



# UK Green Gas Day 2025

9th October 2025 | National Motorcycle Museum | Birmingham

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Along with actions to accelerate the roll out of energy efficiency measures and the deployment of renewables, green gases such as biomethane and low carbon hydrogen are key to reduce our dependency on fossil fuels and reliance on imported gas, as well as to deliver an energy future which is independent, secure, and stable.

The UK has been active in the development of green gas plants in the past decade, but more needs to be done to help us become self-sufficient. The growth of the green gas sector in the UK has been mostly supported by the Non-Domestic Renewable Heat Incentive (NDRHI) and, more recently the Green Gas Support Scheme (GGSS). According to Government statistics, the UK has 143 biomethane to grid projects registered under the NDRHI, with a further 31 projects in the pipeline. The GGSS is expected to contribute 4.3 MtCO<sub>2</sub>e of carbon savings via natural gas displacement over Carbon Budgets 4 and 5, and 10.7MtCO<sub>2</sub>e of carbon savings over its lifetime.

With the announcement of an extension of the GGSS to March 2028 and the ambitions in last year's Biomass Strategy publication for increases in Biomethane production to 30-40TWh by 2050, the government are investigating a future biomethane framework. New financial models that are not reliant on subsidies are also emerging for biomethane plants and along with certificates (GGCS) includes carbon capture and storage, making biomethane carbon negative and particularly valuable for companies that need to offset their residual GHG emissions. Green gases supplied for transport under the Renewable Transport Fuel Obligation (RTFO) have also been growing rapidly in recent years, particularly biomethane. Mobility is also likely to be one of the key sectors to kick-start the development of the clean hydrogen sector in the UK.

In the UK, and in the world, clean hydrogen is currently enjoying an unprecedented political and business momentum as a versatile and sustainable energy carrier, but the right policy and regulatory framework needs now to be in place to support the rapid scale up of this sector and deliver the necessary cost reductions. Policy to support clean hydrogen is developing at a fast pace in the UK and much innovation is being carried out to facilitate the safe and sound deployment of hydrogen production, injection into the gas network and different hydrogen applications. Innovative projects are underway that are integrating renewable electricity generation such as solar and wind with batteries and electrolyzers, and injecting hydrogen into the National Transmission System.

# WHY ATTEND?

The REA and CNG Services have been running the Green Gas Day since 2012. It is the largest industry gathering in the UK focused on green gases, including hydrogen, with over 300 people attending all previous years.

This year's Green Gas Day, will look at recent and future policy developments to support green gases such as biomethane and clean hydrogen, as well as the latest changes that will impact the green gas market.

UK Green Gas Day 2025 will also highlight the latest technical developments and showcase the industry's latest innovation on green gas production, connection to the grid, blending, process optimisation, adding value and green gas trading.

Come to UK Green Gas Day to meet project developers and operators, financiers, feedstock providers, waste hauliers, technology providers and government officials. Visit exhibition stands from all of the major suppliers to the green gas industry.

If you are involved in or interested in Green Gas, this is the one industry event in 2025 you can't afford to miss - it's THE event for the UK industry!

## Who Should Attend?

- Green Gas producers
- Organic waste producers/processors
- Waste management companies
- Landowners
- Food manufacturers
- Sustainability managers
- Farmers
- Investors and Financiers
- Insurance companies
- Gas grid owners
- Gas shippers and suppliers
- Government bodies and Regulators
- Green Gas Equipment suppliers
- Local authorities
- Haulage companies
- Retailers
- Consultants

## Pricing:

### Delegate 'early bird' Bookings:

REA Member - £205+VAT  
GGCS Member - £190+VAT  
REA Non-Member - £275+VAT

### For Exhibitor/Sponsorship Details Contact:

julie.lazenby@cngservices.co.uk  
0121 247 8160

## Directions:

By Car: The National Motorcycle Museum is located directly off Junction 6 of the M42, directly opposite the NEC

By Plane/Train: Birmingham International is a short taxi drive away

Venue Address: National Motorcycle Museum, Coventry Road, Bickenhill, Solihull, West Midlands. B92 0EJ

