



# Lion Energy's JV with DGA and Samsung C&T to deliver green hydrogen to Brisbane

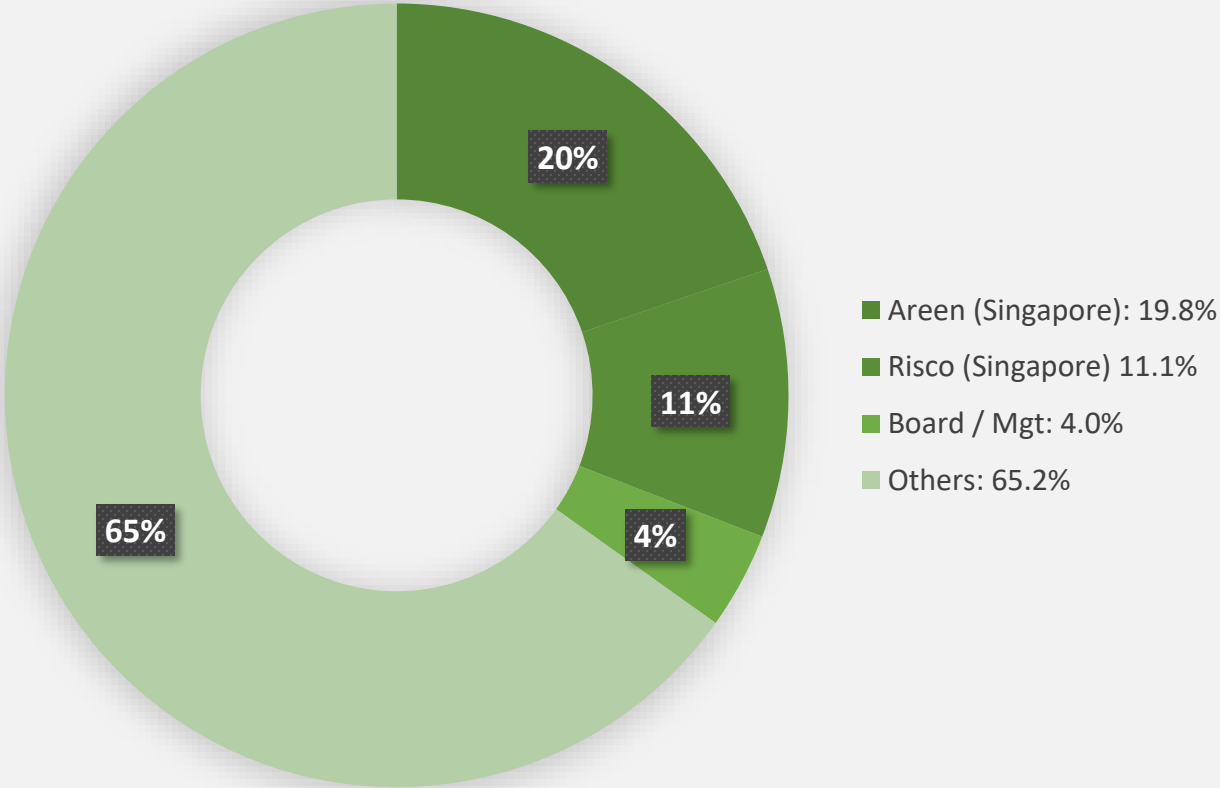


**SAMSUNG C&T**

## CAPITAL STRUCTURE

|                                |          |
|--------------------------------|----------|
| SHARES ON ISSUE <sup>1</sup> : | 496M     |
| MARKET CAP <sup>2</sup> :      | \$12.2M  |
| CASH <sup>3</sup> :            | US\$1.2M |

- 1. Diluted post convertible notes
- 2. at 2.8cps on 22/8/24
- 3. as at 30/06/24 excluding JV cash



## Lion investment thesis

- Lion has pivoted to green hydrogen since 2021, turning vision into reality in 2024
- First mover in Qld, Australia in terms of green hydrogen for industry, heavy mobility, gensets, logistics equipment
- Port of Brisbane (PoB) site/scale is first within Australian capital city
- PoB project financing and delivery boosted with DGA & Samsung JV
- Advanced discussions with offtakers
- PoB green hydrogen project to create a blueprint for other H2 supply facilities across eastern Australia – two other sites under investigation



## JV with DGA Energy Solutions Australia and Samsung C&T to deliver green hydrogen at the Port of Brisbane



Lion has signed a binding joint development agreement with DGA Energy Solutions Australia (DGA) and Samsung C&T (Samsung) to jointly develop green hydrogen at the Port of Brisbane (PoB)



Lion to receive \$3.7m to cover historical & pre-construction costs associated with the PoB Green Hydrogen Project



Upon agreement for commencing construction, DGA and Samsung to become 25% shareholder each in the PoB green hydrogen project, with Lion at 50%



At the same time, DGA and Samsung to procure \$6.3m in debt funding which is expected to satisfy the funding requirements for the construction of the PoB green hydrogen project

## About DGA Energy Solutions Australia Pty & Samsung C&T



DGA Energy Solutions Australia Pty Ltd (DGA) was founded in 2023 in Australia as wholly owned subsidiary of Mitsubishi Corporation (MC).

DGA is responsible for MC Power Solution Group's renewable energy and green hydrogen/ammonia production project investment and development in Oceania regions.



