



RESOURCES RISING STARS – SUMMER SERIES 2023

Investor presentation

November 2023



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Compliance Statement The previous exploration results for the Company's Projects referred to in this announcement were first reported in accordance with ASX Listing Rule 5.7 in the Company's prospectus dated 3 August 2023, which was announced on the ASX market announcements platform on 26 September 2023 and ASX announcements dated 10 October 2023, 16 October 2023, 24 October 2023, 26 October 2023 and 6 November 2023, and are available to view on www.pioneerlithium.com.au and www.asx.com.au. Pioneer Lithium is not aware of any new information or data that materially affects the information included in the prospectus. The presence of pegmatite rock does not necessarily indicate the presence of lithium, caesium, tantalum (LCT) mineralisation. Laboratory chemical assays are required to determine the grade of mineralisation.

JORC Code It is a requirement of the ASX Listing Rules that the reporting of exploration results, ore reserves and mineral resources in Australia comply with the Joint Ore Reserves Committee's Australasian Code for Reporting of Mineral Resources and Ore Reserves ("JORC Code"). Investors outside Australia should note that while reporting in this document complies with the JORC Code, they may not comply with the relevant guidelines in other countries. Information contained in this document describing mineral deposits may not be comparable to similar information made public by companies subject to the reporting and disclosure requirements of Canadian or US securities laws.

Acceptance By attending a presentation or briefing, or accepting, accessing or reviewing this document you acknowledge, accept and agree to the matters set out above.

Authorisation This document has been authorised for release by the Company's Managing Director.

BOARD AND MANAGEMENT— With global business and commodity experience



Robert Martin
Executive Chairperson

Successful businessman and accomplished company director with +25 years' experience across mining, mining services, manufacturing and capital markets.

- Profound insight into corporate strategy, capital operation, management integration and business structures and efficiencies
- Owned and operated a large, highly successful mining services business with offices in multiple jurisdictions globally
- Current Non-Executive Chair of Equinox Resources (ASX: EQN), Critical Resources (ASX: CRR) and Battery Age Minerals (ASX: BM8)
- Non-Executive Director of Parkd (ASX: PKD) and Director of Volt Carbon Technologies (TSX-V: VCT)



Nigel Broomham
Non-Executive Director

Geologist with +12 years' industry experience, including +10 years in the battery metals sector in lithium and manganese

- Current GM Exploration for Canadian lithium explorer Battery Age Minerals (ASX: BM8)
- Previously held leadership roles with ASX-50 lithium producer Pilbara Minerals (ASX: PLS) in exploration, resource development and mining production and was extensively involved in the exploration and development of the world-class Pilgangoora Lithium-Tantalum Project in WA
- Also worked at Mineral Resources, Consolidated Minerals Manganese, Hancock Prospecting (Roy Hill) and Golder Associates



Harry Spindler
Company Secretary

Experienced corporate professional with a broad range of corporate governance and capital markets experience.

- Has held various Company Secretary positions
- Involved with several public company listings, M&A transactions and capital raisings for ASX-listed companies across a diverse range of industries over the past 22 years



Clinton Booth
Managing Director

+20 years' experience in mining and energy, including lithium exploration, development and operations across hard rock and brine deposits. Previously held senior positions at Fortescue Future Industries (FFI), Galaxy Resources (now Alkem) and Sundance Resources.

- Key roles at FFI covering early-stage development activities including global land and tenement acquisition, global permitting and approvals, and heading project development activities in North America
- Most recently served as Global Head of Integration at FFI where he had responsibility for the transition and integration of M&A and JV transactions
- Played a key role at Galaxy Resources in identifying and delivering significantly improved financial returns for the feasibility study of the James Bay hard rock lithium project in Canada, advancing the Sal de Vida brine project in Argentina from feasibility into construction, and significantly reducing operating expenditure and improving production at the hard rock mine in Western Australia
- Extensive corporate, project development and operations experience spanning Australia, Africa, Asia, Europe, North America and South America



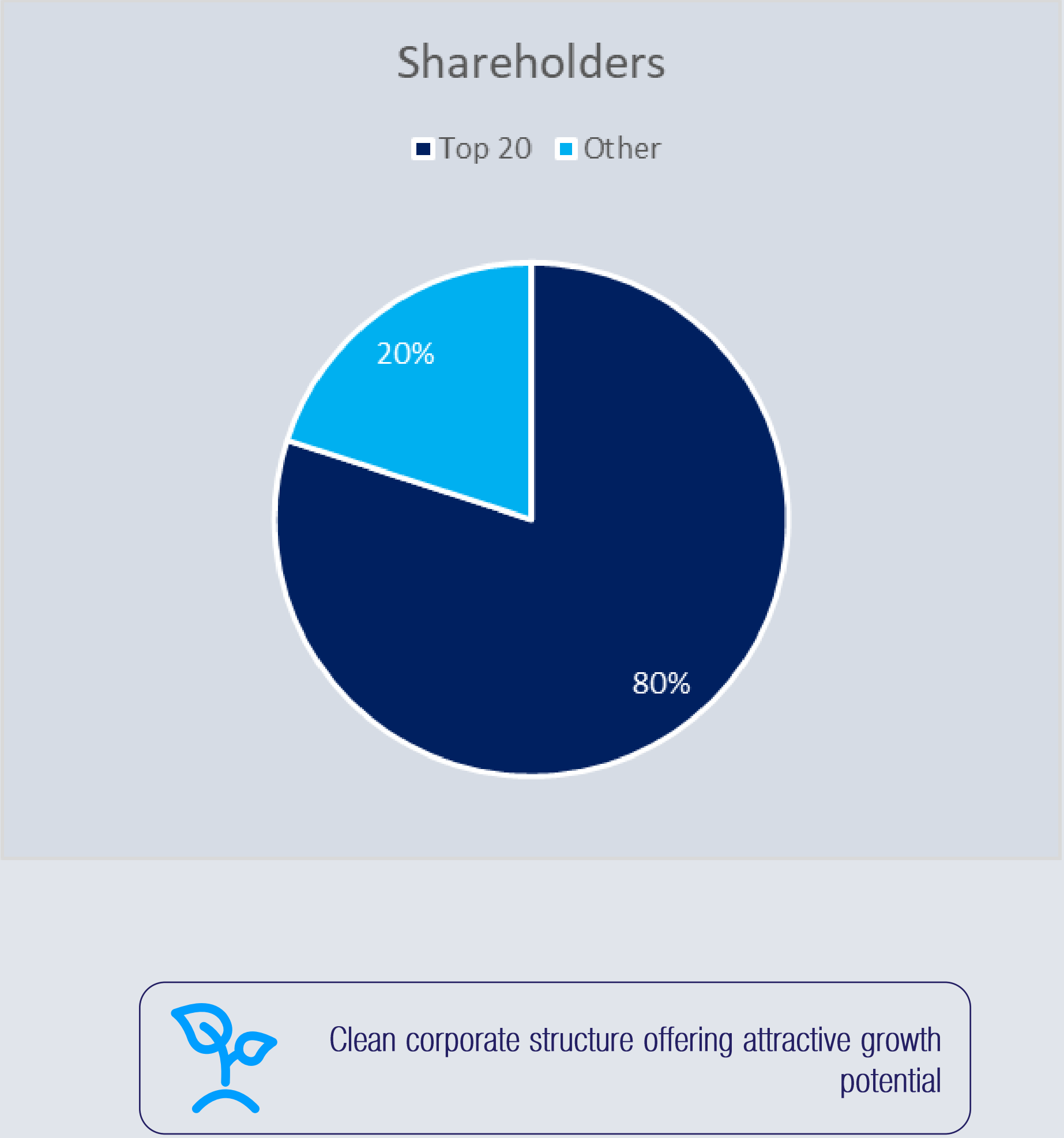
Agha Shahzad Pervez
Non-Executive Director

