



Pure Hydrogen

ASX Announcement

Updates to Investor Presentation

Sydney, 15 November 2024: Pure Hydrogen Corporation Limited (ASX: PH2 or 'Pure Hydrogen') refers to its investor presentation announced to ASX on 11 November 2024 (the 'Investor Presentation').

Pure Hydrogen wishes to advise that the following amendments have been made to the Investor Presentation:

- on slide 2, under the subheading 'Geographical Information':
 - the Project Venus contingent gas resources estimate of 157.9 Pj has been clarified to be a 3C estimate;
 - the Project Venus prospective gas resource estimate of 536 Pj has been clarified to be best-case estimate;
 - the paragraph concerning the Pure Hydrogen's total contingent and prospective gas resources has been updated to include the 2C and 1C contingent estimates for each of Pure Hydrogen's gas project and each of the prospective estimates have been clarified to be best-case estimates;
 - the abovementioned paragraph has been updated to clarify that the total estimates are the sum of the 3C contingent estimates of each gas project and the best-case prospective estimates of each gas project;
 - reference to the Serowe gas project have been deleted as the Company no longer has a direct interest in the Project;
 - cross-references to the sources of the estimates in the total contingent and prospective gas resources for the Windorah gas project and have been added; and
 - the cautionary statement required by Listing Rule 5.28.2 has been added;
- on slide 10, a correction to the name of the EV120 Bus;
- on slide 16, a correction to the number of Options on Issue has been made; and
- on slide 16, the footnotes have been updated to reflect the changes made to slides 2 above.

Attached to this announcement is a copy of the updated Investor Presentation.

For further information, please contact:

Pure Hydrogen: Managing Director - Scott Brown +61 2 9955 4008

Released through: Ben Jarvis, Six Degrees Investor Relations, +61 (0) 413 150 448

This announcement has been authorised by the Managing Director of Pure Hydrogen Mr Scott Brown.

Or visit the website: www.purehydrogen.com.au



About Pure Hydrogen Corporation Limited

Pure Hydrogen is a clean energy-focused company seeking to become the leader in the development of Hydrogen and Energy Projects. It has plans to supply hydrogen fuel as a domestically sourced clean fuel in Australia and other countries. Coupled with its controlling shareholding of HDrive offering an expanding line of Zero Emission commercial vehicles to customers seeking to reduce their emissions. Pure Hydrogen has a number of solutions that can allow transition to Zero Emissions (ZE) for commercial customers. Concurrently, the Company is developing natural gas projects directly in Australia and indirectly in Botswana through a strategic investment it holds in a Botswana-focused energy company listed on the ASX.

Strategically, Pure Hydrogen will also prioritise incubation for early-stage companies or projects within the clean energy sector, with the aim of realising profits from those investments. For further details visit www.purehydrogen.com.au

Forward-Looking Statements This announcement may contain ‘forward looking statements’ concerning the financial conditions, results of operations and business of the Company. All statements other than statements of fact are or may be deemed to be ‘forward looking statements’. Often, but not always, ‘forward looking statements’ can be identified by the use of forward looking words such as ‘may’, ‘will’, ‘expect’, ‘intend’, ‘plan’, ‘estimate’, ‘anticipate’, ‘continue’, ‘outlook’, and ‘guidance’ or other similar words, and may include, without limitation, statements regarding plans, strategies and objectives of management, future or anticipated production or construction commencement date and expected costs, resources and reserves, exploration results or production outputs. Forward looking statements are statements of future expectations that are based on management’s current expectations and assumptions, but known and unknown risks and uncertainties could cause the actual results, performance or events to differ materially from those expressed or implied in these statements. These risks include, but are not limited to, price fluctuations, actual demand, currency fluctuations, drilling and production results, resource and reserve estimates, loss of market, industry competition, environmental risks, physical risks, legislative, fiscal and regulatory developments, economic and financial market conditions in various countries and regions, political risks, project delay or advancement, approvals and cost estimates.

