



NEW H2

HUNTER HYDROGEN TECHNOLOGY CLUSTER

Fostering a competitive Hydrogen Technology Industry in NSW

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RIEFF Forum – Dubbo

08 June 2023



Seeded by
NERA and UON
in 2021 as part
of H2TCA.

NewH2 is part of a nationwide hydrogen cluster network to foster a multi-billion dollar, globally competitive hydrogen technology industry for Australia.

NewH2 is an industry cluster initiative that works to:

- facilitate **connections** and **knowledge sharing** by bringing together the expertise, technologies, resources, capital and knowledge of businesses and organisations.
- **support** the **development** and **coordination** of hydrogen and clean energy supply chains and innovation
- **identify gaps** and **barriers**, to support the industry to be equipped with the **skills required** for the commercialisation and deployment of new hydrogen and clean energy focused technologies.



Hunter Hydrogen Roadmap

(2021 – 2040)

Vision: The Hunter will be Australia's leading hydrogen hub and technology cluster, demonstrated by excellence in research, innovation, technology and education, production, use, export and employment participation across the hydrogen supply chain

Hunter Hydrogen Taskforce
August 2021

Hydrogen is a priority industry for NSW that has the opportunity to anchor significant new jobs and economic growth

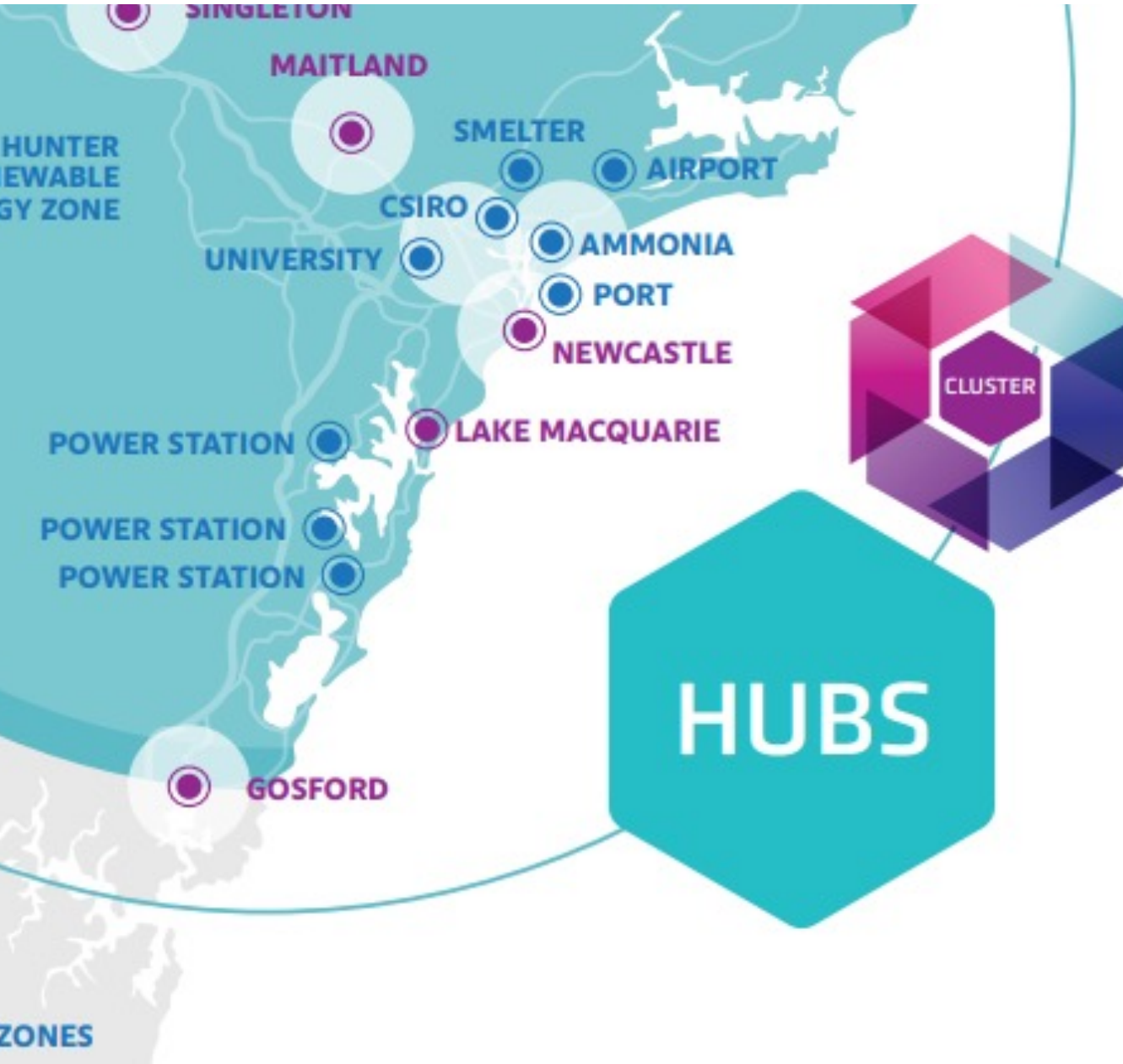




NewH2 provides an **open platform** for business associations, government, research, and industry to work together and to support a message that the Hunter is driving industry participation in the hydrogen economy, is coordinated, collaborative, and is ready for investment.



