

Regional Hydrogen Technology Cluster announcement – briefing pack

Background

Australia's [National Hydrogen Strategy](#) (NHS) included the proposal that NERA lead the formation of an industry-led National Hydrogen Cluster to drive economic opportunities for SMEs and build the capability needed to establish Australia as a global leader in hydrogen-related technology and expertise. NERA is ideally positioned to achieve this vision, with established connections, infrastructure, experience, and a strong track record of supporting the development of technology clusters across subsea inspection, maintenance and repair, ocean energy and remote operations.

Following the release of the NHS, NERA completed a series of consultation workshops around Australia in early 2020 with key players in the hydrogen ecosystem. The consultation identified a fragmented landscape across regions and recognised that a bottom-up approach is needed to drive supply chain coordination, connection and development at a local level that may grow to form a National Hydrogen Cluster.

NERA launched the Regional Hydrogen Technology Clusters Seed Funding Program in September 2020 to catalyse the formation of a network of hydrogen technology clusters. The program was planned to provide seed funding of up to \$100,000 for successful applicants to form hydrogen technology clusters around key hydrogen projects and technology supply chains across Australia to enhance local cohesion, technology and capability in the hydrogen value chain.

NERA has undertaken significant engagement with Federal, State and Territory governments to leverage support for the program, securing early cash contributions from Western Australia, Victoria and Northern Territory Governments, with significant interest and funding potential still a possibility across several other states and territories.

NERA received 58 submissions through the EOI process, which closed in October. A comprehensive review and evaluation process was completed by NERA's Hydrogen Working Group, with a final list of proposed clusters selected to maximise program outcomes and impacts.

Once established, this network of hydrogen technology clusters will play a central role in connecting to form the National Hydrogen Cluster – which is proposed to operate as a virtual network. The national hydrogen cluster will work to overcome the somewhat fragmented approach in Australia and to establish a global identity and a recognised brand for Australian hydrogen technology and expertise. It will seek to accelerate hydrogen supply chain development, and reduce overlaps and identify gaps in the development, deployment, and commercialisation of new hydrogen focused technologies.

What are clusters and why do they work?

Technology Clusters are geographic concentrations of interconnected businesses and organisations in a particular field, that both collaborate and compete to increase productivity and innovation. While technology clusters are relatively new to Australia, they have been shown to enhance business growth and economic development across many nations.¹

Cluster members from across the value chain can gain easier access to important production factors and ideas for innovation through interaction and cooperation. By aggregating their expertise, technologies, specialised resources, capital and knowledge, cluster participants can share advantages over and above those presented to sole operators, such as new partnerships, collaboration and fast exchange of knowledge, which fosters innovation and new ways of doing business.

Why hydrogen?

The Australian Government has committed more than \$500 million to the nation's hydrogen industry since 2015. Signalling clear policy support for hydrogen through the release of COAG's National Hydrogen Strategy and Australia's First Low Emissions Technology Statement, which includes clean hydrogen as one of five priority low emissions technologies with a stretch target of clean hydrogen for under \$2 per kilogram.²

With the right policy settings, demand signals and a supply chain ready to respond, the hydrogen economy could increase Australian Gross Domestic Product (GDP) by between \$11 billion to \$26 billion on a Net Present Value basis and add between 7,600 to 16,900 jobs by 2050.³ This includes a range of technical and trade occupations, with many of these in regional areas.

Growing a vibrant Australian domestic and export hydrogen industry will require both the development, manufacture, and integration of numerous new technologies at the production and consumption levels as well as the establishment of a national network of distribution and delivery infrastructure. Whilst considerable investment has been already directed to large-scale hydrogen demonstration projects, infrastructure and research, NERA's consultation with key industry players in early 2020 revealed a fragmented and immature hydrogen technology ecosystem and identified that a bottom-up approach is needed to drive coordination and connectivity in the hydrogen technology supply chain.

COAG's Australia's National Hydrogen Strategy (NHS) included a proposal to establish a national hydrogen cluster.⁴ In response NERA launched the Regional Hydrogen Technology Clusters Seed Funding Program in September 2020 to support the formation of a network of hydrogen technology clusters around Australia. The program is leveraging investment from NERA, industry and governments to support the formation and development of 13 hydrogen technology clusters – spanning all states and territories – that will accelerate and optimise the development of hydrogen technology manufacturing and capability across the country.

