

Foro Litio, September 2026

New Technologies, New Resources: Taking DLE from Technological Promise to FID

Felipe de Mussy
President South America

LILAC

01

Our Journey



Lilac is the Leading Provider of Lithium IX Technology

2016

Founded

44+

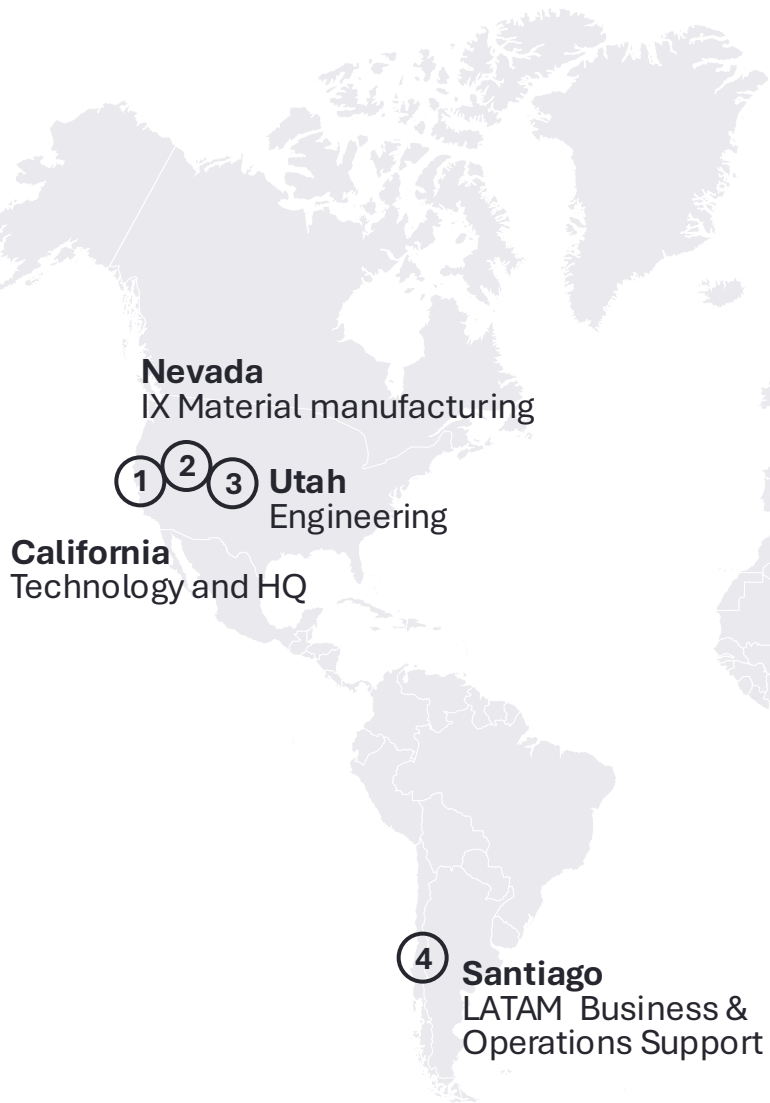
Granted patents

\$315M+

Capital raised

2026

IXM manufacturing



Field Tested and Scalable

Resource Flexibility

Attractive economics across brines including solar, oilfield, and geothermal.

Lower Impact

Sharply reduces land and freshwater needs.

Supply Chain Security

US design & manufacturing lessens market interference risks.

Modular & Scalable

Extensive field pilot & demo testing, with first commercial site in development.

Investors Focused on Scale



Lilac, First Commercial Journey

- Lilac IX designed and engineered in **Oakland, California.**



Lilac HQ,
Technology



NV

UT

CA

Pacific Ocean

Lilac, First Commercial Journey

- Lilac IX designed and engineered in **Oakland, California.**
- Lilac IXM manufactured in **Fernley, Nevada.**



Lilac, First Commercial Journey

- Lilac IX designed and engineered in **Oakland, California**.
- Lilac IXM manufactured in **Fernley, Nevada**.
- Developing a 20,000 tpa LCE commercial lithium project on the Great Salt Lake in Utah.



