



Chile's Next Sustainable Lithium Producer

Imagining Tomorrow

ASX: LPI

July 2022

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Competent Person's Statement

The information contained in this presentation relating to Mineral Resources has been compiled by Mr Murray Brooker. Mr Brooker is a Geologist and Hydrogeologist and is a Member of the Australian Institute of Geoscientists and has sufficient relevant experience to qualify as a competent person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. He is also a "Qualified Person" as defined by Canadian Securities Administrators' National Instrument 43-101. Murray Brooker consents to the inclusion in this announcement of this information in the form and context in which it appears. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

Reference to Resource Estimate

The reader is referred to the announcement by LPI on the 21 January 2019, which provided details of the updated Maricunga reserve estimate and resource update in accordance with Appendix 5A (JORC Code). The reader is also referred to the Definitive Feasibility Study which was announced by LPI on 22 January 2019.

Cautionary note regarding reserves and resources

You should be aware that as an Australian company with securities listed on the ASX, the Company is required to report reserves and resources in Australia in accordance with the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves ("JORC Code"). You should note that while the Company's reserve and resource estimates may comply with the JORC Code, they may not comply with the relevant guidelines in other countries and, in particular, do not comply with Industry Guide 7, which governs disclosures of mineral reserves in registration statements filed with the U.S. Securities and Exchange Commission. The JORC Code differs in several significant respects from Industry Guide 7. In particular, Industry Guide 7 does not recognise classifications other than proven and probable reserves and, as a result, the SEC generally does not permit mining companies to disclose their mineral resources in SEC filings. Information contained in this presentation describing the Company's mineral deposits may not be comparable to similar information made public by U.S. companies subject to the reporting and disclosure requirements of United States securities laws. You should not assume that quantities reported as "resources" will be converted to reserves under the JORC Code or any other reporting regime or that the Company will be able to legally and economically extract them.

LPI at a Glance

BRINE – South America



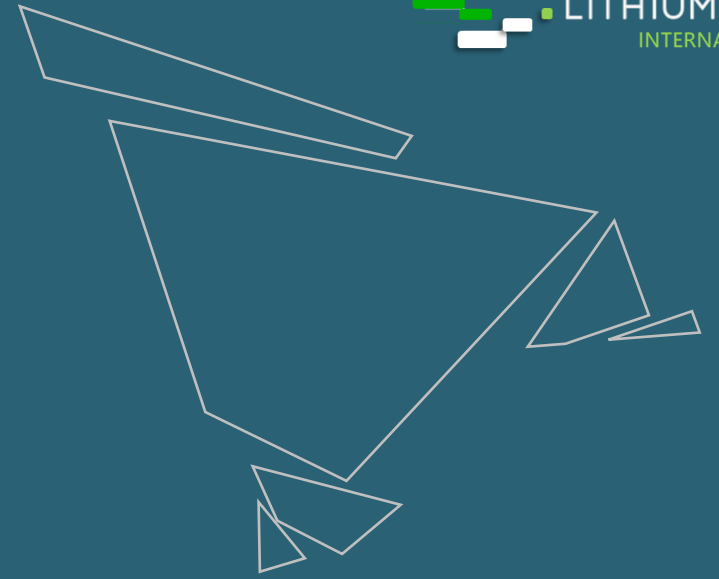
LITHIUMPOWER
INTERNATIONAL LTD

A Diversified
Lithium Company

The central logo for Lithium Power International Ltd. It features a stylized graphic of three overlapping green and white rectangles above the company name. Below the name, it states 'INTERNATIONAL LTD' and 'A Diversified Lithium Company'.