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Integrated Solutions for the Zero Emissions Economy



Pure Hydrogen Corporation Limited

November 2024

(ASX: PH2)

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Dates

Any future dates mentioned in the presentation are a guide only and subject to change without notification. There are a range of factors and many of them are outside the Company's control. No reliance should be made on the publication of a particular date.

Independent Advice

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 Nguyen, who is a Member of Petroleum Exploration Society of Australia 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.

Note 1 – As reported in the Company's announcement dated 4 May 2021, the Project Venus contingent gas resources estimates are 1C 87.7 Pj, 2C 130.3 Pj and 3C 157.9 Pj with remaining prospective gas resources of 536 Pj (best-case estimate).

The Company has aggregate total estimates of 918.8 Bcf contingent gas resources (3C) AND 9.3 Tcf prospective gas resources (best-case estimate). These totals are a sum of the contingent and prospective gas resources estimates of the Windorah gas project (contingent resources of 770 Bcf (3C), 330 Bcf (2C) and 118 Bcf (1C), prospective resources of 8.8 Tcf (best-case estimate)), the Venus Gas Project (contingent resources of 157.9 Pj (3C), 130.3 Pj (2C) and 87.7 Pj (1C), prospective resources of 536 Pj (best-case estimate)).

In connection with the above estimates, the Company refers to the announcement by Real Energy Corporation Limited (a predecessor of the Company that delisted from the ASX on 25 March 2021 on 23 August 2019 (Windorah gas project).

Cautionary Statement: The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both a risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially recoverable hydrocarbons.

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 resources estimate of 8.8 Tcf (is based on the work by DeGolyer and MacNaughton adjusted for the permit that was relished by the Company).

ZERO-EMISSION PORTFOLIO

Spearheading the growth of zero-emission technology for the heavy-vehicle industry



ZERO EMISSION VEHICLES

Technology and IP for numerous designs of vehicles both HFC and BEV

Full suite of heavy vehicles
Ground up design – no retrofitting FCE technology into legacy equipment

Pathway to near-term cashflows with proven technology

Complements long-term potential of hydrogen sector

Strong demand pipeline for BEV buses as passenger transport



HYDROGEN EQUIPMENT

Sale of hydrogen equipment

Signed an agreement to sell equipment into Vietnam

Agreements in place to resell hydrogen equipment

First approved hydrogen fuel cell generator in QLD

Mobile refuelling options

Quick deployment of equipment as built into shipping containers



H2 PRODUCTION AND DISTRIBUTION

Becoming a hydrogen utility for production/ supply companies

Developing modular Green Hydrogen production plants located within reach to customers

Emerald and Turquoise Hydrogen production plants featuring partner technology

Agreements in place to resell hydrogen equipment, with first HFC generator approved in Qld

COMPELLING INVESTMENT PROPOSITION



ESTABLISHED TECHNOLOGY BASE

Zero Emission
Fleet with
numerous
vehicle options,
including
buses, waste
trucks and
prime movers



FIRM ORDERS AND GROWING PIPELINE

Potential for
larger scale
orders

Clients include
VAHC, Barwon
Water, JJ
Richards and
Solo



GROWING INTERNATIONAL EXPOSURE

Planning has
advanced for
entry into
the US and
European
markets



ESTABLISHED MANUFACTURING CAPACITY

200 hydrogen
fuel-cell or
battery
electric
vehicles per
month



GOVERNMENT STIMULUS PROGRAMS

Governments
around the
world are
spending big on
hydrogen

In Australia the
Federal Govt
has incentives
of \$22.7bn over
the next 10
years



FY24 HIGHLIGHTS & ACHIEVEMENTS

Sales Pipeline Momentum Building in Australia

HFC Taurus Prime Mover
PepsiCo and Barwon Water

HFC Waste collection trucks
JJ's Waste & Recycling, Solo Resource
Recovery, City of Newcastle

