

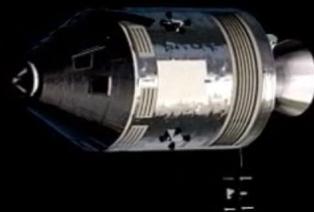
*After a 10 year hiatus, a new lithium company  
emerges from the galaxy*

ASX  
**LU7**



**Lithium Universe**  
LIMITED

BUILDING A LITHIUM FUTURE



Iggy Tan, Chairman

## Lithium Trail Blazer is Back

- Ran Greenbushes Li in 1995, commissioned Li Carb Plant
- First mining executive - lithium-ion battery future
- First large scale integrated mine to refinery project
- Built Mt Cattlin Spodumene Mine (137 ktpa)
- Built Jiangsu Lithium Carbonate Plant (17 ktpa)
- GXY MCap <\$10 m (left 2013) - \$2.5b at merger



- Spodumene price - US\$ 260/tonne at the time
- FY 22-23 EBITDA record of US\$516m
- 130,984 dmt of spod 5.3 %Li<sub>2</sub>O



**Mt Cattlin Spodumene  
Operation**

- Largest plant in the world at the time
- Best quality Li Carbonate today
- Li Carb price then US\$ 6,000/tonne



**Jiangsu Lithium Carbonate  
Plant**

## Greenbushes Lithium Veteran



**Patrick Scallan OAM**  
Non-Executive Director

- Ran Greenbushes Mine for 25 years
- Oversaw expansion from 200 Ktpa to 1.4 Mtpa
- Largest spodumene & highest grade operating mine in the world

## International Downstream Expert



**Dr Jingyuan Liu PhD**  
Non-Executive Director

- Ex-Galaxy GM Technology
- Leading technical expert in the Lithium Industry
- Designed & Operated world-class Jiangsu Lithium Carbonate Refinery

## Why Canada?

- Australia produced >2.3 mt spodumene in 2022
- Australia pillar of China Li battery value chain
- Fertile ground for spodumene
- Lack of production from Canada
- Quebec global resource estimates ~500Mt @ +1% Li<sub>2</sub>O
- Australian expertise moving to Canada



**“Canada wants to be the “Australia to North America”**

Joe Lowry, Mr Lithium

**“We are not here to explore for  
exploration's sake”**

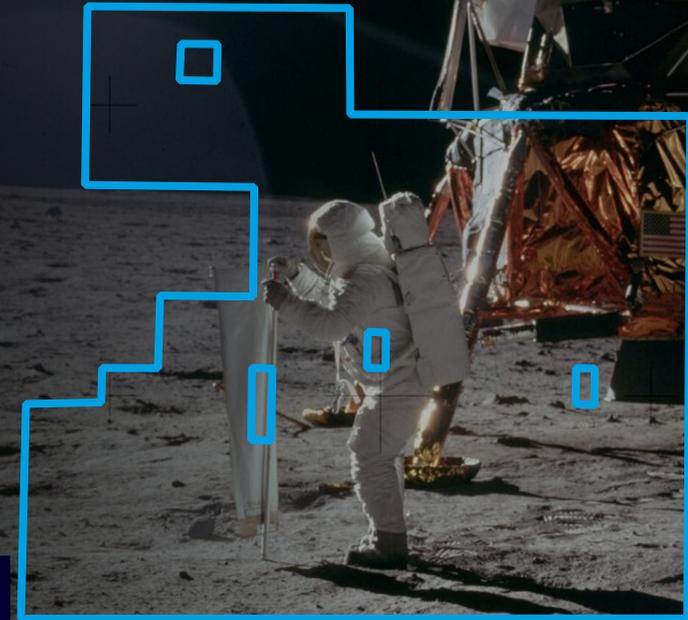
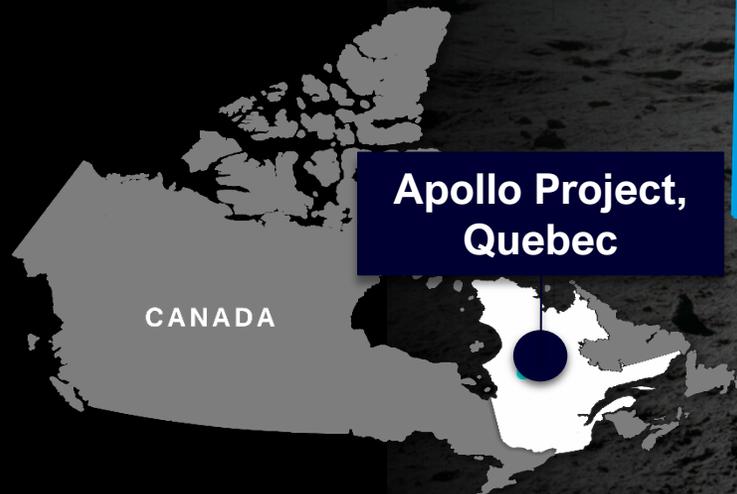