To book your delegate place visit: <https://www.r-e-a.net/events/uk-green-gas-day/>

# UKGGD 2025 - Programme

09:00-09:30 Refreshments and Registration  
09:30-09:40 **Welcome and introductions** John Baldwin MD CNG Services Ltd

## Introduction Session

09:40-09:45 **Chaired by Helen Motwani**  
REA  
09:45-10:00 **Introduction. State of the Sector**  
David Hurren, REA  
10:00-10:15 **GGSS/Consultation Update**  
Mark Davis- DESNZ  
10:15-10:30 **Energising the Future with Low Carbon Molecules**  
Chiara Zennaro, Centrica  
10:30-10:45 **Shifting Policy and Regulation: What's Next for Anaerobic Digestion?**  
Jenny Grant, REA  
10:45-10:55 **Q&A**

**10:55-11:25 Morning Refreshments and Networking**

## Green Gas Taskforce (GGT) Studies

11:25-11:30 **Chaired by Erica Brown**  
Future Energy Networks  
11:30-11:45 **2025 and 2026 GGT Work Programme**  
Charles McAllisiter, GGT  
11:45-12:00 **Feedstock Availability**  
Lucy Hopwood, Alder Bio Insights  
12:00-12:15 **Reducing the cost of Net Zero with Biomethane**  
Robert Garner, Baringa  
12:15-12:30 **Biomethane for HGVs**  
Darren Newman, Low Carbon Truck Consultancy  
12:30-12:40 **Q&A**

**12:40-13:40 Lunch and Networking**

## Carbon Capture Utilisation and/or Storage

13:40-13:45 **Chaired by David Hurren**  
Chair of REA Green Gas Forum  
13:45-14:00 **Commercial opportunities and risks for CO2 capture at biomethane plants**  
Josie Armstrong, AFRY  
14:00-14:15 **Biomethane and GGR**  
Mark Sommerfeld, Carbon Capture & Storage Association  
14:15-14:30 **BioCO2 access to HyNet and CCS clusters**  
Andrew Cornell, Progressive Energy  
14:30-14:45 **Biogas to Biomethane: The Carbon Trail**  
Helen Edwards, Ceres Group  
14:45-14:55 **Q&A**

**14:55-15:15 Afternoon Refreshments and Networking**

## Gas Grid Operators

15:15-15:20 **Chaired by Ciaran Burns**  
REA  
15:20-15:35 **Cadent Approach to Biomethane**  
Sebastian Burgess, Cadent Gas  
15:35-15:50 **SIU Project, Biomethane CNG to supply two 'off-grid' towns**  
James Fraser, SGN  
15:50-16:05 **Reverse Compression Update**  
John Baldwin, CNG Services  
16:05-16:20 **GEUs: Design, Function, and Harmonisation**  
Carolyne Tran, Bohr  
16:20-16:30 **Q&A**  
16:30-16:40- Closing remarks - John Baldwin

**16:40 Close**

## Speakers & Chairs



### **John Baldwin, Managing Director - CNG Services Ltd**

John started his career as a graduate engineer in British Gas and worked on projects including South Morecambe, CATS and Armada. He then worked in Transco looking after the National Transmission System (NTS) in the period 1995 – 98 when many of the first wave of CCGTs were built as well as the UK-Continent Interconnector and a £350 Million expansion of the NTS. He is a former Chairman of the Renewable Energy Association Biogas Group. His company CNG Services Ltd is a niche EPC Contractor and consultant in biomethane, including building the first commercial reverse compression project in GB. He has 41 years' experience in the gas industry, fossil and renewables.



### **David Hurren, Chair of REA Green Gas Forum**

David graduated from Imperial College in Chemical Engineering. For most of his career he worked in the Industrial Gas industry, apart from a 4 year spell in water & wastewater treatment. After 25 years with Air Liquide UK, including setting up and leading Air Liquide's Biogas operations in the UK over the 7 years he is now working as a consultant/board advisor with knowledge on Biomethane Production, Transport and Use; Biogenic CO<sub>2</sub>; Hydrogen; and managing start-ups and rapidly growing businesses in the Renewables Sector. Recent work has particularly focused on CO<sub>2</sub> and Biomethane and as well as leading roles in a number of trade associations he is an experienced conference moderator.



