



METAL**TECH**

Resourcing a cleaner greener future

ASX:MTC

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METALSTECH

ASX:MTC

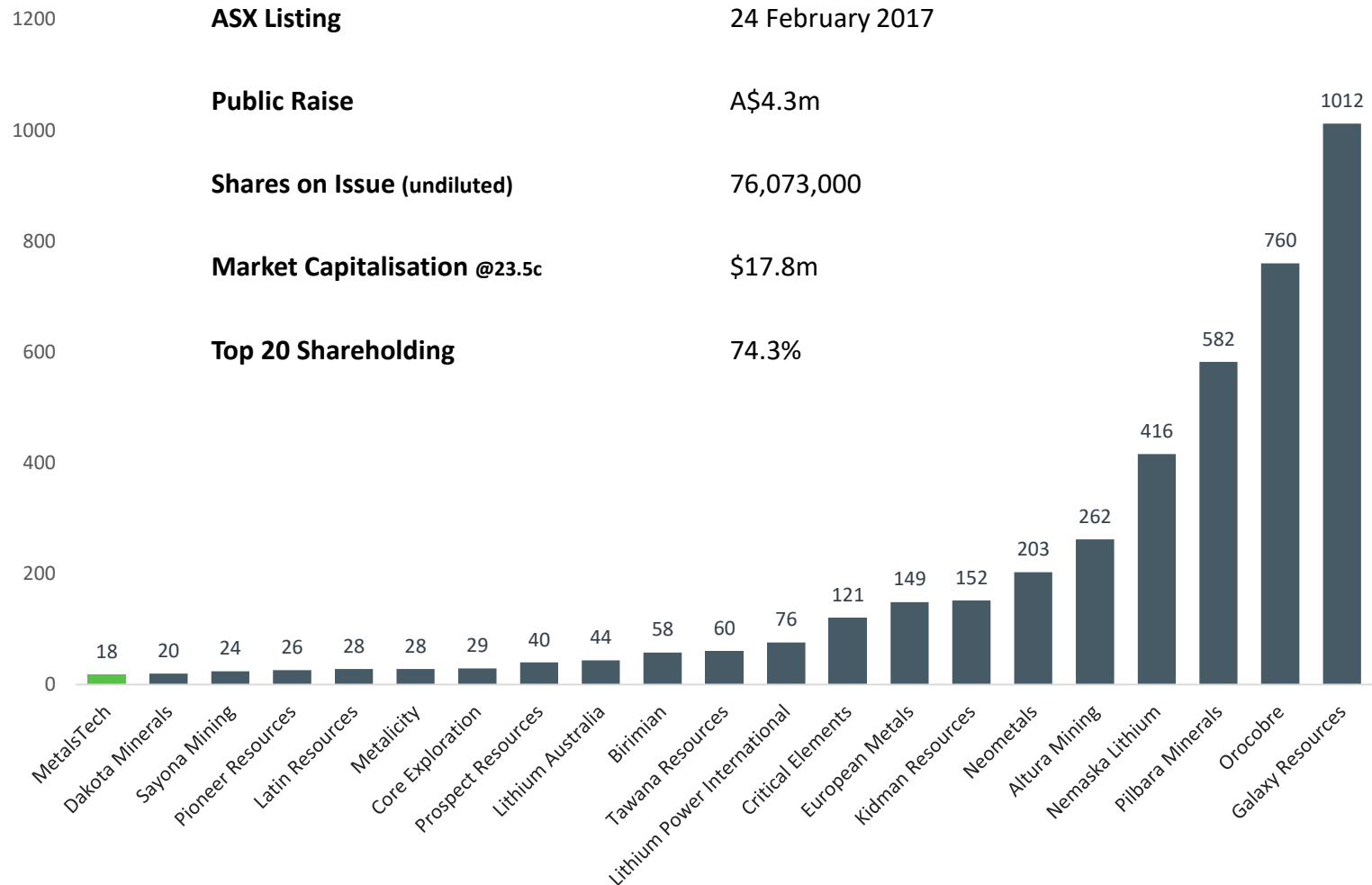
Highlights

- Pure play lithium exploration company with attractive **high grade hard rock lithium assets** in Quebec, Canada
- Targeting near-surface spodumene hosted lithium in tenements within **close proximity to world class lithium deposits** including Nemaska Lithium's (TSX.NMX) Whabouchi Deposit
- **Excellent infrastructure** and access to some of **the lowest cost and cleanest power globally** in Quebec hydro-power
- **Strategic technology licence agreement with Lithium Australia** for Sileach™ and LieNA™ that will allow MTC to target lithium chemical production at of the low end of the cost curve
- **Highly qualified management and technical team** with a track record in building world class projects



