Developing domestic gas appliances

An important element of the Hy4Heat programme is developing domestic appliances that can be used with hydrogen gas: fires, boilers and cookers.

The Department of Business, Energy & Industrial Strategy is looking to appoint contractors to design, develop and test:

- Domestic gas boilers
- Gas cookers
- Gas fires all using hydrogen gas

Register with us

Email your contact details and your organisation’s name to receive updates and have a chance to contribute to the Hy4Heat programme through surveys etc.

Hy4Heat@arup.com

Supplier event Friday 15 June 2018

An event for potential suppliers interested in bidding for contracts to develop gas fires, boilers and cookers using hydrogen is being held:

Friday 15 June 2018
BEIS Conference Centre
1 Victoria Street
SW1H 0ET

To register your interest email: Hy4Heat@arup.com
Carbon Dioxide is contributing to climate change and global warming.

The UK government has a 2050 target to reduce carbon emissions by 80% of 1990 levels.

Heating and cooling UK homes is about half all energy consumption and a third of carbon emissions.

80% of homes use natural gas (methane). When used for heating and cooking, this releases water and carbon dioxide.

BEIS (Department for Business, Energy & Industrial Strategy) is looking at ways of decarbonising heat. One of the options is replacing methane with hydrogen.

Hydrogen, when converted to heat, releases no carbon dioxide.

BEIS is considering everything, from how hydrogen could be produced sustainably, in bulk, with minimal carbon emissions, through to how much a change might cost.

Hy4Heat is part of this work – and is a group of industry partners and experts.

Hy4Heat is part of this work – and is a group of industry partners and experts...

Defining a hydrogen quality standard...

Developing appliances for use with hydrogen gas...

And testing them to make sure they’re safe, reliable and convenient.

Creating demonstration trials and getting people’s feedback...

And planning in the future to possibly change a whole community to using hydrogen.

Email Hy4Heat@arup.com with your contact details and organisation’s name to attend the 15 June event at BEIS Conference Centre, London SW1H 0ET.

The Hy4Heat Programme