Once established, the network of hydrogen technology clusters will play a central role in connecting to form a National Hydrogen Cluster. It will establish a global identity and a recognised brand for Australian hydrogen technology, manufacturing and expertise, accelerate supply chain development, and drive commercialisation of new hydrogen-related technologies.

1 Eriksson, S. (2009). 'Clusters: A survey of research within localized economic growth.' Jönköping, Sweden: Jönköping International Business School.

2 Department of Industry, Science, Energy and Resources, "First Low Emissions Technology Statement – 2020." [Online]. Available: <https://www.industry.gov.au/sites/default/files/September%202020/document/first-low-emissions-technology-statement-2020.pdf>

3 Deloitte 2019, Australian and Global Hydrogen Demand Growth Scenario Analysis, <http://www.coagenergycouncil.gov.au/publications/reports-support-national-hydrogen-strategy>

4 Department of Industry, Science, Energy and Resources, "Australia's National Hydrogen Strategy." [Online]. Available: <https://www.industry.gov.au/sites/default/files/2019-11/australias-national-hydrogen-strategy.pdf>

Australian Capital Territory

Cluster name: Canberra Region Hydrogen Technology Cluster
Cluster members: Evoenergy, ANU, Smart Energy Council, ACT Renewables hub
Funding: \$100,000 from NERA and industry
Theme/focus: Hydrogen (general). Focus on tech development, business development, certification and training

ACT Chief Minister Andrew Barr said: “As a leader in the renewable energy sector, the ACT is well placed to help unlock the potential of Australia’s hydrogen energy industry.

“We have the building blocks in place: Evoenergy and the Canberra Institute of Technology’s testing facility in Fyshwick is already investigating methods to use green hydrogen as an alternative to natural gas, compatible with existing heating infrastructure; and the ACT Government has invested in a fleet of hydrogen powered vehicles, powered by hydrogen fuel produced right here in Canberra.

“This announcement will further propel the ACT’s leading hydrogen industry by boosting innovation, creating jobs, and attracting investment in this growing sector of the economy.”

Commenting on the establishment of the hydrogen technology cluster in Canberra, **NERA CEO Miranda Taylor** said “I’m delighted to see such a strong cluster forming in Australia’s national capital. With a strong and diverse consortium, the cluster will be able to draw on the ACT Government’s strong leadership in zero emissions, renewable generation and supply chain development, together with access to major national agencies and facilities and international partnerships.”

Quote from Canberra Region Hydrogen Technology Cluster

Evoenergy General Manager Peter Billing said: “We’re excited by this announcement, and the opportunity to partner with the ANU Smart Energy Council and the ACT Renewables Hub to support the development of a hydrogen network in the ACT.

“With support from NERA, we see the Canberra Region Hydrogen Technology Cluster as being the centre for hydrogen technology development in the broader region and we look forward to building on local skill and capability working with hydrogen to drive hydrogen supply chain development.”

New South Wales

Cluster name:	Hunter Hydrogen Technology Cluster
Cluster members:	University of Newcastle & 14 partners
Funding:	\$200,000 from NERA and industry
Theme/focus:	Hydrogen (general)

Commenting on the establishment of the hydrogen technology cluster in the Hunter Region, **NERA CEO Miranda Taylor** said: “The Hunter Valley is a strong energy and manufacturing region and I’m delighted to see the leadership shown by key local organisations to maximise the region’s opportunities from the development of a local hydrogen technology cluster.”

Quote from Hunter Hydrogen Technology Cluster lead:

Professor Alan Broadfoot, the Executive Director of the Newcastle Institute for Energy and Resources, said: “This successful bid for the Hunter Region Hydrogen Technology Cluster will build on the robust history of the local region as an export and service gateway for NSW, and will tap into existing networks to drive industry collaboration and strengthen hydrogen technology capabilities and supply chains across the breadth of NSW.

“With this support from NERA, and the collective optimism and knowledge of the Hunter Cluster Consortium, we hope to accelerate and scale up the transition to the new hydrogen and energy economy, creating the optimum environment for investment, growth, and jobs.”

Northern Territory

Cluster name:	Territory Hydrogen Cluster
Cluster members:	Darwin Innovation Hub along with NT Govt, Energy Club NT and CDU
Funding:	\$200,000 from NERA and the NT gov't
Theme/focus:	Green hydrogen. Technology research, production, export and downstream manufacturing.