02

Great Salt Lake Project (GSL)



● UTAH, USA

Field Pilot

Major proof point for commercial permits, financing, and offtake

Average lithium grade

65 mg/L

Magnesium to lithium ratio

150:1

Economic lithium recovery

90%

First lithium carbonate

2028





**Delithiated
Brine Return** 7

OUTFALL BRINE

4620-TK-003

Project Development

Resource

Engineering

Permits

Offtake

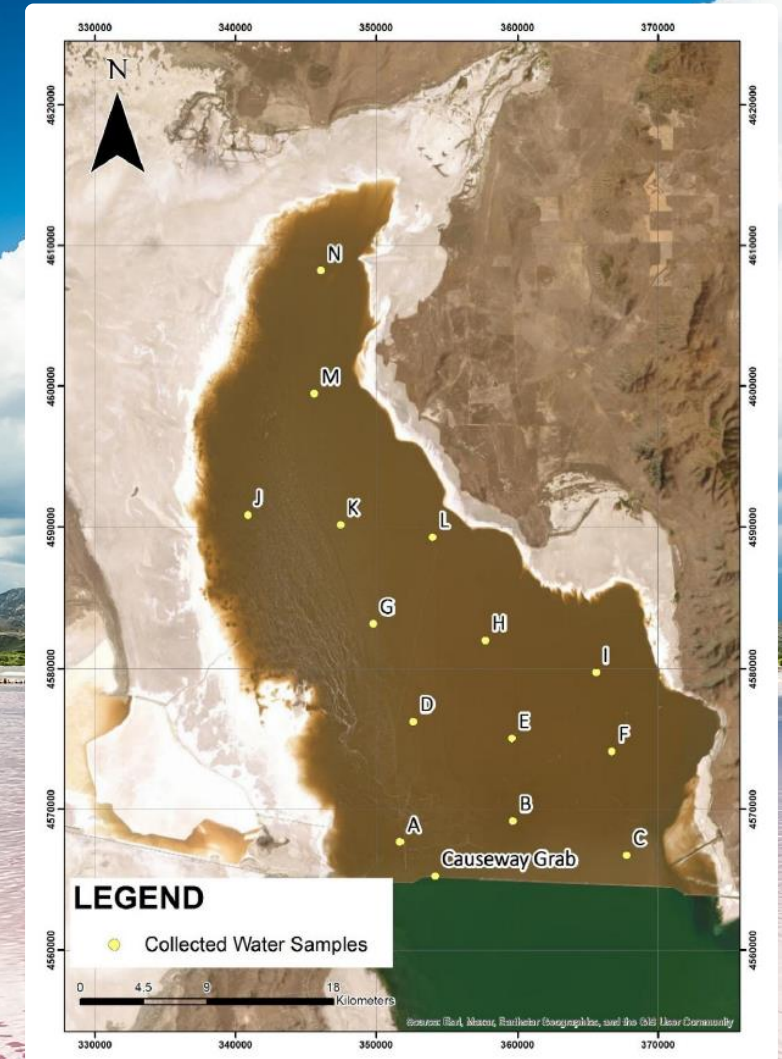
Funding



The Resource: Great Salt Lake

- Surface lake with 1.4 million tonnes LCE in the north arm
- 70 mg/L lithium, high sulfates, high magnesium
- Sampling campaigns confirmed no lithium concentration change with seasonality

