



Annual General Meeting

Pure Hydrogen Corporation Limited
November 2022 (ASX: PH2)



PROXIES

Resolution Type	Instructions given to validly appointed proxies			
	For	Against	Chair/Open	Abstain
Ordinary	25,454,819 92.20%	773,927 2.80%	1,381,861 5.00%	37,876,868
Special	62,851,005 96.21%	1,082,539 1.66%	1,391,095 2.13%	162,836
Ordinary	49,883,375 95.45%	1,008,016 1.93%	1,372,019 2.63%	13,224,065
Ordinary	54,649,845 94.82%	1,618,016 2.81%	1,369,519 2.38%	7,850,095

AGENDA

ORDINARY BUSINESS

1. Financial Report

To receive and consider the Financial Report of the Company and the consolidated entities, and the Reports of the Directors and Auditor thereon for the financial year ended 30 June 2022.

2. Remuneration Report

To consider and, if thought fit, to pass the following as an ordinary resolution:

“That the Remuneration Report for the financial year ended 30 June 2022, as set out in the Directors’ Report section of the Annual Report, be adopted”.

(Note – the vote on this resolution is advisory only and does not bind the Directors or the Company.)

3. Authority to issue and allot Shares pursuant to Listing Rule 7.1A

To consider and, if thought fit, to pass the following as a **special resolution**:

“That, pursuant to and in accordance with Listing Rule 7.1A and for all other purposes, approval be given for the issue of such number of shares as is equal to up to 10% of the issued share capital of the Company at the time of the issue, calculated in accordance with the formula prescribed in ASX Listing rule 7.1A.2 and on the terms and conditions set out in the Explanatory Memorandum accompanying this Notice of Meeting.”

4. Issue of Options to a Director – Mr Scott Brown or his nominee

To consider and, if thought fit, to pass the following as a

“That, for the purposes of ASX Listing Rule 10.11 and for all other purposes, approval is given for the Company to issue 5,000,000 Options to Mr Scott Brown (or his nominee) on the terms and conditions set out in the Explanatory Statement.”

5. Issue of Options to a Director – Mr Lan Nguyen or his nominee

To consider and, if thought fit, to pass the following as a

“That, for the purposes of ASX Listing Rule 10.11 and for all other purposes, approval is given for the Company to issue 1,500,000 Options to Mr Lan Nguyen (or his nominee) on the terms and conditions set out in the Explanatory Statement.”



Building the Hydrogen Eco System

AGM Shareholders update

Scott Brown - Managing Director

Pure Hydrogen Corporation Limited

November 2022 (ASX: PH2)



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This document has been prepared by Pure Hydrogen Corporation Limited and subsidiaries ("Company").

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Exclusion of Financial Product Advice

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You should consider the appropriateness of the information having regard to your own objectives, financial situation and needs and seek appropriate advice, including, legal and taxation advice appropriate to your jurisdiction. Pure Hydrogen are not licensed to provide financial advice in respect of its shares.

Geological Information

The geological information in this presentation relating to geological information and resources is based on information compiled by Mr Lan Nguyen, who is a Member of Petroleum Exploration Society of Australia and the Society of the Petroleum Engineers and has sufficient experience to qualify as a Competent Person. Mr Nguyen consents to the inclusion of the matters based on his information in the form and context in which they appear. The information related to the results of drilled petroleum wells has been sourced from the publicly available well completion reports. The Company has used a conversion factor of 1.05 to convert Bcf amounts to PJs equivalent.

Page 15 - Notes 1. As reported in Announcement dated 4 May 2021 – the 1C 87.7 Pj, 2C 130.3 Pj and 157.9 Pj – the remaining prospective resource was 536 Pj

The total of 1.1 TCF 3C AND 14.9 TCF Prospective is a combination of Windorah gas project 770 Bcf and 8.8 Tcf, Venus Gas Project 157.9Pj 3C and 536PJ Prospective and Serowe Gas Project 200.7 Bcf and 10.072 Bcf best estimate – Pure Hydrogen has a 30% working interest in the Serowe Project.