Capital Structure

Market Capitalisation of Lithium Explorers & Developers (A\$ million)



ASX Listing

24 February 2017

Public Raise

A\$4.3m

Shares on Issue (undiluted)

76,073,000

Market Capitalisation @23.5c

\$17.8m

Top 20 Shareholding

74.3%

Proven Team

Operations

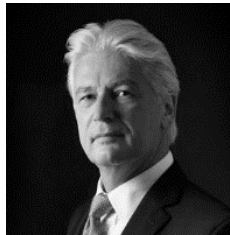


Russell Moran



Gino D'Anna

Legal



Michael Velletta

Permitting



Shane Uren

Technical



Adrian Griffin

Chairman (Executive)

Proven resources investor and operator with a track record of development success in Canada.

Founder and former Executive Director of North American anthracite mine developer Atrium Coal (ASX:ATU).

Director (Executive)

Extensive experience in resource exploration, public company operations, administration and financial management.

Particular experience in Canadian Government and First Nations relations in the mining sector.

Former Executive Director of Atrium Coal.

Director (Non Executive)

More than 20 years' experience in corporate law and corporate governance.

A member of the Association of International Petroleum Negotiators, the Law Society of British Columbia and past governor of the Trial Lawyers Association of British Columbia.

Director (Non Executive)

Environmental Assessment (EA) experience includes; BHPs Ekati Diamond Mine, Cambior's Rosebel Mine, Inco Ltd.'s Goro Project, Novagold's Galore Creek Project, Thompson Creek Metal's Davidson Project, Atrium Coal's Groundhog Project and Copper Fox Metal's Schaft Creek Mine.

Technical Advisor Lithium Australia NL

Geologist with specific experience in developing and implementing lithium extraction technologies for hard rock spodumene projects.

Currently Managing Director of Lithium Australia (ASX:LIT).

Partnership with Lithium Australia

Highlights

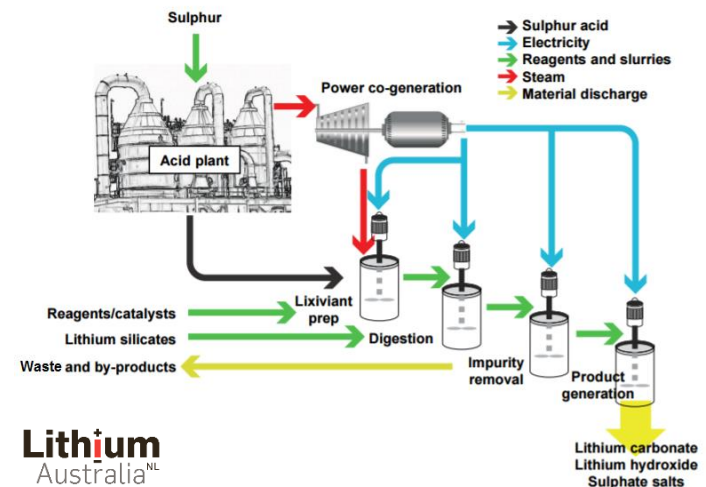
- Right to use and apply LITs proprietary lithium extraction technologies including Sileach™ and LieNA™ for the processing of its spodumene concentrate
- Exclusivity over LITs lithium extraction technologies within Quebec, Canada
- Managing Director of LIT, Mr Adrian Griffin to provide technical support to MetalsTech

The Strategic Technology Partnership with Lithium Australia will allow MTC to:

- Produce lithium carbonate and hydroxide at the lowest end of the cost curve
- Strategically eliminate reliance on third party processing and optimise product quality



Sileach™ continuous pilot plant operation, ANSTO Minerals, Lucas Heights, NSW



Sileach™ lithium extraction process illustration

Why Hard Rock?

AIMING TO BE
COMPETITIVE WITH
GLOBAL LITHIUM
CHEMICAL
PRODUCTION WHEN
COMBINED WITH NEW
PROCESSING
TECHNOLOGY

Competitiveness with Global Low-Cost Production

- With the right processing technology, hard rock projects in Quebec can compete with brine and other low cost production methods without the high CAPEX profile
- With the right processing technology hard rock spodumene projects can produce a higher grade lithium chemical, with higher recovery rates
- The strategic partnership with LIT allows MTC to process lithium at the lowest end of the cost curve – which will directly compete with other low-cost producers of lithium chemicals
- Nemaska Lithium has proven that hard rock mining can successfully compete against existing low-cost producers

Case Example

- Contiguous with the MetalsTech projects
- 43.8Mt @ 1.46% Li_2O NI 43-101 Measured, Indicated and Inferred Resource
- Fully permitted and funded through Phase 1 Plant commissioning with Quebec Government investing \$10 million
- DFS production costs:
 - US\$2,154/t for lithium hydroxide
 - US\$2,753/t for lithium carbonate

NEMASKA
LITHIUM



Nemaska Lithium Whabouchi Spodumene Mine & Processing Plant

STRATEGY

Why Quebec?