Northern Territory Government Minister for Renewables and Energy, Eva Lawler said:

"In 2020, the Northern Territory Government launched the Territory's first ever Renewable Hydrogen Strategy, bringing the NT to the forefront of the developing renewable hydrogen industry with large areas of land with high solar irradiance, close proximity to export markets."

"The Northern Territory is Australia's comeback capital, and through projects such as the Hydrogen Clusters and our investment in renewables, we are creating new industries and jobs for Territorians."

Commenting on the establishment of the hydrogen technology cluster in Darwin, **NERA CEO Miranda Taylor** said: "With extensive renewable energy resources and an established globally competitive energy production and export industry, the Northern Territory is well placed to position itself at the forefront of a developing renewable hydrogen industry."

"In addition to an existing highly skilled workforce and large-scale facility construction and operation experience, the NT has developed adaptable local supply chains and infrastructure, able to support the development of a renewable hydrogen industry."

"Furthermore, the NT is ideally located in close proximity to potential international hydrogen export markets throughout Asia, offering a short and direct transport route from Australia."

"There is no doubt the NT can become a recognized global leader in the development of a world scale renewable hydrogen industry, and I look forward to the contribution the local hydrogen technology cluster can make helping to achieve this goal."

Quote from Territory Hydrogen Cluster

Emma Nesbitt, General Manager of the Darwin Innovation Hub, said: "This announcement is a fantastic step forward for the hydrogen future of the Northern Territory."

"We look forward to working alongside NERA, the Territory Government and our key stakeholders to develop the capacity of businesses and assets that we already have in the Territory, and to be able to drive forward the hydrogen supply chain aiming to achieve the Territory's Renewable Hydrogen Strategy and broader national agenda."

Queensland

Cluster name:	Queensland Hydrogen Industry Cluster (H2Q)
Cluster members:	Regional Development Australia Brisbane, on behalf of 38 orgs
Funding:	\$100,000 from NERA
Theme/focus:	Hydrogen (general)

Minister for Energy, Renewables and Hydrogen Mick de Brenni said Queensland was well positioned to meet the growing international demand for cheaper, cleaner energy in the form of hydrogen both here at home, and internationally.

“Our established infrastructure, significant solar resources and available land make Queensland the ideal location to produce renewable hydrogen for domestic and international use,” he said.

“The Queensland Hydrogen Industry Strategy 2019–2024 sets a clear plan to support innovation, facilitate private investment, implement effective policy frameworks, build community awareness and facilitate skills development.

“Since 2019, the Queensland Government has committed almost \$60 million across multiple programs and initiatives to help grow an industry that we know will create a lucrative new export market, create highly-skilled jobs and help us reach our 50 per cent renewable target by 2030.

“I look forward to the work of the NERA hydrogen technology cluster program in supporting the progression and advancement of our state’s Strategy and in helping to facilitate the growth of the hydrogen industry at a national level.”

Commenting on the establishment of the hydrogen technology cluster in Brisbane, **NERA CEO Miranda Taylor** said: “With the country’s first Minister for Hydrogen, Queensland has highlighted its ambition and its support for clusters will provide opportunities for innovative local technology companies to contribute both locally and globally.”

Quotes from Queensland cluster leads:

Lisa Liang, the Chair of RDA Brisbane, said: “RDA Brisbane and its industry, research and government partners are excited to progress the establishment of the Queensland Hydrogen Cluster, known as H2Q, to help execute and realise Australia’s National Hydrogen Strategy and the Queensland Hydrogen Industry Strategy.”

Aurelia Noran, Chair, Executive Committee for the H2Q Hydrogen Industry Cluster, added: “The funding support from NERA will enable H2Q to support, connect, develop and promote Queensland’s current and future hydrogen capability and position the State as a

major hub of hydrogen production, industry and community usage, and hydrogen solutions development to create new skilled jobs and export opportunities.”

South Australia

Cluster name: South Australian Hub-to-Hub ("SA-H2H") Hydrogen Technology Cluster
Cluster members: EfficientSeePty Ltd and Mumford Commercial
Funding: \$100,000 from NERA
Theme/focus: Hydrogen (general)

South Australia's Minister for Energy and Mining Dan van Holst Pellekaan congratulated NERA on the successful launch of a nationwide series of virtual hydrogen clusters.

"NERA's South Australian hydrogen cluster will promote the development, deployment, and commercialisation of new hydrogen focused technologies and add to our state's reputation as a producer and exporter of clean hydrogen to Asia and other regions.

