

Timothy J Mays FIChemE, FRSC
Professor of Chemical and Materials Engineering



Department of Chemical Engineering
University of Bath
BATH BA2 7AY
United Kingdom

Telephone +44 (0)1225 386528
Mobile +44 (0)7913 467693
Email cestjm@bath.ac.uk

Circulation List

28 July 2023

Dear Colleagues

UK-HyRES:
UK Hub for Research Challenges in Hydrogen and Alternative Liquid Fuels

This letter is to confirm funding for the above, to sincerely thank so many individuals and organisations for their kind and generous support in getting UK-HyRES to this point and to reach out to those who may be interested to find out more about the Hub.

UKRI issued an announcement recently¹ about significant funding of new “Energy Hubs” including UK-HyRES² and a parallel hub, HI-ACT³, on hydrogen systems integration. Basic details of the multi-disciplinary and multi-site UK-HyRES Hub may be found on EPSRC Grants on the Web⁴, with more information on the Hub’s website. In summary, EPSRC has awarded £10.7M to UK-HyRES for a five-year research grant to run from 1 June 2023. In addition to this strong support, UK-HyRES has to date secured £7.0M in leveraged co-funding from industry, civic and other research partners and £8.3M from the Hub’s core universities⁵ for PhD students and other targeted investments.

UK-HyRES aims to identify, prioritise and seek impactful solutions to research challenges across the entire hydrogen value chain from production via storage and distribution to end use. Sectors cover heating, power, mobility and chemicals. Alternative liquid fuels such as ammonia are also an important theme. There is a strong focus on sustainability and safety in all the Hub’s projects. A key feature of the Hub is close working with stakeholder communities including in industry and policy making. Following EPSRC requirements, at this stage neither blue hydrogen nor fuel cells are directly in scope.

The UK-HyRES website (which we are currently rebuilding to improve access and engagement opportunities) will continue to include key information and updates on the Hub. Two immediate priorities are our first of three calls for flexible funding, which we intend to issue after the summer, and our joint launch meeting with HI-ACT at The Exchange in Birmingham on 26 and 27 September. More details on both will follow shortly. In the meantime, please email any queries or comments about UK-HyRES to UKHyRESadmin@bath.ac.uk.

Thank you and kind regards

Tim Mays
UK-HyRES Director and Principal Investigator

¹ <https://www.ukri.org/news/new-hubs-will-lead-innovation-towards-a-net-zero-energy-sector/>

² <https://ukhyres.co.uk>

³ <https://www.ncl.ac.uk/cesi/hi-act/>

⁴ <https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/X038963/1>

⁵ Portsmouth, Sheffield, St Andrews, Surrey, University College London and Warwick in addition to Bath as lead