Experienced Chief Financial Officer, Company Secretary and Director, with +10 years' experience working with ASX-listed companies.

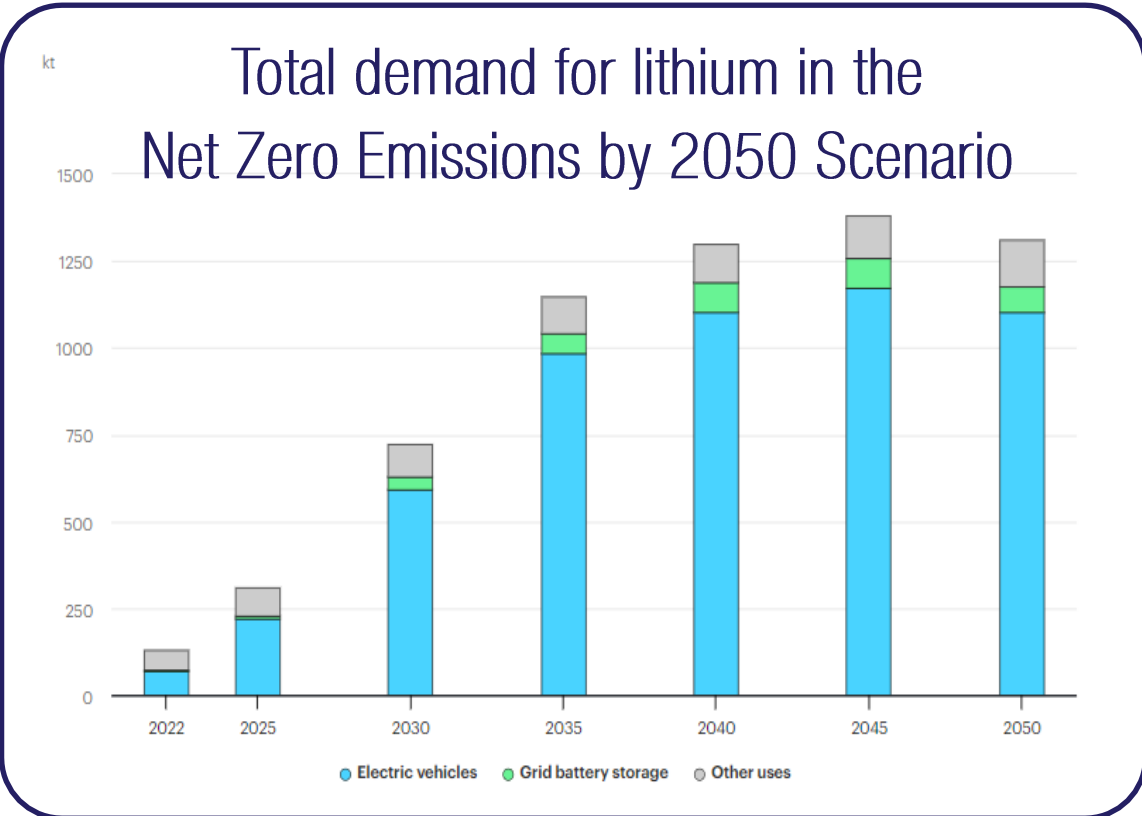
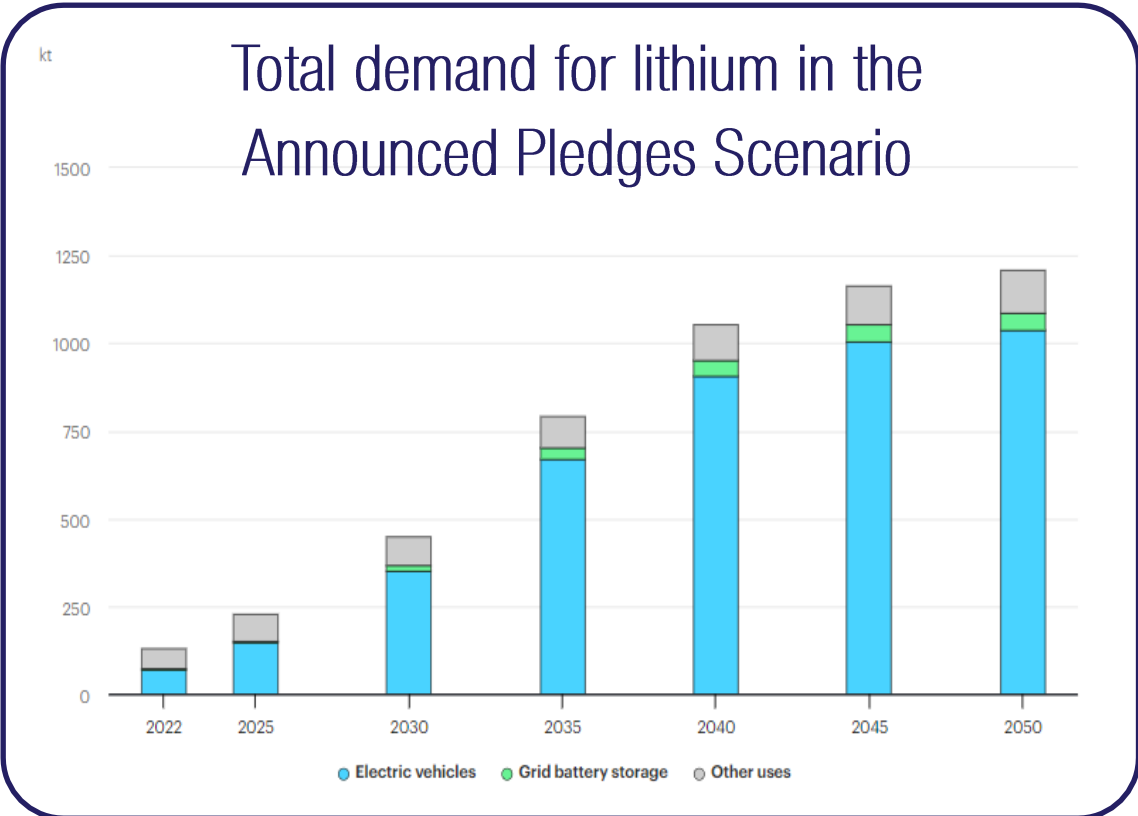
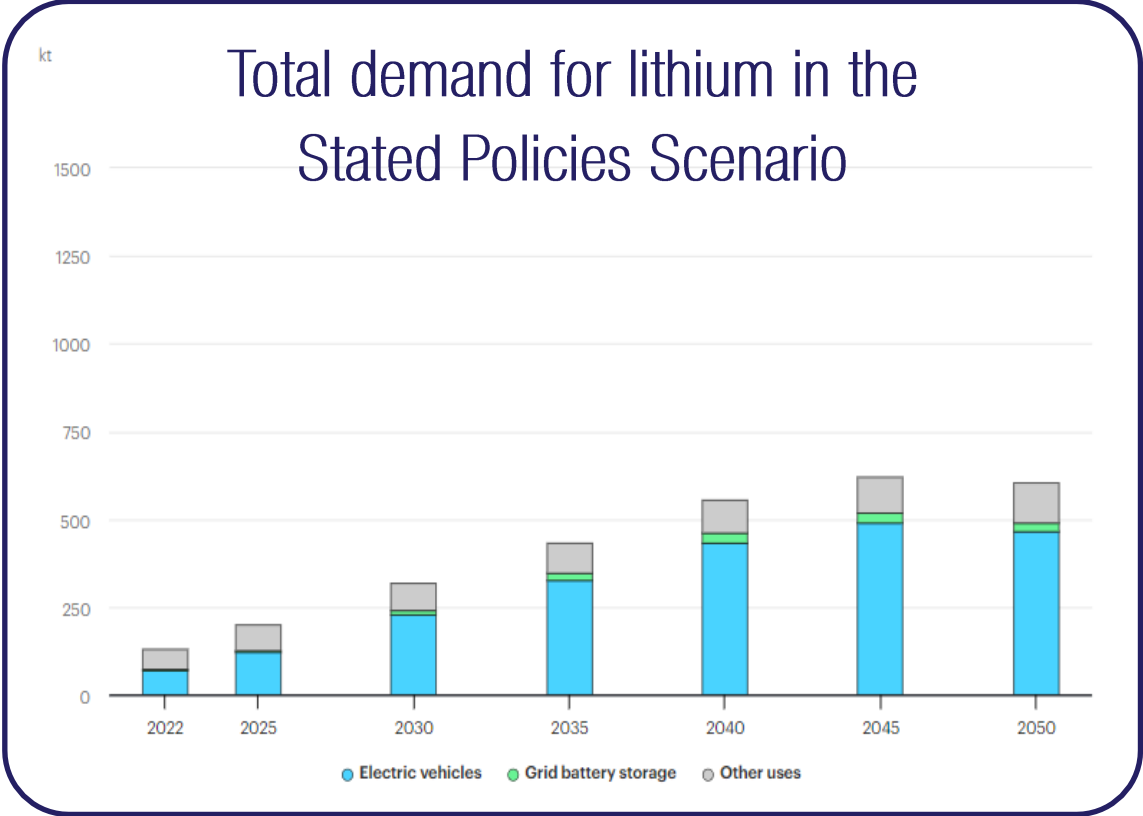
- Currently Executive Chairman of Viridis mining and Minerals Ltd (ASX: VMM) and Non-Executive Director of Equinox Resources Limited
- Previously held Chief Financial Officer roles at Equinox Resources Limited (ASX: EQN) and Battery Age Minerals Limited (ASX: BM8)
- Key achievements of Mr Pervez include the corporate restructuring of (ASX: RHT) in 2017 and contributing to the significant growth of Company's market capitalisation, listing of BM8 and substantial growth of VMM's market capitalisation.

CORPORATE STRUCTURE – A platform built for growth

Cash on Hand (end September quarter)	\$4.37M
Share Price (as at 07/11/23)	\$0.32
Shares on Issue	46,784,185
Market Capitalisation	\$15.0M
Top 5 Shareholders	
Bilal Ahmad	17.60%
Robert Martin	12.24%
Rockex Mining Corporation	6.81%
Kobala Investments	6.14%
DDPevcic (WA) Pty Ltd	5.98%
Total 48.77%	



SUPPLY / DEMAND TREND – Where is the lithium coming from?

