

# Kiwa Training Quarterly Hydrogen Focus



Kiwa has a pioneering position in identifying new applications for hydrogen. From our expertise in the field of gas and gas infrastructure, the role that the existing gas pipeline networks can play in the deployment of hydrogen is evident. There is clear potential for hydrogen as an energy source for both the built environment and in the transport sector.

Hydrogen is a Kiwa area of expertise. The Kiwa Gas team has a unique blend of 'boots on the job' engineering experience and a pool of scientists advising government, gas network operators and related trade bodies. We support decision makers with practical knowledge as well as scientific understanding from teams immersed in the industry and engaged with its stakeholders. Want to know more? [Read our case studies here](#).

Kiwa Gastec is currently involved in an exciting local hydrogen project to produce hydrogen from biogas and pipe to our labs. This is the culmination of considerable research, collaboration and coordination and is making terrific progress.

Kiwa House took delivery of the [HyGear Steam Methane Reformer \(SMR\)](#) straight from the Netherlands at the end of 2020. The SMR will allow us to take methane produced from a nearby anaerobic digestion plant, produce hydrogen from it and pipe it into our hydrogen testing labs.

And then arrived ... The Bullet. At 16m long, with a volume of 106m<sup>3</sup>, the ['Bullet' arrived at Kiwa Gastec](#) from Wefco in Gainsborough. Hydrogen produced by the SMR using biogas from a local biogas plant will be stored in the Bullet.

This hydrogen will be used for testing commercial and domestic hydrogen boilers, fires and cooking appliances in our [NEW Hydrogen Lab](#), as well as [accredited hydrogen training](#), once written.

Kiwa Gastec Training have responded to the development of the Hydrogen market by creating a 1hr Hydrogen Seminar, full of information relevant to Domestic and Non-Domestic Gas Installers. The Seminar has already been popular with Engineers working in both the Social Housing Sector, and those working closely with Local Authorities.

If you would like to learn more, or have a bespoke Training requirement we can support you with, get in touch with the Training Team on 01242 662121 or at [uk.training@kiwa.com](mailto:uk.training@kiwa.com)

We'll keep you updated on these developments in future issues.