

ENERGYX

CHILE LITHIUM CONFERENCE PRESENTATION
Q3 2023



DISCLAIMER

OF FORWARD LOOKING STATEMENTS

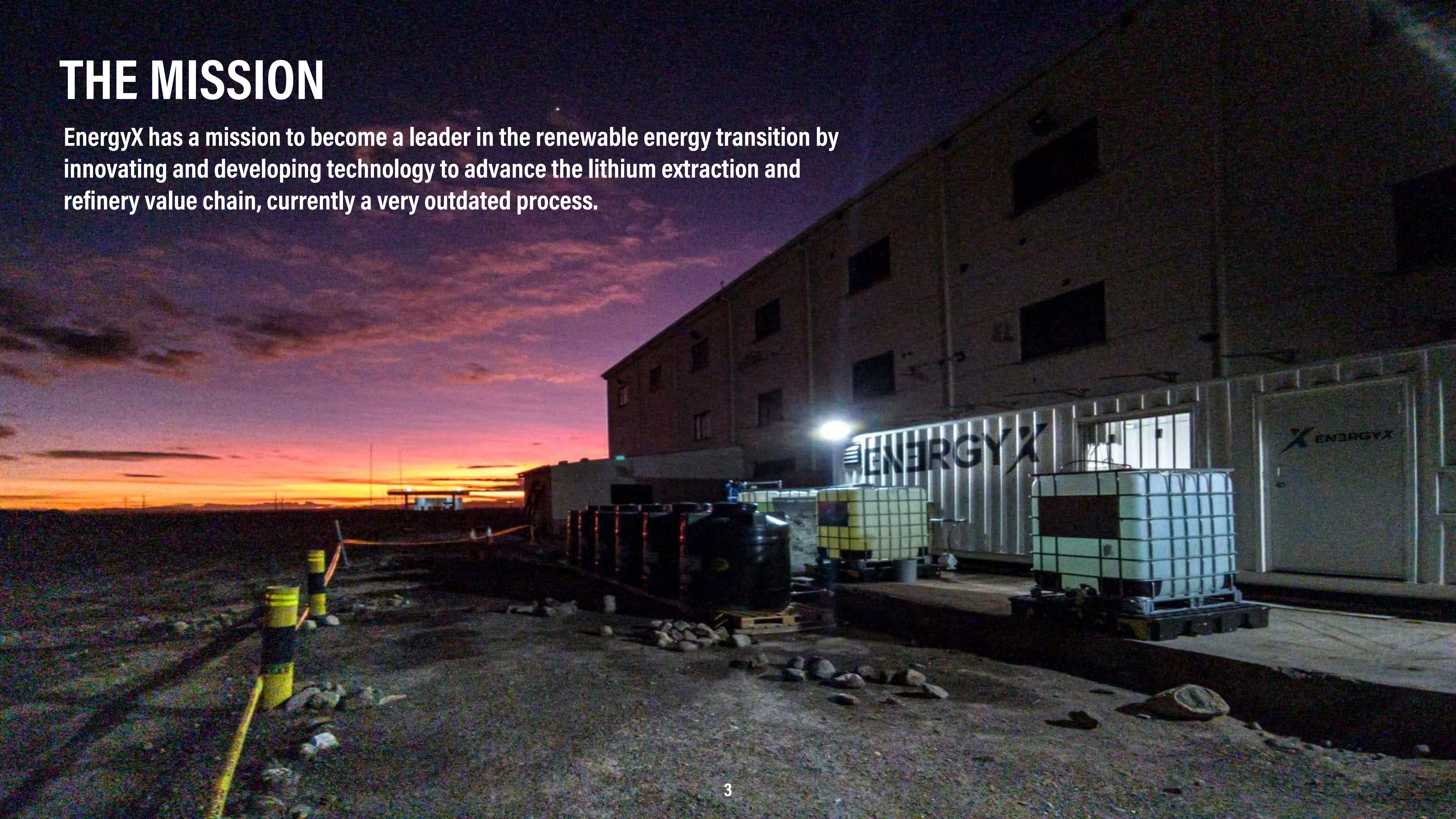
This presentation and all other related investment materials (“Materials”) have been prepared by Energy Exploration Technologies, Inc. (“EnergyX”) and may contain forward-looking statements that may or may not be identified by words such as ‘may’, ‘could’, ‘believes’, ‘estimates’, ‘targets’, ‘expects’, or ‘intends’ and other similar words that involve risks and uncertainties. These statements are based on an assessment of past and present economic and scientific operating conditions, and on a number of assumptions regarding future events and actions that, as of the date implemented into the Materials, can reasonably be expected to take place. Such forward-looking statements are not guarantees of future performance and involves a high degree of known and unknown risks, uncertainties, assumptions and other important factors many of which are beyond the control of the Company, its Directors and management. It is understood that EnergyX is a scientific endeavor, which inherently operates in novel discovery, and there always exists a possibility of unknown next steps, nonreplicable tests and/or results, and difficult hurdles or obstacles with no clear path forward. Although the Company believes that the expectations reflected in, and the assumptions underlying the forward looking statements included in the Materials are reasonable, readers are cautioned not to place undue reliance on them, as the Company cannot give any assurance that the results, performance or achievements covered by the forward-looking statements will actually occur.

