



NEW H2

HUNTER HYDROGEN TECHNOLOGY CLUSTER

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Seeded by NERA
in 2021 as part of
H2TCA, a
nationwide
hydrogen cluster
to foster a multi-
billion dollar,
globally
competitive
hydrogen
technology
industry for
Australia.

NewH2 is supporting the emerging
hydrogen economy in NSW
by **facilitating connections**
and **knowledge sharing** throughout
the state and beyond.

CLUSTER vs HUB

HUBS

provide groups of hydrogen users common infrastructure for the local production, use and distribution of hydrogen. Will reduce costs by delivering hydrogen in a coordinated fashion.

CLUSTERS

drives supply chain coordination, connection and development by bringing together the expertise, technologies, resources, capital and knowledge of businesses and organisations needed to support the emerging local and national hydrogen industry.

Working together – the aim is to establish Australia as a global leader in hydrogen-and related technology and expertise

2-WAY Engagement Model



- **Provide the framework for industry and research to participate**
- Provide the setting to showcase
- Through the Stakeholders provide opportunities to connect and brainstorm
- Assist with updates, knowledge exchange, funding opportunities
- Participate in strategy development

SME

Share barriers and focus points
Share roadmaps, objectives
Collaborate on solutions and opportunity
Contribute knowledge
Technical insights, skills, regs, and other needs

LARGER SCALE PROJECTS

Share capabilities
Project activities and updates
Communicate how to engage and to leverage research
Supply chain opportunities

RESEARCH

Contribute knowledge
Participate with technology updates, demonstrations, capability updates
Be active to collaborate and grow the cluster



KNOWLEDGE



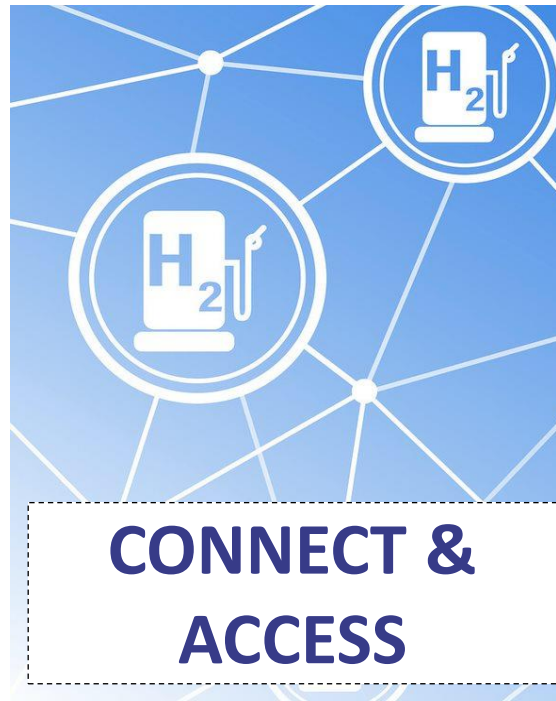
SKILLS



**RESEARCH &
INNOVATION**



**PROJECTS &
INVESTMENT**



**CONNECT &
ACCESS**



**NATIONAL &
H2TCA**

NewH2 is a
independent
“enabler” to
accelerate
hydrogen
technology
supply chains
in the Hunter,
Central Coast
and beyond



NewH2 provides a platform for a coordinated approach: to leverage policy foundations, initiatives and industry and regional roadmaps



Recent Updates

- NSW Government – Hydrogen Strategy
- Federal Clean Hydrogen Industrial Hubs
- NSW Hydrogen Hubs
- New Low Carbon Industry Foundations CMP decarbonisation roadmaps – EOI
- NSW \$40 million Clean Technology Innovation R&D Grants
- NSW Decarbonisation Innovation Hub – Powerfuels and Hydrogen Network
- DISER / ARUP – infrastructure - barriers and opportunities to support the development of new energy industrial hubs
- National Skills / TAFE
- H2TCA – National Cluster developments



NewH2 – Recent and Upcoming Engagements

- Roundtable - NSW Agent General (UK) and Special Trade Commissioner to the EU and Israel, and the Special Trade Commissioner to North Asia, Mike Newman
- Hunter Hydrogen Roadmap Launch (10/11), and panel luncheon (23/11)
- Australia Germany Alliance Event – Hamburg and Hunter
- **Knowledge Exchange** - monthly
- **Skills Forums** - commenced with roundtable Sept 16, Nov 3 (ACT refueling & Smart Energy Council), planned site tours 2022
- Hunter Hydrogen Conference – target 1H 2022 Nov
- O2N – Resources, Energy and Industry innovation Forum, Dubbo – Feb 16/17 2022
- Regular newsletters
- **Supply Chain Access** - 2022

Currently developing **delivery program** for next year including collaboration with nodes such as Northern Rivers, Orana & Central West, and Illawarra, Central Coast Food Cluster, P2X Alliance. **Check your email in coming weeks for a survey.**





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THANK YOU

www.newh2.net.au

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