A “hub and Cluster” model of working together



As hub projects move toward feasibility and construction the “**hub and Cluster**” model of working together takes shape and will bring industry confidence, investment attraction and to set the region to be globally recognised in hydrogen-related technology and expertise.

NewH2 recognise complexity in the emerging hydrogen industry requires a top-down and bottom-up approach

- There is a need to address both simultaneously
- The cluster will progress and evolve over time
- Leverage national cluster network to accelerate and tailor programs for the region

Systems thinking: Big picture / structural matters

- What are the necessary conditions and structure to support transformation?
- What cluster framework will be flexible to meet the needs of the future?



Detailed activities for industry in the region

- provide a platform to enable the aggregation of industry / demand
- Provide the settings to optimise industry participation



KNOWLEDGE



SKILLS



**RESEARCH &
INNOVATION**



**PROJECTS &
INVESTMENT**



**NATIONAL &
H2TCA**

Activities
across 5
strategic
pillars, and an
open access
model of
membership

A 'systems' approach with leading global clusters





HUNTER HYDROGEN & ENERGY

SYMPOSIUM

21 – 23 February
2024



NewH2 Host and Supporting Partner

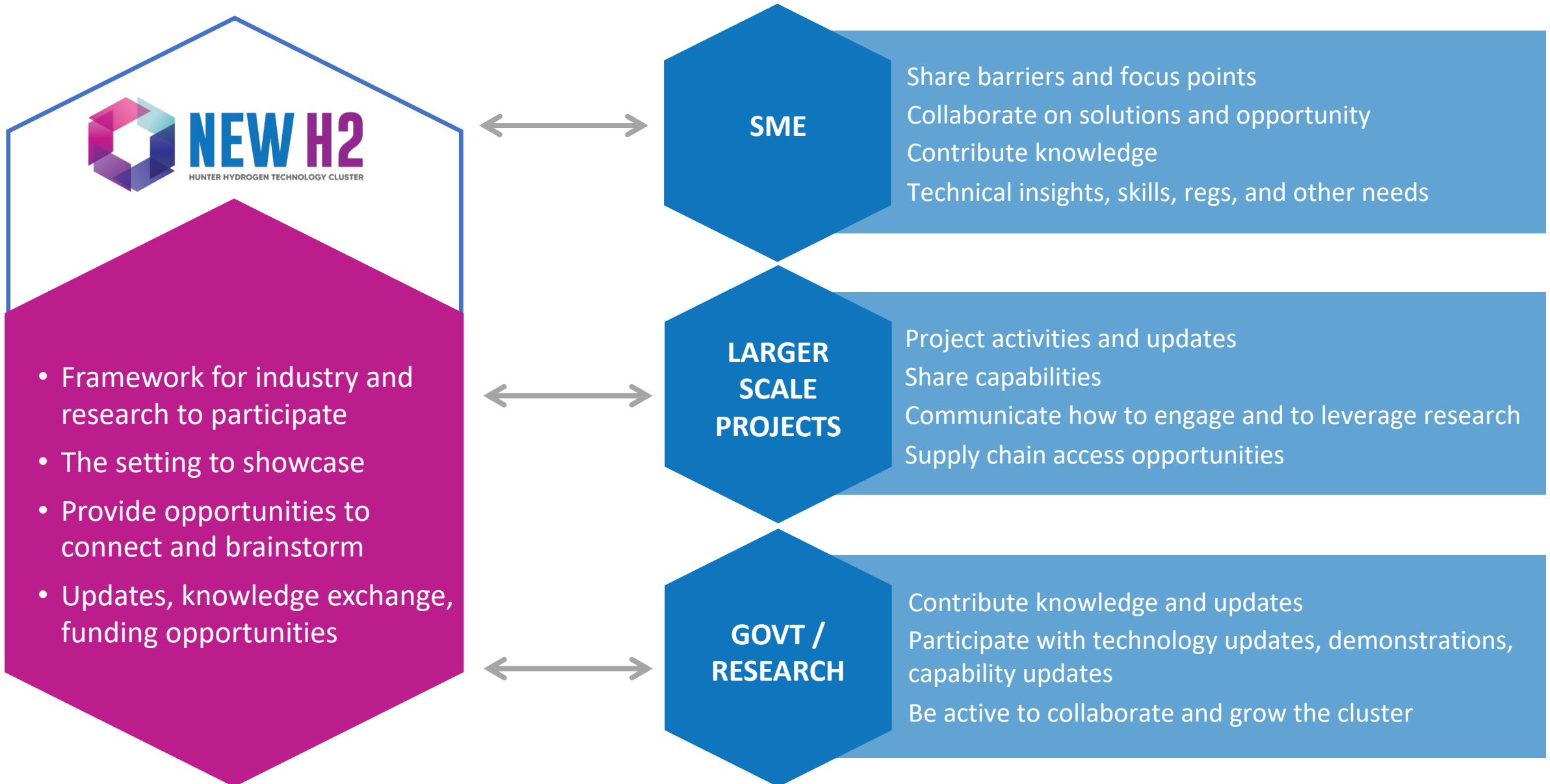


Foundation Partner

Supporting partners



A model of open access and 2-way engagement





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HUNTER HYDROGEN TECHNOLOGY CLUSTER

THANK YOU

www.newh2.net.au

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