**“We are here to build a Lithium project in  
Canada as quick as we can”**



# Apollo Vehicle to the Universe

- Situated in James Bay, Quebec
- Apollo (80%) Acquired in June 2023
- Large footprint of 466 claims & 240 km<sup>2</sup>





## Exploration Continues at Apollo

- Partnered with Laurentia Exploration Inc
- High-resolution Airborne Magnetic Survey completed
- Micro-Gravity and soil sampling program
- Priority drilling targets identified





**Iggy Tan**  
Chairman  
Ex Galaxy MD



**Patrick Scallan**  
NED  
Ex GM Talison



**Dr Jingyuan Liu**  
NED  
Ex Galaxy GM Technology



# Lithium Dream Team



**Terry Stark**  
Head of Mining  
Ex Galaxy  
GM Operations



**Roger Pover**  
Head of Processing  
Ex Galaxy Plant Manager



**Huy Nguyen**  
Engineering Manager  
Ex Mt Cattlin Construction

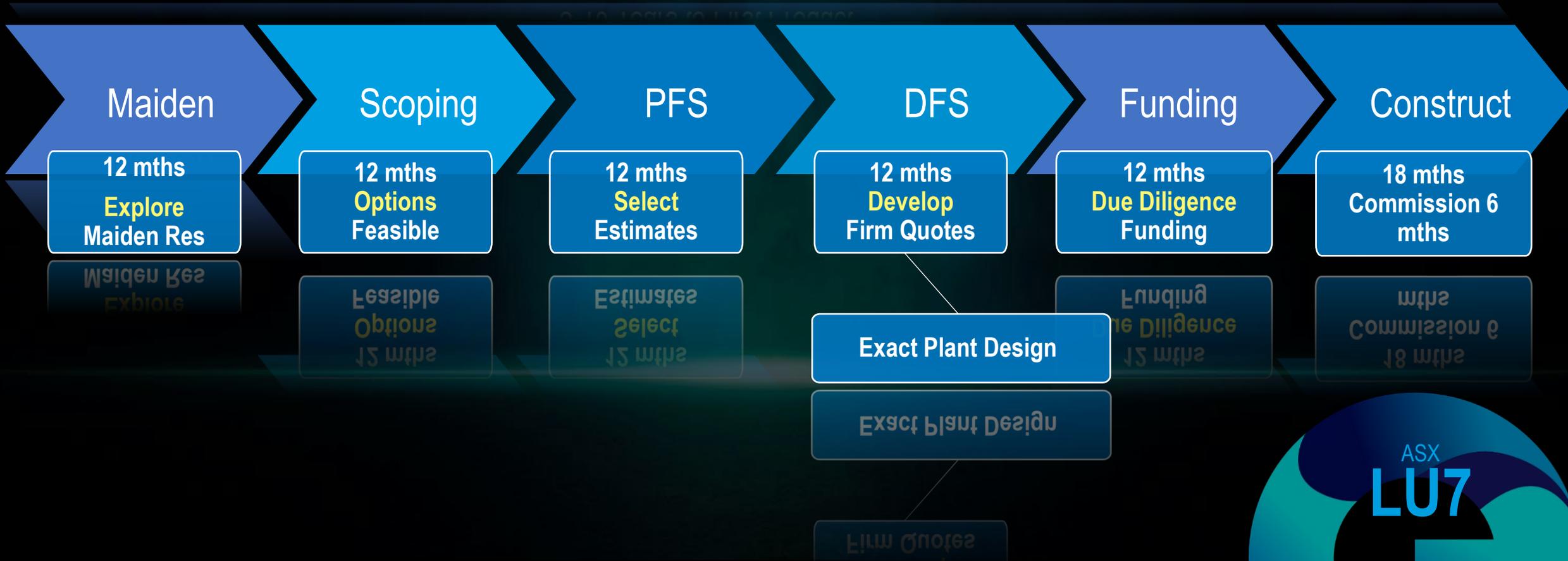


**John Loxton**  
Head of Li Refinery  
Ex Hatch Li Carb Plant



**John Sobolewski**  
Chief Financial Officer  
Ex Galaxy CFO & Co Sec

8-10 Years to First Product





## Tianqi Kwinana LiOH



- 5 Years so far
- Capital Cost Blowout
- A\$400m to A\$770m
- FY 23 - 8% of design

