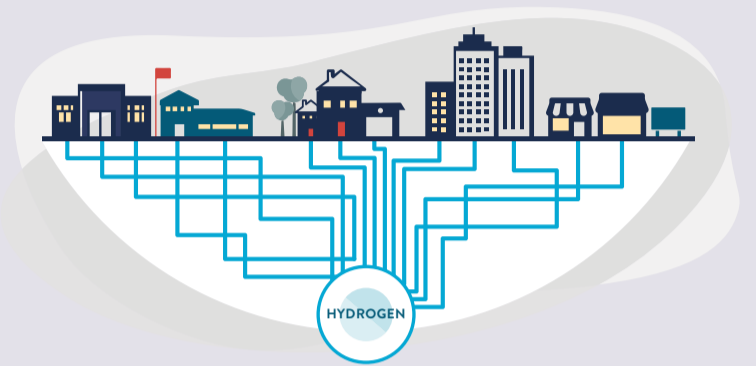


Q4 Programme Update

We're almost at the end of the year and would like to thank everyone for their support and interest in the Hy4Heat programme. We've had a busy and productive year with several new contracts let, including for the development of hydrogen smart meters, for safety assessment work, and for commercial appliances.



2019 Progress report

We're be publishing our second annual progress report giving an overview of the programme and a summary of activity over the past year. If you would like printed copies of the booklet get in touch with us at hy4heat@arup.com

Demonstration facilities

An invitation to tender will soon be issued for the creation of some demonstration facilities for the newly developed hydrogen appliances. Event management agencies, market research, exhibition managers and appliance manufacturers attended an engagement session in October at BEIS Conference Centre to discuss the best ways to exhibit and display the hydrogen appliances and components and how to capture and analyse feedback from stakeholders.

PAS 4444 public review open until 10 January

The public review of PAS 4444 - guidance on the developing and testing of hydrogen appliances - is now open on the BSI's standards development [portal](#). The deadline for feedback is 10 January 2020. Organisations are asked to collate their responses to one submission.

Hy4Heat at UN COP25 in Madrid

Hy4Heat presented at the UK Pavilion stand at the 2019 United Nations Framework Convention on Climate Change, COP25, as part of a panel discussion on 'decarbonising building: breaking the carbon connection'. Representatives from across the buildings and construction sector discussed the challenges facing them and offer perspectives on the solutions.



Hy4Heat COP25 Madrid Event.

Hydrogen Innovation Forum

Hy4Heat attended and presented at the World Energy Council's Hydrogen Innovation Forum held at the Energy Networks Association in London on 19 and 20 November. The Innovation Forum, a two-day workshop, convened hydrogen experts from across the globe to identify viable business cases for clean hydrogen. The Council's Insight Report outlines the role hydrogen could play: contributing to integrate renewables; store energy over long periods of time; as well as decarbonising sectors that electrification may not be able to reach.

Commercial appliance development

Early in the new year will be able to announce the organisations with contracts to develop a range of hydrogen commercial appliances including:

- Catering & Production Heating: like griddles, hobs, fryers, etc
- Production Heating: crematorium furnace, Bunsen burner
- Wet space heating – boiler cascade system, etc
- Dry space heating: fired heaters, unit air heaters, radiant tube heaters

Stakeholder engagement event in late February / early March 2020

Thank you to everyone who completed the survey to help us plan our next stakeholder engagement event. We're looking to hold a half-day session in late February / early March 2020, in London, and will be sending invites out early in the new year.



Programme Manager, Heidi Genoni, second from right, discussing the decarbonisation of buildings and the potential role hydrogen has to play at COP25 in Madrid.

Come and hear us

We will be presenting and discussing Hy4Heat at a number of conferences next year. Please get in touch if you'd like us to attend your conference or exhibition at hy4heat@arup.com

Get in touch

If you've received this quarterly newsletter you're on our database and will be receiving updates about Hy4Heat's progress. If you've been forwarded the newsletter by a colleague, just send us a note with your contact details and your organisation's name to Hy4Heat@arup.com or sign up on our website. We won't bombard you – and you can unsubscribe anytime.