Advanced and developed mining industry

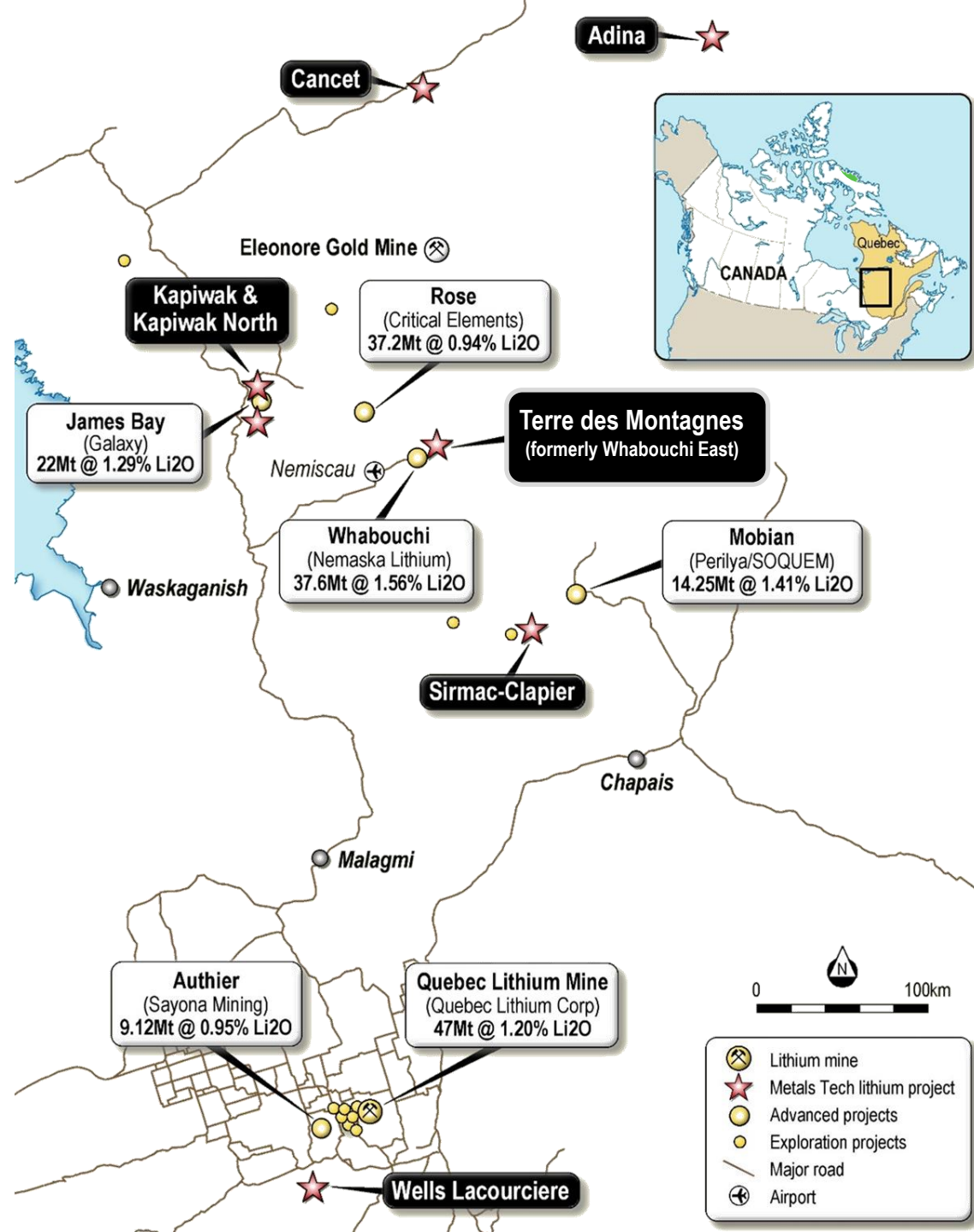
Supportive government – tax incentives and express permitting

Host to large high-grade lithium deposits

Easy access to Hydro power – one of the cheapest and cleanest power sources worldwide