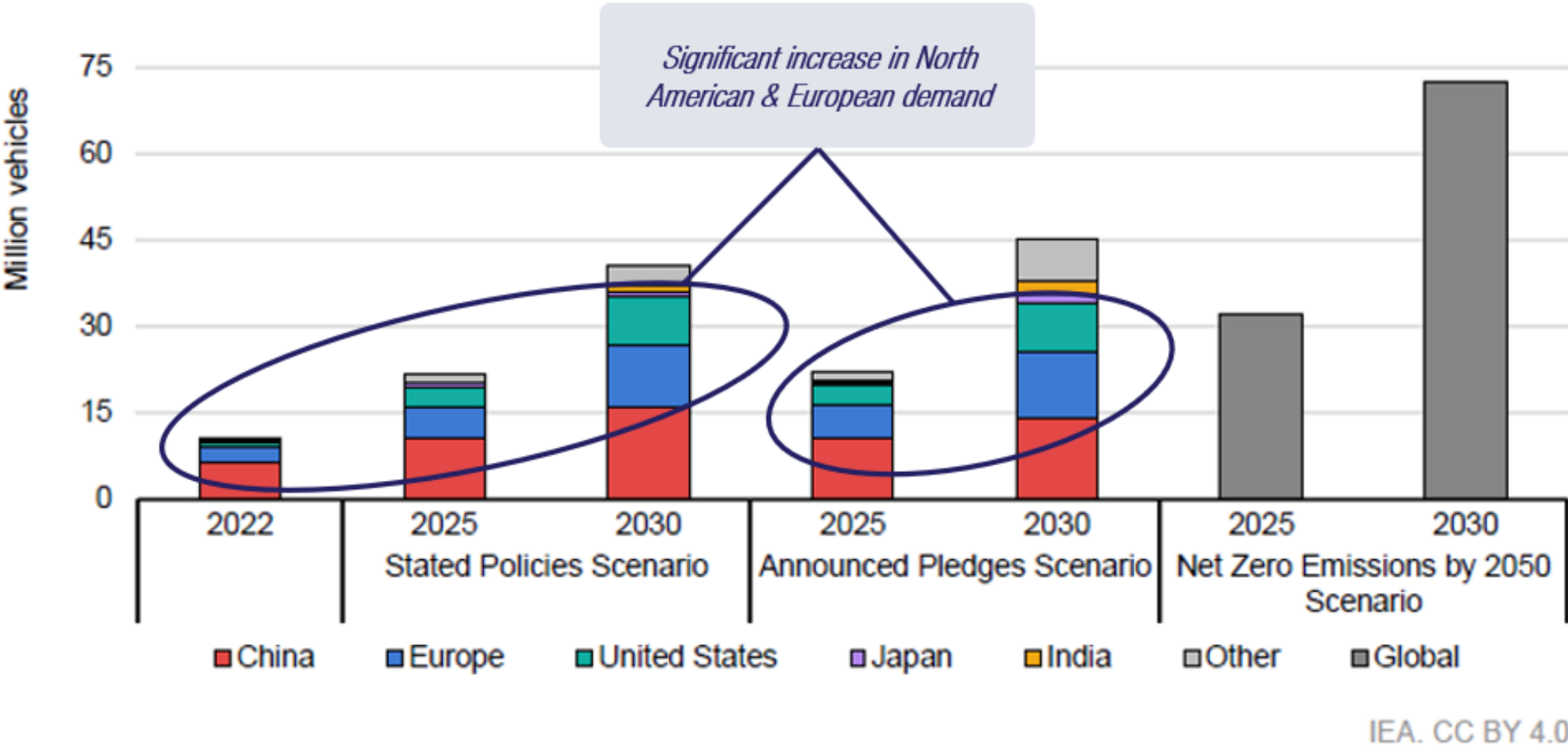


Source: Global EV Outlook 2023, International Energy Agency
1,000kt Li ~ 5,320kt LiCO₃

‘EV Fleet to grow by a factor of eight or more by 2030’

