



Australian Government

Department of Climate Change, Energy,  
the Environment and Water

# Innovation for Cool Earth Forum 2022: Australia's National Hydrogen Strategy

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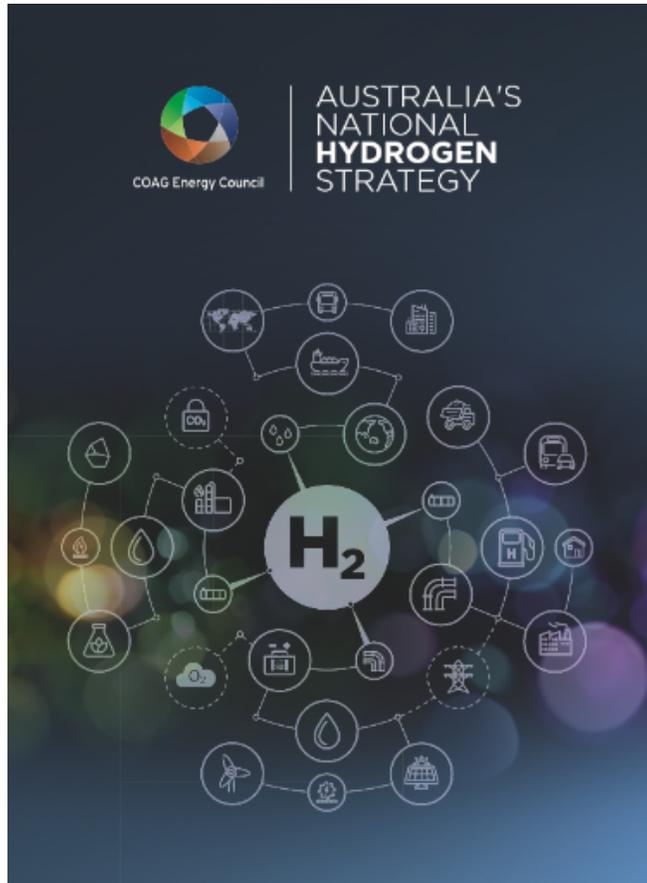


# Australia's Renewable Superpower Vision

- National emissions targets in legislation:
  - 43 per cent below 2005 levels by 2030;
  - Net zero by 2050.
- Delivered by new Powering Australia Plan:
  - \$20 billion for modernising Australia's electricity grid;
  - Installing community batteries.
- Providing up to \$3 billion for manufacturing key renewable components like green metals and hydrolysers.
- Aiming to increase the portion of renewable energy in our National Energy Market to 82 per cent by 2030.