## Abermale Kemerton LiOH



- Construct 2019 (5 years)
- 18 mth commissioning
- Still <50% of design rate
- Parachuting Chinese operators

## North American Lithium



- DFS completed 2011
- Started 2014
- Spent circa CAD 250m
- Produced 109 t LC
- Bankruptcy 2015

## Nemaska Lithium



- DFS completed 2018
- Spent CAD 411 m
- Failed to start up 2019



## Why have these projects failed?

- Lack of operating & maintenance direction at design
- Lack of overall plant operation understanding
- Limited management oversight at design
- Limited commissioning experience

**Our Lithium Dream Team are Operators**



## Canada Forcing Critical Minerals Strategy

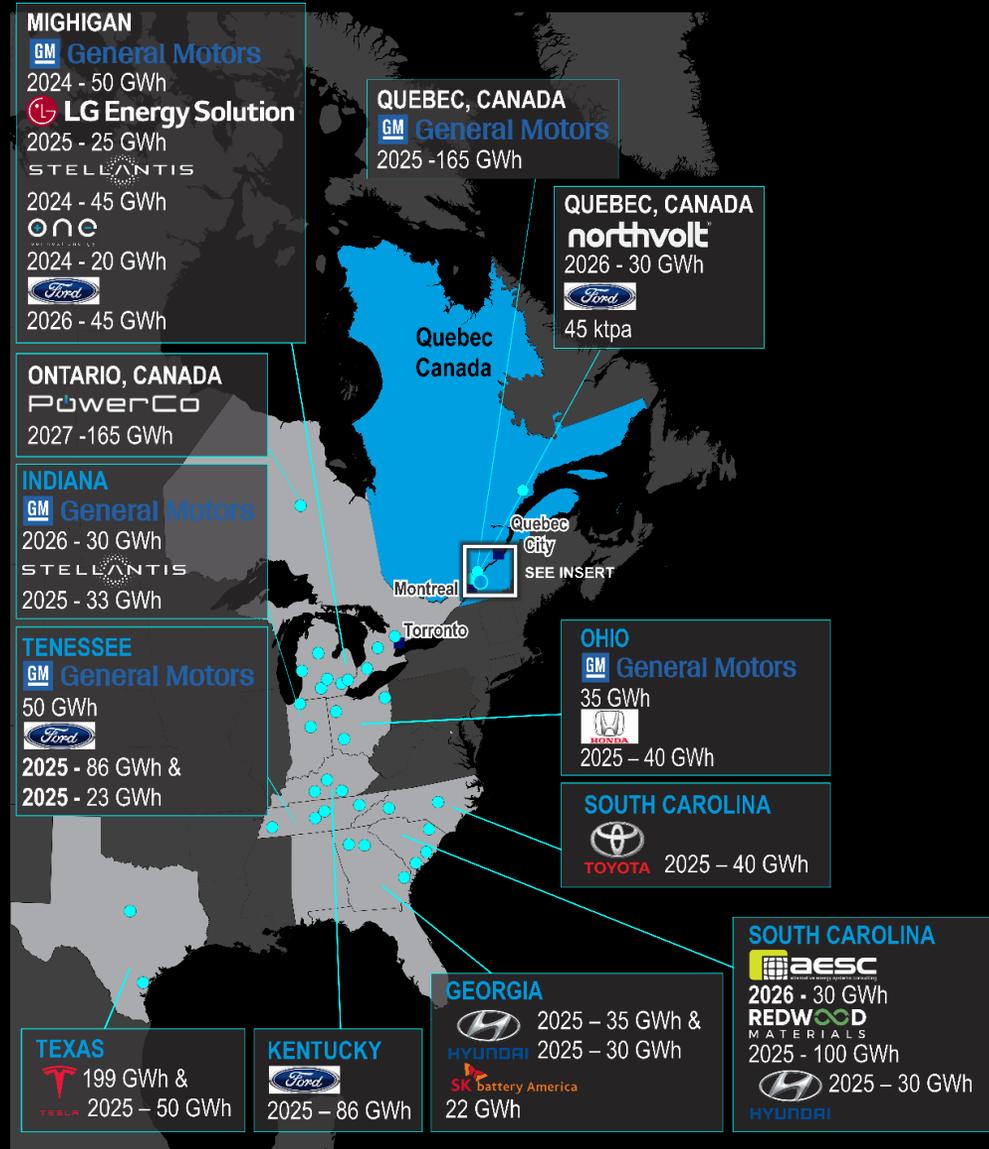
- Ordered Sinomine to divest from Power Metals Corp
- Relinquish spodumene off-take contract
- Citing “multi-step security review”
- Established automotive industry → EVs
- Canada appears to be forcing a downstream lithium solution

