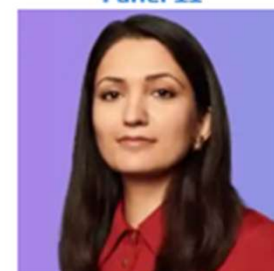


MODERATOR:

Derreck van Gelderen
PA Consulting |
Panel 11



Jephtha Allen
CBRE | Panel 11



Wafa Jafri
KPMG UK | Panel 11



Dr Tony Rooke
Howden | Panel 11

Panel 12: Future Energy Sources

From fusion to modular reactors to solar harvested in space, the UK is investing in frontier technologies that could transform the global energy system. But with net zero deadlines looming, are these bold bets breakthroughs we need – or expensive distractions from proven solutions?

🔑 Key themes the panel will explore:

- **Fusion's 2040 promise vs. today's urgency** – should billions go into long-term breakthroughs, or be redirected to scaling renewables and storage now?
- **SMRs & AMRs** – can modular nuclear reactors deliver flexible, affordable power at speed, or repeat past nuclear pitfalls?
- **Space-based solar power** – visionary step toward limitless energy, or a futuristic mirage?
- **Critical minerals & supply chains** – how to secure the resources powering next-gen tech without fuelling new geopolitical and ethical risks.
- **Jobs, leadership & risk** – can these industries deliver real regional regeneration and global UK leadership, or are we betting on the wrong horse?

⚡ **A future-focused debate on which technologies truly belong in the UK's net zero strategy – and what's at stake if we choose wrong.**



MODERATOR:

Dr Elina Militello Asp
UKAEA | [Panel 12](#)



Dr Hugo Doyle
First Light Fusion |
[Panel 12](#)



Itxaso Ariza
Tokamak Energy |
[Panel 12](#)



Martin Soltau
Space Solar | [Panel 12](#)



Rosemary Wildblood
DAS | [Panel 12](#)

How to
Register: Join
ELUK2025



Registration Details and Contact Information

QR Code Access

Scan the QR code to easily and quickly access the registration page or visit

<https://energislandscape.co.uk/elukdelegatebookingform>

Support Contact

Contact the Andy Beales via email or phone for any registration assistance needed.

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LIVE AGENDA

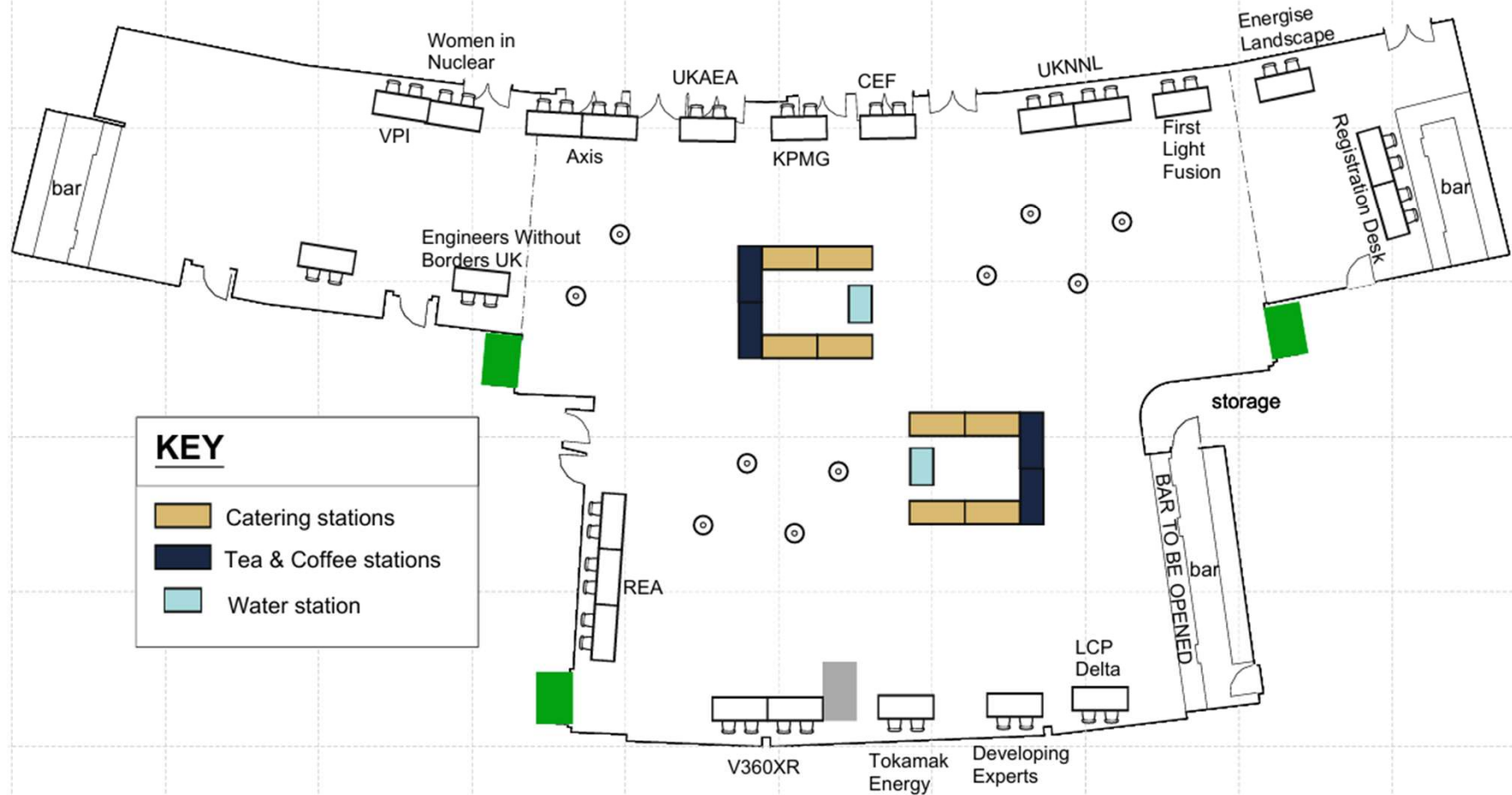
QR Code Access

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ELUK2025 Exhibition

Australia, Ashes, Suite 3



"To our exhibitors — thank you for bringing the future of energy to life at ELUK2025. Limited spaces remain. Contact andy.beales@energislandscape.co.uk to join us."

Why ELUK2025 Matters

Engaging Debates that Drives Action

More than just talk, every session at ELUK2025 is designed to challenge assumptions, spark bold ideas, and translate ambition into real-world solutions for net zero.

Unparalleled Networking & Collaboration

With 500+ leaders, policymakers, investors, and innovators in the room, ELUK2025 is where connections turn into partnerships that shape the future of UK energy.

Defining the UK's Net Zero Pathway

By bringing together the who's who of the energy ecosystem, ELUK2025 gives participants a direct role in setting the priorities, strategies, and technologies that will define the UK's journey to a secure, affordable, and sustainable energy future.

⚡ This is not just another conference. It's the place where the UK's energy transition is debated, decided, and delivered.