Note 2 – The Contingent resources is a summary of 2 reports for the Windorah Gas Project. One estimate prepared by DeGolyer and MacNaughton, a leading international petroleum industry consulting firm in June 2015 in respect of the Queenscliff Area and one estimate prepared by Aeon Petroleum Consultants in respect of the Tamarama area completed in August 2019. The Prospective estimate of 8.8 Tcf is based on the work by DeGolyer and MacNaughton adjusted for the permit that was relished by the Company.

Note 3 – As reported in the Announcement on the 12 April 2022 – the Serowe Project has contingent Resources of 1C 237.5, 2C 316.7 and 3C of 395.9 Bcf and best estimated of 10.07 Bcf – all figures 100%.

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GLOBAL HYDROGEN DEMAND FOR HFC IS GROWING

The Global Hydrogen for Fuel Cell market was valued at USD 14.72 Billion in 2021 and is projected to grow at a CAGR of 21.2% from 2021 to reach USD 80.48 Billion by the year 2030 ¹



Increasing interest in using hydrogen as a clean energy source for powering vehicles and generating electricity, with zero emissions ¹



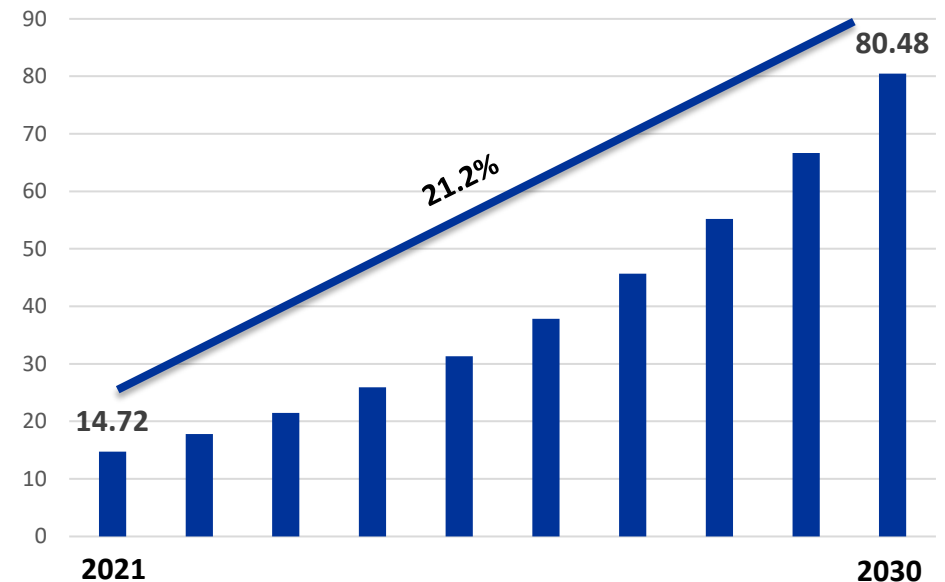
The cost of producing hydrogen is falling due to the continual advancement in technology making it cheaper to produce hydrogen from renewable sources ¹



Growing infrastructure for using and storing green hydrogen with increases in the number of refuelling stations for hydrogen powered vehicles and new storage facilities ¹



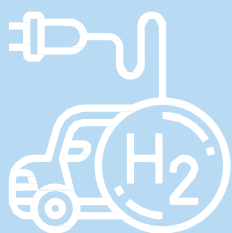
Government support has increased as many are investing in research and development for the production and usage ¹



INVESTMENT HIGHLIGHTS

Targeting an integrated clean Hydrogen business by
manufacturing and facilitating H2 supply, H2 vehicles, H2 vessels
and H2 generators

HYDROGEN FUEL CELL TECHNOLOGY

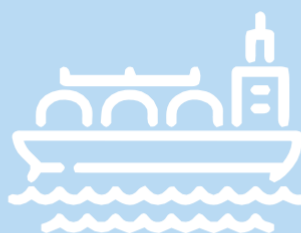


Equity* in hydrogen fuel cell vehicle company (HFCV) and power generation units.