Canada orders China to divest from country's mining companies

Move comes after 'multi-step' review by Canada's national security and intelligence agencies



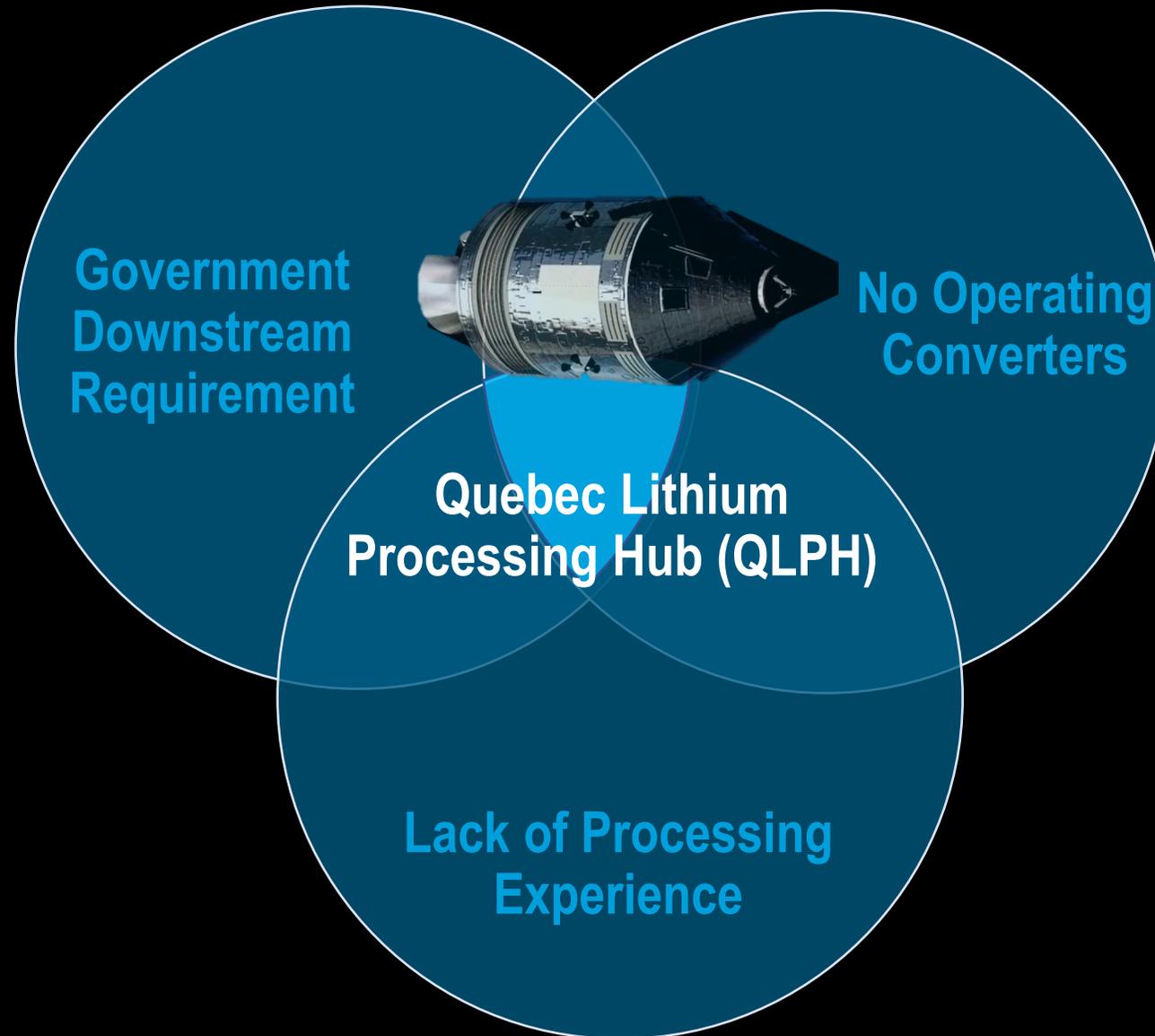
# Lithium Conversion Gap



- Approx 900GW battery/cathode factories in Nth America
- Equivalent to 800kt LCE by 2028
- Currently no operational refineries in North America
- Planned conversion capacity of ~100Kt LCE by 2028

*“I’d like to once again urge entrepreneurs to enter the lithium-refining business. The mining is relatively easy, the refining is much harder. You can’t lose — it’s a license to print money.” Elon Musk*