HARD ROCK – Australia



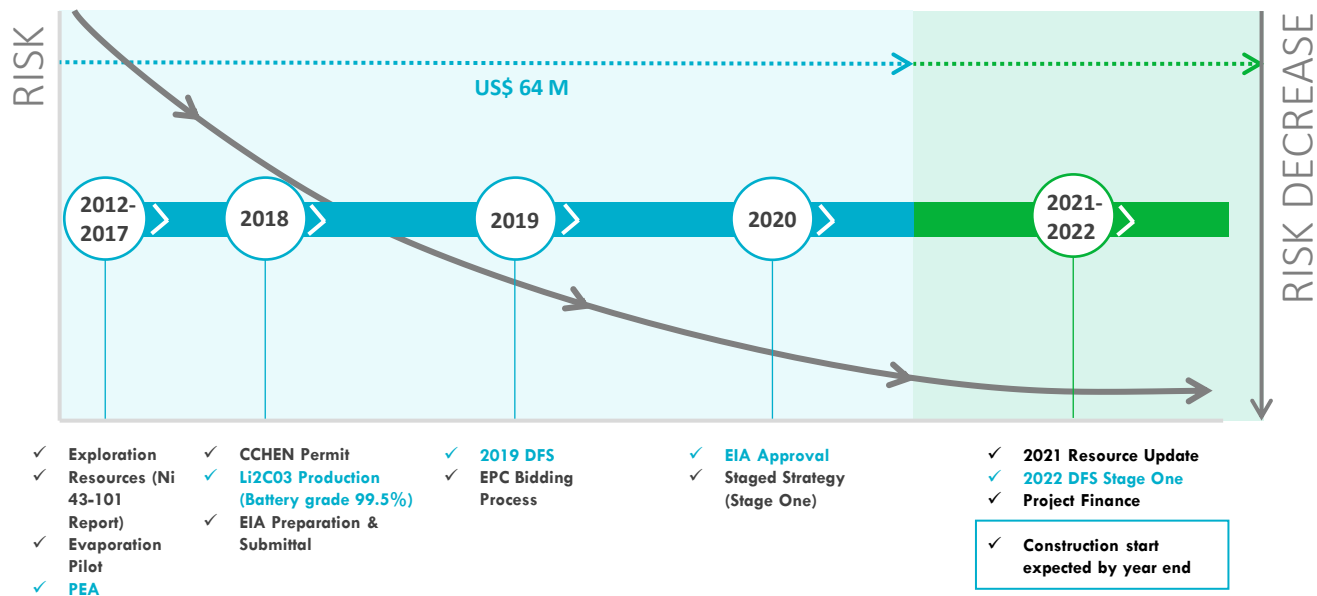


MARICUNGA, CHILE

A sustainable de-risked major lithium development supporting the energy transition



De-Risking the World's Next Lithium Producer



Sustainable Lithium

- ✓ Exceptional ESG Profile; setting a new standard for the relationship with Indigenous Communities
- ✓ Low CO₂ emissions – use of renewable solar energy
- ✓ High purity battery grade lithium carbonate
- ✓ Low water usage (50% recovery)

Outstanding Economics

Production¹ 15,200 t/a LCE over 20 years	Development Cost US\$ 626m Direct development costs of US\$419M, indirect costs of US\$145M and contingency costs of US\$62M.	IRR 44.5% ² (50% leverage)
Operating Cost US\$ 3,718/t	NPV	IRR
	100% equity	50/50 debt/equity
	Pre-tax US\$1.97B	US\$1.98B
	After-tax US\$1.41B	US\$1.42B
		2 years based on 2-year ramp-up

¹ The battery grade lithium carbonate price expected to range from US\$13,263/tonne in 2023 to US\$17,616/tonne in 2023 in inflation adjusted terms.
² After-tax IRR 39.6% assuming a 50% leverage. On a 100% Equity Basis, the pre-tax IRR of 33.4%, after-tax IRR of 29.3%