First HFCV vehicles:

Demo Garbage truck and Warrego Vehicle

HYDROGEN GAS OPERATIONS



Manufacture or supply of hydrogen targeting net zero carbon emissions.

Targeting to become Australia's leading integrated hydrogen business, focusing on manufacturing, storage, transport and supply.

NATURAL GAS OPERATIONS



Uncommitted diversified natural gas portfolio in Australia and Botswana.

Leverage natural gas resources to be used as feedstock to convert into hydrogen and high value carbon products.

HYDROGEN IS THE CLEAN ENERGY FUEL ALTERNATIVE

Our aim

To be the lowest cost hydrogen producer and supplier. Using technology and securing hydrogen supply primarily from Emerald and Turquoise manufacturing Hubs.

Our strategy

To sell hydrogen to customers on long term contracts. Pure Hydrogen will package long term Hydrogen fuel contracts to include devices such as Hydrogen Fuel Cell (HFC) Generators, HFC Trucks, Buses and marine vessels.

HYDROGEN OPERATIONS - DOMESTIC AND EXPORT

4



Image sourced from websites.

HYDROGEN JV AND PARTNERING STRATEGIES

Partnering with Hydrogen Manufacturing Technology companies

- CAC H2 – Emerald Hydrogen.
- Plenesys – Turquoise Hydrogen.
- Omni – Emerald Hydrogen.

Partnering with Hydrogen Truck, buses and Hydrogen Fuel Cell devices manufactures

- H2X – Fuel Cell Generators.
- BLK – Heavy haulage trucks.
- Loop – Hydrogen Fuel Cells.
- AusShips – marine vessels
- Advik – India JV



HYDROGEN FUEL TO REPLACE IMPORTED DIESEL

POWER GENERATION

- Off grid
- EV charging
- Back up for solar/wind
- Construction sites
- Farms and Mines
- Peak shaving power



TRUCKS AND BUSES

- Garbage Trucks
- Prime movers
- Short and long haul buses
- Long term supplying service Stations



MARINE

- JV Aus Ships
- Battery Charging/ Hydrogen Fuel Cells
- Establishing marine refuelling stations



TRIAL H2 FUEL CELL TRUCKS: PEPSI AND OTHERS

Pepsi have signed up for trial truck with potential of an initial order of 10 or more.

- Pure Hydrogen have exclusive rights to the truck design in Australia.
- Trial planned to commence Q2 CY2023 in Queensland.



Artist image: Proposed hydrogen fuel cell truck for PepsiCo

MARKET OVERVIEW

HYDROGEN AS A ENERGY SOURCE

Pure Hydrogen is seeking to be the H2 supplier of choice in the Australian market.

- Similar to natural gas from a handling and safety perspective
- Hydrogen is vvery efficient when used in fuel cells for transport, vessels and power generation
- Hydrogen use today is dominated by industries such as oil refining, ammonia production, methanol production and steel production, with almost all of this hydrogen manufactured using fossil fuels (grey hydrogen),
- There is significant potential for emissions reductions from PH2's turquoise and emerald hydrogen manufacturing methods.

