Imagining Tomorrow
Chile’s next Lithium Brine Project

The movement is electric
JMM Broker Briefing 7 October 2021
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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 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 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 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 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 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 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 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 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 it is not aware of any new information or data that materially affects the information included in the original market announcement.

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Lithium Industry Overview: EV Market

**Honda**
- Honda expects all mainstream models to feature electrified powertrains in Europe.

**Ford**
- Ford plans entirely electrically-chargeable CV range (2026 for PHEVs), before transitioning to an exclusively battery electric PV product line-up from 2030. All of these plans extend to Ford’s European operations exclusively.

**Vauxhall**
- Vauxhall plans to offer an electrically-chargeable version of its entire model range.

**Audi**
- Audi expects BEVs to account for 40% of total global sales.

**Hyundai**
- Hyundai expects to sell 500,000 BEVs per year from this point onwards — becoming one of the top three manufacturer of zero-emissions vehicles globally. For context, 500,000 units would represent 13.7% of total global sales in 2019 (4.4m).

**Jeep**
- Jeep expects all new models to be electrified to an extent — this includes MHEVs, HEVs, PHEVs and BEVs.

**Bentley**
- Bentley plans entirely electrically-chargeable range to account for 50% of total vehicle sales globally.

**Mercedes-Benz**
- Mercedes-Benz expects electrically-chargeable range to account for 50% of total vehicle sales globally.

**Toyota**
- Toyota expects to sell 5.5m BEVs globally. For context, it sold around 10.4m vehicles in total in 2019. It expects electrically-chargeable vehicles to account for around 50% of its model line-up.

**Kia**
- Kia expects BEVs, PHEVs and hydrogen FCVs to account for 40% of total global sales.

**Chevrolet**
- Chevrolet plans to host an exclusively electrically-chargeable model line-up globally.

**Buick**
- Buick plans to host an exclusively electrically-chargeable model line-up globally.

**SEAT**
- SEAT expects to have launched a new electrically-chargeable model.

**Fiat**
- Fiat expects 60% of its PV models to be electrified.

**Volvo**
- Volvo expects BEVs to account for 50% of its total global new vehicle sales.

**Skoda**
- Skoda plans to have an electrically chargeable model line-up globally.

**Porsche**
- Porsche expects 50% of all new model to be electrified.

**Land Rover**
- Land Rover expects BEVs to account for 60% of global new vehicle sales.

**Chrysler**
- Chrysler expects to offer an electrified version of all new models from this point onwards.

**Citroën**
- Citroën plans to host an exclusively electrically-chargeable model line-up globally.

**Lexus**
- Lexus expects to entirely model line-up to consist of BEVs exclusively.

**Volkswagen**
- Volkswagen expects BEVs to account for 20% of total European sales and 50% in the US and China.

**Chevrolet**
- Chevrolet expects BEVs to account for 50% of total global sales.

**GMC**
- GMC plans to host an exclusively electrically-chargeable model line-up globally.

**Nissan**
- Nissan plans entirely electrically-chargeable model line-up in key markets (Japan, China, US & Europe) from the early 2030s.
Lithium: Production and demand

High Demand for Lithium-Ion Batteries

Battery production to ramp up, with the equivalent of 22 Gigafactories online by 2028

Data by: Benchmark Mineral Intelligence
A sustainable de-risked major lithium development supporting the energy transition
De-Risking the World’s next Lithium Producer

LITHIUM POWER INTERNATIONAL (ASX.LPI)

OUTSTANDING ECONOMICS

90% increase on M+I Resources and significant exploration target with more than 2 million tonnes of LCE potential

SOLID BASE FOR FUTURE EXPANSIONS

90% increase on M+I Resources and significant exploration target with more than 2 million tonnes of LCE potential

2021

Strategic alliance with MITSUI
✓ Offtake and funding rights
✓ New developments and DLE technology testing

2012
2015
2017
2018
2019
2020

US$ 52M

RISK

RISK DECREASE

Exploration

Resource (NI 43-101 Report)
Evaporation Pilot

CCHEN Permit
(Chilean Nuclear Commission)

First L12CO3 test production
(battery grade 99.4%)

DFS
EPC Bidding Process

MOU Codelco

PEA

EIA Approval

Stagged Strategy

COMPETITIVE CASH COST
Maricunga: Unrivalled project quality

**Sustainability in design**
Green producer reflected in the design
- 30% of the water is produced by the project
- Used of renewable solar energy.

**Excellent Local & Indigenous Relationships**
New standard for the relationship with Indigenous Communities and other Stakeholders, set on Maricunga development.

**Resources & Reserves international standards**
Resources and Reserves under NI 43-101 and JORC standards. Updated M+I Resources with 90% increase for Stage One.

**Mitsui: Strategic Alliance**
- Offtake and funding rights.
- New developments and DLE technology testing.

**High quality lithium carbonate**
First high purity and high-quality battery grade Li2CO3 sample (99.4% purity) produced in 2018, using Maricunga’s brine from the Pilot Evaporation Ponds.

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

**Supply**
- Water supply secured throughout the mine life and Port logistics assessment has been completed.
- Government approval given for the use of electricity infrastructure.
- Existing international highway.

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

**Stagged Strategy**
Lower risk and expansion potential.
WESTERN AUSTRALIA

Greenbushes and Pilbara Projects – Hard Rock Lithium Development
Western Australia - Greenbushes
LPI recommenced exploration in Western Australia at the beginning of 2021

Greenbushes Project 100% Ownership

➢ The northern Greenbushes tenement, Balingup, covers 315 km$^2$ 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.

Laterite Sampling:
➢ Infill laterite Sampling program at the Balingup Tenement was completed. This work confirmed the existing anomalies.

➢ A broad regional of laterite sampling program was also completed. Lithium and other elements analysed in these samples are in lower concentrations than previously encountered.

➢ Detailed Fauna Survey and Assessment currently underway at East Kirup prospect within the Tenement to allow for an initial 1600m RC Drilling program to commence at the East Kirup lithium anomaly in December 2021, with a further 1600m RC program is currently pending environmental approval at East Kirup.

➢ A detailed magnetic survey to be carried out in late October 2021 over Blackwood Prospect within the southern Greenbushes tenement, Brockman Hwy, covers 83 km$^2$.
Pilbara Projects 100% Ownership

- 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.
- A program of work for drilling in the southern area of Tabba Tabba was approved Q1 2021.
- All tracks and pads constructed for this drilling program have been rehabilitated with drilling suspended due to COVID-19 restrictions.
- Further work being planned in this area in Q2 2022.
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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
Thank You

info@lithiumpowerinternational.com
lithiumpowerinternational.com