### **Lucy Hopwood, Director - Alder BioInsights**

Lucy has over 20 years' experience as a consultant and adviser in bioenergy and anaerobic digestion (AD). She comes from an agricultural background, trained in crop management and originally specialised in feedstock supply to the bioeconomy, focussing on agricultural, forestry and waste production systems before moving her focus to associated treatment or conversion technologies.

Lucy is responsible for providing strategic advice, planning and technical support on bioenergy policies, technologies and markets with specific objectives to de-risk developers and investors decisions and to provide technical support to policy makers to help shape the future policy landscape.



### **Mark Davis, Corporate Finance Adviser - Department for Energy Security & Net Zero (DESNZ)**

Mark joined the Department in December 2019 to advise the Industrial Energy Transformation Fund (IETF) and other industrial decarbonisation policy areas. He moved to the Clean Heat Directorate in June 2023 to focus on Biomethane and Electrification. Prior to DESNZ, Mark worked for BluePath Finance and, before BluePath, as an analyst in the financial markets, focusing on clean technology and renewable energy.



### **Charles McAllister, Director - Green Gas Taskforce (GGT)**

Charles is the Director of the Green Gas Taskforce, a campaign group which is working to increase the profile of biomethane and improve the policy environment in order to deliver growth in the sector. Charles has worked in the energy sector for the last 10 years.



### **Chiara Zennaro, Regulatory Affairs Manager for GB gas, biomethane and hydrogen - Centrica Energy**

Chiara is a Regulatory Affairs Manager for GB gas, biomethane and hydrogen at Centrica Energy. She keeps track of key policy developments that are critical to support Centrica's hydrogen, biomethane and gas trading activities. She engages with policy decision makers and other stakeholders on behalf of the business, to ensure the right framework, standards and business models are in place to support the hydrogen and biomethane markets ramp up, and to facilitate cross border trade of low carbon fuels such as biomethane and hydrogen. Chiara has over a decade of experience on policy and advocacy work with focus on clean energy and decarbonisation policies.



### **Erica Brown, Head of Policy - Future Energy Networks**

As Head of Policy at Future Energy Networks, Erica liaises with DESNZ, NESO, Ofgem and others to champion the positive contribution that gas networks can make to clean power and net zero through the transport of green gases such as hydrogen and biomethane through GB's world class gas pipelines.



### **Jenny Grant, Head of Circulat Bioresources - REA**

Jenny has been involved with the organics recycling industry for over 23 years. She is Head of Organics and Natural Capital for the REA (Renewable Energy Association). REA Organics promotes the benefits of composting, aerobic and anaerobic digestion and other biological treatment and the use of biologically treated materials. Jenny works with Government and Regulators on behalf of members. She provides technical advice to compost producers and AD operators, delivers training, assists operators with achieving end of waste certification and advises on recycling of organics to land. She is a Chartered Wastes Manager.



## Speakers & Chairs



### **Mark Sommerfeld, UK Director - Carbon Capture Storage Association (CCSA).**

Mark leads efforts to advocate for a robust policy and regulatory framework to advance the UK's carbon capture, usage and storage (CCUS) sector. With over a decade of experience in the energy and environmental sectors, Mark has worked closely with renewable energy developers, government ministers, civil servants, energy suppliers, grid operators, financiers, and traders. Before joining the CCSA, he worked as Deputy Director of Policy at the Renewable Energy Association (REA), where he championed renewable and clean technologies across power, heat, and transport. Notably this included leading policy initiatives for BECCS development in the biomass power, waste-to-energy, and anaerobic digestion sectors. Mark holds degrees from Cambridge University and the Cambridge Institute for Sustainability Leadership. He is also a Fellow of the Royal Geographical Society.



