E3 LITHIUM

TSX.V: ETL | **OTCQX:** EEMMF | **FSE:** OW3

Driven By Purpose.
Powered By Innovation.

March 2026 | Corporate Presentation

Cautionary Notes and Forward-Looking Statements

This presentation has been prepared by management of E3 Lithium Ltd. (“E3 Lithium”, “E3”, or the “Company”) and does not represent a recommendation to buy or sell securities of E3. Investors should always consult their investment advisors prior to making investment decisions. This presentation does not purport to be complete or contain all of the information that may be material to the current or future business, operations, financial condition or prospects of E3.

This presentation contains forward-looking statements and forward-looking information within the meaning of applicable Canadian securities laws. Forward-looking statements can be identified by the use of forward-looking language such as “plans”, “aiming”, “potential”, “future”, “projected”, “outlook”, “target”, “expects”, “estimates”, “objectives”, “intends”, “anticipates”, or variations of such words and phrases, and statements that certain events, actions or results “may”, “could”, “would”, “might” or “will” occur, be taken or be achieved. All statements other than statements of historical fact, included in this presentation are forward-looking statements. In particular, this presentation contains forward-looking information relating to: the estimated mineral reserves and mineral resources at the Clearwater Project; statements regarding the results of the 2024 PFS (as hereinafter defined), and interpretations thereof; expectations concerning the Clearwater Project, including projected grown in global lithium market, scalability of production, Clearwater Project economics; statements regarding plans to focus initial plant design on production of lithium carbonate and to build the project in three phases instead of lithium hydroxide and a single-stage build-out; statements regarding the Company’s strategy for water management and recycling, carbon capture and co-generation, land usage and reclamation; objectives for the 2025 demonstration facility; the pathway to commercialization; plan for joint development with Pure Lithium; forecasts regarding the growth of demand for lithium and plans and objectives of management for the Company’s operations and the Clearwater Project.

In preparing the forward-looking statements herein, the Company has applied several material assumptions, including, but not limited to assumptions that: the Company’s ongoing and planned programs will proceed as planned and that the results thereof will be consistent with the Company’s expectations; the Company will be able to obtain sufficient funding to financing all of the foregoing; the foregoing will be funded and completed on the expected timeline; all requisite information will be available in a timely manner; the current development, environmental and other objectives concerning the Clearwater Project can be achieved and that its other corporate activities will proceed as expected; that the current price and demand for lithium will be sustained or will improve; that general business and economic conditions will not change in a materially adverse manner and that all necessary governmental approvals for planned activities on the Clearwater Project will be obtained in a timely manner and on acceptable terms; that permitting and operations costs will not materially increase; the continuity of the price of lithium and other economic and political conditions; that construction and related equipment will be available as required and on reasonable terms; the continuity of tax rates and operating costs; and the assumptions set out in the 2024 PFS, in the Company’s Canadian public disclosure record.

Forward-looking statements are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, levels of activity, performance or achievements of E3 Lithium to be materially different from those expressed or implied by such forward-looking statements, including, but not limited to, risks related to: effectiveness and feasibility of emerging lithium extraction technologies which have not yet been tested or proven on a commercial scale or on the Company’s brine, risks related to the availability of financing on commercially reasonable terms and the expected use of proceeds; operations and contractual obligations; changes in estimated mineral reserves or mineral resources; future prices of lithium and other metals; availability of third party contractors; availability of equipment; failure of equipment to operate as anticipated; accidents, effects of weather and other natural phenomena and other risks associated with the lithium extraction industry; the Company‘s lack of operating revenues; currency fluctuations; risks related to dependence on key personnel; estimates used in financial statements proving to be incorrect; competitive risks and the availability of financing, as described in more detail in E3’s continuous disclosure filings available under its profile at **www.sedarplus.ca.** Although E3 Lithium has attempted to identify important factors that could cause actual results to differ materially from those contained in the forward-looking statements in this presentation, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward- looking statements contained in this presentation. E3 Lithium does not undertake to update any forward- looking statements except in accordance with applicable securities laws.

The scientific and technical information relating to the Company’s Clearwater Project in this presentation has been derived from or is based on the technical report titled “Clearwater Project, NI 43-101 Technical Report on Pre-Feasibility Study, Bashaw District Mineral Property, Central Alberta, Canada” with an effective date of June 20, 2024 (the “2024 PFS”) prepared by Daron Abbey, M.Sc., P. Geo of Matrix Solutions Inc; Alex Haluszka, M. Sc., P. Geo of Matrix Solutions Inc; Meghan Klein, P. Eng, of Sproule Associates Limited; Antoine Lefaivre, P. Eng, of Sedgman Canada Limited; and Keith Wilson, P. Eng., of Stantec Inc, each of whom is a “qualified person” as defined under National Instrument 43-101 – *Standards of Disclosure for Mineral Projects* (“NI 43-101”). Unless otherwise indicated, Kevin Carroll, P. Eng., Chief Development Officer and a “qualified person” under NI 43-101, has reviewed and is responsible for the technical information contained in this presentation.

The basis for the 2024 PFS and the qualifications and assumptions made by the authors thereof are set out in the 2024 PFS. Such basis, assumptions, and qualifications are not fully described in this presentation and information herein does not purport to be a complete summary of the 2024 PFS. For readers to fully understand the information in this presentation, reference should be made to the full text of the 2024 PFS, which is available for review under the Company's profile on the SEDAR+ at **www.sedarplus.ca** and on the Company’s website at **www.e3lithium.ca**.

Leader in Canadian Lithium

Experienced, Execution-Focused Team

- Strong, disciplined leadership with deep industry experience
- Track record of consistent milestone delivery under a clear execution plan
- Highly experienced Board providing broad expertise across E3's entire business