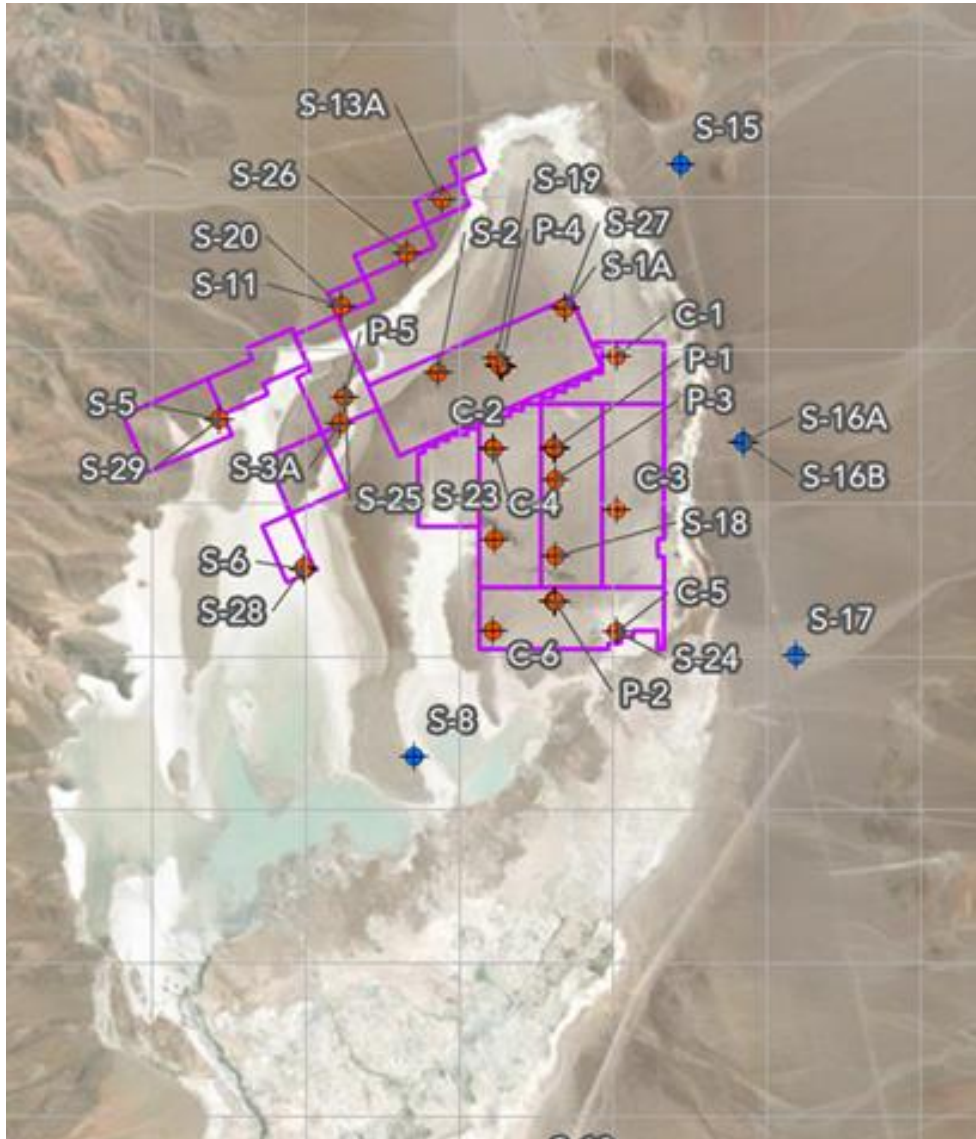
Project Financing



Strategic Alliance with Mitsui

- ✓ Offtake and funding rights
- ✓ New developments and DLE technology testing
- ✓ Expression of interests received for funding from traditional and private institutions (Germany, Canada, US) ~50%-70% of total Capex

Mineral Resources (NI 43-101 and JORC)



Measured
1.3 Mt LCE

Indicated
1.7 Mt LCE

Total
3 Mt LCE

Geological Resource 1.2 – 2.1 Mt LCE



Maricunga: Unrivalled Project Quality



Sustainability in design

- Green producer reflected in the design
- 50% of the water is produced by the project
 - Used of renewable solar energy.



Fully Permitted

High technical environment standards reflected on the environmental approval received by the Chilean authorities in February 2020.



Tier-1 companies

The project have been developed with Tier-1 companies like GEA, Worley, Stantec etc.



Excellent Local & Indigenous Relationships

New standard for the relationship with Indigenous Communities and other Stakeholders, set on Maricunga development.



High quality lithium carbonate

First high purity and high-quality battery grade Li_2CO_3 sample (99.5% purity) produced in 2018, using Maricunga's brine from the Pilot Evaporation Ponds.



Mitsui: Strategic Alliance

- Offtake and funding rights
- New developments and DLE technology testing



Resources & Reserves international standards

Resources and Reserves under NI 43-101 and JORC standards. New exploration down to 400 meters depth.



Supply

- Water supply secured and port and logistics assessment have been completed.
- MOU with a mining company for the use of existing electricity infrastructure.
- Existing international highway.