Map of brine sampling locations in 2024



The Engineering & Testing

**FEL-0
to
FEL-3**

**Bench
testing to
field pilot**

**Technology
validation**

**Data for
permitting**

**Samples for
offtakers**

HATCH

Completing the Flowsheet

Eluate feed

Lithium sulfate
from Lilac IX™ DLE

JordProxa scope

Evaporation
Purification
Crystallization

Battery grade

Over 99.5% lithium



The Permits & Community



Utah Division of
Forestry, Fire & State Lands



Utah Division of
**OIL, GAS AND
MINING**



Division of
Water Rights



UTAH DEPARTMENT of
ENVIRONMENTAL QUALITY
**WATER
QUALITY**



UTAH DEPARTMENT of
ENVIRONMENTAL QUALITY
**AIR
QUALITY**



**US Army Corps
of Engineers.**



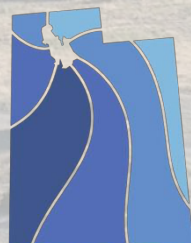
Utah Mining Association



The Nature
Conservancy



FRIENDS of
Great Salt Lake



GROW THE FLOW



UTAH
AEROSPACE
& DEFENSE

Great Salt Lake Advisory Council

The Offtake

The Whole Supply Chain

EV makers, cell producers,
CAM producers, refiners,
lithium salt producers, traders



TRAXYS

Binding 10-year take-or-pay
agreement, 100% of nameplate
production

The Funding

**Final Investment
Decision
2026**

The Future

PHASE 1

5,000

tpa LCE

2028

First Lithium
Carbonate

PHASE 2

15,000

tpa LCE

**Jobs &
Royalties
for Utah**

03

Kachi Project Catamarca, Argentina



Kachi Project, Key Metrics

Resource: Globally significant resource (11.1 Mt LCE) with massive upside potential (25 Mt LCE) in mining friendly jurisdiction

Production	25,000 tpa LCE
Project Life	25 years
CAPEX	\$1,157M
OPEX	\$5,895/t LCE

Improved CAPEX and OPEX from Gen 2 to Gen 4

- Reduced DLE unit CAPEX by \$98M, drove total savings of ~\$160M with inclusion of secondary impacts of Lilac’s technology advancements
- Reduced DLE unit OPEX by \$508/t of LCE

Further improvement in CAPEX and OPEX from Gen 4 to Gen 5

Next Steps

Permitting

- Successful Public hearing on August 27.
- Public consultation process officially closed (August 31, 2026).
- DIA expected in September.

Engineering

- DFS Addendum completed by Hatch Engineering (August 2025).
- Further improvements with Lilac Gen 5.