# Quebec Lithium Processing Hub (QLPH) Concept

## Mine to Battery Grade Lithium Carbonate Strategy

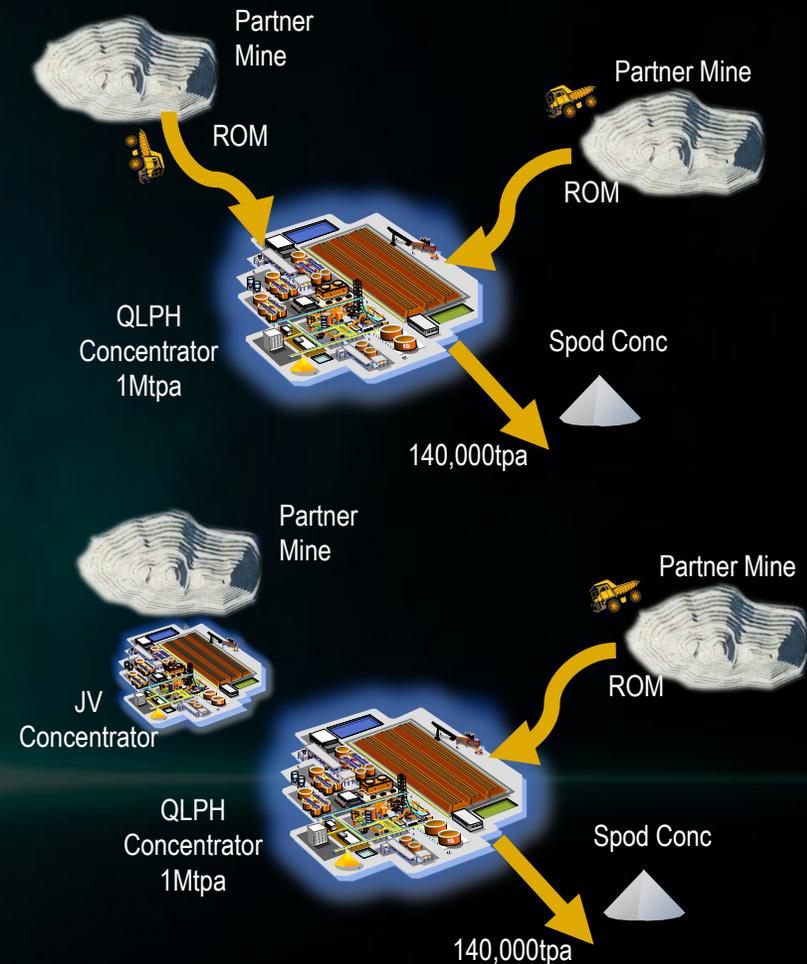


## QLPH Concentrator

- Based on proven Mt Cattlin design
- 5 Year ROM off-take JV deal – local juniors
- Brings early cash flow for juniors to develop mines

## Concentrator JV

- After 5 years JV builds a concentrator on their project
- Replicate QLPH concentrator
- Helps juniors become a concentrate producer