This presentation should not be considered as an offer or invitation to subscribe for or purchase any shares in EnergyX. No agreement to subscribe for securities in the EnergyX will be entered into on the basis of this presentation or any information, opinions or conclusions expressed in the course of this presentation. This presentation is not a prospectus, product disclosure document or other offering document under Puerto Rican or United States Federal law or under the law of any other jurisdiction. It has been prepared for information purposes only and does not constitute an offer or invitation to apply for any securities, including in any jurisdiction where, or to any person to whom, such an offer or invitation would be unlawful.

To the maximum extent permitted by law, the Company and its professional advisors and their related bodies corporate, affiliates and each of their respective directors, officers, management, employees, advisers and agents and any other person involved in the preparation of this presentation disclaim all liability and responsibility (including without limitation and liability arising from fault or negligence) for any direct or indirect loss or damage which may arise or be suffered through use of or reliance on anything contained in, or omitted from, this presentation. Neither the Company nor its advisors have any responsibility or obligation to update this presentation or inform the reader of any matter arising or coming to their notice after the date of this presentation document which may affect any matter referred to in the presentation. Readers should make their own independent assessment of the information and take their own independent professional advice in relation to the information and any proposed action to be taken on the basis of the information.

THE MISSION

EnergyX has a mission to become a leader in the renewable energy transition by innovating and developing technology to advance the lithium extraction and refinery value chain, currently a very outdated process.



ENERGYX OVERVIEW & NUMBERS

\$50m Series B; \$450m Committed

Strategic Investors including General Motors

1 LiTAS™ Pilot Plant Deployed to Bolivia in 2022

Ran for 3500 hours of continuous operation

4 Demonstration Plant Test Beds planned for 2024

TRL 8 Validation of major customers in North and South America

5 DLE & Refinery Technologies in LiTAS™ Portfolio

Membranes, Solvent Extraction, Ion Adsorption, Li Metal, LiOH Conversion

Nearly 100 Patents¹

Extensive Trade Secrets across Materials, Use and Process

70+ Team Members

World Class Team; Scaling to 100+ in next 12 months

40k sf Innovation Facility in Austin, TX

Housing R&D Laboratories and Pilot Manufacturing (Q1 2024)