BEV Buses
Transport NSW and Sapphire Coast Buslines

Growing International Market Opportunity

Nutcher Hydrogen (CA, USA)
Riverview International Trucks (CA, USA)
Vietnam ASEAN Hydrogen Club
ARMS Group (UAE)
Brazil's Piauí state



CUSTOMERS & PIPELINE

RECORD SALES EXPECTED FOR FY25⁴

KEY CLIENTS	DESCRIPTION	FLEET SIZE	INITIAL ORDER	STATUS	POTENTIAL FOLLOW ON
	Delivered 2 BEV mini-buses	200	2 mini-buses	2 delivered	16 buses
	Developing HCF Side-Left RCV truck and supplying Emerald hydrogen	2,000	1 refuse truck	Pending ANHV certification ¹	25 trucks
	Sales agreement to supply a HCF powered waste collection truck	700	3 refuse trucks	2 assembled, 1 In build ²	83 trucks
	Supplying HFCEVs in California	Distributor	1 prime mover, 1 refuse truck	In build ²	50 trucks
	Sold a Taurus HFC Prime Mover	N/A	1 prime mover	In build ²	10 trucks
	MOU to negotiate the distribution and supply of HFC EV and BEV into California	Distributor	-	Awaiting certification ³	100 trucks
	Sales agreement for the supply of 5 buses in Ho Chi Minh City	N/A	3 mini-buses, 2 coaches, 1 electrolyser, 1 refueller	In build ²	10 buses
	MOU for the supply of battery electric and HFC electric commercial vehicles	Distributor	-	Awaiting certification ³	100 trucks
	MOU for the supply of FCEV and BEV into the US market	Distributor	-	Awaiting certification ³	100 trucks
Others	Multiple parties	N/A	20 ZE vehicles 2 EV70 1 refuse truck	Awaiting confirmation	100 vehicles

1. Under assessment by Australian National Heavy Vehicle regulator

2. In build: the process of commencing building a vehicle

3. Awaiting certification on a particular component of the vehicle in compliance with international regulations

4. The expected revenue is based on contracts already signed as at 11/11/24 and assuming that sales will be delivered when expected. There may be delays in delivery of sales including factors outside the Company's control

