**Response to Hydrogen Village Trial Detailed Design Studies**

**11 April 2022**

**About Baxi Heating**

In the UK and Ireland, Baxi Heating has a portfolio of some of the best known and most respected brands in the domestic and commercial heating industry, including Baxi; Heatrae Sadia; Megaflo; Remeha; Andrews Water Heaters; Potterton Commercial; and Packaged Plant Solutions.

Our mission, vision and values underpin everything we do: the way we behave, how we work with our stakeholders and the pride we take in our products and services.

Our aim is to deliver best value through reliable, energy efficient products and high-quality service and technical support, while promoting environmental, social, and economic sustainability.

We seek to identify and minimise carbon emissions, noise pollution, waste, and packaging in our workplace, in our products and throughout the supply chain, and we have committed to net-zero operations by 2030. Read our Sustainability Report [here.](https://www.baxiheating.co.uk/sustainability)[[1]](#footnote-1)

We are committed to supporting the energy transition towards a zero-carbon economy. We advocate a collaborative approach, focusing on high efficiency domestic and commercial heating and hot water solutions that meet our customers’ needs. We are actively working with industry bodies and the government to help shape the heating industry of the future as the UK and Ireland move towards net zero emissions by 2050. See more about the Future of Heat [here](https://www.baxiheating.co.uk/the-future-of-heat).[[2]](#footnote-2)

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**Consultation Questions**

**1. Do you agree with our minded-to decision on the projects to fund?**

Yes.

With assistance from the BEIS funded Hy4Heat programme[[3]](#footnote-3) we have developed hydrogen fired combination and system domestic boilers which are operating in several live demonstration projects today[[4]](#footnote-4)[[5]](#footnote-5). Pure hydrogen and hydrogen-ready boilers across a range of outputs, types and sizes are in development now with a view to commercial availability in due course, with a view to supporting large scale trials as detailed in the HMG Hydrogen Strategy,

Throughout the duration of Hy4Heat we have built relationships with all Gas Distribution Networks (GDN’s) and stand ready to support scale deployment, including the upcoming H100 project[[6]](#footnote-6).

We are in discussion now with Cadent and NGN regarding the availability of products for the village trial, including light commercial appliances as well as domestic boilers.

Moving ahead with village scale projects will help to establish and normalise hydrogen boilers together with providing valuable evidence on the supply conversion to a large number of properties.

**2. Do you have any views on the proposed project deliverables for Cadent and NGN, and whether further deliverables are required?**

All appear reasonable and we can assist the respective GDN’s with training, communications, and marketing activity as necessary.

**3. Do you have any views on the proposed directions for the projects contained in Appendix 2 to 4?**

No.

1. https://www.baxiheating.co.uk/sustainability [↑](#footnote-ref-1)
2. https://www.baxiheating.co.uk/the-future-of-heat [↑](#footnote-ref-2)
3. https://www.hy4heat.info/wp4 [↑](#footnote-ref-3)
4. https://cadentgas.com/news-media/news/july-2021/first-hydrogen-homes-open-to-the-public [↑](#footnote-ref-4)
5. https://www.dnv.com/oilgas/perspectives/testing-paves-the-way-for-hydrogen-use-in-homes.html [↑](#footnote-ref-5)
6. https://www.sgn.co.uk/H100Fife [↑](#footnote-ref-6)