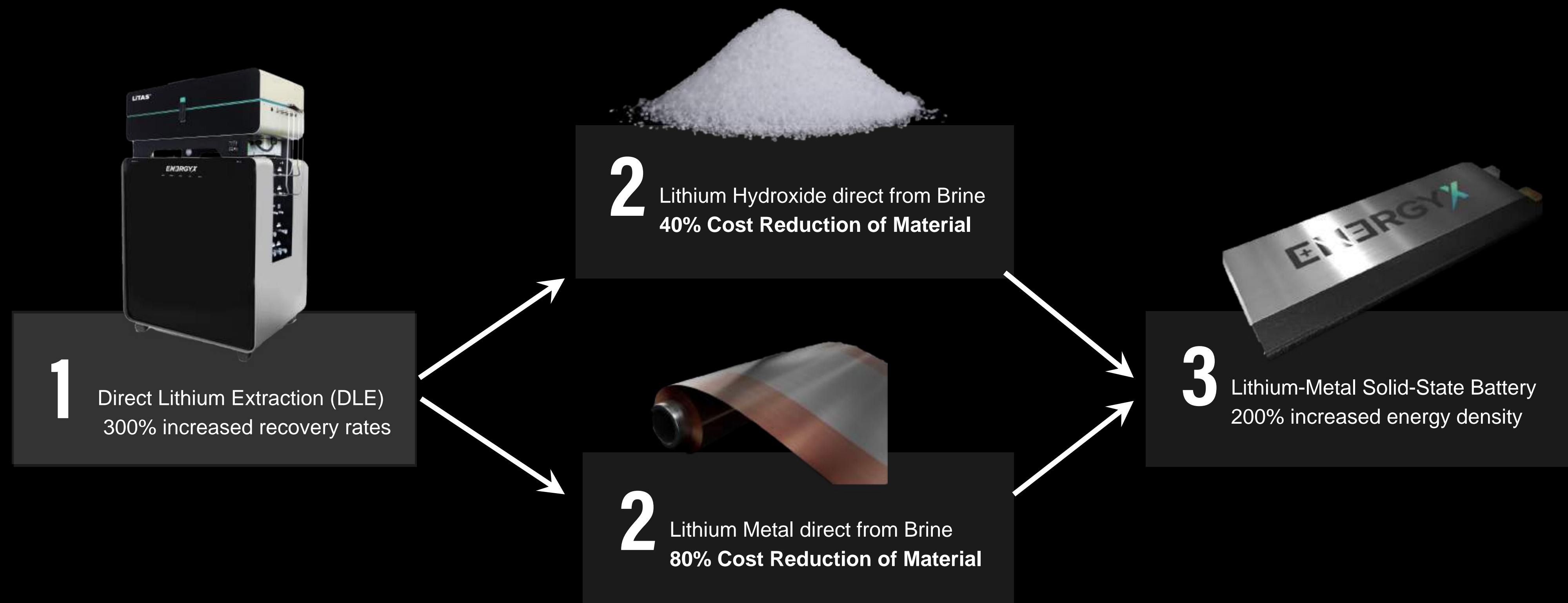


DR. JOHN GOODENOUGH AND THE ENERGYX TEAM IN 2019

¹ Patents include exclusive licensed rights, patents, and patent applications

TECHNOLOGY FROM BRINE TO BATTERY™

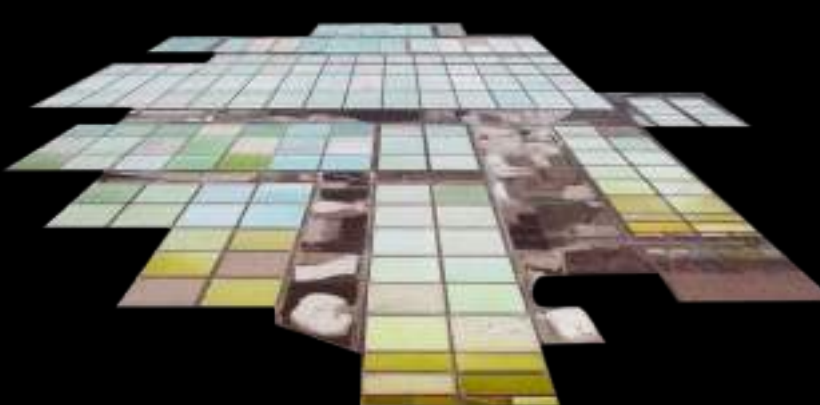

WE ARE INNOVATING THROUGHOUT THE ENTIRE LITHIUM SUPPLY CHAIN FROM “BRINE TO BATTERY™”



LiTAS™ - DIRECT LITHIUM EXTRACTION & REFINERY

EnergyX has developed breakthrough, direct lithium extraction (DLE) technology capable of nearly instant separation with high recovery rates from essentially every global brine. Our proprietary LiTAS™ technology platform includes membranes, solvents, and ion adsorption that can extract, recover, separate, and concentrate the lithium from a mixture in a solution, to create a purified, concentrated lithium product stream.

As opposed to replacing outdated methods of lithium production, such as evaporation ponds, LiTAS™ can complement the conventional ponds. This is a low capex, phased implementation, creating low risk. LiTAS™ DLE Platform for lithium extraction can also eliminate outdated production methods.