"Following the launch of the State Government's Hydrogen Action Plan in September 2019, we have continued to make steady progress against the key themes that will assist in the scale-up of clean hydrogen production for export and domestic consumption.

"By facilitating investment in hydrogen, establishing a world-class regulatory framework and deepening trade relationships and supply capabilities we are able to foster innovation and workforce skills so that our state can develop, export and integrate hydrogen into our energy system.

"I congratulate NERA for coordinating this launch across the country and specifically EfficientSee Pty Ltd and Mumford Commercial Pty Ltd here in Adelaide for establishing the South Australian Hub-to-Hub Hydrogen Technology Cluster. Over many years, these South Australian businesses have assisted and supported organisations to move toward a clean and efficient energy future. I look forward to the contribution the Hydrogen Technology Cluster will undoubtedly bring to the state's developing hydrogen economy."

Commenting on the establishment of the hydrogen technology cluster in Adelaide, **NERA CEO Miranda Taylor** said: "South Australians are undoubtedly proud of the global firsts that have been achieved as their energy mix transitions to renewable, cleaner and lower carbon emitting options.

"Hydrogen has a contributing role to play here and the South Australian government's 2019 Hydrogen Action Plan outlines the economic and social benefits that can be attained by developing a hydrogen economy with local and global export potential.

"I'm confident that the South Australian Hub to Hub Hydrogen Technology Cluster, led by EfficientSee and Mumford Commercial Consulting will contribute significantly to achieving South Australia's goal of becoming a world-class renewable hydrogen supplier.

Quotes from the SA cluster leads:

Nicholas Mumford, co-cluster lead and MD of Mumford Commercial Consulting, said:

“The South Australian Hub-to-Hub (SA-H2H) Hydrogen Technology Cluster will build supply chain scale by linking hydrogen supply and export hubs throughout the state.”

Quentin Roberts, co-cluster lead and MD of EfficientSee, said: “With strong support from NERA, the State Government, multiple SA based SME energy innovators and key industry stakeholders, we are confident in being able to quickly establish the SA-H2H cluster and help drive hydrogen supply chain development.”

Tasmania

Cluster name:	Bell Bay Hydrogen Technology Cluster
Cluster members:	Bell Bay Advanced Manufacturing Zone (BBAMZ)
Funding:	\$100,000 from NERA
Theme/focus:	Hydrogen (general)

Minister for Primary Industries and Water, Minister for Energy, Minister for Resources, Minister for Veterans' Affairs, Guy Barnett, said: "Today's announcement complements our Renewable Hydrogen Action Plan, which sets out Tasmania's renewable energy future by developing a hydrogen industry here, with production to begin by 2022-24.

"Tasmania has an abundance of existing and expandable renewable energy resources, and we are well placed to become Australia's renewable hydrogen epicentre, and a global producer and exporter of hydrogen by 2030.

"Bell Bay has been identified as a strategically important location for development of the emerging hydrogen industry. It is an advanced manufacturing zone with abundant renewable energy availability, appropriate infrastructure, water availability and port access.

"This seed funding will assist with enhancement of collaboration, local cohesion, knowledge and capability building in this developing hub of hydrogen activity."

Commenting on the establishment of the hydrogen technology cluster in Bell Bay, **NERA CEO Miranda Taylor** said "Tasmania has a fantastic opportunity to be a world-leader in hydrogen development and has made significant advances with a legislated 200% renewable energy target, support for hydrogen project feasibility studies and its development of a statewide hydrogen industry network. I'd like to congratulate the Bell Bay Advanced Manufacturing Zone for seizing this opportunity and look forward to them joining NERA's national network."

Quote from Tasmanian cluster lead:

Susie Bower, Chief Executive Officer of Bell Bay Advanced Manufacturing Zone, said: "This announcement is a fantastic step forward for Tasmania's hydrogen future and we look forward to seeing the Bell Bay Hydrogen Technology Cluster play an integral part in the clean energy future for Australia.

"With strong support from NERA, the State Government, multiple Tasmania-based SME energy innovators and key industry stakeholders, we're confident in being able to quickly establish a working, valuable cluster and help drive hydrogen supply chain development."