Fraser Institute – consistently top 10 mining jurisdiction in the world

Major offtake opportunities within North America



+ HIGH PRIORITY

CANCET

100% Ownership

Excellent road access, power and water infrastructure

Recent lithium assays include
1.71%, 1.85%, 1.94% and 3.79%
Li₂O

Drilling to commence around 15
March 2017



+ HIGH PRIORITY

ADINA

100% Ownership

60km from road and power
infrastructure

Recent Li₂O assays include:

1.58%	1.67%	1.19%	0.50%
2.43%	1.79%	3.12%	0.35%
0.24%	0.44%	2.08%	

Drilling to commence - early April
2017



+ HIGH PRIORITY

TERRE DES MONTAGNES

(FORMERLY WHABOUCHI EAST)

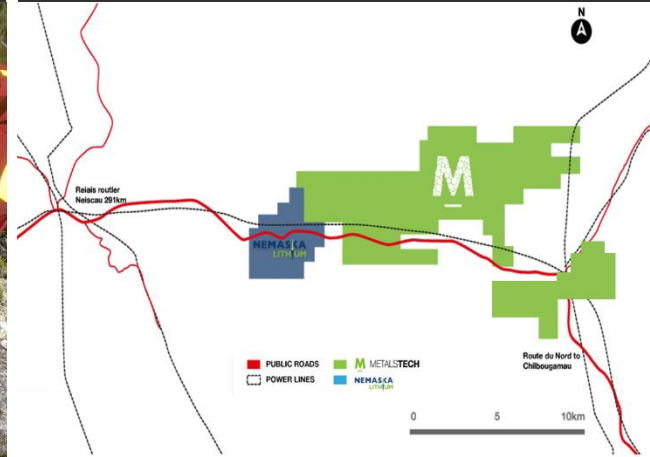
100% Ownership

Excellent road access, power and water infrastructure

Dominant landholding in the
exciting Whabouchi area

Contiguous with Nemaska Lithium
(TSX.NMX) Whabouchi Mine

Drilling to commence Q2 2017



+ HIGH PRIORITY

WELLS LACOUCIERE

100% Ownership

Excellent road access, power and water infrastructure

200m² bulk sample site containing assays of 2.87% to 4.0% Li₂O

Recent sampling identified outcropping pegmatite with spodumene assaying up to 7% Li₂O

Drilling to commence Q2 2017



+ M&A OPPORTUNITIES

KAPIWAK

100% Ownership

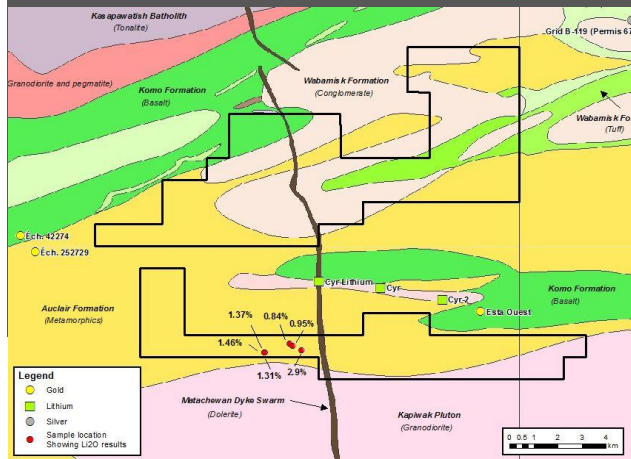
Excellent access to infrastructure

Recent Li₂O assays include:

0.84% 0.95% 2.90% 1.46%
1.37% 1.31%

Contiguous with the James Bay Lithium Deposit owned by Galaxy Resources (22.2Mt @ 1.28% Li₂O)

Channel sampling - Q2 2017



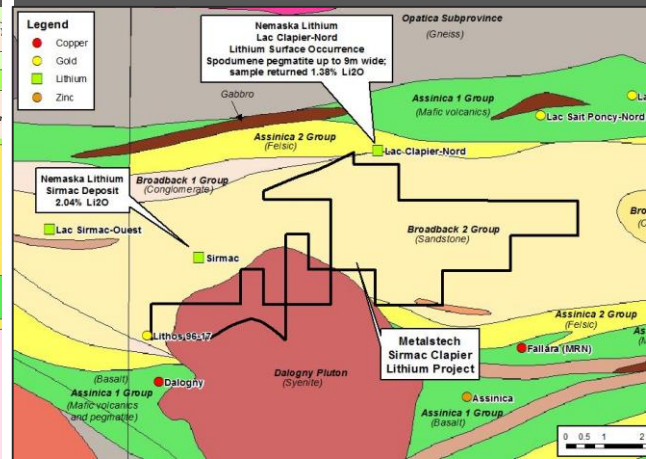
+ M&A OPPORTUNITIES

SIRMAC- CLAPIER

100% Ownership

Located along strike of the NNE trend between the Sirmac Deposit grading at 2.04% Li₂O and the Lac Clapier-Nord surface occurrence grading 1.38% Li₂O