Offtake

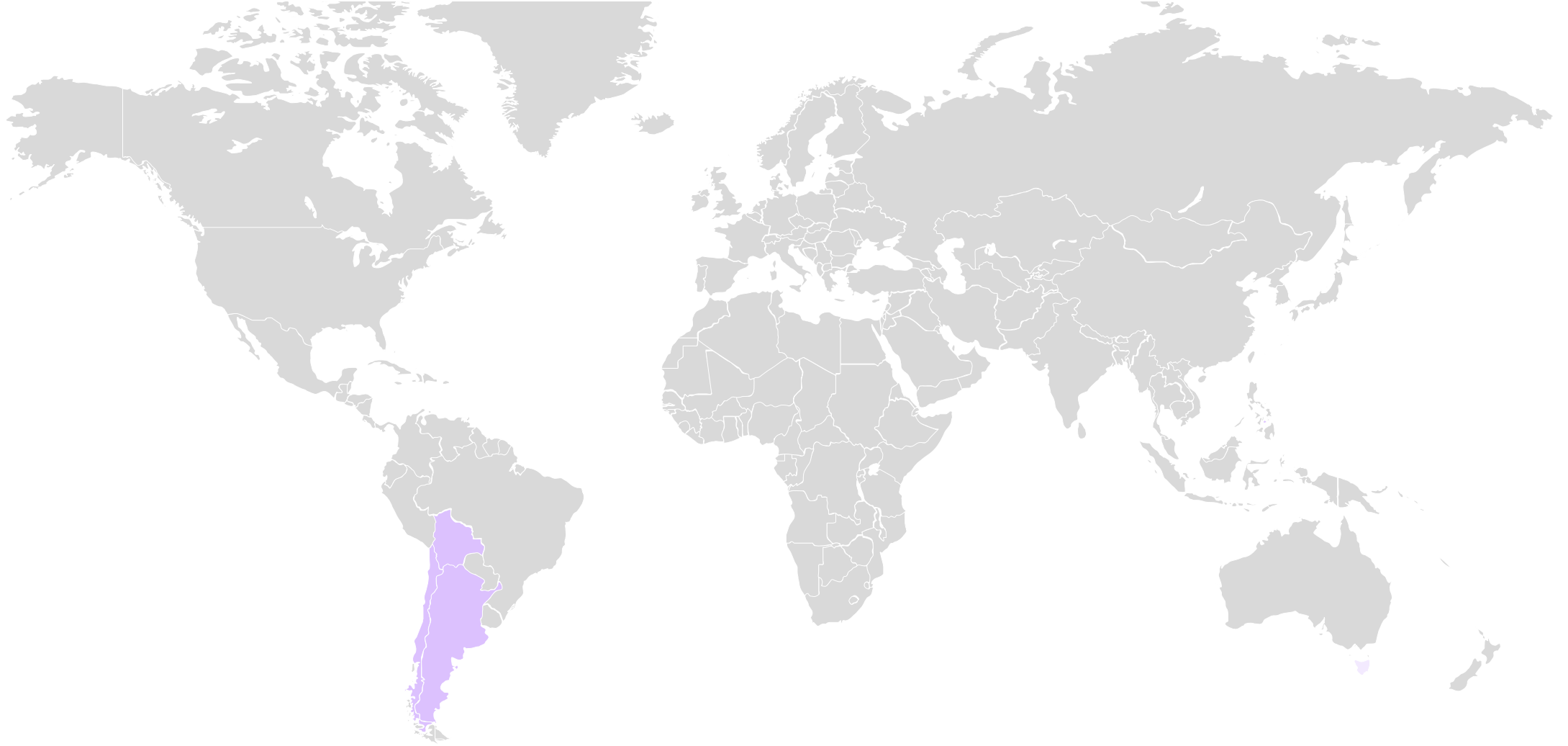
- 1,300 kg of battery-grade lithium carbonate available for offtake qualification.