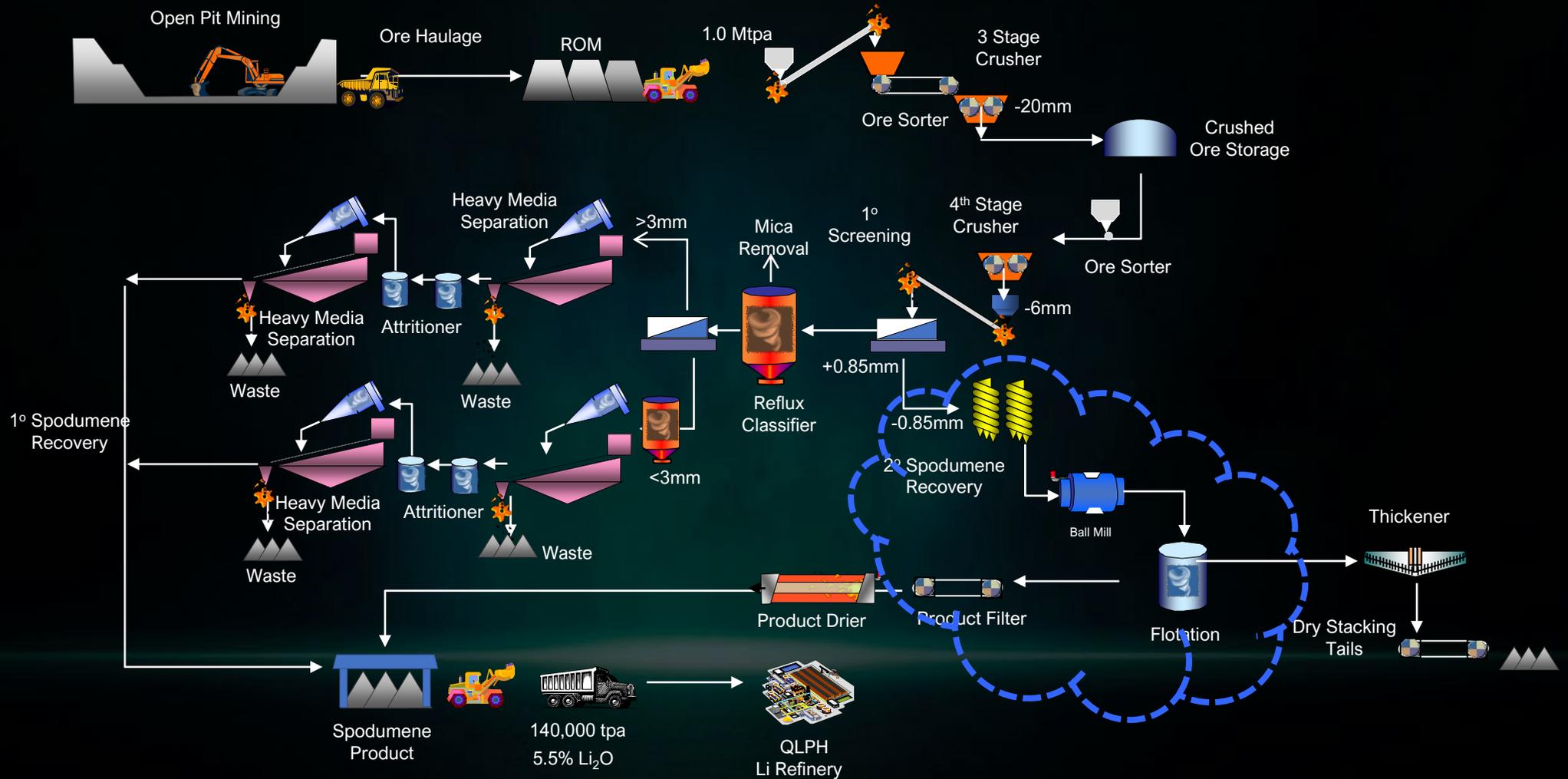
## QLPH Concentrator Engineering Study

- Lithium experience – Bald Hill, Covalent, Core, James Bay
- Today's price for Mt Cattlin style concentrator in Canada
- DFS level of study



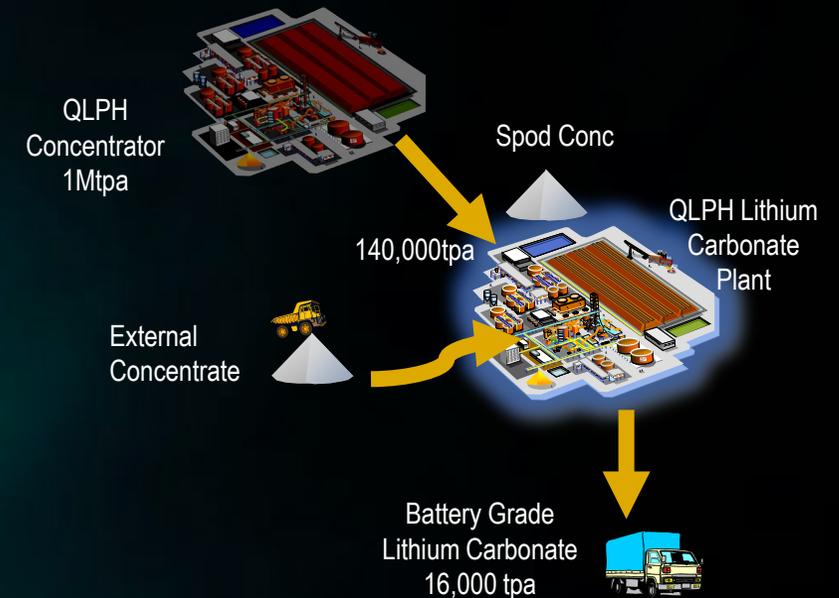
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## Battery Grade Lithium Refinery

- 16,000 tpa battery grade lithium carbonate plant
- Not a toll Company – Purchaser of Concentrate
- Based on proven Jiangsu design
- Battery grade LC sold to Canada, USA, Europe
- Meets Canadian Government critical minerals strategy
- Provides downstream solution for Canadian Li miners