Significant Resource, Battery-Grade Product

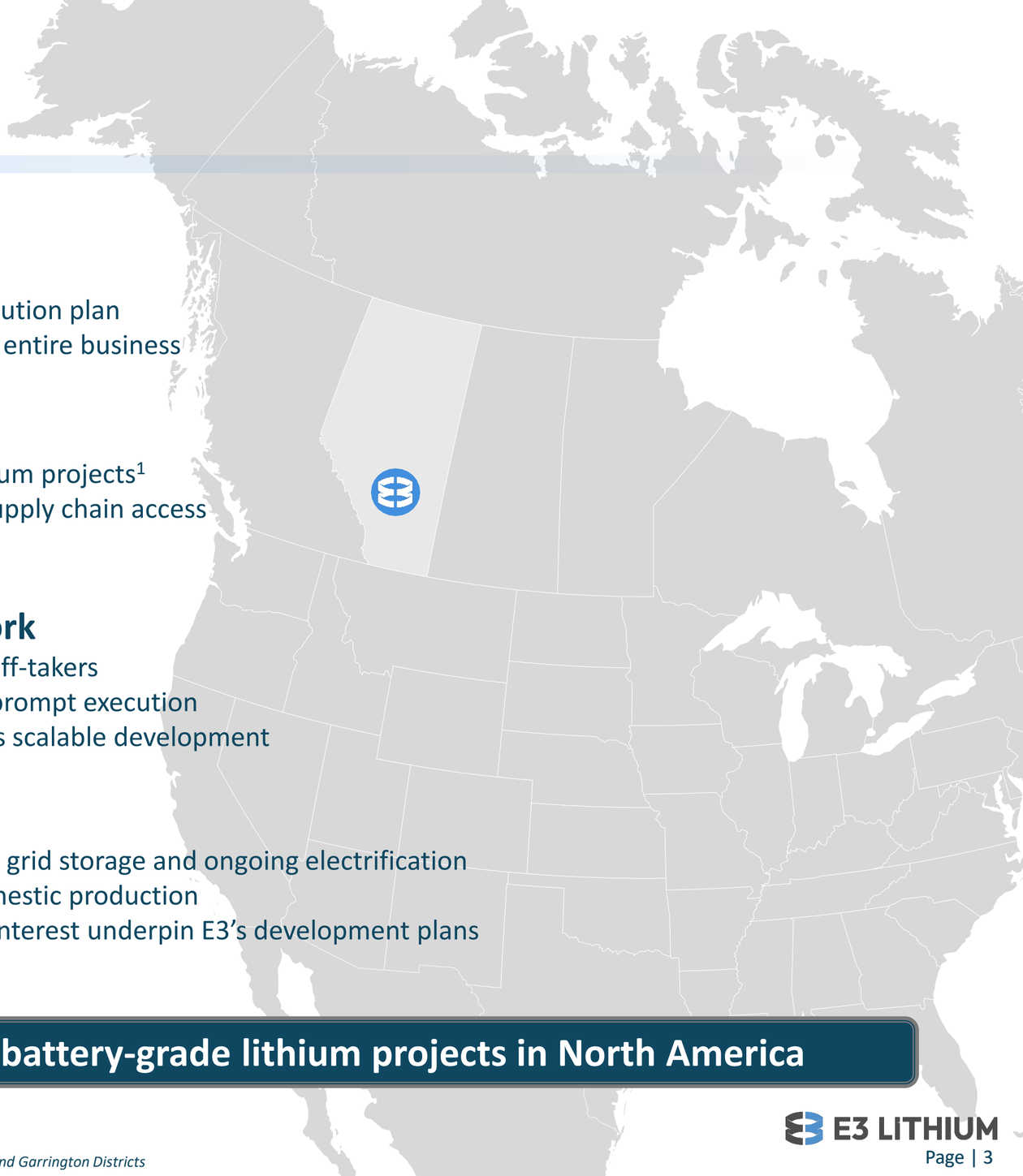
- Largest resource in Canada, ranking amongst largest global lithium projects[1]
- Locally produced battery-grade lithium carbonate with direct supply chain access
- Proven resource with 70 years of development history

Strategic Location, Established Regulatory Framework

- Low risk jurisdiction with direct access to global and domestic off-takers
- Efficient permitting timelines and regulatory process supports prompt execution
- Established infrastructure and a skilled local workforce supports scalable development

Constructive Global Lithium Fundamentals

- Growing global demand for Li-ion batteries for electric vehicles, grid storage and ongoing electrification
- Structural lithium deficits in North America create need for domestic production
- Continued government support and growing strategic off-take interest underpin E3's development plans



E3 Lithium is developing one of the first to market battery-grade lithium projects in North America

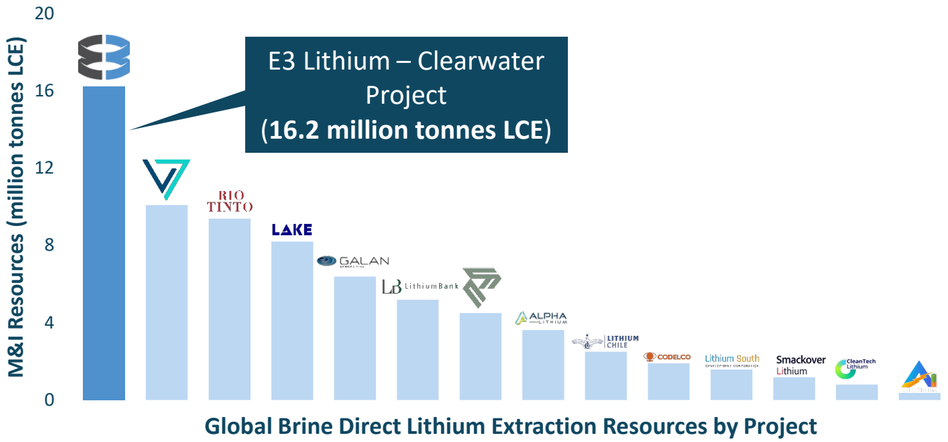
1. *Based on Company's total measured and indicated (M&I) resource of 21.2 million tonnes lithium carbonate equivalent (LCE) across the Bashaw and Garrington Districts*

Corporate Profile

Capital Markets Summary[1]

$1.21 Share Price	**$0.50 - $1.83** 52 Week Low/High Share Price
$105 million Market Capitalization	**87 million** Common Shares Outstanding
No Debt	**365,000** 3-Month Avg. Daily Trading Volume
$19.4 million[3] + $61.3 million[4] Working Capital + Available Gov't Grants	**2.2%** Insider Ownership

Comparative Global Projects[2]



Path To Commercialization

Project Definition
2020 – 2021

Preliminary Economic Assessment (PEA) released was first of its kind outlining project viability of lithium from Alberta brines

Lab-pilot prototype brought DLE development and expertise in-house providing rapid technology advancement

De-Risking
2022 – 2025

Drilled 1st lithium well in Alberta and outlined significant M&I resources

Pre-Feasibility Study (PFS) outlined robust project economics and Alberta's first lithium reserves

Demonstration facility commissioned and produced battery-grade lithium, drilling operations & EPEA submission

Commercialization
2026

Q1: Reservoir production test, collect data from Demonstration operations for FEED

Q2-Q4: Continue commercial permits, operate commercial-scale DLE, develop partnerships and offtake, define project financing

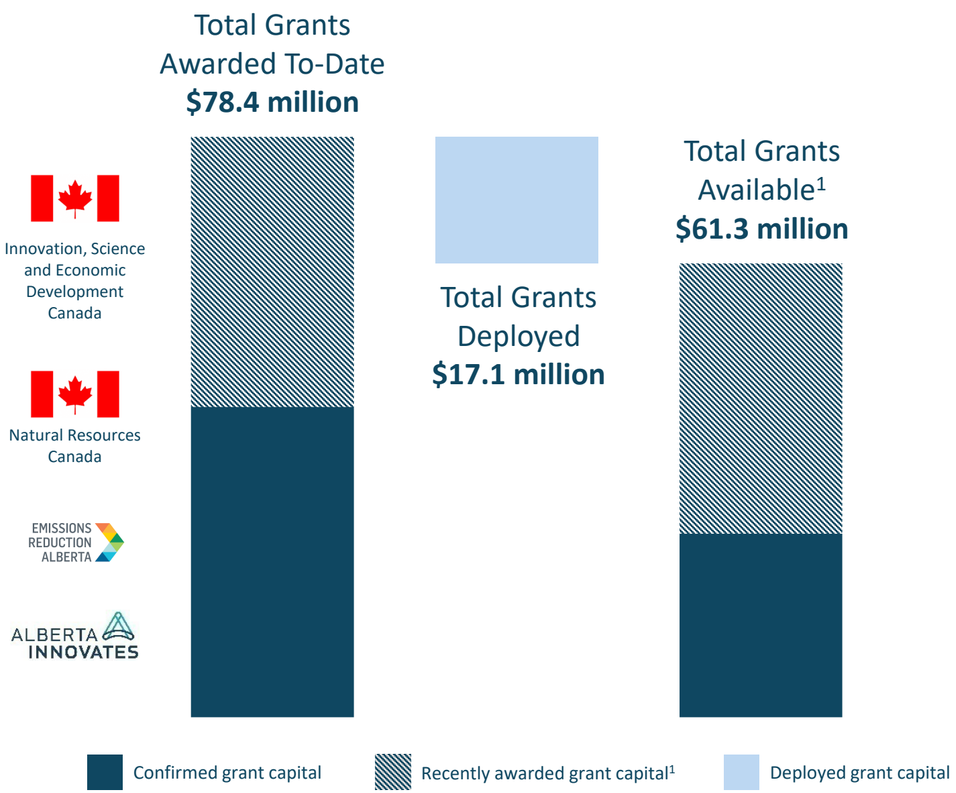
Clearwater PFS: Key Project Metrics[5]