Victoria

Cluster name: Gippsland Hydrogen Technology Cluster
Cluster members: Committee for Gippsland on behalf of 64 supporting organisations
Funding: \$250,000 from NERA, industry and the Vic govt
Theme/focus: Hydrogen (general)

Cluster name: Clayton Hydrogen Technology Cluster
Cluster members: GrapheneX, CSIRO, Swinburne, Hydrogen 2.0, Cleantech Japan, ARENA2036
Funding: \$150,000 from NERA, industry and the Vic govt
Theme/focus: Hydrogen (general)

Cluster name: Greater Geelong Hydrogen Technology Cluster
Cluster members: Startupbootcamp
Funding: \$150,000 from NERA, industry and the Vic govt
Theme/focus: Hydrogen (general)

Cluster name: Mallee Hydrogen Technology Cluster
Cluster members: MRIC – consortium of Uni of Melb, La Trobe Uni, SuniTAFE
Funding: \$50,000 from the Vic govt
Theme/focus: Hydrogen (general)

Energy, Environment & Climate Change. Minister Lily D'Ambrosio said: "We are proud to support the four Victorian hydrogen clusters alongside NERA - it is an example of our Renewable Hydrogen Industry Development Plan in action and puts our state at the forefront of driving the development of renewable hydrogen"

Commenting on the establishment of the hydrogen technology clusters in Victoria, **NERA CEO Miranda Taylor** said "The support from the Victorian Government has enabled four Victorian clusters to join NERA's national network, the most of any state or territory. NERA has also decided to locate our National Cluster Development Manager in Melbourne in recognition of this leadership. The four successful clusters are as strong as they are diverse, representing the wide range of hydrogen technology opportunities we want to see realised through the program."

Quote from Gippsland cluster lead:

Jane Oakley, CEO Committee for Gippsland, said: "The support from NERA [and the Victorian Government] for the Gippsland Hydrogen Cluster confirms the region's ongoing role in progressing Victoria and Australia's clean energy future."

"Renowned for its energy powerhouse reputation, skilled resources and supply chains, the region continues to transition to a variety of clean energy solutions. Gippsland along with its domestic and global cluster partners are posed to embrace this opportunity, showcasing Victoria's hydrogen innovation and capability, building a strong hydrogen market of global scale."

Quote from Clayton cluster lead:

GrapheneX's Director Stephen Wee said: "This announcement is a great step forward for Victoria's emerging hydrogen economy."

"We look forward to the Clayton Hydrogen Technology Cluster bringing together industry stakeholders and scientists in developing technological capabilities in the areas of cost-effective hydrogen production, storage and distribution infrastructure, to enable Australia's leading position in the global hydrogen industry."

"With strong support from NERA, the State Government, technology innovators, and research organisations including Swinburne University of Technology and CSIRO, we're confident to quickly establish a collaborative cluster, and help drive green hydrogen supply chain development."

Quote from Greater Geelong cluster lead:

Trevor Townsend, CEO Startupbootcamp Australia, said: "Startupbootcamp is honoured and thrilled to have been chosen to initiate the Greater Geelong Hydrogen Technology Cluster, thanks to the support of NERA and the Victorian State Government."

"The transition to a cleaner, more sustainable energy future is well underway with hydrogen to play a pivotal role in the economy domestically, including job creation, as well as providing significant export opportunities for Australia."

"We believe entrepreneurship, along with technical and business innovation, will drive the hydrogen economy locally and internationally, positioning Australia as a global leader in the hydrogen energy market."

"Through collaboration between corporates, SMEs, academia, government, investors, and entrepreneurs, we are excited the cluster - with a direct focus on innovation, technology, and startups - will advance the National Hydrogen Strategy as well as the Victorian Hydrogen Investment Program, and create significant economic value for all involved."

Quote from Mallee cluster lead:

Rebecca Wells, Chief Executive, Mallee Regional Innovation Centre, said: "This announcement is a fantastic step forward for the future of hydrogen in Australia and we look forward to leading the Mallee Hydrogen Technology Cluster in the North West of Victoria."

“With strong support from NERA, the Victorian State Government, multiple Victorian SME energy innovators and key regional and industry stakeholders, we are now well positioned to establish a cohesive, valuable cluster and drive hydrogen supply chain development for regional Victoria.”

Western Australia

Cluster name: Western Australian Hydrogen Technology Cluster
Cluster members: Hydrogen Society of Australia on behalf of consortium
Funding: \$200,000 from NERA and the WA govt
Theme/focus: Transport and remote operations focus

Cluster name: Karratha Hydrogen Technology Cluster
Cluster members: City of Karratha with support from Yara Pilbara Fertilisers
Funding: \$75,000 from WA govt
Theme/focus: Hydrogen (general)

Cluster name: Peel and South-West Metro Hydrogen Technology Cluster
Cluster members: Murdoch University and six partners
Funding: \$75,000 from NERA and industry
Theme/focus: Green hydrogen

WA Regional Development Minister Alannah MacTiernan said the network of hydrogen clusters was critical for the development of hydrogen technology and a hydrogen industry in Australia.

