

Hydrogen Electric Propulsion Systems testbed

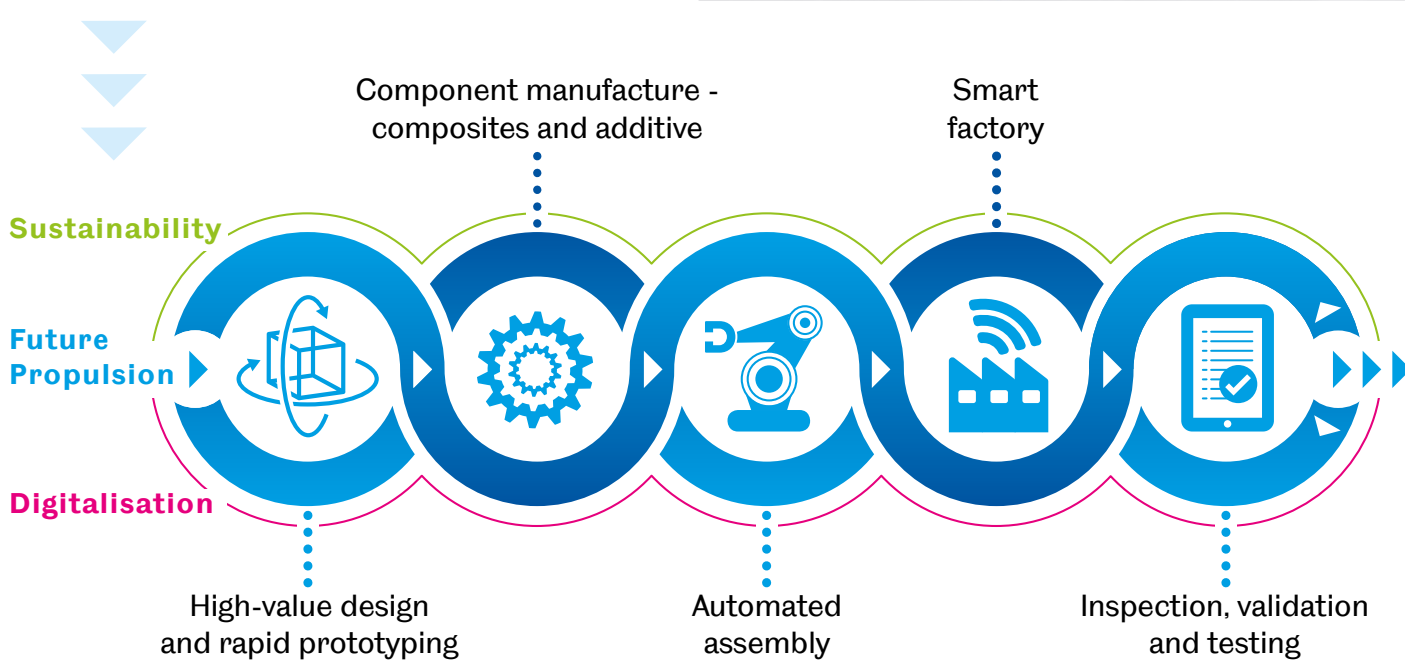


A global challenge with a UK solution

Our mission is to lead the race to decarbonise our industries and build a green economy by accelerating the adoption of hydrogen electric technologies.

Based at AMRC Cymru in Broughton, the Hydrogen Electric Propulsion Systems (HEPS) testbed will bring together three of the AMRC's key research areas:

- Sustainability
- Future Propulsion
- Digitalisation



Make things better, make things greener

We will promote the UK as the leading destination for hydrogen electric propulsion manufacturing by providing:

- World-class testbed facilities and research expertise to de-risk production scale-up and develop globally competitive new methods of manufacture
- Expertise for 'design for manufacture' review and optimisation, including future disassembly for maintenance, repair and end-of-life.

Our focus areas

Sharing knowledge and best practice

Fast-tracking new working methods and technical understanding through collaboration.

Application of research and innovation

Providing a safe environment to de-risk and deploy new process and manufacturing methods.

Integration of Hydrogen Electric Propulsion Systems

Using new and existing technology architectures to provide optimised methods of manufacture for industry.

Industrialisation of hydrogen electric propulsion

Accelerating systems development and improving industry competitiveness through manufacturing maturation.

Manufacturing of future hydrogen technology with an industry focus



Aerospace



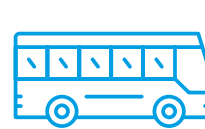
Off Highway



Heavy Automotive



Energy Generation



Public Transport



Rail

For more information on the HEPS testbed and our world-class facilities, please contact:

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