Production Capacity 32,000 tonnes (per year)	**Reserve Life** 50 years	**Operating Cost** US$6,200 (per tonne)
After-tax NPV_8 US$3.7 billion	**After-tax IRR** 25%	**Annual EBITDA** US$530 million

1. *TSXV closing share price, outstanding share count, and market capitalization as of market close on January 30, 2026. 3-month avg. daily trading volume ending Jan. 30, 2026*
2. *Based on select, publicly available NI 43-101-compliant DLE brine resources representing the single largest lithium resource of the Company. Chart may not be exhaustive*
3. *Includes working capital of $6.8 million as of September 30, 2025, plus net proceeds of $12.6 million from equity offering closed in October 2025*
4. *As of October 31, 2025, E3 Lithium had $24.8 million of grant capital available. On March 2, 2026, E3 Lithium announced a $36.5 million conditional grant from the Canadian Federal government. There is no guarantee that E3 Lithium will spend all the grants awarded*
5. *Approximate values, based on June 20, 2024 Clearwater Project NI 43-101 Technical Report on Pre-Feasibility Study. References to tonnes refer to metric tonnes of lithium hydroxide monohydrate*

Government Support For Critical Minerals Development

Government Grants Awarded To E3 Lithium



Federal Government Financial Support

Critical Minerals Infrastructure Fund (CMIF)

- Up to $1.5 billion in funding until 2030; Clean energy and infrastructure projects
- **E3 Lithium granted $4.4 million**

Strategic Response Fund (SRF)[2]

- $1.5 billion allocated to strengthen Canada's critical minerals initiatives
- **E3 Lithium granted $27 million**

Global Partnerships Initiative (GPI)

- Promotes Canada's international leadership in critical minerals
- **E3 Lithium granted $36.5 million[1]**

Clean Technology Manufacturing Investment Tax Credit (CTM ITC)

- Up to 30% refundable cash return on eligible capital until 2034

Recent Western Government Policy Tailwinds[3]

- **Apr. 2025:** U.S. Gov't launches investigation on critical minerals
- **May 2025:** Canada commits $550 million to critical minerals funding
- **Jun. 2025:** G7 Critical Minerals Action Plan
- **Aug. 2025:** Germany signs partnership with Canada; establishes Raw Materials Fund
- **Aug. 2025:** U.S. DOE announces $1.0 billion funding to boost critical minerals supply chain

Meaningful financial support across multiple levels of government

1. *As of October 31, 2025, E3 Lithium had $24.8 million of grant capital available. Recently awarded grant refers to $36.5 million conditional grant from the Federal government (March 2, 2026). There is no guarantee that E3 Lithium will spend all the grants awarded*
2. *Strategic Response Fund (SRF) was previously named the Strategic Innovation Fund (SIF)*
3. *Sources: Section 232 Actions on Processed Critical Minerals and Derivative Products – The White House; G7 Critical Minerals Action Plan | Prime Minister of Canada; German Government Initiates Raw Materials Fund | Mining and Raw Materials; Canada Commits $550M to Critical Minerals Funding: Opportunity Is Knocking for the Mining Sector | SafeSight Exploration; DoE Announces Actions to Secure American Critical Minerals and Materials Supply Chain*

Significant Resource in Place

Delineated Reservoir with Substantial Development History

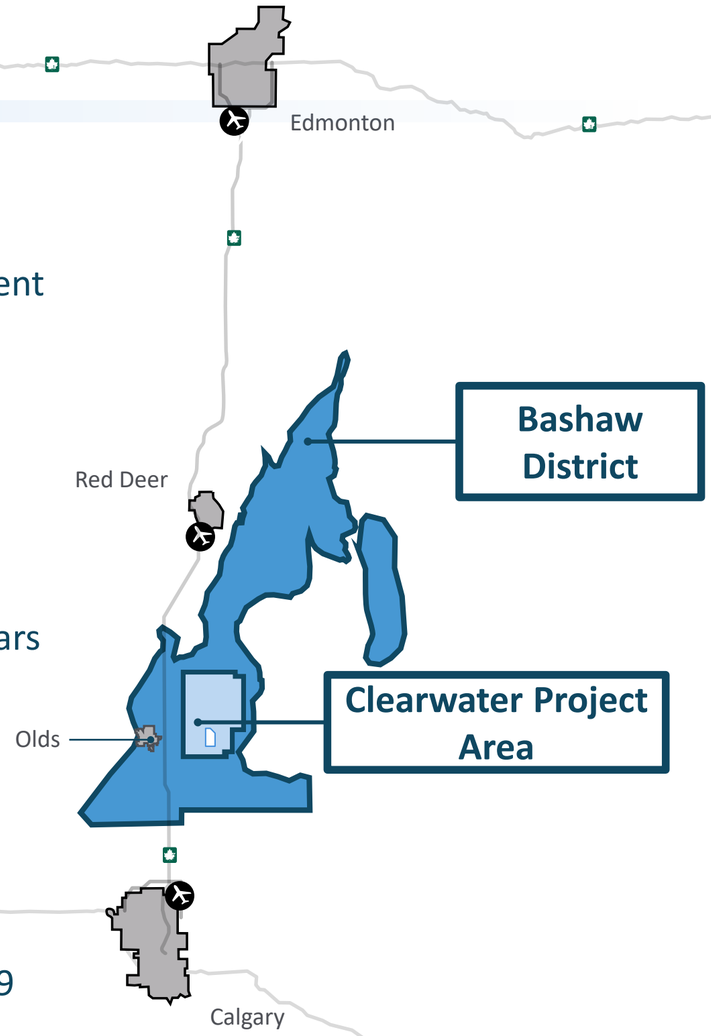
- Targeted Leduc formation has over 70 years of oil & gas production history
- E3's resource consists of 21.2 million tonnes measured & indicated (M&I) lithium carbonate equivalent
  - 75% of the company's resource located in the Bashaw district

Bashaw District is One of the Largest Single Asset Deposits Globally

- A subsurface ocean of brine with 60km^3 at 75mg/L[1]
- E3's resource in Bashaw District represents 40% of Canada's M&I lithium resources
  - Based on brine volumes, potential for up to 150,000 tonnes/year of lithium carbonate for 50 years
- E3 is focused on developing its Clearwater Project within the Bashaw District

Flagship Clearwater Project: Battery-Grade Lithium Carbonate

- Phase 1 operation expected to produce 12,000 tonnes/year of lithium carbonate
  - Full project has the potential to produce up to 36,000 tonnes/year of lithium carbonate
- Consistent project execution with commissioning and commercial operations expected in 2028/2029



High quality project with significant resource and scalability

1. *2024 Clearwater Project NI 43-101 Technical Report on Pre-Feasibility Study, June 20, 2024*

Industry Leader In Direct Lithium Extraction

In-House Direct Lithium Extraction (DLE) Expertise

- Technical team has DLE and lithium production expertise
- Continuously innovating and optimizing to deliver fully integrated facility
- Proprietary technology combined with strategic integration of existing solutions establishes E3 Lithium at the forefront of DLE in North America

Over a Decade Developing E3's Proprietary Process

- Enables the development of a system that is tailored to E3 brines, maximizing recovery and optimizing performance