The World's Leading Hydrogen Vehicle Company

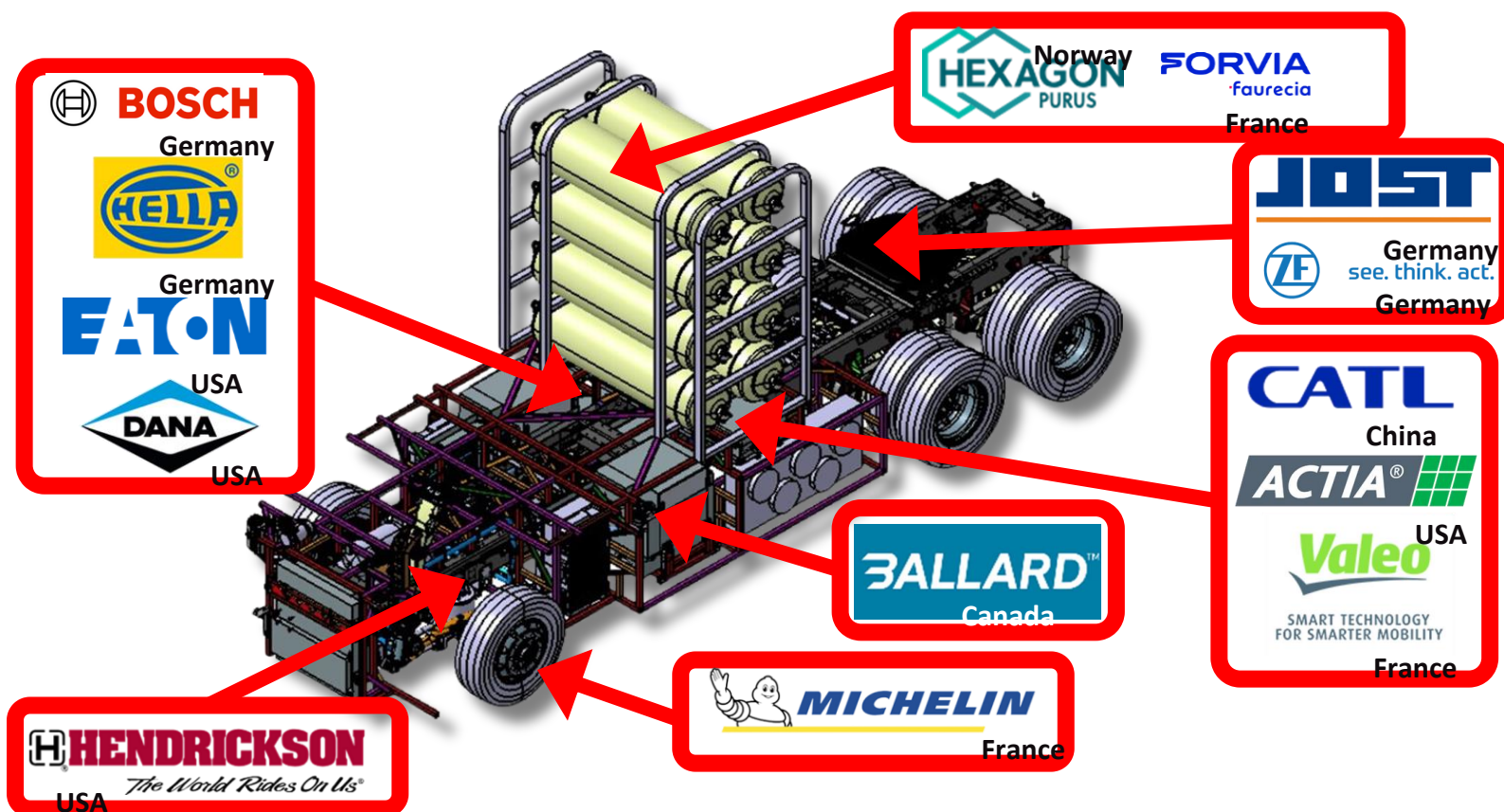
HDrive International is a global provider of hydrogen and electric vehicles for commercial transport, such as buses, trucks, prime movers and more. It offers a range of zero-emissions options and aims to decarbonise the transport industry.

Markets in which HDrive has existing export discussions and orders:

- Australia
- USA
- Saudi Arabia
- Brazil
- Europe
- UK
- UAE
- New Zealand

HIGH QUALITY COMPONENTS

HDrive supports the leading global component suppliers, with growing support of Australian product development and assembly



