



## Pure Hydrogen Leases a 4,000m<sup>2</sup> Site in Queensland for its First Demonstration Hydrogen Micro-Hub

- 5-year lease signed on industrial site located at Archerfield Airport, Queensland, to develop first green hydrogen demonstration micro-hub.
- Pure intends to manufacture green hydrogen fuel at Archerfield to service commercial transport operators and the aviation industry.
- First Green Hydrogen supply anticipated Q4 CY2024 subject to approvals. Electrolyser has already been ordered which will use 'green' electricity to produce green hydrogen
- Archerfield will be developed in stages. Stage 1 is based on initially utilising 1,000m<sup>2</sup> of the site with an anticipated output of 420Kg of green hydrogen fuel per day. Scale-up will occur in future stages based on growing demand
- Securing the Archerfield site is consistent with Pure Hydrogen's strategy of developing multiple 'CAPEX light' green hydrogen micro-hubs within close proximity to supply H<sub>2</sub> to customers within reach. Archerfield will act as a template for future micro-hubs

**Sydney, 16 April 2024:** Australian clean energy company Pure Hydrogen Corporation Limited (ASX: 'PH2' or 'Pure Hydrogen') is pleased to confirm that it has signed a lease on a 4,000m<sup>2</sup> commercial site at Archerfield Airport (see *Image 1 below*) located approximately 11 km from the Brisbane CBD with the site being secured for the production and supply of green hydrogen to vehicle and aviation customers.

This is the Company's first step in developing a number of 'CAPEX light' micro-hubs that can produce green hydrogen using green electricity sourced from the grid (see *ASX release: 13 November 2023*). Pure Hydrogen has already placed an order for a state-of-the-art electrolyser which will be combined with compression and storage facilities to manufacture and sell green hydrogen.

The location of this and future micro-hubs is determined by their proximity to commercial vehicle customer depots and operating routes to ensure timely, convenient and cost-effective H<sub>2</sub> refuelling and distribution. The Archerfield site was also selected due to the fact that Pure Hydrogen intends to supply green hydrogen to commercial drone companies operating at the airport which are considering using green hydrogen to power their drones. Archerfield is also strategically located near major trucking and waste depots.

Pure Hydrogen is undertaking a staged development of the Archerfield site with Stage 1, located on 1,000m<sup>2</sup> of the site, capable of producing ~420 KG of green hydrogen per day. Operations will be scaled-up

with additional electrolyzers added as H2 demand grows. CAPEX will be minimised with the Company making use of existing structures and infrastructure. The equipment for the micro-hub including the electrolyser are housed in shipping containers to be installed on any hard stand site. It is expected that the Archerfield Micro-Hub will be operational in Q4 CY2024, subject to approvals. Pure Hydrogen expects to spend about \$880,000 on its electrolyser. A flyer over of the site can be found at :

<https://purehydrogen.com.au/overview-of-the-archerfield-hydrogen-micro-hub/>



**Figure 1: Pure Hydrogen's first micro-hub refuelling site at Archerfield Airport – elevated view**

**Pure Hydrogen Managing Director, Scott Brown, commented:** “As we communicated in late 2023, Pure is committed to developing a number of low-cost micro-hubs to produce green hydrogen for the commercial transport sector, and Archerfield marks the first step in this regard. As well as securing strategic sites, Pure can readily source proven, turn key hydrogen fuel manufacturing equipment and technology that can be deployed across multiple sites and easily connected to green electricity sources.

*Archerfield will be Pure's Demonstration H2 Micro-Hub and the template for planned future plants. The first electrolyser is on order. Pure plans to use strategically located hydrogen micro-hubs that are close to customers and will assist in creating the 'hydrogen highway' as a domestic source of clean H2 fuel. Pure intends to seek hybrid funding and strategic partners to help build the national domestic H2 infrastructure.*