Strategic Use of Third-Party Sorbents

- Leverage proven sorbents in combination with E3's process design to deliver a low risk, high performing commercial solution
- Ongoing, rigorous lab testing of commercially available sorbents, leading to operational use within cutting-edge Demonstration Facility

Chris Doornbos, President & CEO, explaining the process of carbonation to a group of key stakeholders at the Company's lab in Calgary

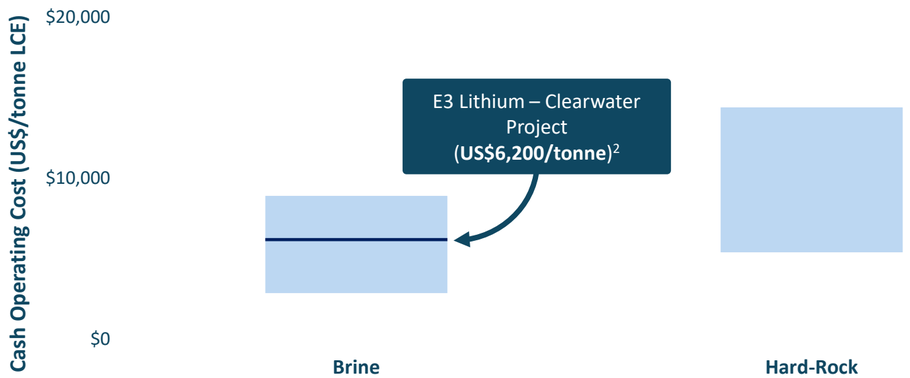
E3 Lithium leverages its expertise in DLE to technically derisk project development

Advantages of Direct Lithium Extraction (DLE)

DLE's Commercial and Operational Benefits

- ✓ **<10% surface footprint** compared to traditional development
- ✓ **>95% lithium recovery from DLE**
- ✓ No external infrastructure – **market-ready lithium product**
- ✓ **Fast processing** to final product – hours versus months/years
- ✓ Ability to recycle fresh water – **no process water required**

Operational Efficiency: Brine vs. Hard-Rock[1]



Range of Operating Costs Across Global Lithium Projects

Hard-Rock Mining

- Large surface footprint
- Low lithium recovery
- Relies on offsite processing
- Water intensive
- Significant secondary infrastructure

Evaporative Salars

- Large surface footprint
- Low lithium recovery
- Remote location – logistically challenged
- Slow processing
- Water intensive

Direct Lithium Extraction offers significant advantages over conventional extraction methods

1. *Based on 2026 C1 cost of extraction for brine and hard-rock lithium projects (Benchmark Mineral Intelligence: Lithium Total Cost Model Q4 2025)*
2. *Based on E3 Lithium's initial operating cost per tonne lithium hydroxide monohydrate (2024 Clearwater Project NI 43-101 Technical Report on Pre-Feasibility Study, June 20, 2024)*

Significant Technical & Commercial Depth

Corporate Team

Chris Doornbos, P.Geo., ICD.D
Chairperson, CEO, & President

Brian Newmarch, CFA
Chief Financial Officer

Leigh Clarke, LL.B.
VP, Government & Stakeholder Engagement

Brian Ceelen, P.Eng.
VP, Commercial

Sarfraz Somani, CFA
Director, Capital Markets

Project Team

Kevin Carroll, P.Eng.
Chief Development Officer

Jason Doornbos, P.Eng.
VP, Facility Design

Peter Ratzlaff, P.Eng.
VP, Resource Development

Jody Calvert, P.Eng.
Director, Facility Projects

Joanie Kennedy, P.Geo., PMP
Director, Subsurface

Caroline Mussbacher, P.Eng.
Director, Process & Technology

Kirsten Pugh, P.Eng., PMP
Technical Director, Subsurface

Highly experienced management team focused on execution

1. *Full executive and senior management bios available at* www.e3lithium.ca/corporate/management/

Strategic Oversight and Governance

Board of Directors

Chris Doornbos, P.Geo., ICD.D
Chair of the Board
Chris, the founder of E3 Lithium, is an industry expert in developing mineral projects globally, raising capital, and advancing innovative technology.

Alexandra Cattelan, MASC
Lead Director, Chair Compensation & HR Committee
Alexandra has more than 30 years of experience leading electric propulsion and advanced mobility programs as well as lithium battery development.

Hon. Sonya Savage, KC, ECA, LL.M.
Independent Director
Sonya's career spans law, the pipeline industry, and public service, including serving in the Government of Alberta as the Minister of Energy.

Kevin Stashin, MBA, P.Eng.
Chair Corporate Governance Committee
Kevin is an oil and gas executive with more than 40 years of industry experience with both junior and major companies.

Tina Craft, MBA
Chair Audit Committee
Tina is a multi-disciplined business executive who has held several leadership roles during her 27-year tenure with Albemarle Corporation.

Advisory Committee

Justin Jimmy, CPA, CAFM, ICD.D
Justin is a proud member of Onion Lake Cree Nation and brings extensive experience spanning accountancy, Indigenous government, municipal governance, public and private entities, and not-for-profits.

Suzanne Patrick
A retired Navy Commander and former Deputy Undersecretary of Defense, Suzanne served in the United States Navy Reserve for 21 years, rising to the rank of Commander.

Decades of industry experience across lithium, resource development, operations, regulatory, and finance