HYDROGEN VEHICLE SUITE



Refuse Truck

ENERGY TYPE:
H2 Fuel-Cell Electric

RANGE:
≥250km

AXLE CONFIGURATION:
6×4

TOP SPEED:
100km/h



15 - 70T Heavy Truck

ENERGY TYPE:
H2 Fuel-Cell Electric

RANGE:
≥400km

HYDROGEN FUEL CELL:
160 to 400kW, Ballard

TOP SPEED:
100km/h



FC120C Fuel Cell Coach

ENERGY TYPE:
H2 Fuel-Cell Electric

RANGE:
200km

HYDROGEN FUEL CELL:
200kW, Ballard

TOP SPEED:
100km/h



FC70 Fuel Cell Minibus

ENERGY TYPE:
H2 Fuel-Cell Electric

RANGE:
≥300km

HYDROGEN FUEL CELL:
60kW, Ballard

TOP SPEED:
75km/h

BATTERY ELECTRIC VEHICLES SUITE



EV80 Electric Midi-Bus

ENERGY TYPE:
Battery Electric

RANGE:
≥450km

BATTERY TYPE:
Traction Battery,
255kWh CATL

TOP SPEED:
80km/h



EV70 Electric Mini-Bus

ENERGY TYPE:
Battery Electric

RANGE:
≥300km

BATTERY TYPE:
Traction Battery,
31kWh CATL

TOP SPEED:
75km/h



EV70 Electric Mini-Bus

ENERGY TYPE:
Battery Electric

RANGE:
380km

BATTERY TYPE:
Traction Battery,
385kWh CATL

TOP SPEED:
100km/h



T15-EV140 Rigid Truck

ENERGY TYPE:
Battery Electric

RANGE:
≥200km

BATTERY TYPE:
Traction Battery,
141kWh CATL

TOP SPEED:
100km/h

HDRIVE MANUFACTURING AND EXPORT

HDrive is currently working towards vehicle assembly within Australia for local and international deployments

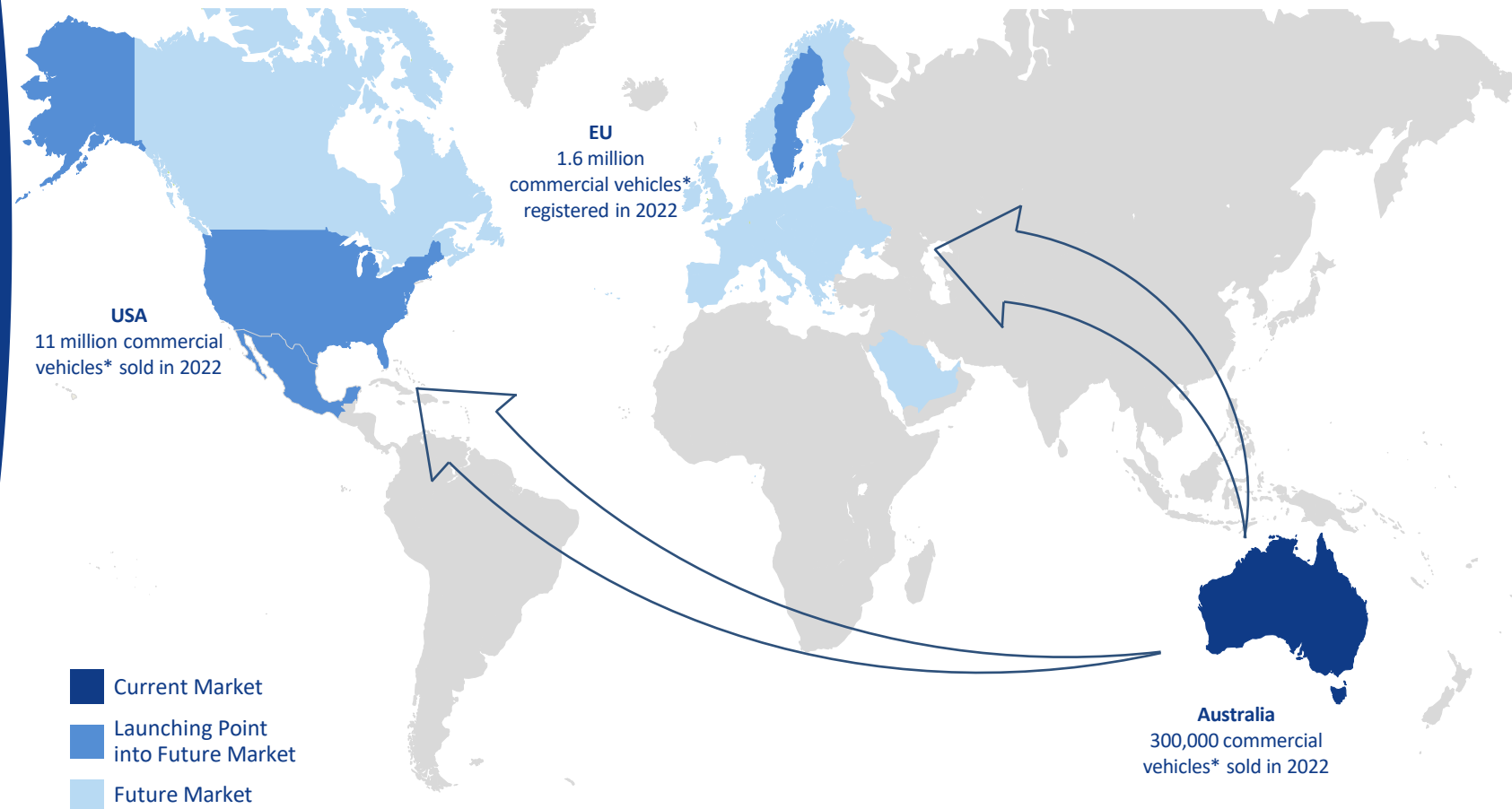
HDrive's long term goal is to assemble vehicles for export and for the local market