CONVENTIONAL PONDS	18 Months	TIME COMPARISON	Few days	LITAS™ DIRECT EXTRACTION
	30-40%	RECOVERY RATE COMPARISON	+90%	
	15 mile ²	FOOTPRINT	0.14 mile ²	
	High	FRESH WATER USAGE	80% Less / T	
	~\$4,200 / T	COST COMPARISON	~\$3,500 / T	



MEMBRANES

1. Suitable for operating Li producers
2. Bipolar membrane Electrodialysis allows for Direct-to-LiOH conversion
3. Complementary to any Pond or with Solvent or Adsorbent Technologies



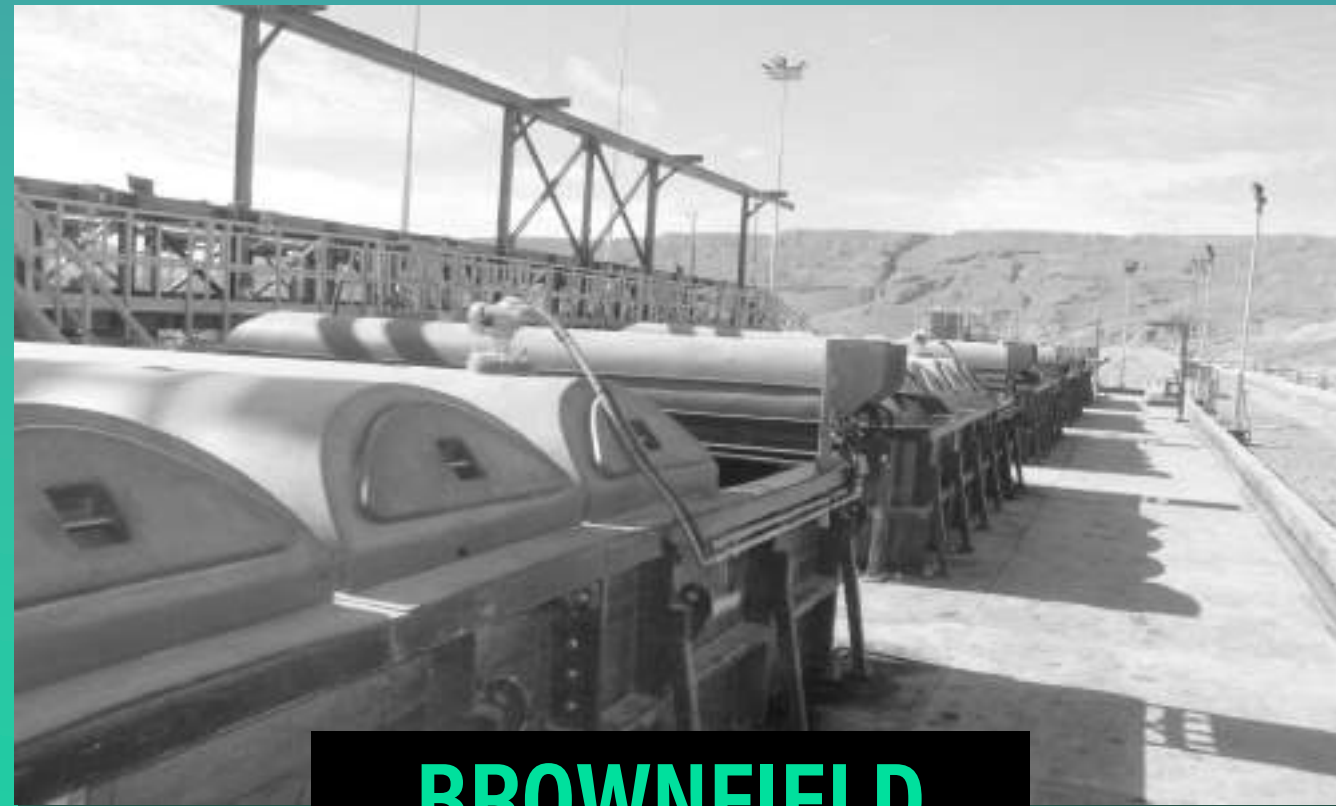
SOLVENTS

1. Suitable for greenfield (no ponds) or complementary to ponds
2. Best for medium Li concentration brines
3. Enables Direct Conversion
4. Modular, low CapEx and OpEx, maximum flexibility



ADSORBENTS

1. Suitable for greenfield (no ponds)
2. Suitable for low Li brines (50-350 ppm)
3. LITAS™ has best in class kinetics, lifecycle, and stability
4. Higher CapEx