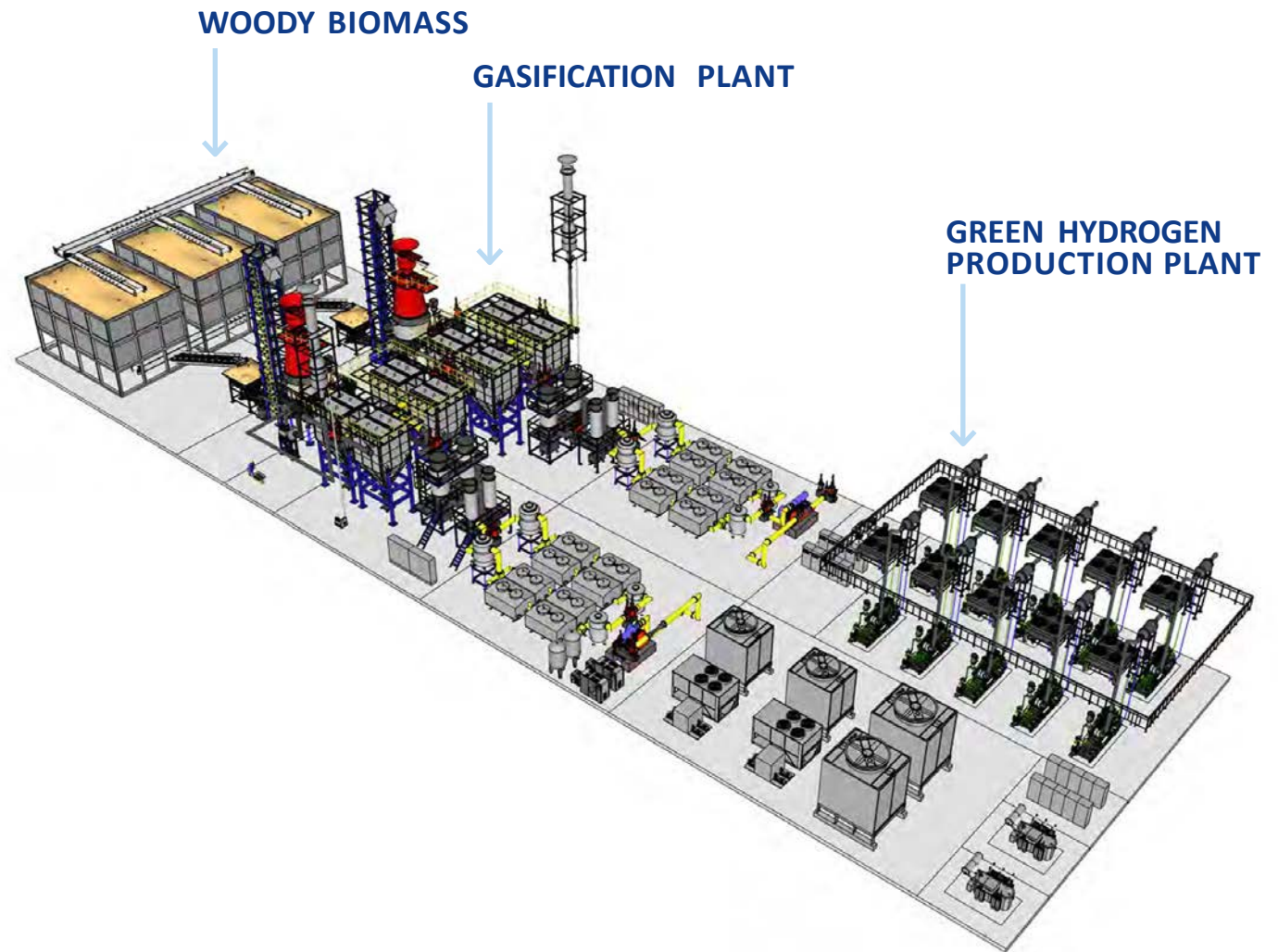
Hydrogen Manufacturing Methods

Grey	Produced by steam methane reforming without carbon capture, using natural gas	High carbon emissions
Blue	Produced by steam methane reforming with carbon capture, using natural gas	Low carbon emissions
Green	Produced by electrolysis, using water and renewable electricity	Zero carbon emissions
Turquoise	Produced by methane pyrolysis, using natural gas and 1/8 of electricity required for electrolysis	Zero carbon emissions
Emerald	Produced by waste to hydrogen technology, using biomass and heat	Net zero carbon emissions

Pure Hydrogen's will utilise clean energy green, turquoise and emerald hydrogen production techniques

THREE EMERALD HYDROGEN PLANTS PLANNED

- Plant construction, leveraging IP of CAC-H2
- Annual conversion of
 - 12,000 tonnes of wood waste



- Daily production of starting 500kg per day – rising to 2,500 kgs of Green Hydrogen @99.97%
- Saving 2,000 tonnes Co2e/yr carbon removal.
- Can add more modules to meet a growing demand.