## QLPH Lithium Carbonate Engineering Study

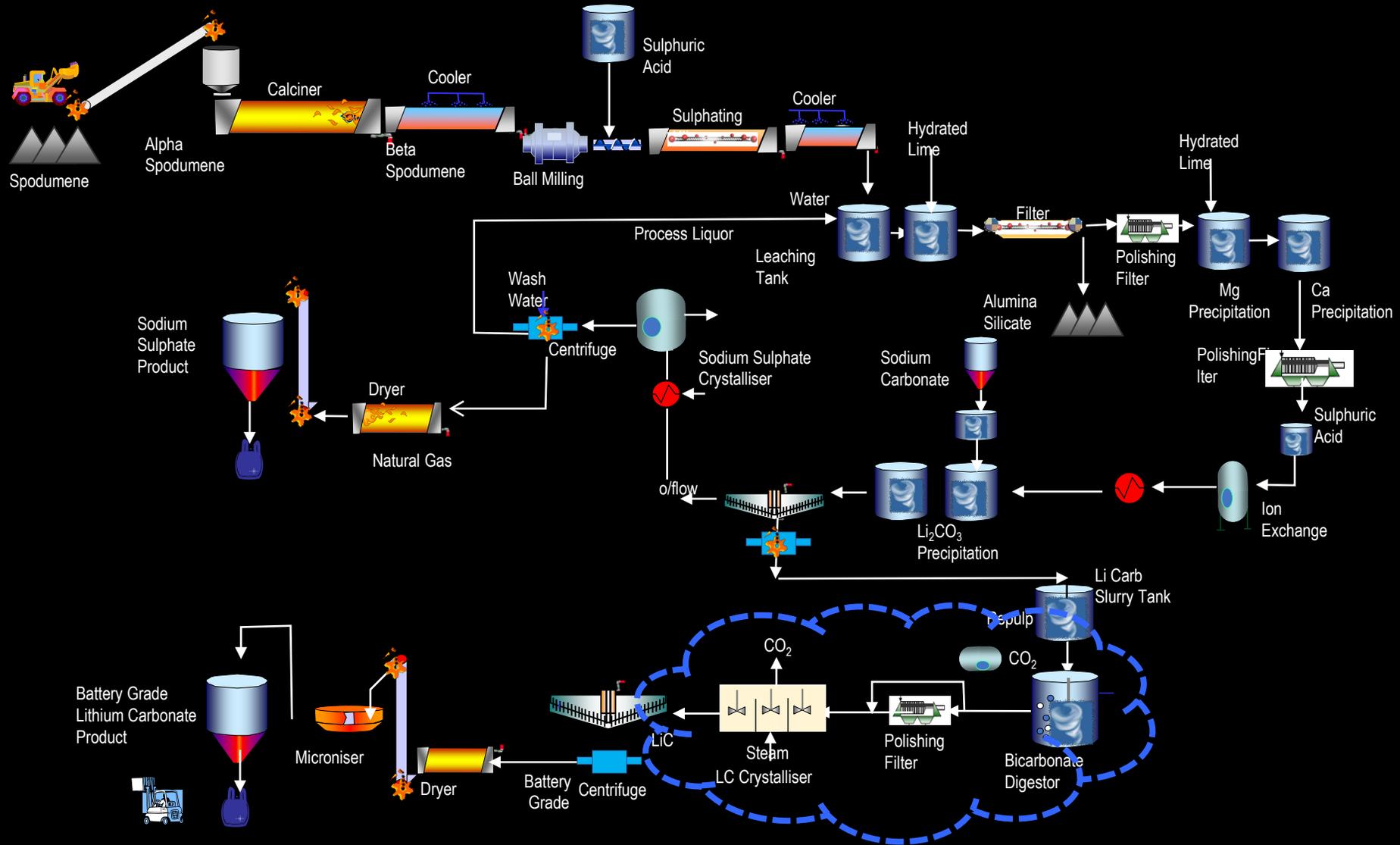
- Canadian Co, Aust based, Canadian Offices
- Built Jiangsu Li Carbonate Plant
- Jiangsu style refinery in Canada – current price
- DFS level of study

