



International Partnership
for Hydrogen and Fuel Cells
in the Economy

Australia Update

40th IPHE Steering Committee Meeting

4 – 5 October 2023

Washington DC, United States

Announcements / New Initiatives *Australia*

- **\$2 billion (AUD) Hydrogen Headstart program announced**
 - Provides revenue support to help scale up Australia's renewable hydrogen industry
 - Australian Government recently consulted on scheme design.
- **\$38.2 million (AUD) in Government funding provided to develop and implement Guarantee of Origin scheme**
 - Consulting on the scheme design and emissions accounting approach for our Guarantee of Origin scheme
- **Undertaking a review of the National Hydrogen Strategy**
 - Public consultation occurred in July 2023
- **National Hydrogen Codes of Best Practice are being developed, commencing with co-design workshops with industry and regulators**

Examples of Lessons Learned and Impact *Australia*

Program initiative, policy, regulation or mandate	Lessons Learned/Outcomes
<p>Hydrogen Headstart Program</p>	<ul style="list-style-type: none"> - Identified need to respond to global market signals and bridge the commercial gap for early projects. - \$2BN in funding to accelerate development of Australia’s hydrogen industry, catalyse clean energy industries, and help Australia connect to new global hydrogen supply chains.
<p>National Hydrogen Strategy Review</p>	<ul style="list-style-type: none"> - Increasing global competition for capital, supply chains and skilled expertise, means we must adopt a for a fit-for-purpose Strategy to remain on-track to be a global leader.
<p>Australia’s Guarantee of Origin scheme</p>	<ul style="list-style-type: none"> - Ongoing and substantial stakeholder engagement demonstrates importance of prioritising international alignment. - How scheme developers operationalise IPHE methodology may lead to significant differences. - Certification schemes must be responsive to emerging markets for products and international trends.



Australia – Profile October 2023

Status of Deployments

- 109 hydrogen-related projects representing AUD\$230b to \$300b of investment.
- Australia represents approximately 20% of all announced electrolytic hydrogen projects in 2030.
- More than 20 projects operational or reached FID – only 1 project at 10MW has reached FID
- 11 gigawatt scale projects announced.

Leading Government Initiatives

- \$2 billion Hydrogen Headstart program
- \$500 million allocated to Regional Hydrogen Hubs
- Development of a Guarantee of Origin scheme well advanced
- National Hydrogen Strategy Review

Goals or Focus Areas

- Under consideration as part of refresh of National Hydrogen Strategy

Deployment Goals

- Under consideration as part of refresh of National Hydrogen Strategy

Funding

- ~\$8.4 billion in hydrogen specific funding by Australian Governments as at September 2023

Thank you



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