- International Energy Agency, Global EV Outlook 2023

Electric vehicle sales by region, 2022-2030



Source: Global EV Outlook 2023, International Energy Agency



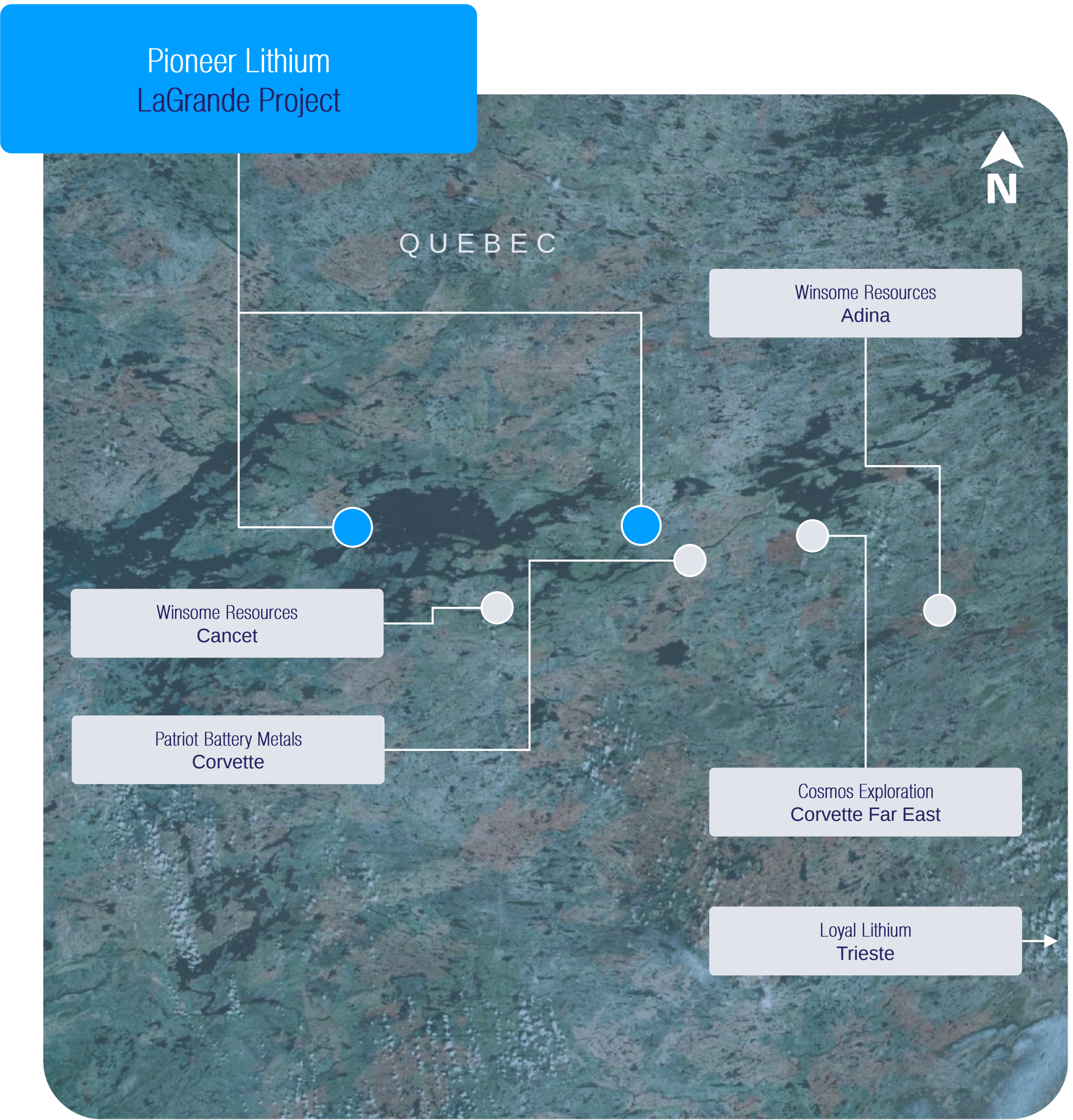
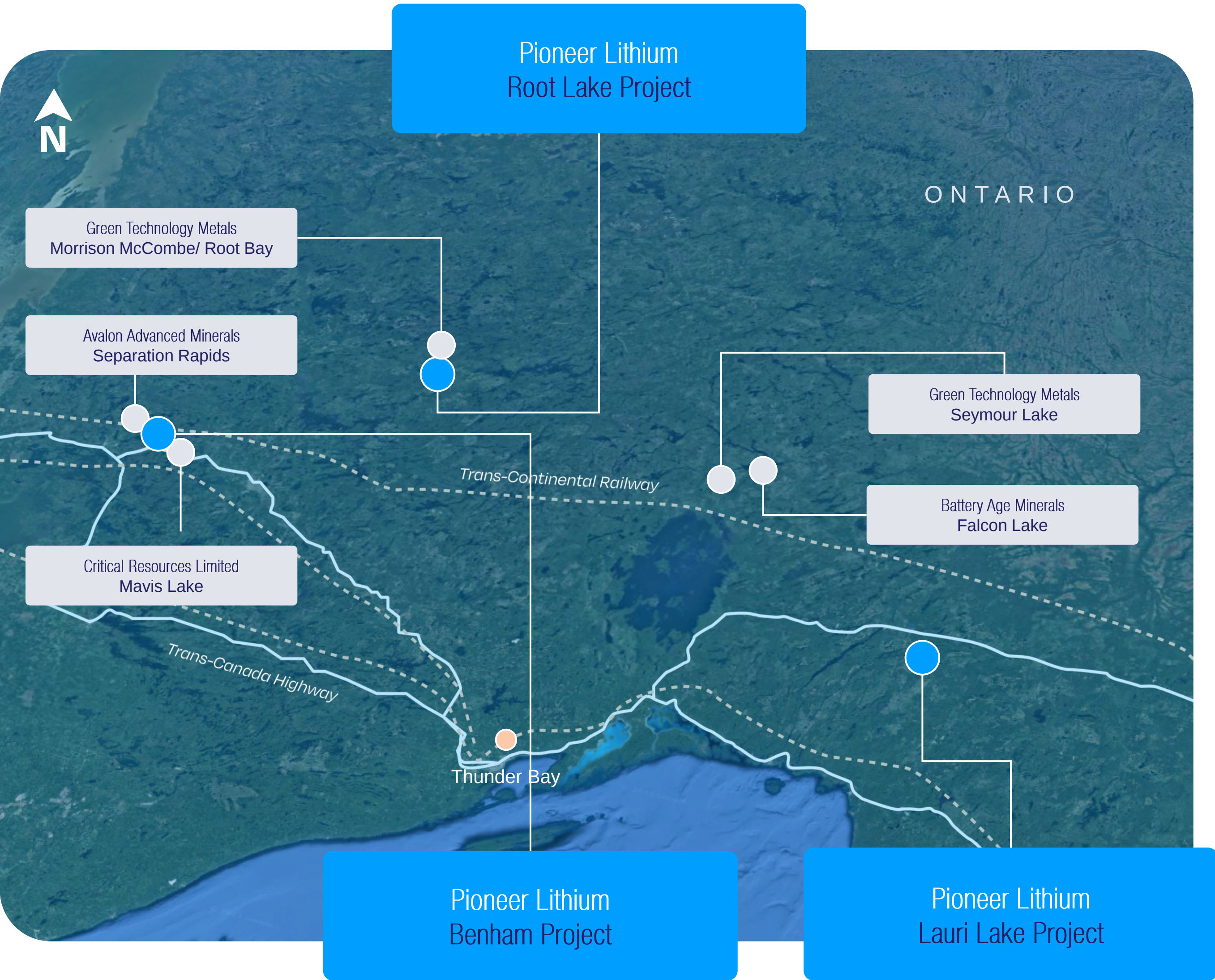
OUR VISION – Building a major lithium company

To be a leading battery metals mining and chemicals company, delivering returns to our shareholders through sustainable operations.