MORETON BAY EMERALD HYDROGEN HUB

LEADING THE GREEN WASTE TO H2 MARKET

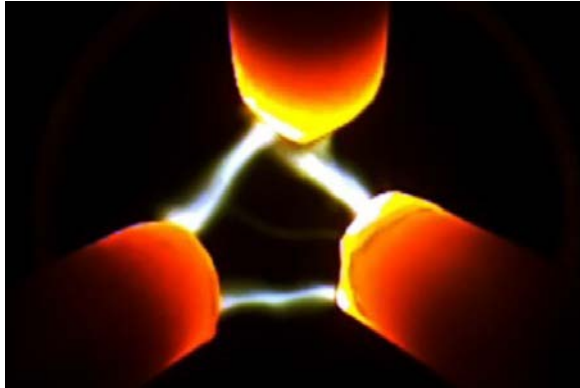
The Moreton Bay project is one of Pure Hydrogen's supply strategies to build and operate hydrogen Hubs on the east coast of Australia.

- Joint Venture with CAC-H2, a global renewable energy specialist
- CAC-H2 to provide waste-to-hydrogen conversion technology, with PH2 to manage distribution and sales
- Land area secured through option to acquire
 - 21-hectare lot adjacent to the Beerburram State Forrest, in proximity to major SEQ population centres
- Locations for two other Emerald Hydrogen hubs being secured.



TURQUOISE HYDROGEN – CH₄ to H₂ GAS AND SOLID CARBON

- Plenesys AI controlled AC plasma torch to decompose Methane in an Oxygen-free reactor
- An optimum High Temperature Plasma Arc splits CH₄ molecules into solid C and H₂ gas components

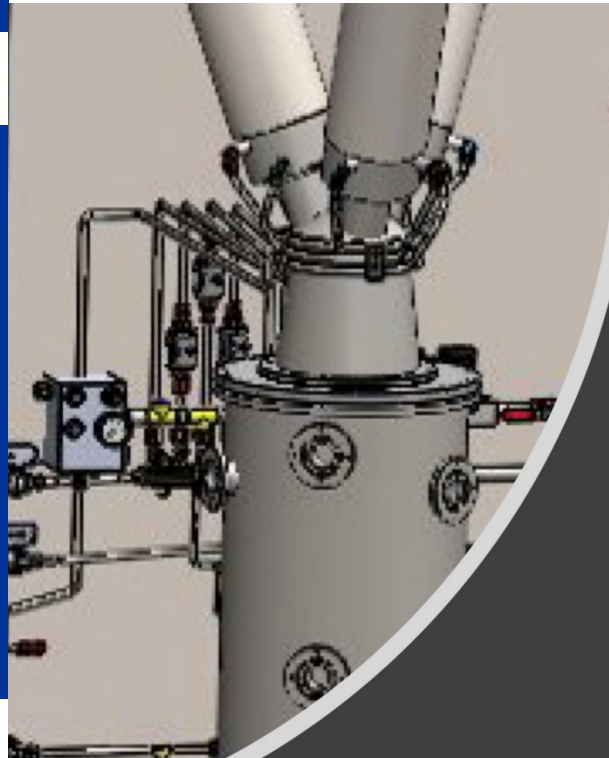


A/C Plasma Torches

Turquoise Hydrogen targets:

- Low cost H₂ and a high % of Graphene/Carbon Nanotubes
- 21st Century clean energy products

When powered with renewable electricity or H₂ fuel cells, the manufacturing process will be Zero Emissions – 'green' hydrogen.



Three AI focussed torches for total plasma control

Decomposes ~100% Methane in to ~100% H₂ gas and ~100% solid carbon atoms.

