



International Partnership
for Hydrogen and Fuel Cells
in the Economy

Australia Update

35th IPHE Steering Committee Meeting

22 – 23 June 2021

Virtual Meeting

Announcements / New Initiatives *Australia*

- There has been continued acceleration in momentum in Australia's hydrogen industry at both the private and Government level
- Australia has one of the largest pipeline of hydrogen projects in the world, including some of the largest projects in the world
 - 3GW electrolyser to be located in Queensland; a joint venture of the Queensland Government and Japan-based Itawani Corporation
 - Murchison Renewable Hydrogen Project, a 5GW electrolyser located in Western Australia
 - The commencement of operations at the Hydrogen Energy Supply Chain (HESC) coal gasification project began in March 2021



Image: Hydrogen Energy Supply Chain (HESC) pilot project J-POWER Latrobe Valley

Announcements / New Initiatives *Australia*

- Federal Government funding to support scale-up of Australia's hydrogen industry has now exceeded A\$1bn
 - This supports activities such as development of up to five hydrogen hubs and enabling hydrogen blending capabilities for new gas generators
 - Also supports new partnerships with Germany, Singapore and Japan to expand cooperation on hydrogen and other low emissions technologies.
 - Includes funding from the Australian Renewable Energy Agency (ARENA) of \$103.3 million towards three commercial-scale (10MW) renewable hydrogen projects.
- We have released a discussion paper on an Australian hydrogen Guarantee of Origin scheme for consultation
- Australia is also co-leading the Mission Innovation 2.0 Hydrogen Mission
- Recent launch of Commonwealth Scientific and Industrial Research Organisation (CSIRO) Hydrogen Mission

Thank you



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