

Lion at a glance

- ASX listed oil and gas company with conventional PSC's in Indonesia.
- Focus on conventional oil and gas production and development, appraisal and step out exploration risk opportunities.
- Exploring green hydrogen opportunities in Australia.
- Net production of around 40bopd from the Seram PSC which also contains the 1.5TCF Lofin gas/condensate discovery.
- Leveraging synergies in conventional assets and access to both infrastructure and markets.
- Executive team and strategic investors with impressive track records for value creation in Asia.

Contact

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Directors & Officers

Tom Soulsby	Executive Chairman
Damien Servant	Executive Director
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Lion Signs Service Agreement with QUT to assist in the optimal location of Green Hydrogen infrastructure

Key Highlights:

- **Service agreement signed with QUT.**
- **QUT will assist LION using their myGlobe software tool to optimise the location of potential Green H2 infrastructure in Queensland.**
- **LION is excited to be working with a world-class team of researchers to advance its review of potential opportunities in Green Hydrogen.**

Lion Energy Limited ("Lion" or "Company"; ASX: LIO) is pleased to announce the execution of a service agreement with the Queensland University of Technology ("QUT"). For further information on QUT please refer to <https://www.qut.edu.au/research/our-research/renewable-energy>

Pursuant to the service agreement, QUT will provide Lion with QUT's myGlobe software tool to assist Lion in its review of Green Hydrogen infrastructure largely using geospatial data visualisation.

For the geospatial data visualisation of Queensland data sources are expected to include Queensland-wide:

- Solar resources
- Wind resources
- Surface and groundwater resources with visualisation of salinity, water levels, and where possible, electrical conductivity (EC)
- Transmission and distribution of electricity and natural gas
- Major roads and rail connections
- Land use related to industrial activities, transport hubs and ports
- Energy trade connections

Mr Tom Soulsby, Lion's Executive Chairman, said *"we welcome the opportunity to get support from QUT for this important planning work. We re-emphasise the criticality of focusing our efforts at the intersection of renewable electricity and water resources, hydrogen markets and technology."*

ASX Announcement

2 June 2021



The signing of the Services Agreement forms part of "Stage 2" of Lion's Hydrogen Strategy and budget as announced on 7 May 2021. The Company cautions that there can be no certainty that a suitable hydrogen opportunity will be identified.

Further, there can be no certainty that any conditions precedent to progressing such an opportunity (including, without limitation, compliance with ASX Listing Rules 11.1.2 and/or 11.1.3 to the extent applicable) will be satisfied.

ENDS

This ASX announcement was approved and authorised for release by the Board of Directors.