



Australian Jobs Act 2013

Reference code: Q5R0P8-C0B8R7

Australian Industry Participation Plan Summary – Project Phase

Nominated project proponent:

NH3 CLEAN ENERGY LIMITED

Project details

Project name:

WAH2 Clean Ammonia Project

Location:

Maitland Strategic Industrial Area, NW Coastal Highway, Karratha, WA, 6714

Type:

Other productive facility

Other project type:

Ammonia Plant

Purpose:

Establish new facility

Capital expenditure:

\$1,712,000,000.00

Description:

The WAH2 Clean Ammonia Project has the capacity to produce 650000 tonnes per yr (Phase 1) of low emissions (clean) ammonia which will be exported for co-firing in coal fired power stations in Japan and South Korea (to assist those countries to decarbonise) and used domestically as a shipping fuel (to help decarbonise iron ore exports in Australia).
The WAH2 Project will be located in the Maitland Strategic Industrial Area (within a 40ha parcel of land already allocated to NH3CE) and use proven autothermal reforming technology to convert natural gas into ammonia and capture the associated CO2 which is then stored permanently underground at a nearby sequestration site, thereby ensuring a low emissions product. The ammonia will be transported by pipeline to the nearby Port of Dampier and exported, or loaded onto a bunker vessel, via the existing bulk liquids wharf.
The WAH2 Project procurement strategy is to engage a world class EPC contractor to ensure the management of supplier engagement, sourcing, and schedule driven purchasing aligned with the NH3CE's requirements.
The WAH2 project is progressing through FEED in 2026, targeting a final investment decision by end 2026, with start-up planned by 2030.

Estimated completion date:

31/12/2029

Key goods and services

Indicative list of key goods and services to be acquired for the project:

List of key goods and services:

An Australian entity is an entity with an ABN or CAN.

Key goods and services	Opportunity for entities	Explanation for no opportunities for Australian entities
Ammonia Production Licensor Package	Opportunities for non-Australian entities	No Ammonia Production Licensor vendors in Australia that have the proven technology for a project of this scale.
Gas Turbine Power Generation	Opportunities for non-Australian entities	No Gas Turbine Power Generation vendors in Australia of this size and scale, this specialist equipment is not designed or fabricated in Australia.
Air Separation Unit	Opportunities for non-Australian entities	For the Air Separation Unit, whilst the equipment is not manufactured in Australia, NH3CE is looking at Australian companies to manage this contract.
Cooling Water System	Opportunities for Australian entities Opportunities for non-Australian entities	No Air Separation Unit vendors in Australia
Water Supply Pipeline	Opportunities for Australian entities Opportunities for non-Australian entities	
Water Treatment	Opportunities for Australian entities Opportunities for non-Australian entities	
Water Discharge Pipeline	Opportunities for Australian entities Opportunities for non-Australian entities	
Gas Import Pipeline	Opportunities for Australian entities Opportunities for non-Australian entities	

CO2 Compression	Opportunities for non-Australian entities	Compression equipment is not currently designed or manufactured in Australia.
CO2 Pipeline	Opportunities for Australian entities Opportunities for non-Australian entities	
Ammonia Pipeline	Opportunities for Australian entities Opportunities for non-Australian entities	
Ammonia Storage and Export	Opportunities for Australian entities Opportunities for non-Australian entities	
Plant Utility Supply	Opportunities for Australian entities Opportunities for non-Australian entities	
General Piperack	Opportunities for Australian entities Opportunities for non-Australian entities	

Project standards:

Australian, International

Supplier information and communication

Project Proponents Contact Person

Project proponent's contact person for supplier enquires.

Contact person's name:

Stephen Hall

Contact person's position:

CEO

Phone number:

0862440349

Email address:

stephenh@nh3ce.com

Project Proponent Website

Project proponent website:

www.nh3ce.com

Project Opportunities Website

List of websites:

Is this website active?	Is this website active?	Date the website is expected to go live:
www.nh3ce.com	Yes	

Supplier engagement and communication actions:

Issue media releases or ASX announcements on project developments and opportunities
Directly contact suppliers with information on project opportunities and bid processes

Building Australian industry capability

Supplier capability development actions:

Provide market intelligence to suppliers
Encourage joint ventures and alliances between suppliers

Global supply chain integration actions:

Introduce suppliers to global supply chain partners, Facilitate strategic partnering and joint ventures between Australian and international suppliers, Provide references for high performing suppliers

Feedback:

Confirm you, and/or your procurement entities will offer and, if requested, provide feedback to unsuccessful Australian entities whose bids to supply key goods or services for the project have not been successful
Confirm feedback provided to unsuccessful bidders will include any recommendations of relevant training, skills, capability and capacity development
Confirm you will collect written evidence of feedback offered or provided to unsuccessful bidders

Australian Industry Participation Plan Summary – Operations Phase

Nominated facility operator:

NH3 CLEAN ENERGY LIMITED

Facility details

Facility name:

WAH2 Clean Ammonia Project

Location:

Maitland Strategic Industrial Area, NW Coastal Highway, Karratha, WA, 6714

Type:

Other productive facility

Other facility type:

Ammonia Plant

Key goods and services

Indicative list of key goods and services to be acquired for the new facility:

List of key goods and services:

An Australian entity is an entity with an ABN or CAN.

Key goods and services	Opportunity for entities	Explanation for no opportunities for Australian entities
CO2 sequestration	Opportunities for Australian entities	
Gas supply	Opportunities for Australian entities	
Water supply	Opportunities for Australian entities	
Power supply from grid	Opportunities for Australian entities	
CO2 transport	Opportunities for Australian entities	

Facility standards:

Australian, International

Supplier information and communication

Facility operators Contact Person

Facility operators contact person for supplier enquires.

Contact person's name:

Stephen Hall

Contact person's position:

CEO

Phone number:

0862440349

Email address:

stephenh@nh3ce.com

Facility Operator Website

Facility operator website:

www.nh3ce.com

Facility Opportunities Website

List of websites:

Website address (URL only)	Is this website active?	Date the website is expected to go live:
www.nh3ce.com	Yes	

Supplier engagement and communication actions:

Issue media releases or ASX announcements on new facility developments and opportunities
Develop and distribute a supplier information guide for the new facility

Building Australian industry capability

Supplier capability development actions:

Recommend suppliers undertake training and/or accreditation
Encourage joint ventures and alliances between suppliers
Provide onsite or internal training or accreditation

Global supply chain integration actions:

Provide references for high performing suppliers
Provide onsite or internal training or accreditation

Feedback:

Confirm feedback provided to unsuccessful bidders will include any recommendations of relevant training, skills, capability and capacity development
Confirm you will collect written evidence of feedback offered or provided to unsuccessful bidders
Confirm you, and/or your procurement entities will offer and, if requested, provide feedback to unsuccessful Australian entities whose bids to supply key goods or services for the new facility have not been successful