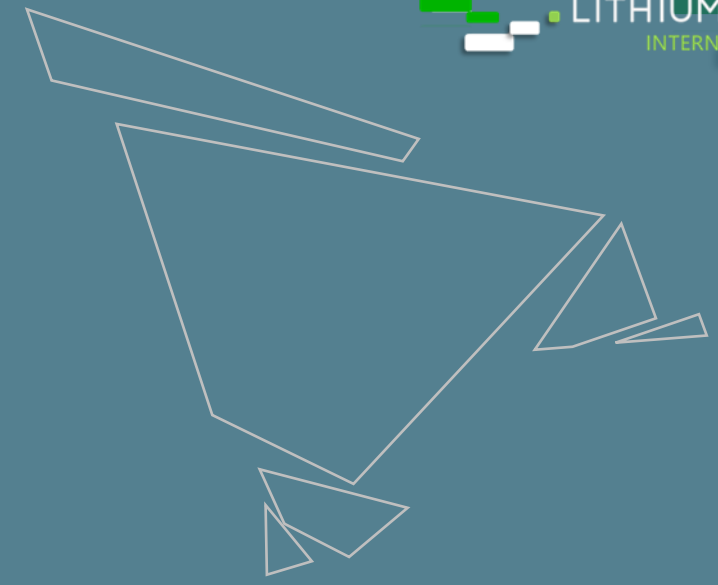
Expansion potential, Staged Strategy

Lower risk on Stage One and expansion potential.

Setting New Standards for Stakeholder Relationships

- ✓ **Indigenous communities** have been in the centre of the MSB Project development from the beginning. The principles for **respect, transparency and participation** have generated strong relationships between the company and the communities.
- ✓ MSB have completed a comprehensive Indigenous Consultation under the **169 ILO international treaty** that protects indigenous rights.
- ✓ MSB considers it appropriate to share part of the future benefits throughout the mine life of the project with the communities.





WESTERN AUSTRALIA

Greenbushes, Pilbara & Eastern Goldfields Projects
– Hard Rock Lithium Exploration



Western Australia

- ✓ **LPI to spin out its Western Australian hard rock lithium assets** into a new listed vehicle.
(ASX Announcement January 12, 2022).
- ✓ These interests are held by a wholly owned subsidiary of LPI, which will seek to list **on the ASX as Western Lithium Limited** subject to ASX, ASIC, ATO and shareholder approval.
- ✓ **Additional projects recently added to the WA portfolio**, which will approximately double the land holdings in WA, providing an attractive base for the IPO for Western Lithium by year end.

Greenbushes Project

- ✓ The northern Greenbushes tenement, **Balingup**, covers **290 km²** directly adjacent to the Greenbushes mine block owned by Talison.
- ✓ The tenement has an **approved program of works (2020)** and an **environmental management plan** for activities in State Forest areas.
- ✓ Acquisition of CMC Lithium adds a further **365 km²** to the Greenbushes region portfolio making LPI the largest holder in the region

Pilbara Projects

- ✓ 20km strike of **highly prospective greenstone** units north-west of FMG's drilling at Tabba Tabba
- ✓ This area contains some of the **highest lithium rockchip 495 ppm Li₂O** and **soil sampling values 515 ppm Li₂O** within the tenement.

Eastern Goldfields Projects

- ✓ Two tenements' holdings in **mineral rich Eastern Goldfields** region acquired from Lysander Lithium
- ✓ Completion to occur upon the **granting final regulatory approvals** and assignment of agreement

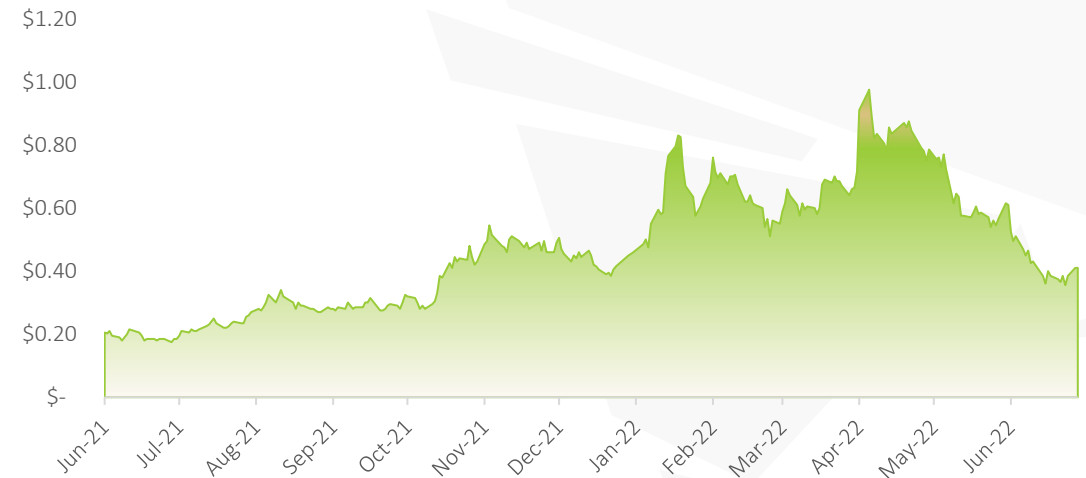


Corporate Snapshot

Highlights:

- ✓ LPI to consolidate a 100% ownership of the Maricunga brine Project, by way three-party all-scrip merger with its JV Partners. (ASX Announcements June 22, 2022)
- ✓ LPI holding 100% ownership of the Project will simplify decision-making and provides the optimal structure to oversee the rapid development of Maricunga.
- ✓ Consideration will be paid in LPI shares thereby allowing the shareholders of the JV Partners to retain exposure to the NPV US\$1.4b Project.

ASX:LPI Chart



Analyst and research reports all consider LPI undervalued, with an analysed LPI share price of \$1.20⁴



ASX Code: **LPI**



Share Price:
\$0.41



Shares on issue:
349,144,848m



SARs²:
12.5m



Market cap: **\$150M**



Cash position³:
~ \$10.6m

Appendix



LITHIUMPOWER

INTERNATIONAL (ASX:LPI)



Lithium Power Board



Mr David R Hannon
Chairman



Mr Cristobal R Garcia-Huidobro
CEO & MD, Chile



Mr Martin J Borda
Non-Executive Director, Chile



Mr Richard A Crookes
Executive Director - Corporate Finance



Mr Andrew G Phillips
Executive Director, CFO & Company Secretary



Mr Russell C Barwick
Non-Executive Director

Technical Committee

Mr. Andres Lafuente - Chief Operating Officer

Mr. Tarek Halasa - Chief Development Officer

Mr. Frederick Reidel - QP under TSX NI 43-101

Mr. Peter Ehren - QP under TSX NI 43-101

Mr. Carlos Espinoza – Hydrological Consultant

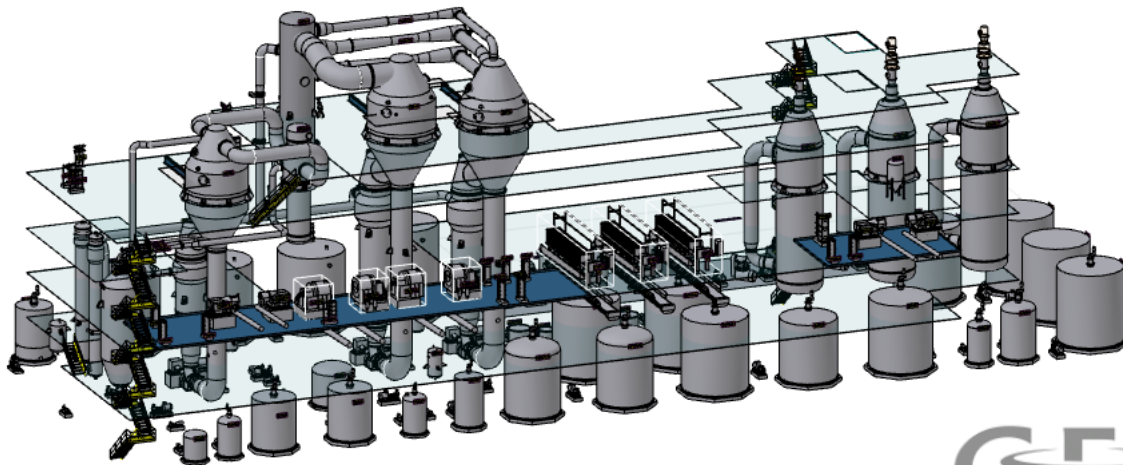
Mr. Hugo Barrientos – Engineering Consultant

Mr. Murray Brooker - QP/CP under TSX NI 43-101/ JORC

Innovation in design: Forced Evaporation

The Forced Evaporation process consists of a concentration by physical processes where salts are precipitated using temperature changes and a series of evaporators and crystallizers. This technology is widely used in other industries and have been proven by LPI for the last 4 years.

- **Area reduction** of evaporation ponds by 25%.
- Shortens the **concentration time** in 6 to 12 months.
- **Increases the efficiency by 10%.**
- **Recovering of more than 50% of water needed** by water recirculation and a self-producing through condensation.
- High-quality **Battery Grade Lithium Carbonate.**





Thank You



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