Samsung C&T is an international corporation with four business groups and is a major player globally in Engineering & Construction.

Samsung C&T Engineering & Construction group provides integrated business solutions to customers worldwide in the areas of energy solutions (plant), commercial and residential buildings and civil infrastructure construction



# Infrastructure and Capacity



Onsite H<sub>2</sub> generation with 2 sets of electrolyzers / compressors and storage



Onsite generation capacity of 300 tonnes<sup>1</sup> of green H<sub>2</sub> pa

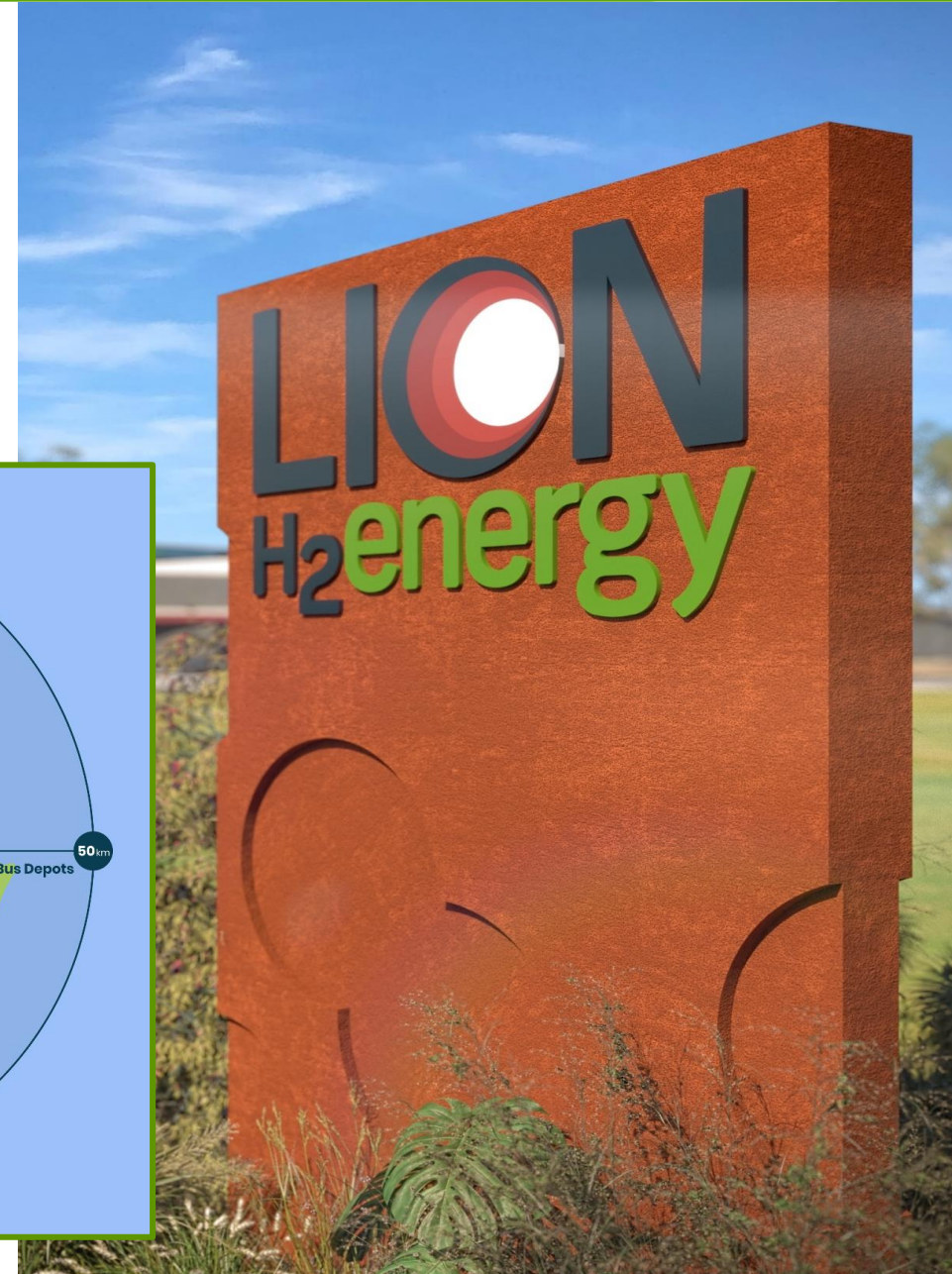


Two hydrogen tube trailers, already received, are being leased to third parties at commercial rates until required for the Project.



## Location

- Port of Brisbane (PoB) on the corner of Osprey Drive and Howard Smith Drive
- Immediate access from M4 highway
- Current 10 + 10yr lease signed with Port of Brisbane<sup>1</sup>





## Status

- Development approval obtained
- Long term lease (up to 20 years) on one of Brisbane's best sites secured
- Major equipment already in Australia or under construction
- Lion has significant cost competitive advantage vs other players<sup>1</sup>
- Funding now strong due to JV
- Advanced discussions with potential offtake partners
- PoB green hydrogen project creates a blueprint
- Two other sites under investigation in other states



1. Lion compares its budget to this \$44m Arena funded project (refer <https://arena.gov.au/blog/viva-energy-unveils-hydrogen-service-station-of-the-future/> )