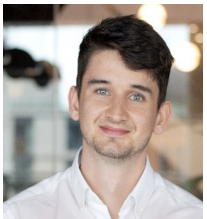
### **Helen Edwards, CEO - Ceres Energy**

Helen has over 40 years' experience in the energy industry and is an expert on gas purchasing, supply, shipping and regulation in the UK and Ireland. Her roles in trading, gas shipping and pricing means she has a very commodity-centric view of energy markets. She founded Ceres Energy in 2008.



### **Josie Armstrong, Senior Principal - AFRY Management Consulting**

With 20 years of experience in commodities consulting—including chemicals, fertilisers, industrial gases, metals, and energy—Josie brings deep expertise to the evolving low-carbon fuels landscape. Since joining AFRY in 2022, she has focused on biomethane, hydrogen, ammonia, and CCUS/CO<sub>2</sub>, advising project developers, investors, financiers, and policy-makers on strategic decisions across the UK and Europe. Her recent work includes due diligence of biomethane assets in the UK, with a particular focus on by-product revenue streams such as liquid CO<sub>2</sub> and digestate. Josie holds a Master's in Chinese and Business from the University of Leeds, and an MA (Hons) in European Studies from the University of Edinburgh.



### **Robert Garner, Senior Consultant - Baringa Energy**

Robert is a senior consultant in Baringa's Energy and Resources practice. He is a specialist in energy systems modelling, advising clients on climate risk and the energy transition, and helping renewable developers navigate carbon and biofuels markets. Robert holds a MEng in Mechanical Engineering, and a PhD specialising in systems modelling with hydrogen. He also holds a Master's in Chinese and Business from the University of Leeds, and an MA (Hons) in European Studies from the University of Edinburgh.



### **Ciaran Burns, Green Gas Policy Manager - REA**

Previously Ciaran ran the Biofertiliser Certification Scheme and the Green Gas Certification Scheme within REA before embarking on a PhD on flexible biomethane production at the University of South Wales, and subsequently further research into nutrient recovery from digestates. Ciaran now leads the REA policy work around biomethane and hydrogen with some coverage of CCUS and other aspects of anaerobic digestion.



### **Darren Newman, Owner - Low Carbon Truck Consultancy Ltd**

Darren is the owner of Low Carbon Truck Consultancy, a business established to support the road freight industry through the transition from fossil fuels to a renewable future.

Having spent over three decades working for various truck manufacturers in sales, product management, alternative fuels and finance, he started his business in 2020 and works with various stakeholders across the road transport decarbonisation arena, from energy providers, vehicle providers to vehicle operators and funders.

Darren has a deep knowledge of the sector and the challenges it faces in the coming years as it adopts new technology, new energy sources and new operating patterns. He is a regular contributor to many forums and groups on the topic and has a passion for making sure the industry voice is heard and its important contribution to the economy recognised.



### **Carolyn Tran, Project Manager - Bohr**

Carolyn joined Bohr in November 2024 as a Project Manager. At Bohr, her focus is close collaboration with Site integrators, Operators and Gas Distribution Networks (GDNs) to ensure overall cohesion and compliance of Gas Entry Units to the National and GDN standards and regulations. Prior to Bohr, she has held key roles in project delivery and operations within the waste-to-RNG industry including waste processing, anaerobic digestion, gas upgrading, and gas analysis.



### **Andy Cornell, Senior Project Developer - Progressive Energy**

Andy is an engineer and accountant with more than 30 years of experience deploying innovative technologies. He is currently a senior project developer at Progressive Energy, a developer of low carbon energy projects, and was previously Chief Executive Officer of ABSL, a leading waste gasification project. He has extensive experience of carbon capture, whole energy system modelling and waste-to-X technologies through work with major oil, gas, waste and energy companies. Andy has a Masters from the University of Surrey and a Degree from the University of Warwick.

**James Fraser, Project Manager - SGN**

James is project manager in the Strategy & Regulation directorate at SGN, working on projects related to hydrogen blending, decarbonisation of SGN's remote networks and modelling of the energy transition. Prior to joining SGN in 2022, James worked as a postdoctoral researcher at the University of Glasgow developing and testing novel electrolyser configurations for the production of hydrogen from water.

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