Translating this Vision

- By mid-next decade Pioneer Lithium aspires to be a major supplier to the lithium chemicals industry
 - Supplier of spodumene and lithium chemicals
 - Multiple assets in operation

HIGH-QUALITY PORTFOLIO IN CANADA'S LITHIUM HEARTLAND



NORTH AMERICA ENABLERS



Trans-continental Railway



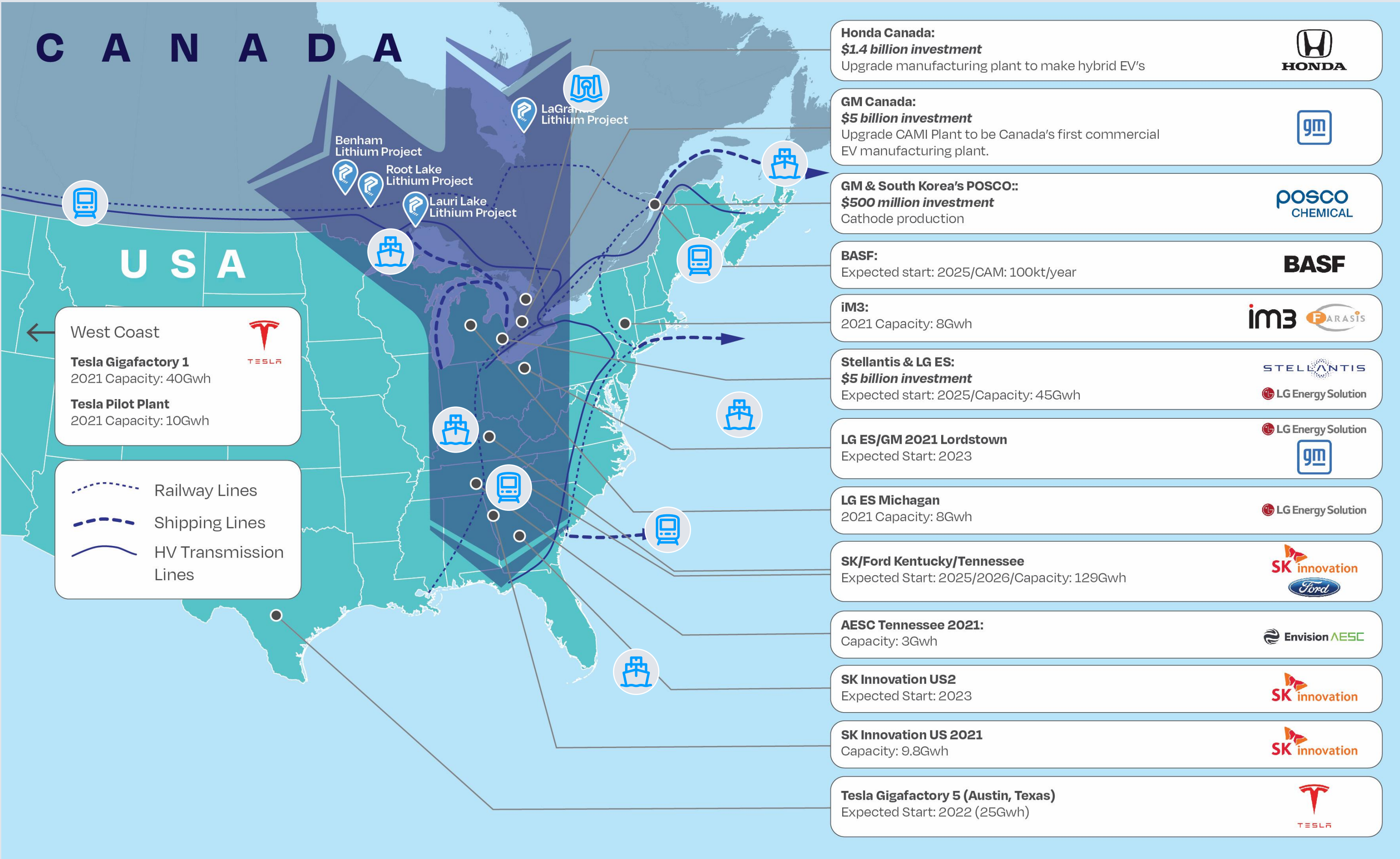
Trans-continental Highway



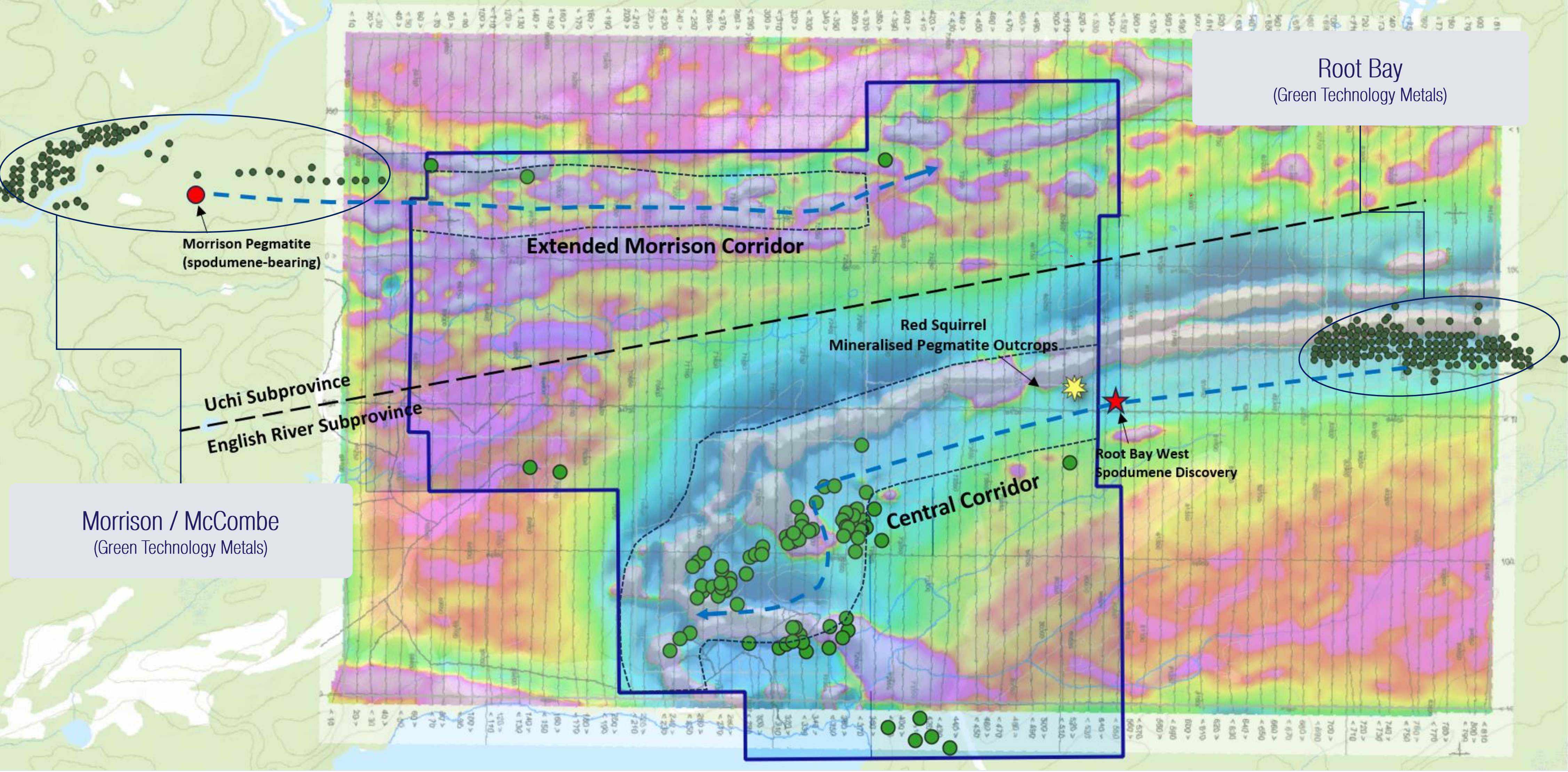
Ports



Power Transmission Lines



ROOT LAKE — Why we're excited

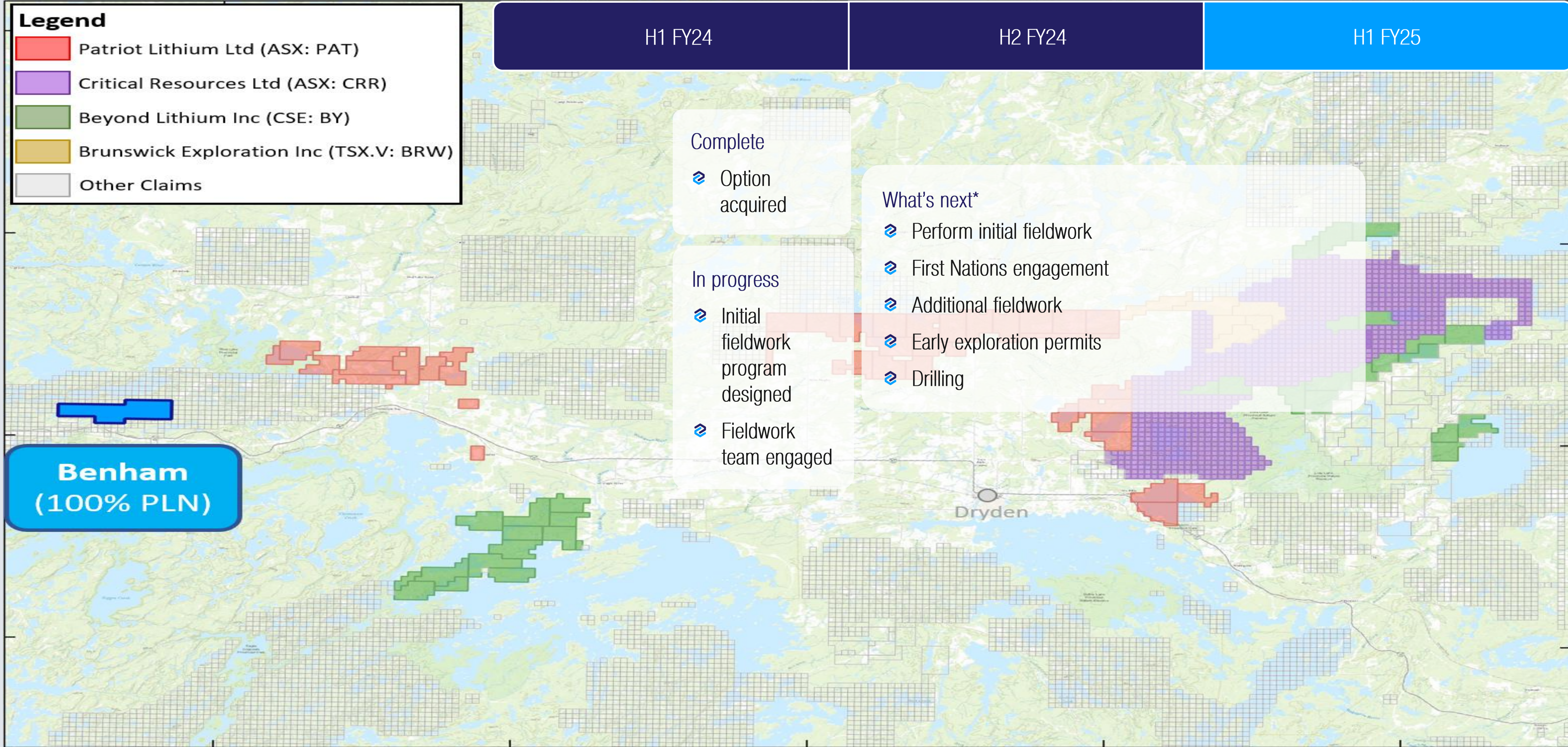


ROOT LAKE — Our Immediate Focus

H1 FY24	H2 FY24	H1 FY25
Complete - Geophysical survey - Exploration permits approved — Extended Morrison Zone and Central Zone - Additional drilling areas identified and exploration permits submitted - LiDAR flown and data processing near completion - Initial fieldwork complete - Drilling and Camp accommodation contracts awarded		
In progress - First Nations engagement continues - Mobilisation — Drilling and Camp accommodation - Environmental baseline studies		
	What's next* - Resource drilling - Define our Exploration Target - Maiden mineral resource - First Nations engagement continues - Environmental baseline studies continue - Pre-feasibility study commenced	

* These statements relate to future events, expectations and aspirations and as such involve known and unknown risks and significant uncertainties, many of which are outside the control of the Company. Actual results, performance, actions and developments of the Company may differ materially from those expressed or implied by the forward looking statements.