Channel sampling - Q2 2017





Lithium

Growing lithium battery demand

Lithium is a key component of the accelerating growth in battery technology which includes:

- mobile phones
- laptops & tablets
- electric & hybrid cars (EV)
- commercial grid storage
- home energy storage



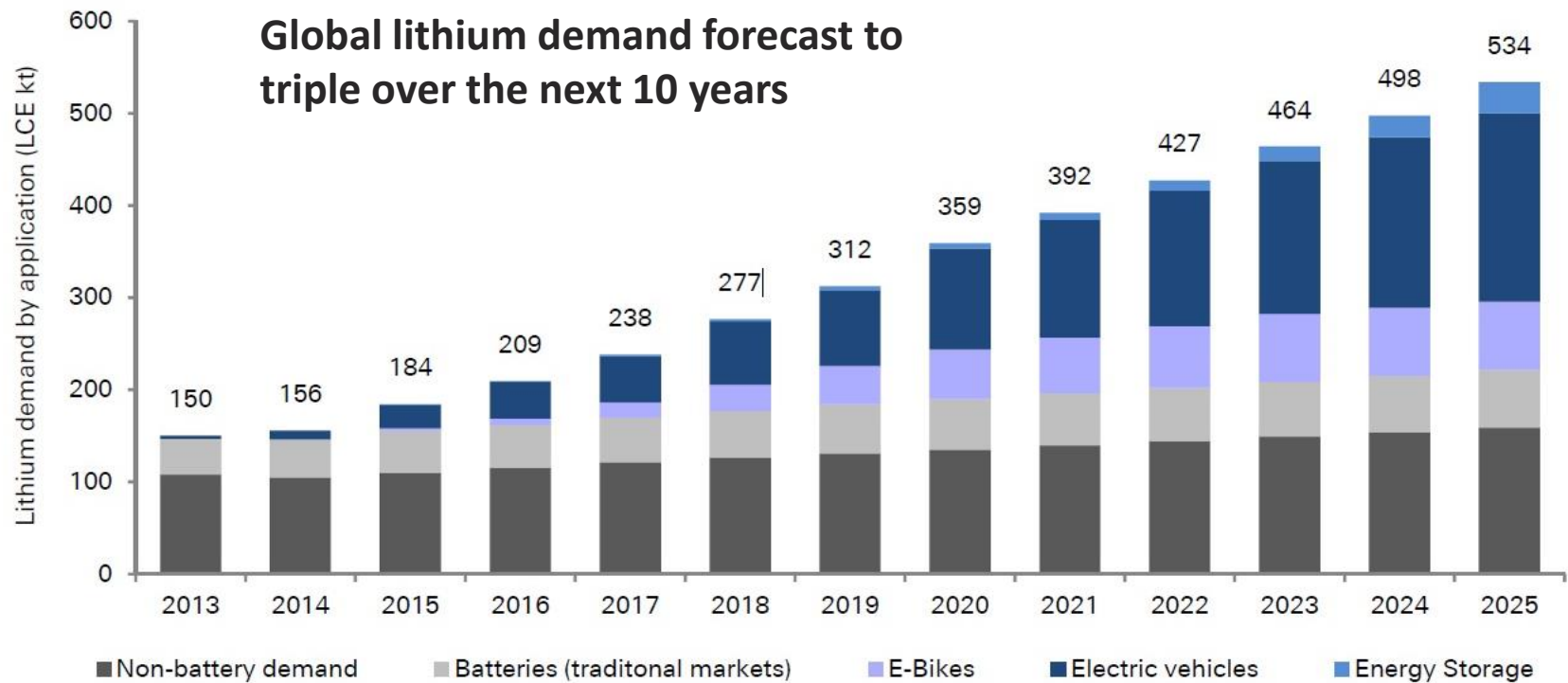
The emergence of these markets is being driven by a global desire to reduce carbon emissions and break away from traditional infrastructure networks.

This shift in energy use is supported by the improving economics of lithium-ion batteries.

Global battery consumption is set to increase significantly over the next decade, placing pressure on the battery supply chain & lithium market.

Strong Demand

Lithium demand by end applications (2013-25)





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