04

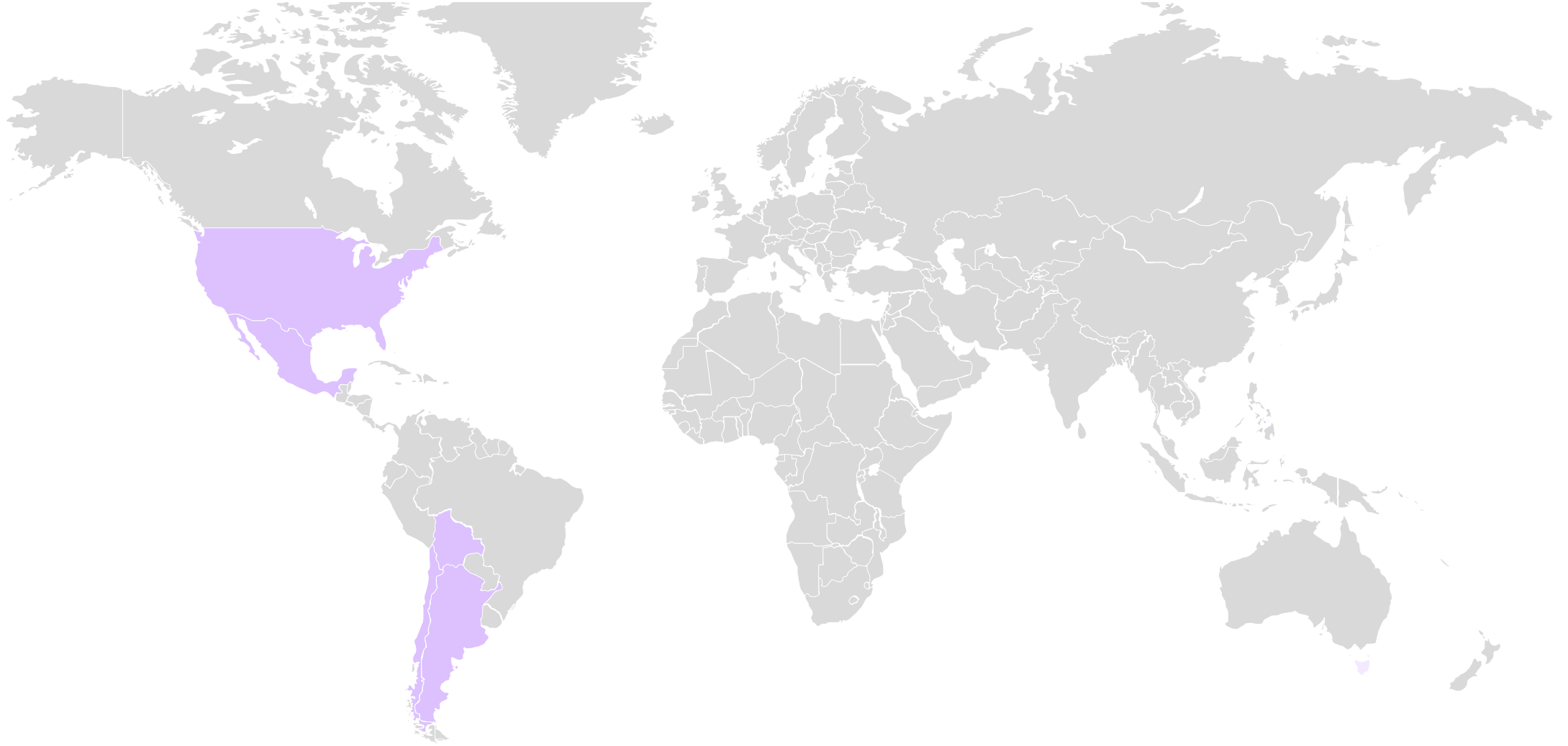
Global Deployment: Lilac's Playbook



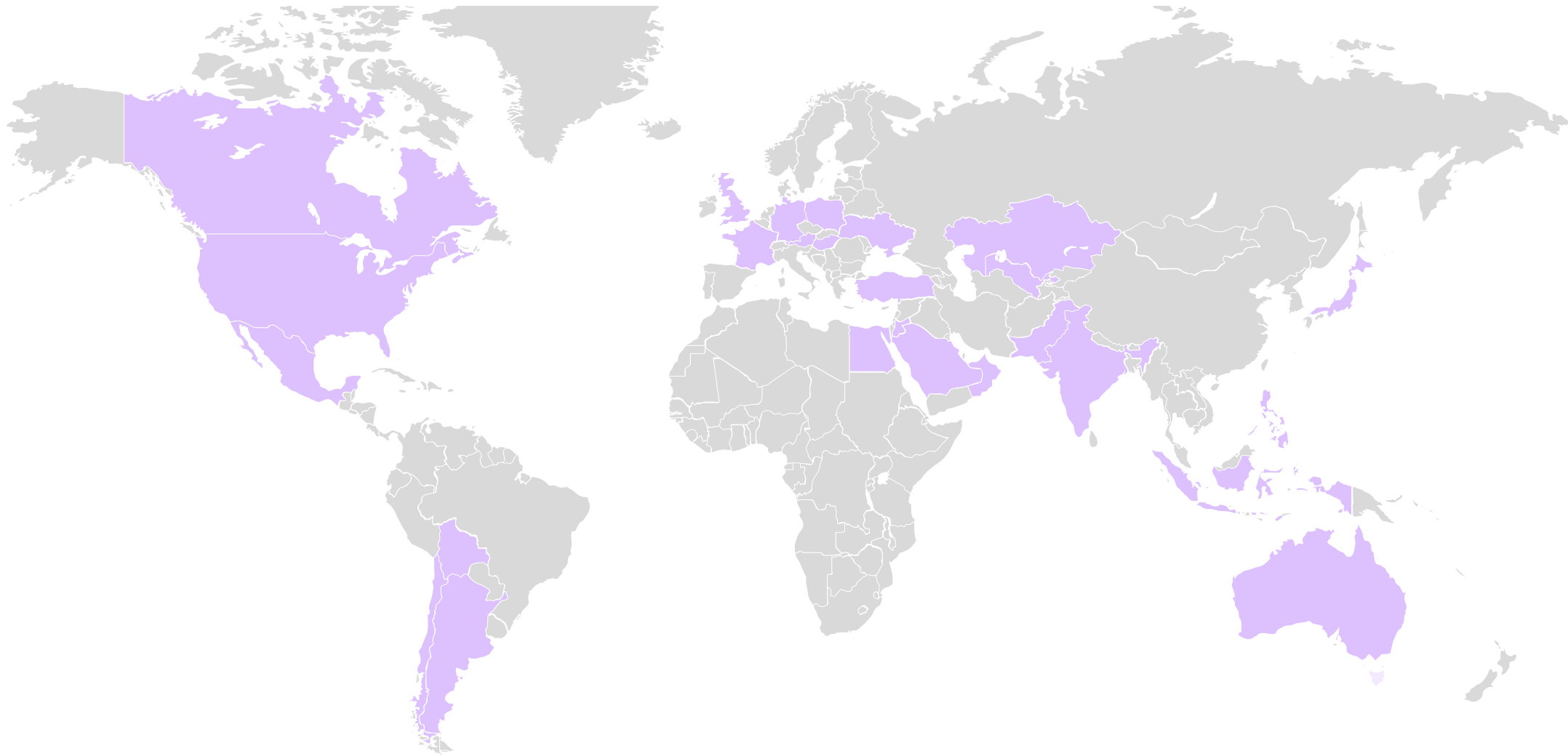
Lilac has tackled global opportunities across salars, oilfields, recycling, and refining.