BENHAM — New to the portfolio



• These statements relate to future events, expectations and aspirations and the results of the initial fieldwork program and as such involve known and unknown risks and significant uncertainties, many of which are outside the control of the Company. Actual results, performance, actions and developments of the Company may differ materially from those expressed or implied by the forward looking statements.

• **Refer to ASX announcement dated 6 November 2023 for Benham Project acquisition terms

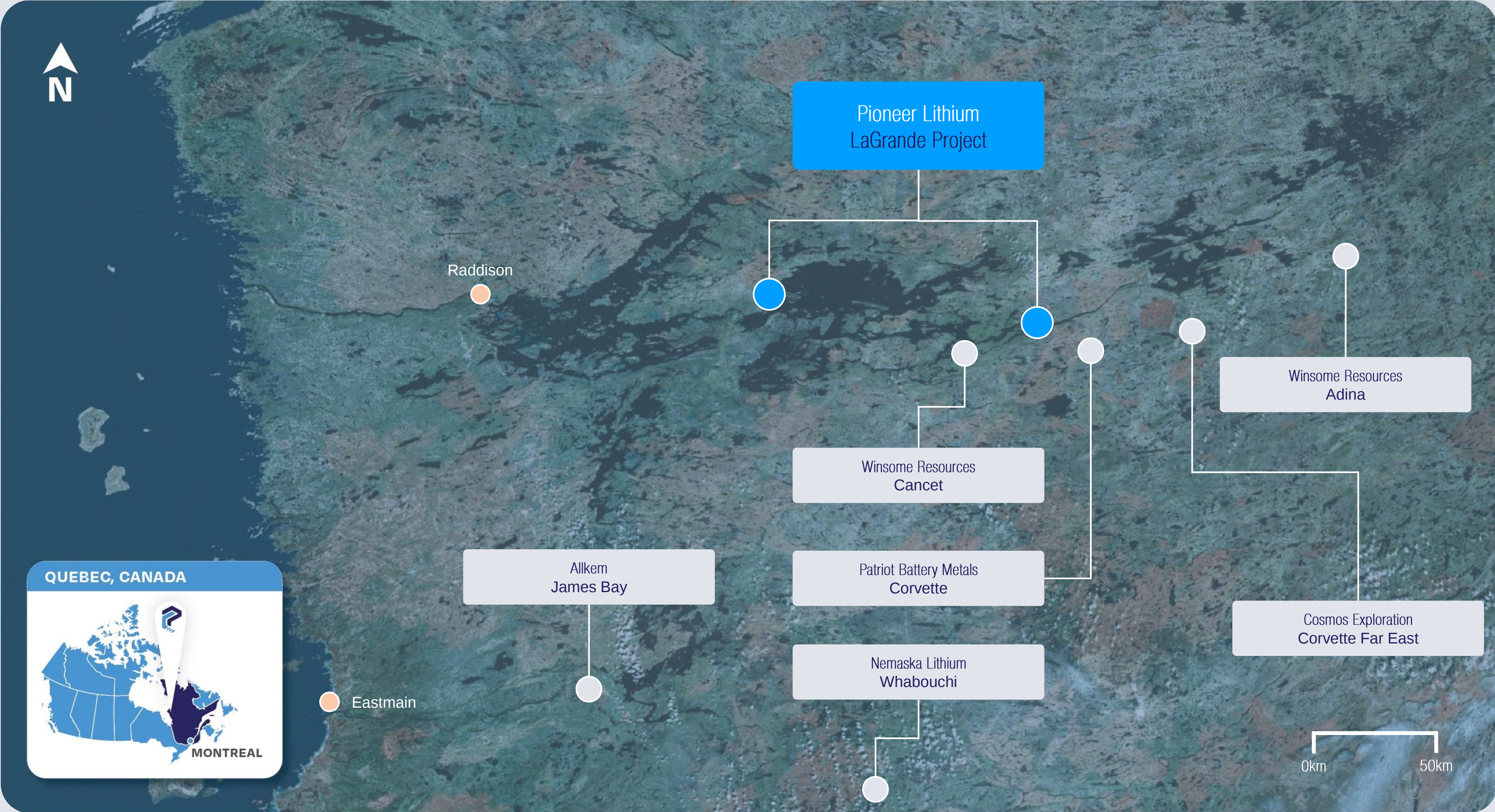
LAGRANDE — Very exciting region, with initial activities on...

LaGrande — In progress

- Geophysical survey
- Topographical mapping
- Initial fieldwork program

LaGrande — What's next

- First Nations engagement
- Exploration permits
- Additional fieldwork / Drill program design

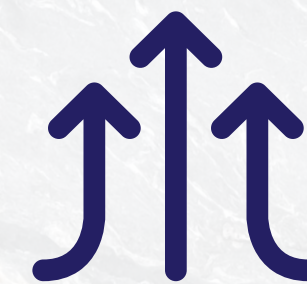


PIONEER LITHIUM — This is why we are excited



Quality Assets

- Highly prospective assets
- Tier 1 neighbours with JORC 2012 compliant Mineral Resources
- James Bay region, Quebec
- Red Lake Mining District, Ontario



Growth Potential

- Tight corporate capital structure
- Highly experienced and entrepreneurial board and management team with;
 - Proven track record in Canada
 - Lithium exploration, development and operations experience
 - Vision, passion and experience to grow the next major lithium company
- Multiple high-quality assets in a tier 1 jurisdiction
- Critical infrastructure exists
- Access to significantly expanding North American markets



Defined Plan, Underway

- Root Lake drill permitted
- Systematic exploration approach, including:
 - Magnetic and topographic surveying
 - Prospecting and mapping
 - Sampling
 - Drill planning
 - Drilling
- Summer field works program at Root Lake completed
- First Nations engagement
- Drilling and camp contracts awarded, mobilisation planning in progress at Root Lake



THANK YOU

Contact Information

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