3



**HATCH**

**HATCH**



## Why Li Carbonate not Li Hydroxide?

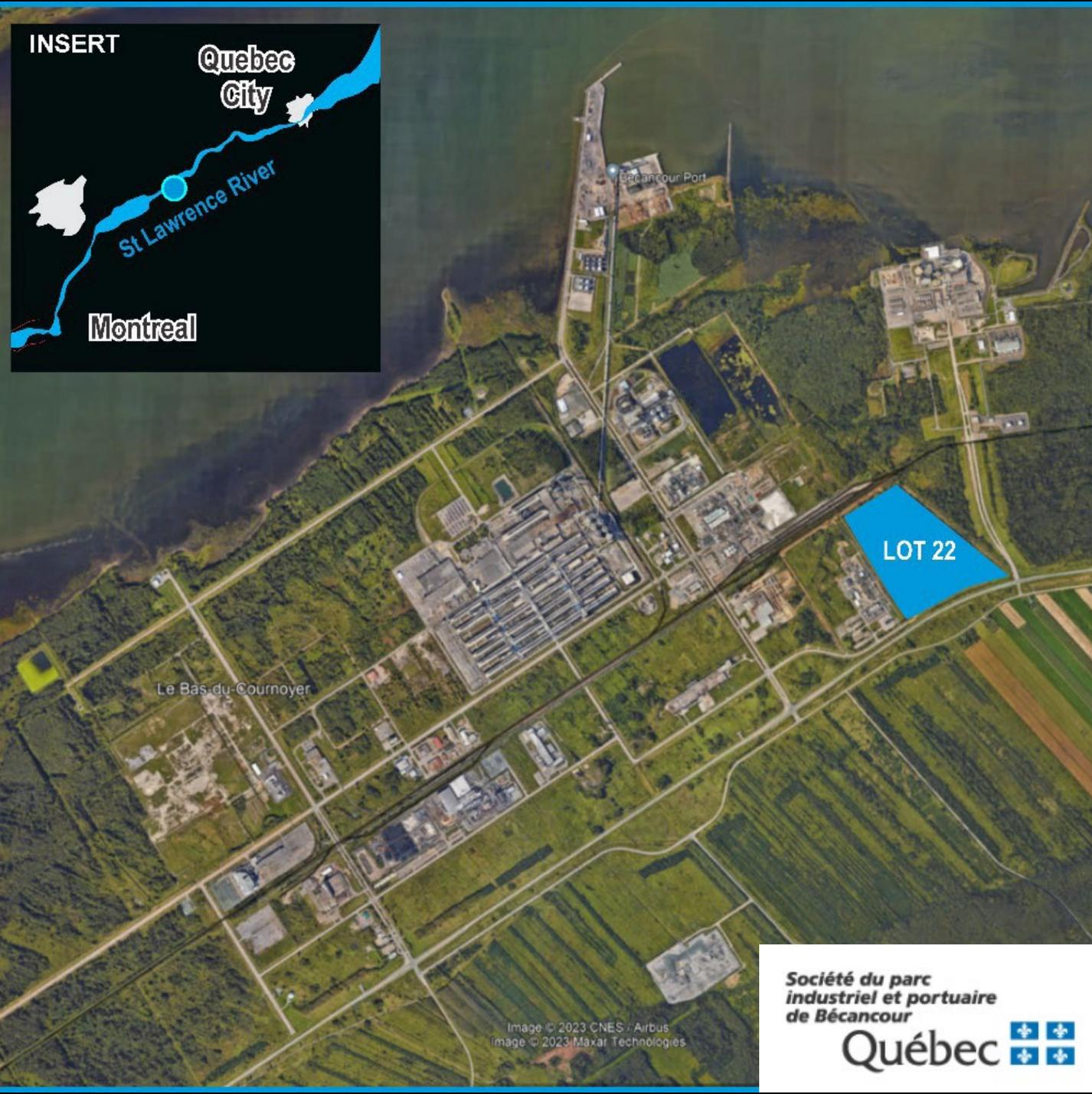
- Proven track record in Li Carbonate
- 47% Li Carbonate used around the world
- Li Carbonate feed for LFP lithium batteries
- LFP battery demand growth due to safety and costs
- Tesla, Ford, GM & Volkswagen moving to LFP batteries





**BECANCOUR  
LITHIUM  
REFINERY**

ASX: LU7



# Prime Industrial Property Secured

- Bécancour Waterfront Industrial Park
- Strategic location, hydroelectricity, gas, road, rail, and spodumene import facilities
- Host to General Motors/POSCO Cathode factory and Ford/EcoPro BM Cathode factory
- Precinct is 140km from Northvolt's EV battery facility at Saint-Basile-le-Grand

Société du parc  
industriel et portuaire  
de Bécancour  
Québec



Image © 2023 CNES / Airbus  
Image © 2023 Maxar Technologies



## Lithium Carbonate Refinery Test Program Underway

- Metallurgical testing - International sources of spodumene
- Lithium Refinery to have robust capability
- Shipment to Becancour – while Canadian Li industry develops
- First program achieves 99.7%  $\text{LiCO}_3$  above the battery grade spec of 99.5%  $\text{LiCO}_3$

## Lithium Dream Team

Proven Lithium Track Record

## World Leading Lithium District

Quebec becoming emerging world leader in lithium production and battery manufacture

## Quebec Lithium Processing Hub

Vertically integrated mine to battery grade lithium strategy

**Join us on our Mission to  
the Universe**

*Building a Lithium Future*





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