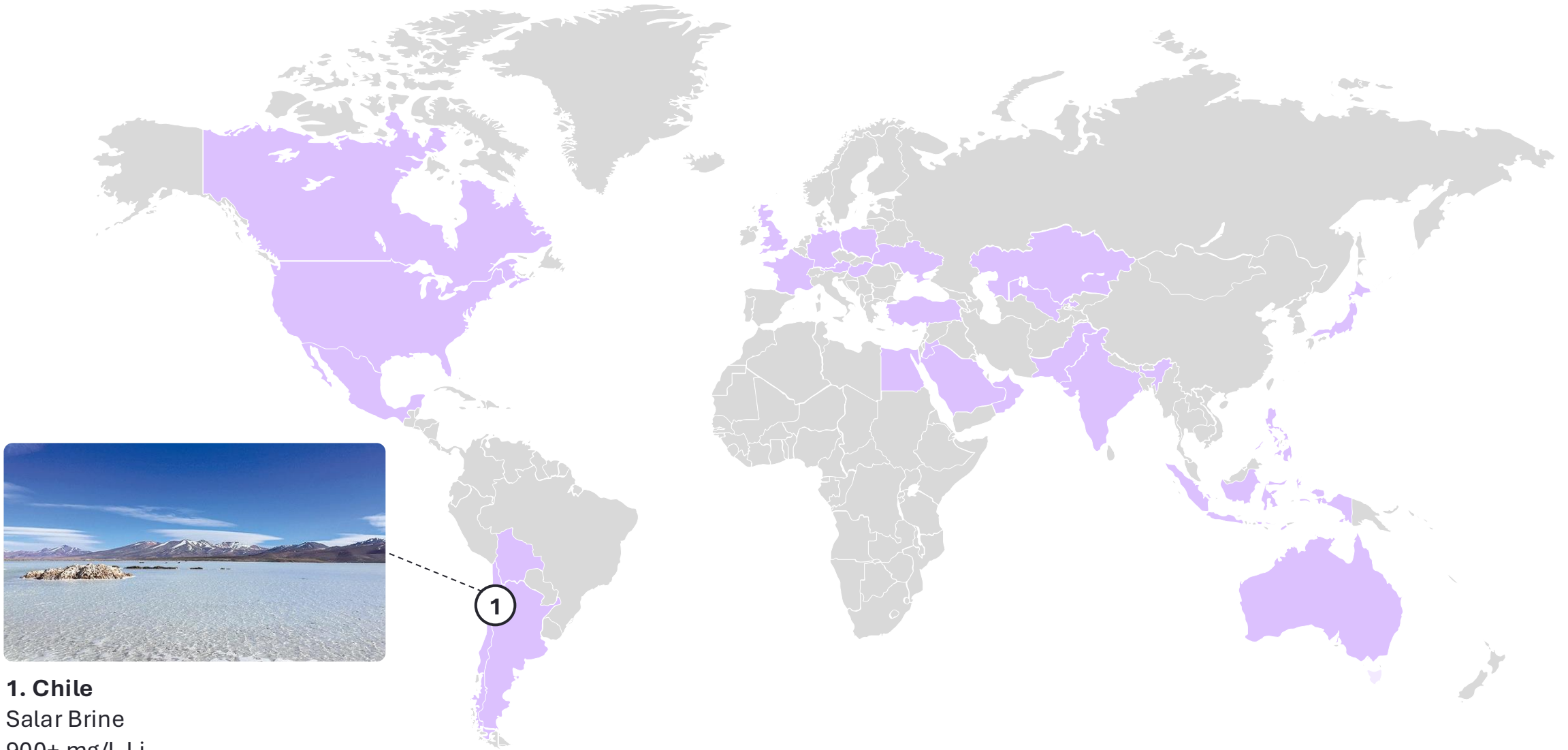
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Lilac customers span highly diverse lithium resources



Lilac customers span highly diverse lithium resources



1. Chile
Salar Brine
900+ mg/L Li



2. Middle East
Oil/Gas Field
300+ mg/L Li

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3. Indonesia
Geothermal
53 mg/L Li

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Refinery Waste Stream
2,500+ mg/L Li

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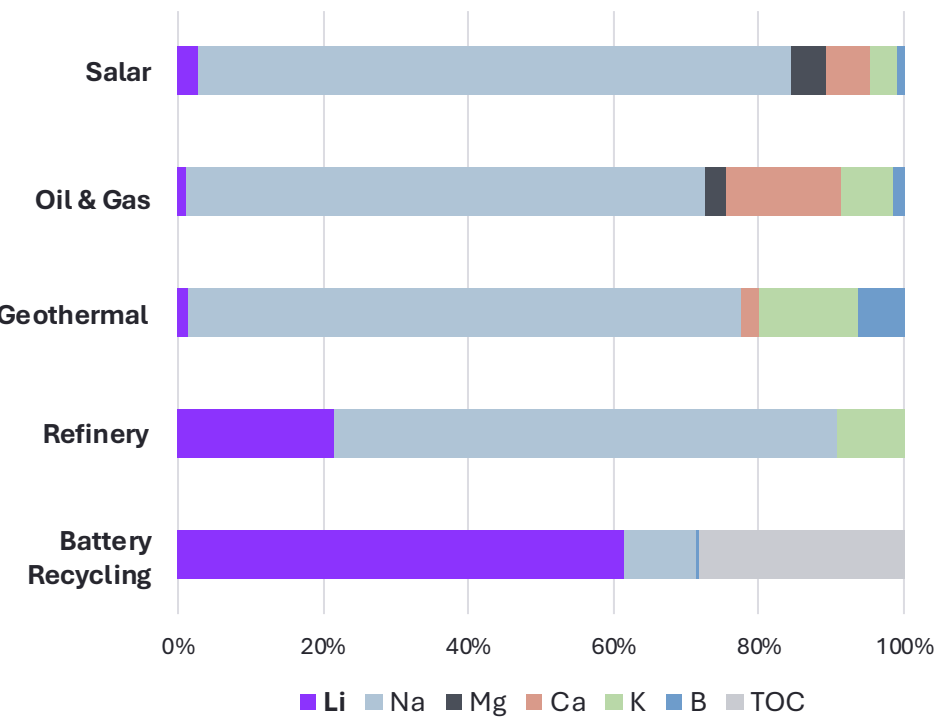
Diversity in:

- ✓ Geography
- ✓ Source
- ✓ Lithium Grade
- ✓ Impurities

Diverse Brines In, High-purity Lithium-rich Eluate Out

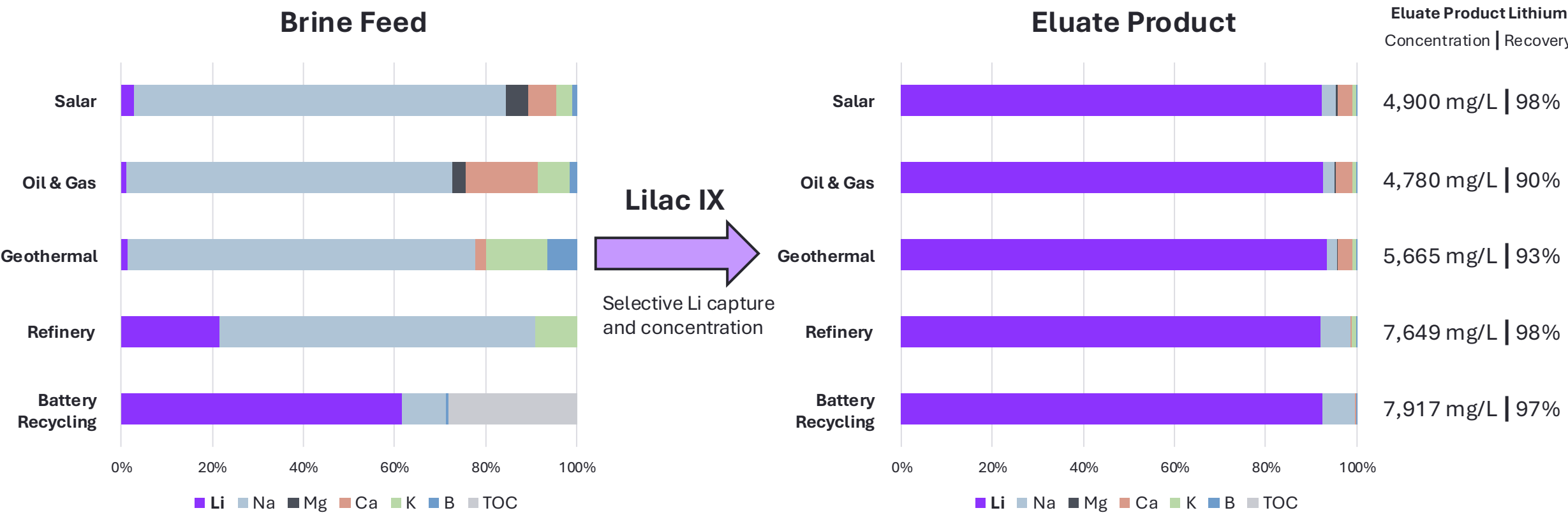
Despite major differences in source, lithium grade, and impurity profile, Lilac consistently produces a high-purity, concentrated, lithium-rich eluate with high recovery – simplifying downstream conversion.

Brine Feed



Diverse Brines In, High-purity Lithium-rich Eluate Out

Despite major differences in source, lithium grade, and impurity profile, Lilac consistently produces a high-purity, concentrated, lithium-rich eluate with high recovery – simplifying downstream conversion.



Lithium extraction technology for
any brine, anywhere.



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