



UK Green Gas Day 2023

11th October 2023 | National Motorcycle Museum | Birmingham

Follow us on:
@UKGreenGasDay



ORGANISED BY:



SPONSORED BY:



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.

DRAFT AGENDA - 04.10.23 Subject to Change

09:00-09:30- Refreshments and Registration

09:30-09:40- Welcome and introductions- Dr Nina Skorupska CBE, REA's CEO

UK and EU Biomethane Market Update

09:40-09:45- Chaired by Sara Bartle, REA

09:45-10:00- Europe's REPowerEU target for biomethane – 12 months on
Harmen Dekker, European Biogas Association

10:00-10:15- UK Government policy- Green Gas Support Scheme and beyond
Mark 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, President BCGA

10:45-10:55- Q & A

10:55- 11:25- Morning Tea/ Coffee break & Networking

Future of Green Gas and the Gas Networks

11:25-11:30- Chaired by John Baldwin, CNG Services

11:30-11:45- Balancing deployment scenarios of biomethane and hydrogen
Angus Paxton, AFRY

11:45-12:00- Reducing barriers to biomethane injection projects to help NetZero
Alison Cartwright, CNG Services Ltd

12:00-12:15- Cadent's Biomethane Strategy
David Moon, Cadent Gas

12:15-12:30- Scaling up biomethane and the future of the gas grid
Nic Crowe, Grissan

12:30-12:40- Q&A with panel discussion

12:40-13:40- Lunch/Networking

Regulatory Session

13:40-13:45- Chaired by Paul Thompson, REA

13:45-14:00- SHEQ- COMAH Biogas classification. EA and tank integrity testing
Colin Mills, Future Biogas

14:00-14:15- Sustainability reporting and compliance: Risks and value
Lucy Montgomery, NNFFCC The Bioeconomy Consultants

14:15-14:30- Maximising Biomethane Gas to Grid Availability
Russell Brown, nZero Group

14:30-14:40- Q&A

14:40-15:00- Afternoon Tea/Coffee break and Networking

Commercial Developments

15:00-15:05- Chaired by David Hurren, President BCGA

15:05-15:20- Growth in biomethane as a transport fuel in UK
Luke Preston and Shane Doherty, Refuels

15:20-15:35- Biomethanol or biomethane using green hydrogen and bio CO₂
Achim Raschka, nova-institut GmbH

15:35-15:50- Biomethane from manure with CCS
Charlie Steer, Grosvenor Estate Farms

15:50-16:05- Turning gas into money: Optimised routes to market
Rosanna Butters, Barrow Green Gas

16:05-16:15- Q&A

16:15-16:25- Closing remarks - John Baldwin, CNG Services Ltd

16:25 Close

OUR EXHIBITORS