“Western Australia wants to be a technology-maker, not a technology-taker.

“We know our state has the natural resources to be a major player in a global renewable hydrogen industry, but to extract the full value out of hydrogen, we need to build skills and expertise in hydrogen technology development.

“The McGowan Government is investing in hydrogen technology clusters across our State to put WA at forefront of hydrogen technology, building on our renowned capabilities in resources and logistics.”

Commenting on the establishment of the hydrogen technology clusters in Western Australia, **NERA CEO Miranda Taylor** said the establishment of three hydrogen technology cluster in the state was an exciting and positive step.

“The state government’s Renewable Hydrogen Strategy holds the vision of Western Australia as a significant producer, exporter and user of renewable hydrogen. The seed funding program we’ve run for three hydrogen clusters in WA aligns with this vision and today’s announcement marks an important milestone on the state’s journey.

“The clusters have been formed in three regions to accelerate and optimise the development of hydrogen technology and expertise in Western Australia.

“In time, they will join others from around Australia to form a national hydrogen cluster which will establish a global identity and a recognised brand for the Australian hydrogen industry, accelerate hydrogen supply chain development, and identify gaps in the development, deployment, and commercialisation of new technologies.

“The Perth cluster, led by the Hydrogen Society of Australia, will work to develop hydrogen technologies that can service multiple industrial sectors through transport and remote industrial and domestic microgrids. The transport industry consumes around 20% of all petroleum and coal products in Australia, presenting a sizeable opportunity for hydrogen as a major fuel source and associated carbon reduction.

“The formation of the Karratha cluster, led by the City of Karratha, reflects the fact that the Pilbara region has the necessary infrastructure and supporting industries to transition to the hydrogen economy, including LNG and ammonia producers, the Dampier to Bunbury gas pipeline, and access to multiple ports and transport infrastructure.

“The formation of the Peel-South West Metro cluster, led by Murdoch University and the City of Mandurah, reflects the fact that this region features many large industrial areas where hydrogen energy applications will be critical for fostering innovation and driving sustainable economic growth.

“I would like to acknowledge the foresightedness of the WA Government, and in particular the support of the Minister for Regional Development, Alannah MacTiernan MLC, and the Minister for Jobs, Tourism, Science & Innovation, Dave Kelly MLA, without which this initiative would not have been possible.”

Quote from Perth cluster lead:

Brian Haggerty, Chair, Hydrogen Society of Australia, said: "This announcement is a great step forward for WA's hydrogen future. We look forward to seeing the Perth Hydrogen Technology Cluster promoting businesses, sharing knowledge, collaborating on pilot studies and research and drawing together this nascent industry in WA.

“With strong support from NERA, the State Government, multiple WA based SME energy innovators and key industry stakeholders, the Hydrogen Society of Australia initiated cluster development for the industry's benefit. We are confident in being able to quickly establish a working, valuable cluster and help drive hydrogen supply chain development.”

Quote from Karratha cluster lead:

Peter Long, City of Karratha Mayor, said: “This announcement is a fantastic step forward for WA's hydrogen future and we look forward to seeing the Karratha Hydrogen Technology Cluster assisting in the growth of the hydrogen economy through greater networking, collaboration, and the establishment of mutually beneficial partnerships in our particular corner of WA.

“With strong support from NERA, the State Government, locally based energy innovators and key industry stakeholders, we’re confident in being able to quickly establish a working, valuable cluster to help develop the hydrogen economy.”

Quote from Peel and South-West Metro cluster lead:

Tania Urmee, Associate Professor, Murdoch University and co-cluster manager of Peel-South West Metro cluster, said: “This announcement is a major step forward for WA’s hydrogen future.

“We look forward to jointly developing a regional hydrogen supply chain ecosystem in Peel-South West Metro by engaging and partnering with cluster members from the public, private and education sectors, and enhancing hydrogen research and development and education and training outcomes in our region.

“With strong support from NERA, the State Government, Western Australian energy innovators and key industry stakeholders – including our cluster co-leads at the City of Mandurah - we’re confident in being able to quickly establish a working hydrogen cluster and helping drive hydrogen supply chain development and commercial scale-up in Western Australia.”