HDrive will employ local staff within the first year of production. HDrive will support local manufacturers and suppliers for up to 15% of materials and finished products



US market entry presents massive opportunity

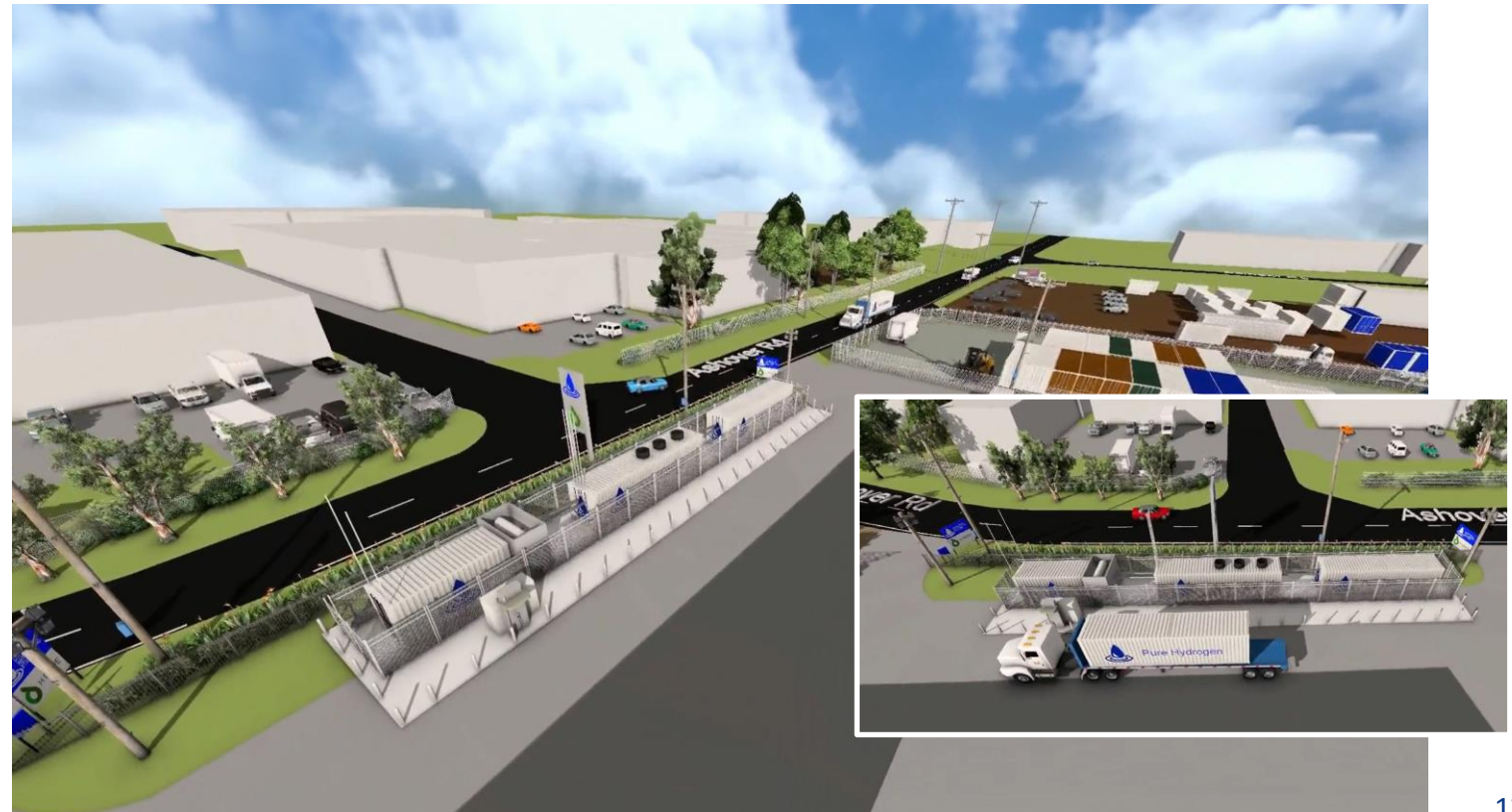
- Geographic expansion
- Product deployment
 - Rigid trucks (including refuse)
 - Prime movers
 - Buses / coaches
- Micro-factories (assembly)