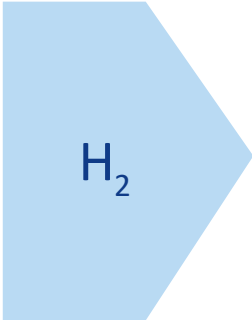
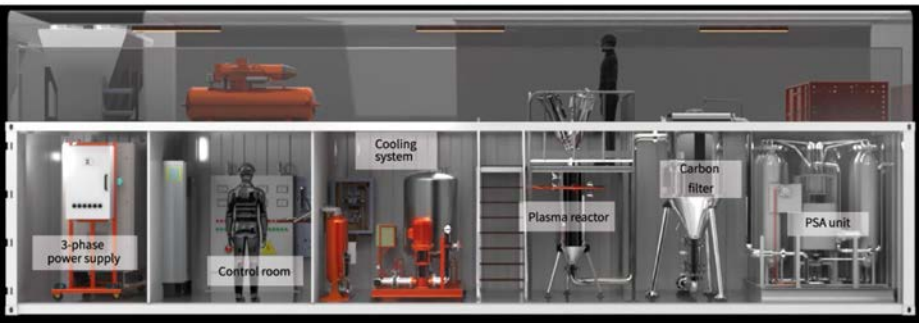


BACK-TO-BASE AND INDUSTRIAL CH₄ TO H₂-C MODULES

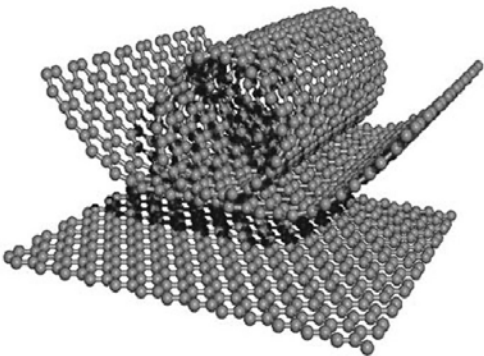
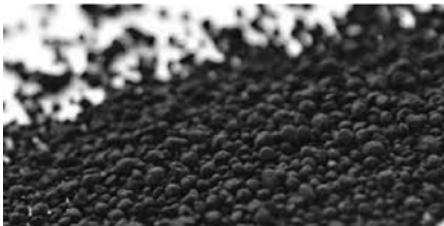
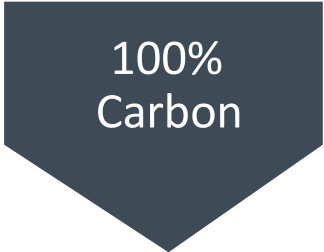
Repeatable as markets grow.

- Scaleable
- No emissions
- Water not consumed in process

1500/5000 kg H₂ per day + 4500/15,000 kg Carbon Products



Value Driver = Carbon Products



Carbon nanotubes
Graphene



UNCOMMITTED NATURAL GAS DEVELOPMENTS

Independently Certified Contingent Gas Resources, net to Pure Hydrogen:

1C: 286 PJ • 2C: 576 PJ • 3C: 1,091 PJ

100% PROJECT VENUS SURAT BASIN CSG, QUEENSLAND



123 Bcf 2C, and 560 PJ in Prospective Resources in the Walloon CSG¹

100% WINDORAH GAS PROJECT - COOPER BASIN GAS



330 Bcf 2C and 8.8 TCF Prospective Resources - basin centered gas²

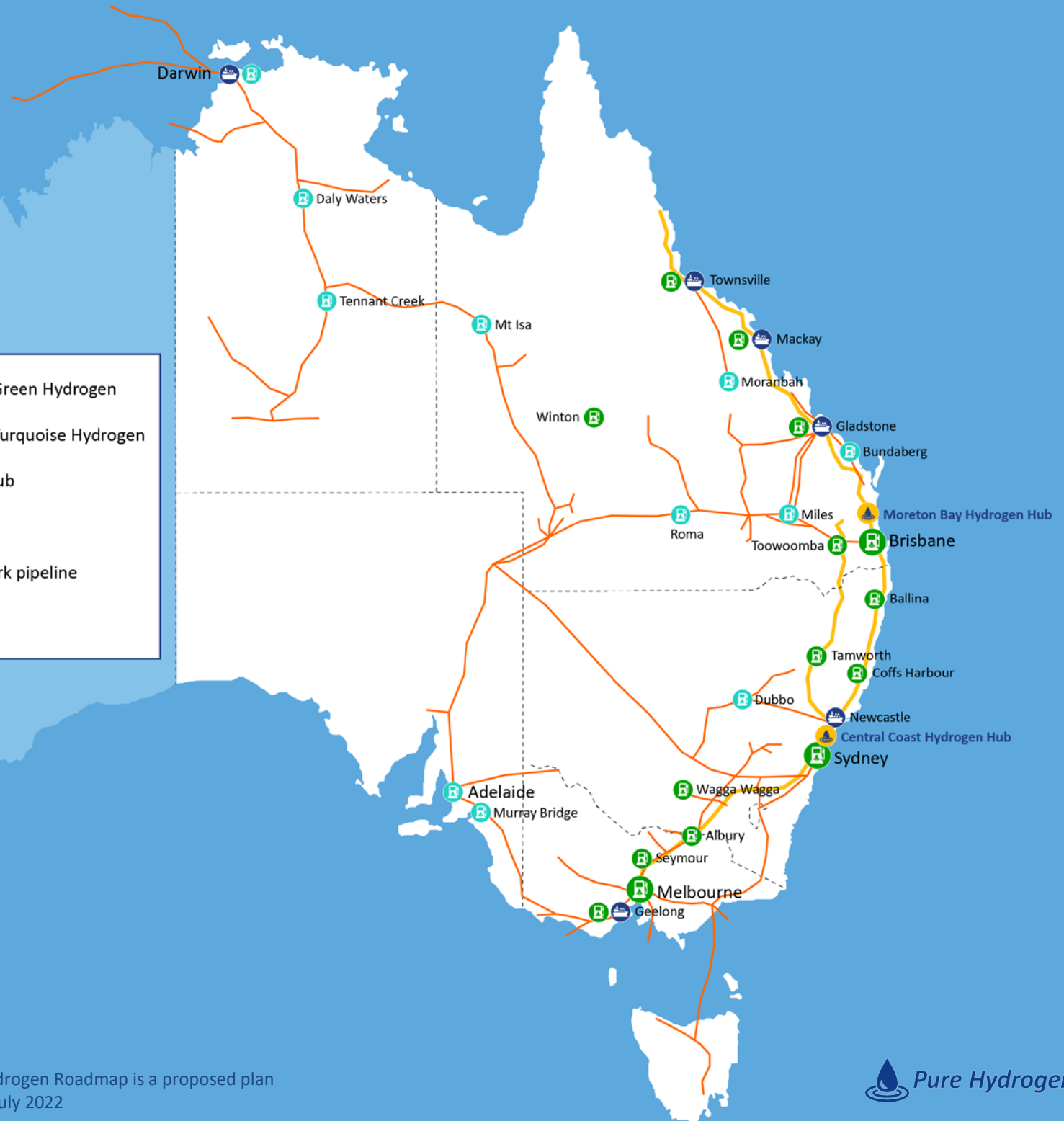
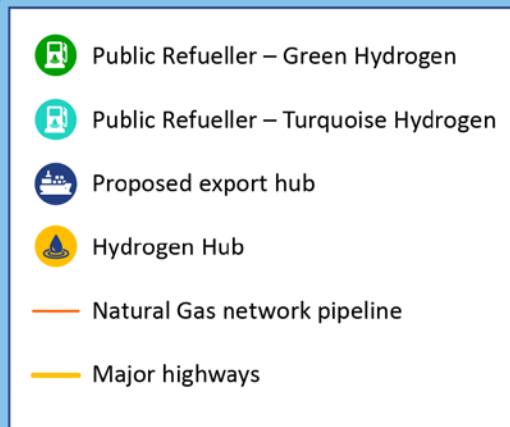
30% PROJECT SEROWE CSG, BOTSWANA (FARMED OUT) + 19.9% of BOTALA ENERGY



