

# Newsletter February 2020

We're looking forward to seeing you at the Hy4Heat stakeholder engagement event, Monday 9 March, London. It's our chance to give you an update and overview of the Hy4Heat programme's progress to date, as well as hear from senior members of BEIS innovation and heat decarbonisation teams.

## Monday 9 March stakeholder event

- Church House, Dean's Yard, Westminster, London SW1P 3NZ
- 10.30 (10am registration) to 1.30 followed by a networking lunch.

## Speakers and presenters include:

- Mark Taylor BEIS science and innovation deputy director
- Heidi Genoni Hy4Heat programme manager
- Appliance developers working on hydrogen boilers, fires, cookers & hobs and meters
- Organisations working on the safety assessment
- Authors of reports published for Hy4Heat

The event will be a mixture of presentations and panel Q&As and there'll be plenty of opportunities to network with industry colleagues and make connections across the industry. Sign up to attend [here](#).

## WP8 Demonstration facilities

The invitation to tender is expected to be published shortly for moveable demonstration facilities. BEIS is looking to appoint contractors for demonstration facilities to show the prototype hydrogen appliances, developed under work package 4, for engagement purposes at industry exhibitions and conferences.



## WP4b Ancillary components: extended time for bidders

We've extended the date to Wednesday 11 March that bidders have to **respond** to the invitation to tender to appoint contractors to develop ancillary components (including control valves, excess flow valves & alarms) necessary for the safe installation of hydrogen appliances & comparable on cost to the natural gas approved components used today including hydrogen alarms.

There are three lots:

- Lot 1: Development of piping, pipe fittings, gas valves, gas pressure regulators & emergency control valves that are compatible & safe for use with hydrogen
- Lot 2: Development of gas excess flow valves (EFV) suitable for use in low pressure hydrogen supply pipes downstream of the emergency control valve (ECV)
- Lot 3: Development of domestic alarms compatible & safe for use with hydrogen

## WP6 Report into the conversion of industrial equipment to hydrogen

The WP6 report from Element Energy, supported by Advisian and Cardiff University has been published on the Hy4Heat website. The study focuses on converting current industrial natural gas heating technologies to use 100% hydrogen, considering the evidence which must be available before a decision on the UK's decarbonisation pathway for heating could be made. The aim of the study is to assess the technical requirements and challenges associated with industrial hydrogen conversion and estimate the associated costs and timeframes.

### Coming up:

- Programme Manager Heidi Genoni will be presenting at Futurebuild conference 3 – 5 March 2020, ExCel

## 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](mailto:Hy4Heat@arup.com) or sign up on our website. We won't bombard you – and you can unsubscribe anytime.