Attractive Long-Term Lithium Fundamentals

Long-Term Market Themes

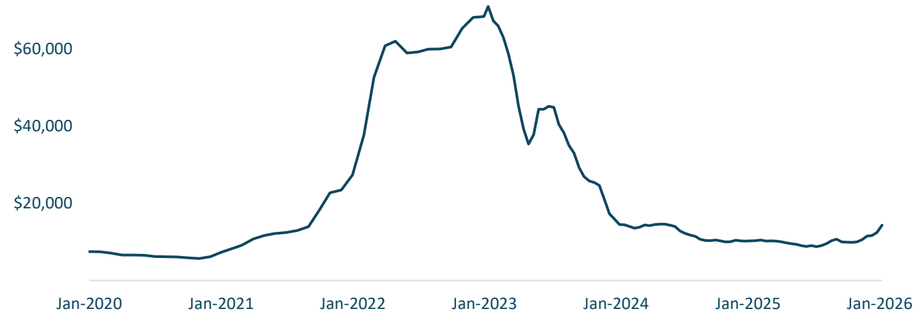
Demand Drivers

- ☑ Continued EV Penetration
- ☑ Battery Storage Growth

Supply Challenges

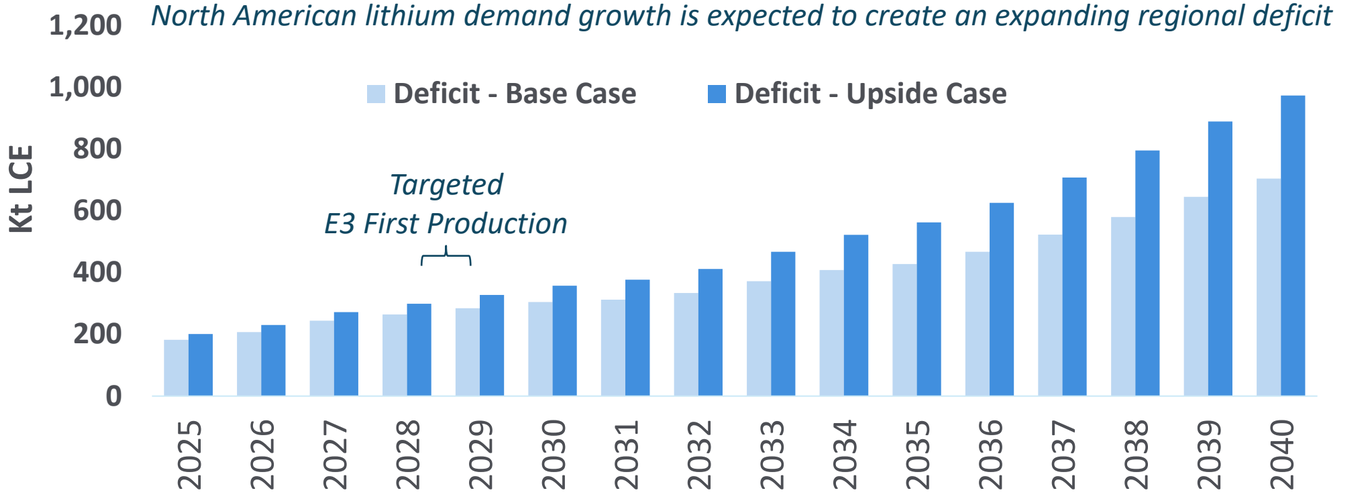
- ☒ Long Lead Times
- ☒ Capex Requirements / Lack of Funding

Historical Lithium Carbonate Price (US$/t)[1]

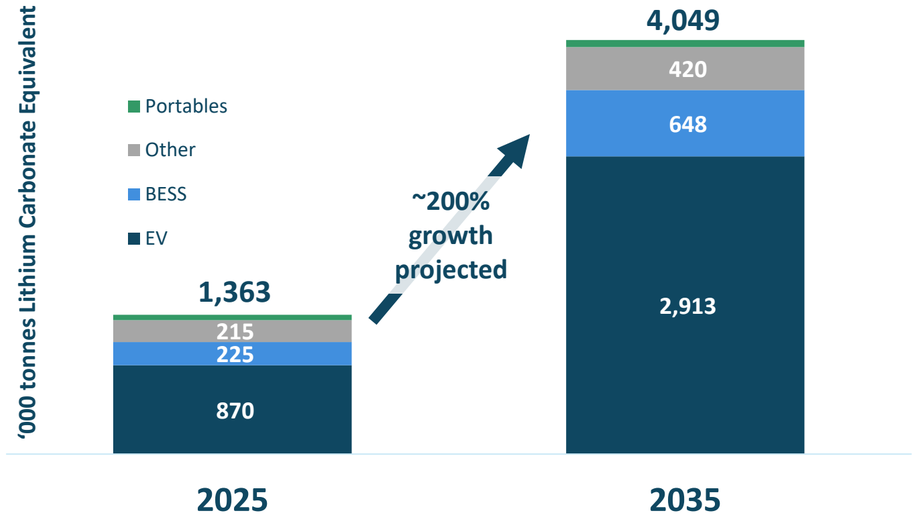


North American Forecasted Annual Lithium Deficit[2]

North American lithium demand growth is expected to create an expanding regional deficit



Global Lithium Demand Growth by End-Use[3]

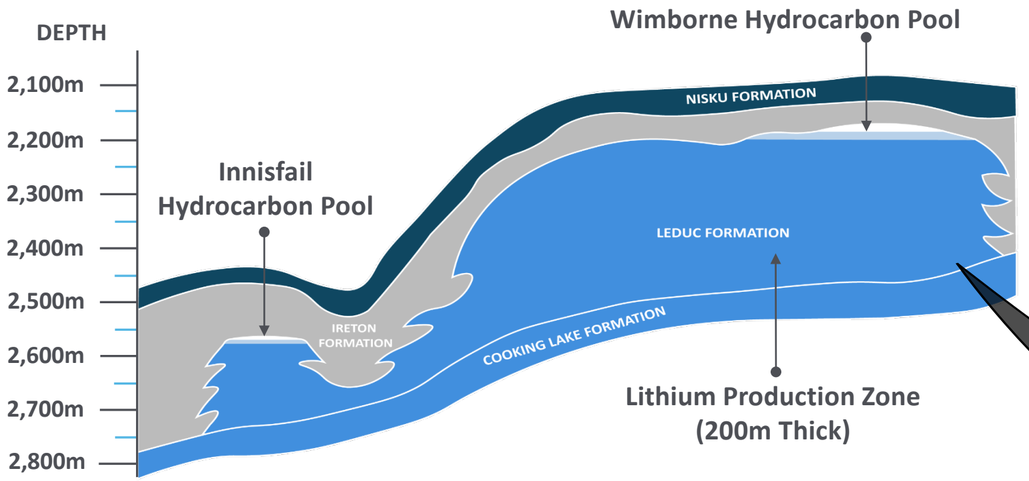


Growing market demand and tightening supply drive Clearwater Project fundamentals

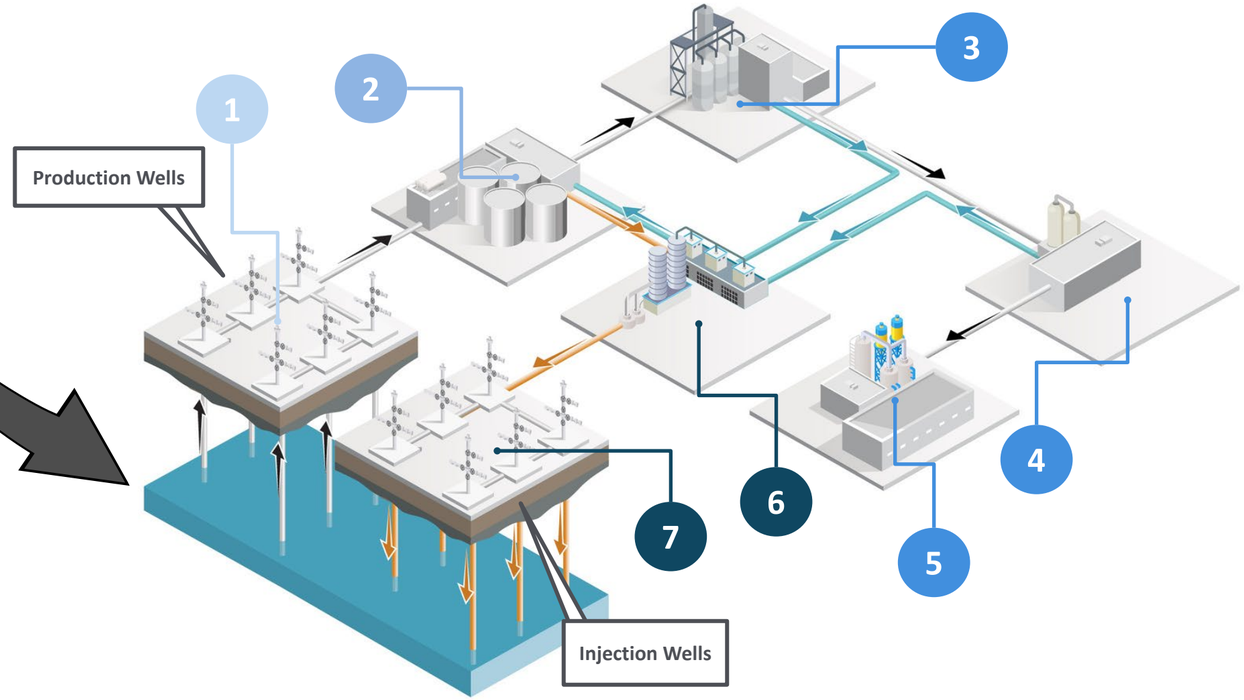
1. *Benchmark Minerals Intelligence market data as of January 7, 2026*
2. *Benchmark Minerals Intelligence – Lithium Market Overview (Q3 2025)*
3. *Benchmark Minerals Intelligence – Lithium Forecast Report (Q4 2025)*

