



## YOUR NGN NEWS UPDATE

February 2022

### Record number of homes receive biogas



Hydrogen is not the only way NGN is tackling the government's challenging net zero carbon target. Nearly 55,000 homes across our network were fuelled by the renewable gas biomethane over the last year.

The amount of biomethane produced across our network increased by almost 10%, meaning the equivalent of 5,000 more homes received renewable gas in 2021, with the amount of biomethane injected into the grid representing enough gas to serve the household needs of a town nearly the size of Middlesbrough.

Biomethane is a renewable gas produced through anaerobic digestion and is a substitute for the natural gas transported through the gas grid. Unlike natural gas, biomethane is carbon

neutral and can therefore play a vital role in helping to reduce emissions.

To produce biomethane, anaerobic digesters are fed with waste products such as sewage sludge or food waste. The material is left to break down naturally and in the absence of oxygen it creates biogas, which can be upgraded to biomethane and sold for injection into the gas grid.

Since first accepting biomethane into the gas grid in 2014, the amount of green gas being used to heat homes and businesses has increased year on year.

Emma Buckton, Supply Strategy Lead for NGN, explains: "In 2020 we had a bumper year for biomethane injection, with an increase in biomethane production of 50% from 2019. In 2021 we saw another record-breaking year. We're delighted with this performance as we had to overcome resource and supply chain challenges caused by the pandemic.

"We were able to increase production by strengthening our relationships with our existing biomethane production sites and we're confident that the recently launched Green Gas Support Scheme (GGSS) will encourage more new connections to our network and boost production even further."

## Take a tour of our Hydrogen Home



We're opening the door to our Hydrogen Home in Gateshead with a series of open days, giving you the chance to see how your house could be heated in a net zero future.

And if you aren't able to visit, or fancy a sneak peak from the comfort of your own home, you can also check out our Hydrogen Home video tour.

Alex Brightman, who leads the tours, shows you 100% hydrogen appliances, including boilers, cookers and fires. She explains how each appliance works and how it differs from the natural gas versions used in millions of homes today.

If you want to book on one of our public open days and visit in person please go to our [events page](#) where all our current events are posted with new dates added regularly.

**Watch the video tour of our Hydrogen Home**

## Get involved

## Workshops

Our next **Customers In Vulnerable Situations** workshop will be held on **Tuesday 22<sup>nd</sup> March (09:45 – 13:15)** and will be our annual Strategic Workshop event, which will last 4 hours. The session will include a review of 2021, our proposed plans for 2022 and explore the priorities and hot topics you want to engage with us on over the next year.

Further details will be posted on our [engagement and events website](#) shortly where you will be able to book a place at the workshop.

## Conference

We're planning to hold our first annual stakeholder conference in July 2022 and we'd love to know what the key issues and challenges are that you want us to address and would like to talk to us about at the event.

Please **drop us an email** at [stakeholder@northerngas.co.uk](mailto:stakeholder@northerngas.co.uk) and tell us what topics and issues you'd like to discuss at the event, and we'll keep you posted with more details in the coming months.

### **Get in touch...**

If you have any feedback about this e-bulletin or any questions about our work, we'd love to hear from you.

Just email [stakeholder@northerngas.co.uk](mailto:stakeholder@northerngas.co.uk)

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