* Commercial vehicles category includes trucks, buses and vans

First Hydrogen Hub in Development at Archerfield Airport

- 5-year lease signed in April 2024 on a strategic industrial site located at Archerfield Airport (QLD)
- Pure intends to manufacture green hydrogen fuel at Archerfield to service commercial transport operators and the aviation industry
- State-of-the-art electrolyser is already on order, which will use net-zero electricity to produce green hydrogen
- Staged development strategy, with Stage 1 based on utilisation of 1,000m² with an anticipated output of 420kg of green hydrogen fuel per day
- Archerfield site is part of PH2's strategy to develop multiple 'CAPEX light' green hydrogen micro-hubs



Pure Hydrogen can sell or rent Electrolysers, Refuellers and Generators

All of the hydrogen equipment and power chargers are plug in play.

Pure Hydrogen is standardising equipment so that it can be delivered using shipping containers.

Pure Hydrogen have already signed an MOU with Vietnam ASEAN Hydrogen Club for the sale of an electrolyser and refuelling equipment.

ELECTROLYSERS

State-of-the-art electrolyser is already on order, which will use net-zero electricity to produce green hydrogen

GENERATORS

Ideally suited to replace standard diesel generators and to switch to emission-free hydrogen fuel cell solutions

REFUELLING

Developing refuelling stations and pods for hydrogen powered vehicles

PODS

Portable storage containers that hold 88kg of hydrogen (equivalent to 800L of diesel)



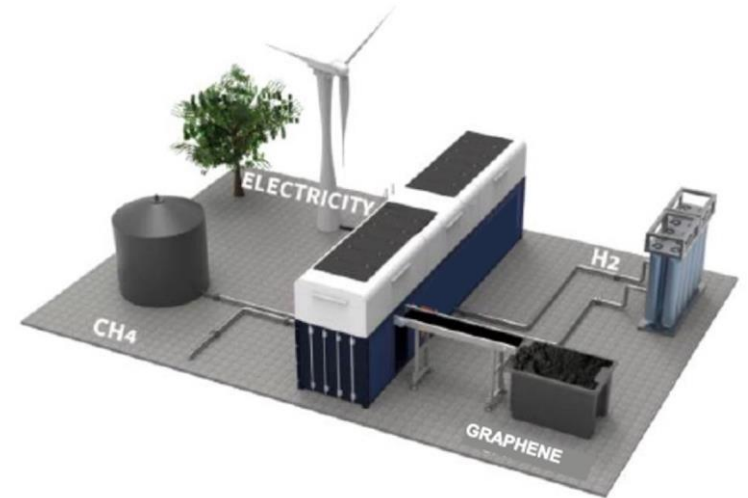
TURQUOISE GROUP: 40% OWNED

Profitable green business model

Two valuable products manufactured with no direct emissions

Turquoise Group's technology is modular, allowing multiple modules to be installed to meet customer requirements.