Clearwater Project Reservoir and Process Development

Leduc Reservoir in the Bashaw District



Optimized Lithium Production Process



1. Lithium Enriched Brine Extraction
2. Direct Lithium Extraction
3. Concentration & Purification
4. Final Concentration
5. Conversion To Battery-Quality Lithium
6. Water Purification
7. Brine Re-injection

Historical Exploration Lowers Development Costs

- ~2,400 well logs with >300 core data & analyses
- >300 drill and pressure tests to inform deliverability
- >30 million m^3 oil produced, >100 million m^3 water reinjected
- >100 brine samples
- Well-understood and validated production process

E3 Lithium is repurposing the historic Leduc reef discovered in 1947 and in operation since 1960

Existing Logistics Support Project Development

Integration with Existing Infrastructure

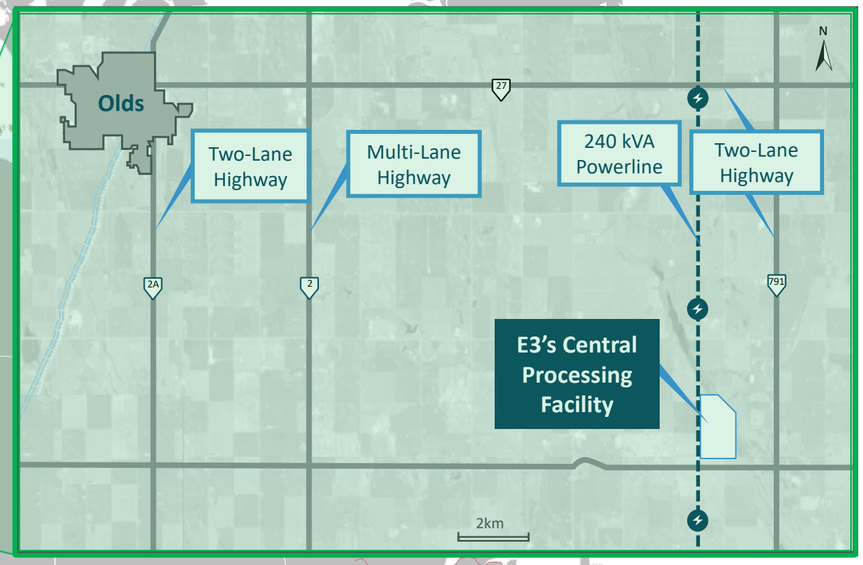
- Clearwater Facility purposefully sited on existing disturbed site
- Strategically located near high-voltage power line, major highways, and municipal centers

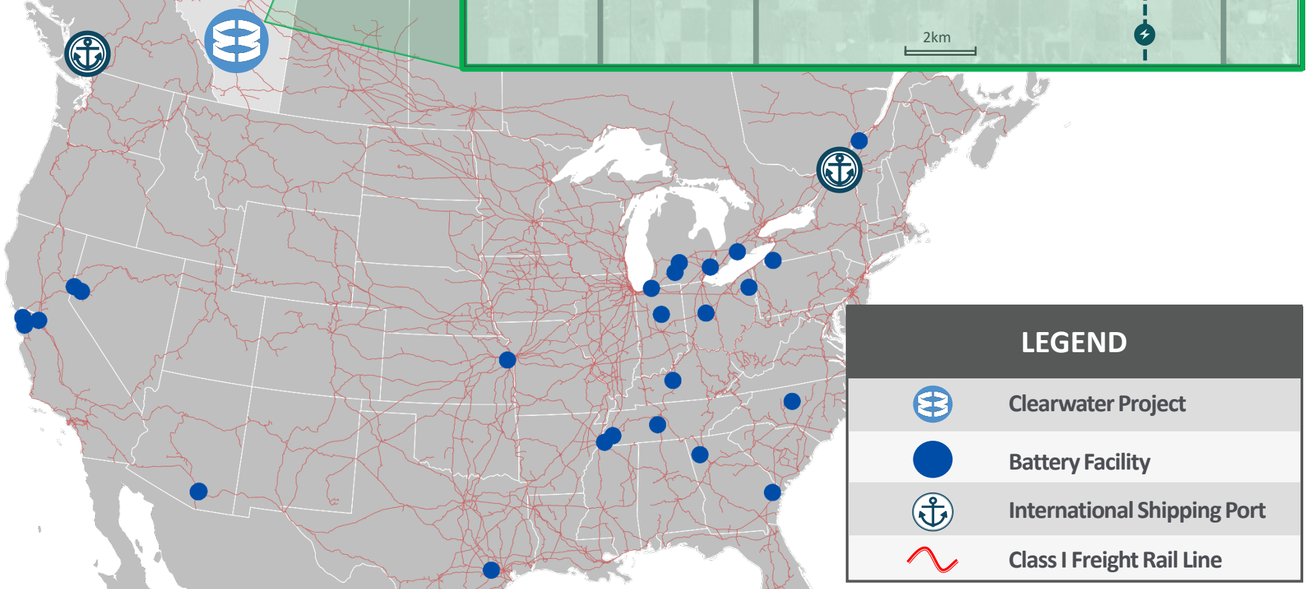
Market Access

- Proximal to major freight rail lines that supply growing North American battery centers[1]
- Rail connectivity to ports provides access to international markets

Growing North American Battery Capacity[2]

- High growth industries drive domestic lithium demand
- North American battery cell demand expected to grow to more than 500 GWh by 2030[3]





Existing infrastructure enhances egress to meet growing domestic and global lithium demand

1. *Represents Canadian Pacific Kansas City, Union Pacific, BNSF, Canadian National, and CSX Class I freight rail lines throughout North America. Data taken from the Federal Railroad Administration, part of the U.S. Department of Transportation/Bureau of Transportation Statistics*
2. *Reflects operating or announced battery facilities. Based on publicly available information and corporate releases; may not be exhaustive or accurately reflect actual project development status*
3. *Benchmark Battery & Gigafactory Service (Q3 2025)*

Alberta's Efficient Regulatory Landscape

Established Regulatory Framework

- The Alberta Energy Regulator (AER) is responsible for overseeing brine-hosted minerals development

Clear & Predictable Approval Process

- Established approval framework creates efficient permitting pathway, accelerating the speed to market

Stable, Pro-Business Policies

- Strong federal and provincial government support for the development of critical minerals industry

High Environmental Standards

- Balanced regulations for sustainable growth

Key Permits Required for the Clearwater Project[1]	
Demonstration Project – Phase 2	**Application Status**
Directive 056: Wells	Approved
Directive 056: Facility	Approved
Directive 065: Resource Applications	Approved
Directive 051: Injection & Disposal Wells	Apply post Phase 2 drilling
Clearwater Project	**Application Status**
Directive 056: Central Processing Facility ("CPF")	Applied
Directive 056: Wells & Pipelines	2026
Directive 065: Resource Applications	2026
Directive 051: Injection and Disposal Wells	Apply post drilling
Environmental Protection and Enhancement Act (CPF only)	Applied
Alberta Utilities Commission: Rule 7 (CPF only)	2026
Municipal Development Permit (CPF only)	2026

Alberta's lithium-in-brine approval process is based on the existing oil and gas regulatory framework

1. *Additional permits may be required on a project-by-project basis. Approval timeline guidelines are posted on the Alberta Energy Regulator's website. https://static.aer.ca/prd/documents/applications/application-processes/Regulatory-Applications-Target-Timelines.pdf. Actual application submission timelines may vary*

