



UK Green Gas Day 2023

11th October 2023 | National Motorcycle Museum | Birmingham

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ORGANISED BY:



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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.

Along with actions to accelerate the roll out of energy efficiency measures and the deployment of renewables, green gases such as biomethane and clean hydrogen are key to reduce our dependency on fossil fuels and reliance on imported gas from Russia, 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. Another 45 biomethane plants are also expected to be developed over the life of the GGSS.

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.

New financial models that are not reliant on subsidies are also emerging for biomethane plants with carbon capture and storage, which make biomethane carbon negative and particularly valuable for companies that need to offset their residual GHG emissions.

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 2023 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.

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 Bookings:

REA Member- £190+VAT
GGCS Member- £190+VAT
REA Non-Member- £270+VAT

For Exhibitor/Sponsorship Details Contact:

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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

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/>

DRAFT AGENDA - Correct as of 24.07.23 Subject to Change

09:00-09:30- Refreshments and Registration

09:30-09:40- Welcome and introductions- TBC

UK and EU Biomethane Market Update

09:40-09:45- Chaired by John Baldwin, CNG Services

09:45-10:00- Europe's biomethane plan- 12 months on

Harmen Dekker, European Biogas Association- Invited

10:00-10:15- UK Government policy- Green Gas Support Scheme and beyond

James Davis, DESNZ

10:15-10:30- GB Market update and biomethane innovation in Bio-CO2, E-CH4 and Reverse Compression

John Baldwin, CNG Services

10:30-10:45- Never Vent Biogenic CO2 / themes of quality, end of waste and what makes a food grade gas

David Hurren

10:45-11:00- The Future Biogas Way

Philipp Lukas, Future Biogas- Invited

11:00-11:10- Q & A

11:10- 11:30- Morning Tea/ Coffee break & Networking

Future of Green Gas and the Gas Networks

11:30-11:35- William Mezzullo, Head of Hydrogen , Centrica- Invited

11:35-11:50- National Infrastructure Commission- Report follow up

James Richardson, National Infrastructure Commission- Invited

11:50-12:05- Balancing deployment scenarios of biomethane and hydrogen

Angus Paxton, Poyry

12:05-12:20- View from the gas networks

James Earl, Energy Networks Association- Invited

12:20-12:35- Future of the gas grid

Nic Crowe, Grissan- Invited

12:35-12:50- Update from Republic of Ireland

Declan O'Sullivan, Gas Networks Ireland- Invited

12:50-13:00- Q&A with panel discussion

13:00-14:00- Lunch/Networking

Regulatory Session

14:00-14:05- Chaired by TBC

14:05-14:20- HSE, environmental permitting for site, spreading of digestate to land (end of waste/farming rules for water), planning
TBC

14:20-14:35- Sustainability reporting and compliance: risks and value

Lucy Montgomery, NNFCC The Bioeconomy Consultants

14:35-14:50- Maximising Biomethane Gas to Grid Availability

Russell Brown / Neil Stuchbury, nZero Group

14:50-15:00- Q&A

15:00-15:20- Afternoon Tea/Coffee break and Networking

Commercial Developments

15:20-15:25- Chaired by David Hurren- TBC

15:25-15:40- Growth in biomethane as a transport fuel in UK

Phillip Fjeld, CEO ReFuels

15:40-15:55- Biomethanol or biomethane using green hydrogen and bio CO2

Bill Reid, Ex Ineos- Invited

15:55-16:10- Biomethane from manure with CCS

Charlie Steer, Grosvenor Estate Farms- Invited

16:10-16:25- Turning Gas into Money: Optimised Routes to Market

Rosanna Butters, Barrow Green Gas

16:25-16:35- Q&A

16:35-16:45- Closing remarks TBC

16:45 Close

OUR EXHIBITORS SO FAR....



Correct as at 15.08.23- Subject to change