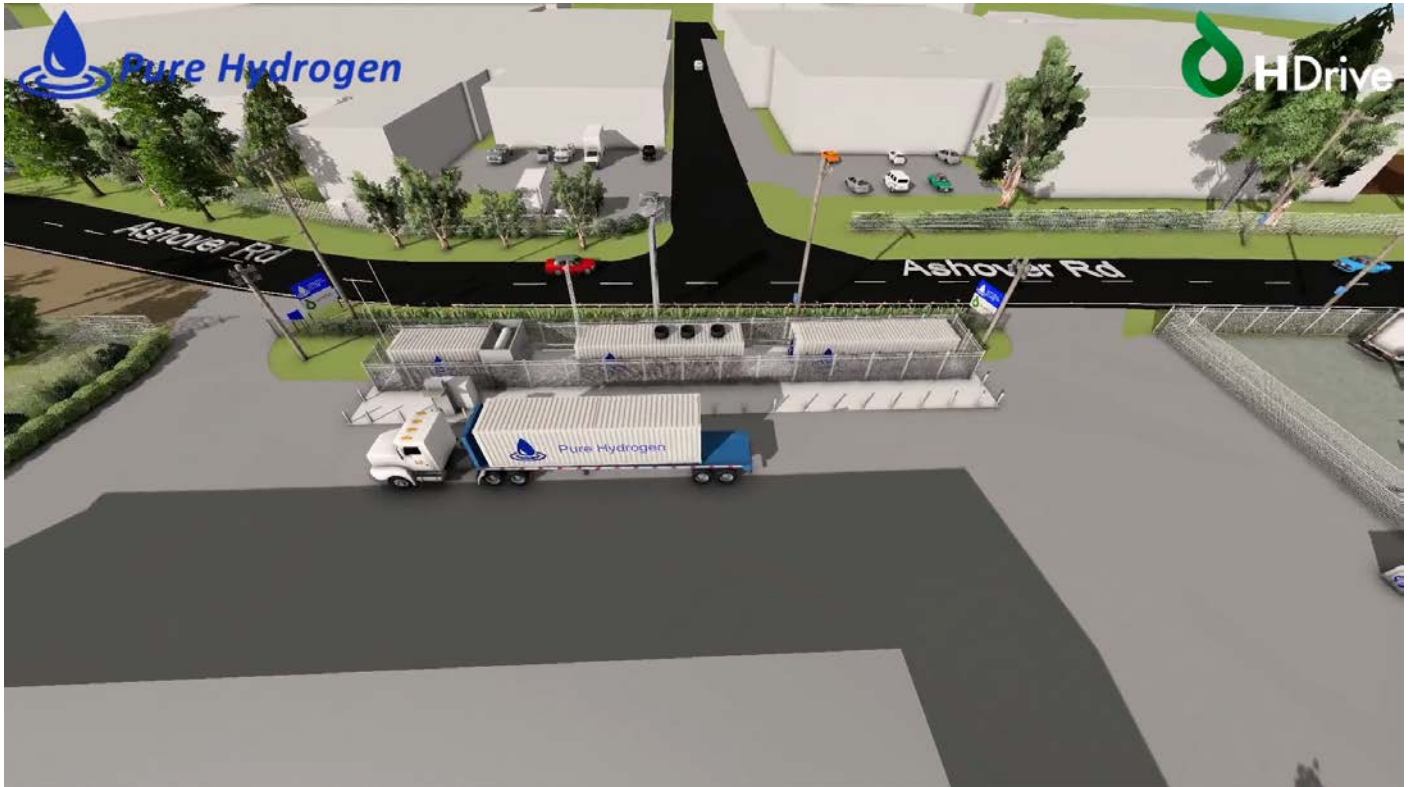
*Our immediate focus now turns to advancing site works so that the first green hydrogen fuel can be supplied late in 2024. We look forward to providing updates as works get underway. We are also making excellent progress with our sales pipeline of numerous commercial Hydrogen Fuel Cell vehicles which includes prime movers, buses and waste collection vehicles, and we look forward to updating shareholders on progress here as well.”*



**Archerfield Airport Corporation (AAC) Director Lachlan Bird** said he was delighted to welcome Pure Hydrogen to the airport community, with the company committing to a 4,000m<sup>2</sup> site in the Ashover Precinct.

*“The Ashover Precinct is ideally suited to transport-related services and Pure Hydrogen’s processing and distribution plant adds to a rich diversity of on-airport businesses that make Archerfield a dynamic centre for aviation technology and commerce,”* he said.

*“Hydrogen has promising applications in aviation - particularly in the rapidly developing advanced air mobility sector - as well as in ground transport. Archerfield Airport looks forward to working with Pure Hydrogen and other partners with a vision to develop sustainable solutions for the future of aviation.”*



**Figure 2: Pure Hydrogen’s first micro-hub site at Archerfield Airport- view on to Ashover Road**

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

#### **About Pure Hydrogen Corporation Limited**

Pure Hydrogen is a clean energy-focused company seeking to become the leader in the development and supply of Hydrogen and Hydrogen Fuel Cell vehicles through the use of cutting-edge technology processes. It plans to supply hydrogen fuel to both Australian customers and regional Asia Pacific markets, through the production of Green, Emerald, and Turquoise Hydrogen. Concurrently, the Company is developing natural gas projects directly in Australia and Botswana and through a strategic investment it holds in a Botswana- focused energy company listed on the Australian Securities Exchange.



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 [www.purehydrogen.com.au](http://www.purehydrogen.com.au)

**About Archerfield Airport Corporation**

Archerfield Airport is Brisbane’s metropolitan airport with a focus on general aviation, servicing more than 120,000 flight movements annually. Some 160 businesses and tenants are based at Archerfield, supporting 600+ FTE jobs in a wide range of industries including cutting-edge aviation technology and aeronautical services. Established in 1931 and located only 11 kilometres from Brisbane’s CBD, Archerfield Airport is a major generator of economic, employment and educational activity, an important emergency services hub, and a catalyst for aviation development and advanced air mobility.