Proposed Clearwater Project Update

2024 Pre-Feasibility Study

Single Phase Construction with Robust Economics[1]

- Annual production capacity of ~32,000 of lithium hydroxide monohydrate (LHM)
- An NPV_8 (after-tax) of ~US$3.7 billion with ~25% IRR
- Low initial opex of ~US$6,000/tonne and capital intensity of ~US$76,000/tonnne

Proposed Clearwater Development Plan[2]

Staged Development Plan

- Phase 1 production target of ~12,000 tonnes/year of lithium carbonate (LC)
  - Expected total production capacity of ~36,000 tonners/year of LC
- Staged investment profile reduces capital at risk
  - Reduces upfront engineering costs and construction time

Focus on Battery-Grade Lithium Carbonate

- Design modification to align with market shift to produce LC instead of LHM
- Simplified product handling and logistics further de-risks project
- Decreases operating costs by reducing the number of reagents
- Retains optionality to add hydroxide conversion facility in future phases

Canada's first fully integrated lithium production facility

1. *2024 Clearwater Project NI 43-101 Technical Report on Pre-Feasibility Study, June 20, 2024*
2. *See Company's press release dated February 25, 2025*

Path to Commercialization in 2026

2025 Key Achievements

- ✓ **Produced 99.7% battery-grade** lithium carbonate
- ✓ **Drilled two wells;** analyzing reservoir output
- ✓ **First** ever facility and well scheme **licenses** for **lithium** issued **in Alberta**
- ✓ **Submitted application** for EPEA **ahead of schedule**
  - Commenced formal consultation and notification of stakeholders
- ✓ **Raised ~$20 million** to **support near-term development plan**
  - Funds raised through equity issuance and sale of non-core assets
- ✓ **Updated Clearwater project design** to phased development plan
  - 12,000 tonnes/year of lithium carbonate in Phase 1
  - Potential to produce up to 36,000 tonnes/year

2026 Key Objectives

Jan 2026 → *Dec 2026*

Technology Derisking
Demo Phase 2 & 3

Feasibility Study
On-Going

Commercial Initiatives
Discussions With Several Strategic Partners / Off-takers

Permitting
Continue to Submit Applications

Project Financing

2027 – 2029+

- ✓ **Ordering/Receiving Long-Lead Equipment**
- ✓ **Drilling Program & Pipeline Construction**
- ✓ **Facility Construction & Commissioning**
- ✓ **Operation of ~12,000 Tonnes/year in Phase 1 of Commercial Facility**
- ✓ **Aim to Produce High-Purity, Battery-Grade Lithium Carbonate**
- ✓ **Expand Facility to Full Capacity**

2025 milestones lead to 2026 ‘shovel ready’ Clearwater Project goal

Demonstration Facility – A Phased Approach

Phase 1:
Commission DLE Process and Polishing Skids

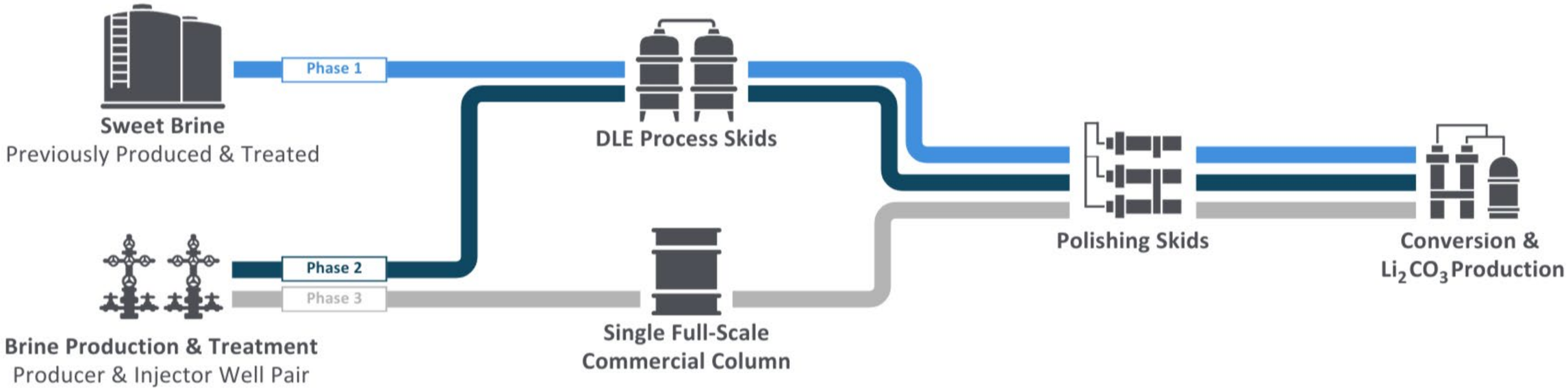
A 30-column scaled process optimization DLE system and purification equipment, and production of battery-grade lithium carbonate

Phase 2:
Wells & 30-Column DLE Operation

Two wells will be drilled for reservoir tests, live brine production tests, and to support data collection for the Feasibility Study

Phase 3:
Single Column Operation[1]

A single full-size commercial-scale DLE column will be operated to validate performance and to support project financing and strategic partnerships



Phased commissioning allows for methodical testing of each fully integrated flowsheet component

1. *A full-scale commercial DLE train includes 30 columns; proposed Phase 1 of the full commercial facility will include 4 DLE trains*

Demonstration Facility Objectives

✓ Refine the DLE Process

Confirm technical operations of the DLE System

✓ Confirm Resource Deliverability

Provide insight into reservoir characteristics for designing commercial well scheme, gathering systems, and gas treatment equipment

✓ Verify Product Quality

Demonstrate the ability to produce a high-quality product that will advance discussions with prospective offtake partners

✓ Validate Scalability

Test DLE process at full commercial scale through full-size single column

✓ Demonstrate Full Integration

Operate fully integrated brine-to-battery-grade lithium carbonate process

E3 Lithium is building a fully integrated Demonstration Facility

E3 Lithium: Investment Highlights

High-Quality Projects With Significant Potential

- Targeting 12,000 tonnes/year of lithium carbonate in Phase 1 of Clearwater Project with expansion potential to 36,000 tonnes/year
- Highly competitive cost profile with Clearwater positioned in first third of global cash cost curve[1]
- World-class resource endowment supports multi-decade operating life and district-scale production potential

Strategic Location; Alberta

- Proximity to North American markets; product also transportable to Europe and Asia
- Geopolitical stability; transparent and proactive regulatory framework with timely permitting[2]
- Ability to leverage existing oil and gas industry expertise; close proximity to key infrastructure

Strong Team & Defined Pathway To Commercialization

- Experienced management team with in-house DLE and drilling expertise
- Pre-Feasibility Study completed in June 2024; Demonstration Facility validates commercial scalability
- Progressing on strategic offtake partnerships in parallel with project financing