317 Bcf 2C and Prospective Resource 8.008 TCF CSG³

Pure plans to build H2 supply Hubs adjacent to its gas fields as feedstock to manufacture turquoise hydrogen and high value carbon products

Pure Hydrogen Roadmap



Disclaimer: disclaimer that the Pure Hydrogen Roadmap is a proposed plan which was previously announced on 7 July 2022

PROPOSED 2023/2034 TIMETABLE TO CASH FLOW

Hydrogen Fuel Hubs and Plants	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023	2024
Moreton Bay Hydrogen Hub Plant Construction and Approvals						
Commencement of Operations for Moreton Bay Hydrogen Hub						
Turquoise Hydrogen Pilot Plant						
Central Coast Hydrogen Hub Plant Construction and Approvals						
Turquoise Hydrogen Commercial Plant						
Commencement of Central Coast Hydrogen Hub						

Development of Hydrogen Fuel Cell Vehicles & Power Units	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023	2024
Showcase Hydrogen FuelCell Double Decker Bus						
PepsiCo Australia Hydrogen Powered Prime Mover Trial						
JJ Waste trial HFC Garage Truck						
HFCV Warrego Launch						
Trial Hydrogen Power Unit						
H2X IPO						

Natural Gas Operations	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023	2024
Drilling of Serowe 7 and 8						
Drilling and flow testing of Venus 2						
Fracking Queenscliff 2						

The proposed timetable is based on the current estimates for each activity and is subject to change. There are factors both internal and external factors which may change the timetable for these activities.

PROVEN BOARD AND LEADERSHIP TEAM

Board of Directors



Scott Brown

Managing Director

Scott has over 25 years' experience as a director and an executive in US and ASX-listed companies, including Real Energy, Objective Corporation, Allegiance Mining and Mosaic Oil.



Ron Prefontaine

Chairman and Non-Executive Director

Ron has over 40 years' experience in the oil and gas industry and was the Executive and Managing Director at two successful ASX-listed companies, Arrow Energy and Bow Energy.



Lan Nguyen

Non-Executive Director

Lan has over 25 years' experience in petroleum exploration, development and production in Australia and internationally, and was the Managing Director at ASX-listed Mosaic Oil.

Executive Management



Les Nelson

General Manager Operations

Les has over 30 years' experience working in industrial and retail markets, including 20 years at Australia's largest Liquified Petroleum Gas distributor, Elgas Ltd, as General Manager.



Gareth Forde

Hydrogen Technology Officer

Gareth has over 20 years' experience in hydrogen, oil and gas, water, energy and process engineering. He is a Registered Professional Engineer of Queensland in both Chemical and Environmental Engineering.



Brendan Norman

CEO/CMO H2X Global

Brendan has held leadership and top management roles at various automotive groups in Australia, Africa, Middle East and Europe, including BMW Group, VW Group, Infiniti and Grove Hydrogen Auto.



Andrew Thompson

Hydrogen Production Technology

Andrew has over 30 years' experience in minerals processing, oil and gas in Australia, UK and Cuba, and has held executive positions at various companies including Arrow Energy.



Clint Butler

Sales Manager

Clint has 15 years' experience and has worked with numerous multi-nationals in the Liquid Petroleum Gas industry and was the Executive Director for an energy monitoring company for 11 years.



Pure Hydrogen aim is to be the lowest cost hydrogen producer and supplier by utilising technologies and securing hydrogen supply primarily from Emerald and Turquoise manufacturing Hubs.

Contact

www.purehydrogen.com.au

Scott Brown – Managing Director

Ph: +61 2 9955 4008

E: scott.brown@purehydrogen.com.au