- Each module has a production capacity of 50tpa Hydrogen and 150tpa of Graphene
- Modules are sized to a standard 40ft shipping container. When powered with renewable electricity, there are low scope 2 emissions
- If biomethane is utilised as a feedstock, the process can become carbon negative



Graphene, the wonder material

Turquoise Demonstration plant has been commissioned refined to target continuous high quality graphene production. Methane pyrolysis: Consolidating the world-first and patented 3-phase plasma torch, the 'engine' of the system.

The technology solution is highly energy efficient, is a water-free process without direct CO or CO2 emissions.

Creates graphene powder (C) and hydrogen gas (H2).

Key value driver is the continuous production of bulk volumes of high-quality graphene powder.

COMPANY PROFILE

BOARD OF DIRECTORS



Scott Brown - Managing Director

Scott has over 30 years' experience as a director and an executive in ASX-listed companies, including Real Energy, Objective Corporation, Allegiance Mining and Mosaic Oil.



Adam Giles - Non-Executive Director

Adam Giles was the 10th Chief Minister of the Northern Territory and held office from 2013 thru 2016. Since leaving politics, Adam has held several senior corporate roles, including a long-term engagement with Hancock Prospecting.



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.



Ron Prefontaine - Non-Executive Director

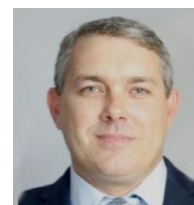
Ron has over 40 years' experience in the oil and gas industry and was the Executive and Managing Director at two successful ASX-listed companies, Arrow Energy and Bow Energy.

MANAGEMENT TEAM



Les Nelson - GM Commercial

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.



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.



Ben Kiddle - CEO HDrive International

Ben has significant experience across ZE heavy and light commercial fleet. He held senior management roles across adjacent sectors including a key role in the business of Custom Denning, across business development and aftersales support.



Dhresh Latchan – APAC Sales / Aftersales Manager HDrive International

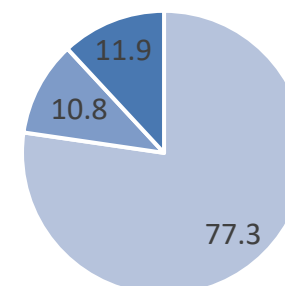
Dhresh brings over two decades of experience in transport, excelling in operations, sales, and aftersales as well as offering deep industry insights, strategic prowess, and a focus on zero emissions solutions

CORPORATE INFORMATION

Stock Symbol	PH2
Shares on Issue	373m ¹
Share Price	\$0.115 ¹
Options on Issue	8.50m ¹
Market Capitalisation	\$43m ¹
Cash Position 30 Sept 2024	\$4m

1. As at 8 November 2024

TOP SHAREHOLDERS



■ Retail & HNW ■ Directors ■ Funds & Others

PORTFOLIO UPDATE: GAS RESOURCES

TOTAL 2C GAS RESOURCES 453 BCF IN QUEENSLAND

Looking to gain value for the current 100% owned gas assets

In April 2024, Pure Hydrogen sold its strategic 30% interest in the Serowe CBM project in Botswana to the project's operator and 70% owner, Botala Energy Ltd (ASX: BTE). Transaction - 14.5 million shares plus a milestone payment of \$750,000¹.

Pure is expected to have around 20% equity interest in BTE when deal closes.

1. See ASX announcement dated 4 April 2024

Independently Certified Contingent Gas Resources, net to Pure Hydrogen:

100% PROJECT VENUS SURAT BASIN CSG, QUEENSLAND



87.7 PJ 1C, 130.3 PJ 2C and 157.9 PJ 3C
in the Walloon CSG¹

100% WINDORAH GAS PROJECT - COOPER BASIN GAS



118 Bcf 1C, 330 Bcf 2C and 770 Bcf 3C-
basin centered gas²



Pure Hydrogen's aim is to be the lowest cost hydrogen producer and supplier of hydrogen devices and equipment.

Contact

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