Attractive Long-Term Fundamentals

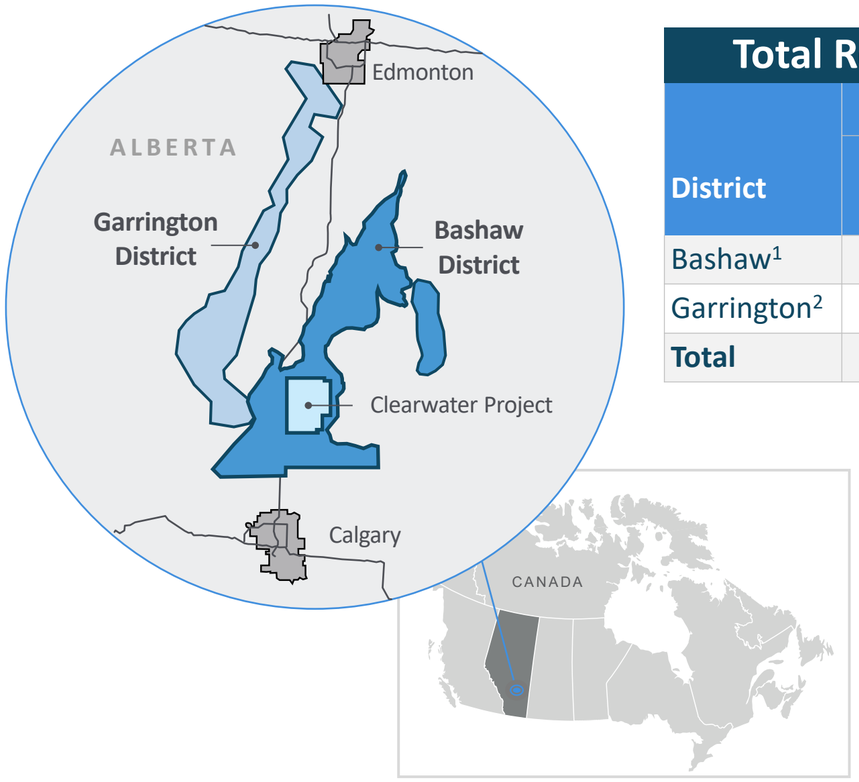
- Increasing lithium demand driven by electrification, energy security, and global decarbonization initiatives
- Significant forecasted global supply deficit driven by growing demand and supply challenges
- Focus across North America on developing secure domestic supply chains

Executing on one of North America's first battery-grade lithium projects

1. *Benchmark Minerals Intelligence - Lithium Market Overview (Q2 2025)*
2. *Based on current permitting timeframes published by the Alberta Energy Regulator (AER), https://static.aer.ca/prd/documents/applications/application-processes/Regulatory-Applications-Target-Timelines.pdf*

Appendix

Leduc Delivers Largest Lithium Resources in Canada



Total Reserves & Resources (million tonnes LCE)					
	Reserves	Resource			
District	Proven & Probable	Measured	Indicated	M&I	Inferred
Bashaw[1]	1.14	6.69	9.53	16.22	-
Garrington[2]	-	0.16	4.82	5.00	0.32
Total	**1.14**	**6.85**	**14.35**	**21.22**	**0.32**

Historic Leduc #1 Well - 1947

E3 Lithium holds Canada's largest lithium resource and one of the largest globally

1. *2024 Clearwater Project NI 43-101 Technical Report on Pre-Feasibility Study, June 20, 2024*
2. *Mineral resource NI 43-101 Technical Report for the Garrington District Lithium Resource Estimate, Alberta, Canada, June 25, 2025*

2024 Clearwater Project Pre-Feasibility Study Economics

PFS Metric	Units	Value
Initial Production	Tonnes LHM/year	32,250
Average Production (50-year)	Tonnes LHM/year	25,850
Total Initial Capital	M US$	2,465
Total Sustaining Capital	M US$	1,264
Annual Operating Cost	M US$	187
Initial Operating Costs	US$/tonne	6,200
Average Operating Costs	US$/tonne	7,250
Average LHM Price (BMI)	US$/tonne	31,344
Average Annual EBITDA[1]	M US$	531
IRR (pre-tax)	%	29.2
IRR (after-tax)	%	24.6
NPV_8 (pre-tax)	M US$	5,178
NPV_8 (after tax)	M US$	3,720
Payback	Years	4.25

IRR (after-tax)

24.6%

NPV_8 (after-tax)

US$3.72B

Initial OPEX

US$6,200

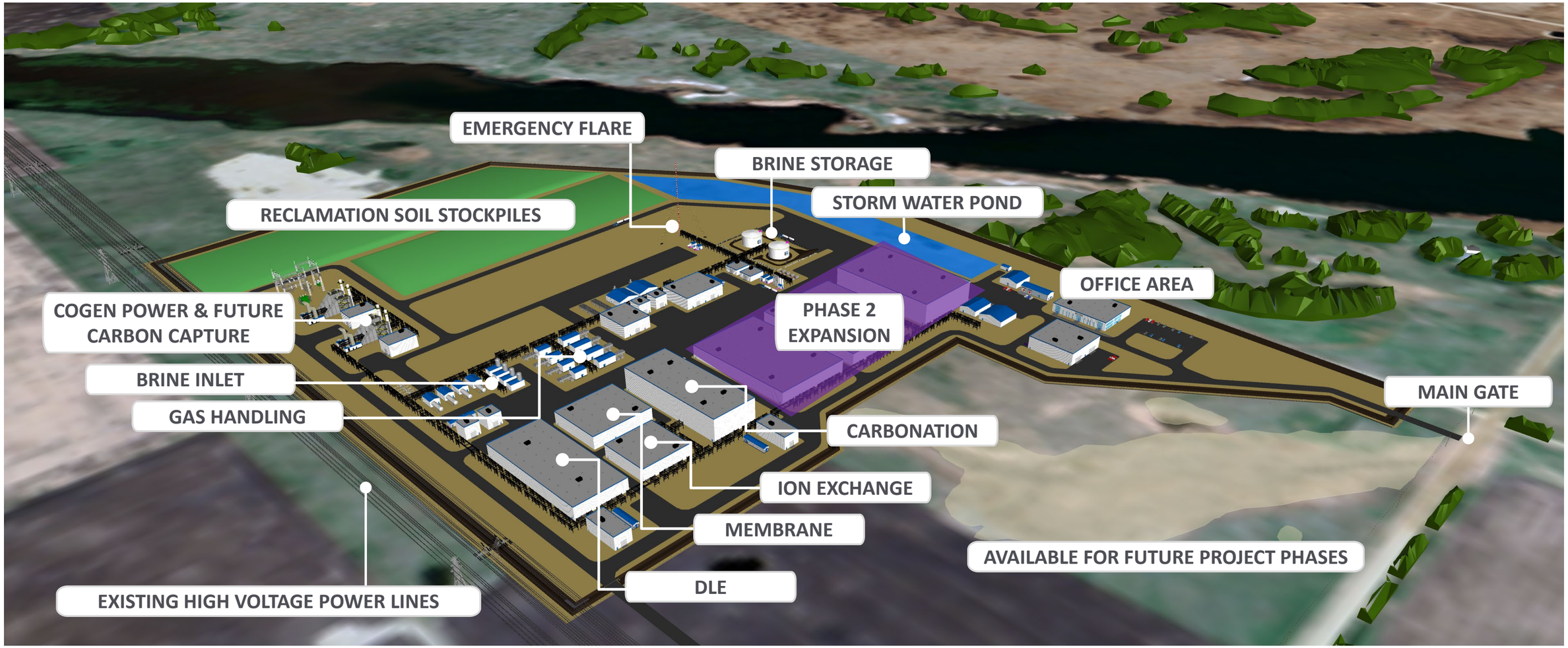
per tonne LHM

Initial CAPEX

US$2.46B

1. *2024 Clearwater Project NI 43-101 Technical Report on Pre-Feasibility Study, June 20, 2024. All dollar amounts are U.S. dollars unless otherwise indicated.*

Central Processing Facility



The Clearwater Project will be Canada's first fully integrated lithium brine production facility

This image is a graphical representation of the Central Processing Facility and may not represent the final facility process or design

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E3 LITHIUM

Driven By Purpose. Powered By Innovation.

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Scan to listen to Chris Doornbos, CEO of E3 Lithium, discuss the project and the company

www.e3lithium.ca