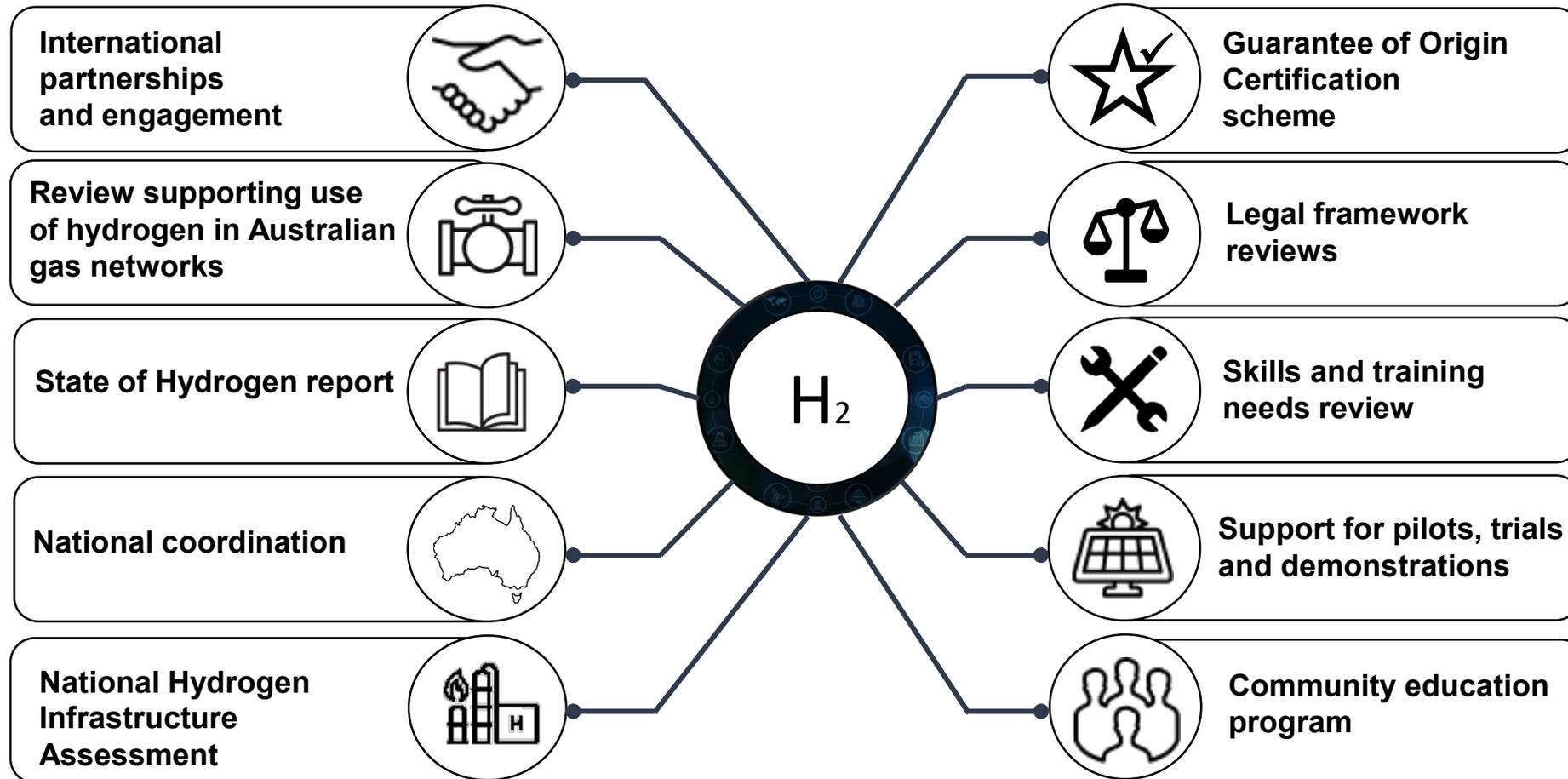
# Moving early to build the industry



- One of the first countries to release a National Hydrogen Strategy in 2019
- Sets out a vision for Australia to be a major global player by 2030
- Identified 57 nationally coordinated government actions



# Early actions by Australian governments



# Progress of the Australian hydrogen industry



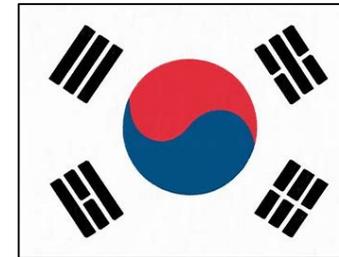
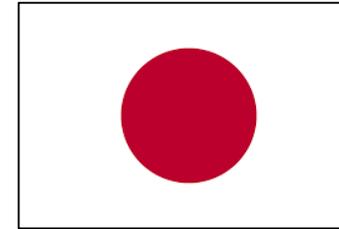
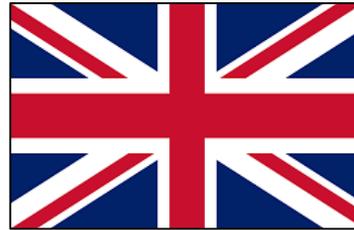
- Australia has a world-leading pipeline of around 100 projects across the country
- Pipeline spans hydrogen production, transport trials, storage projects, ammonia production and export feasibility studies
- The Asian Renewable Energy Hub is one of 6 proposed gigawatt scale projects

Image: CSIRO HyResource Hydrogen Map



# International partnerships

- Seven partnerships that feature cooperation on clean hydrogen
- Country to country agreements with the Republic of Korea, Japan, Germany, Singapore, the United Kingdom, India and the United States
- Strong engagement multilaterally through multiple forums, such as IPHE, Mission Innovation, IEA.



# Contact us

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