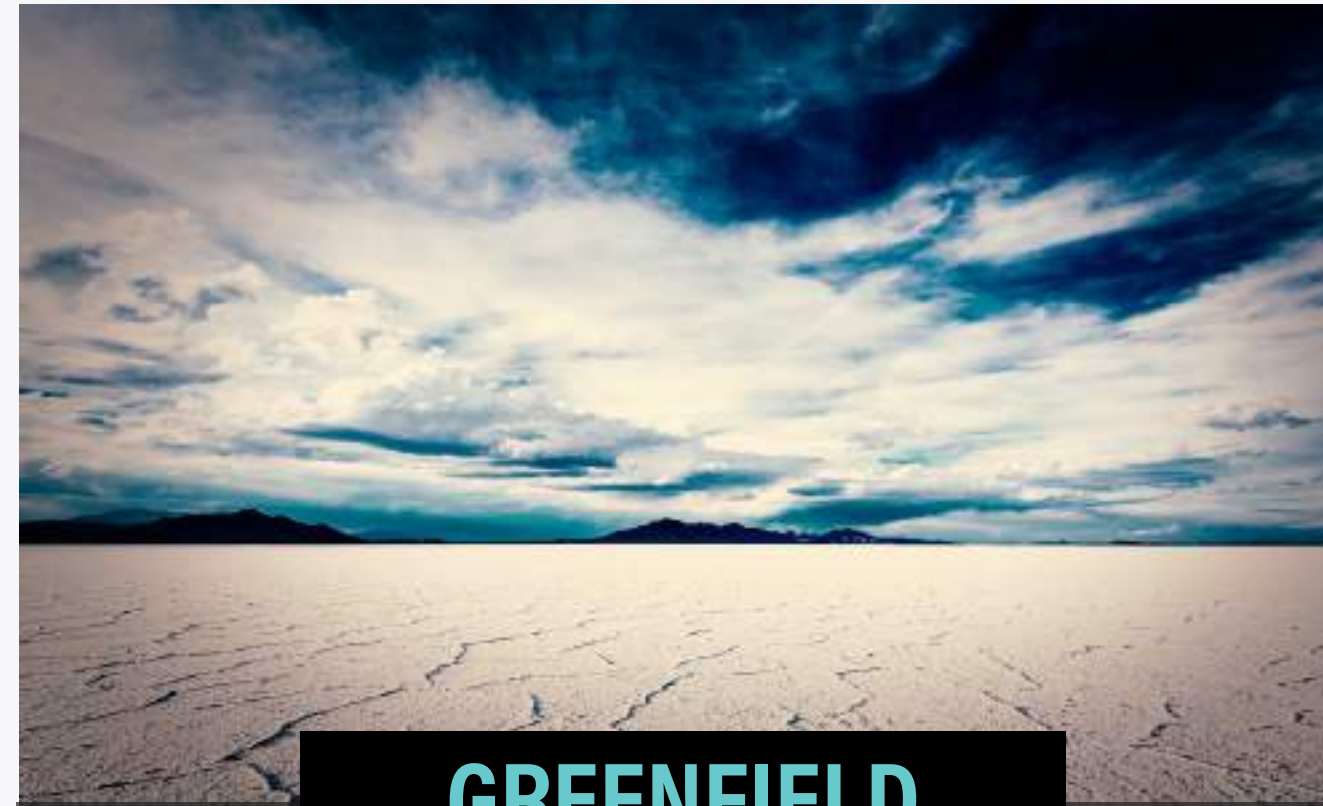


BROWNFIELD

COMPLEMENTARY TO PONDS AND EXISTING INFRASTRUCTURE

1. Maximizes existing pond investment
2. 3X Li recovery, Cleaner concentrate
Modular, low CapEx and OpEx

FIELD PILOT DEMONSTRATED



GREENFIELD

STAND ALONE DIRECT LITHIUM EXTRACTION

1. Suitable for greenfield (no ponds) or complementary to ponds
2. Enables Direct Conversion
3. Modular, low CapEx and Opex, maximum flexibility



DIRECT CONVERSION

DIRECT FROM BRINE TO LITHIUM HYDROXIDE OR LITHIUM METAL

1. Demonstrated at Pilot Scale
2. Direct lithium hydroxide production (>40% reduction in Capex and OpEx)
3. Direct Li metal production (~80% cost reduction)



Welcome to 21st Century
Direct **Lithium** Extraction



COMPETITIVE ADVANTAGE

1 DLE Portfolio of Technologies – Modular & Scalable

No single technology fits all brine types. EnergyX's portfolio of technologies encompass membranes, solvents, ion sorbents along with direct conversion technologies to provide end-to-end solutions for any brine-based customer. Technologies are designed as scalable and modular with units, fit to purpose.

2 EnergyX Complementary Approach

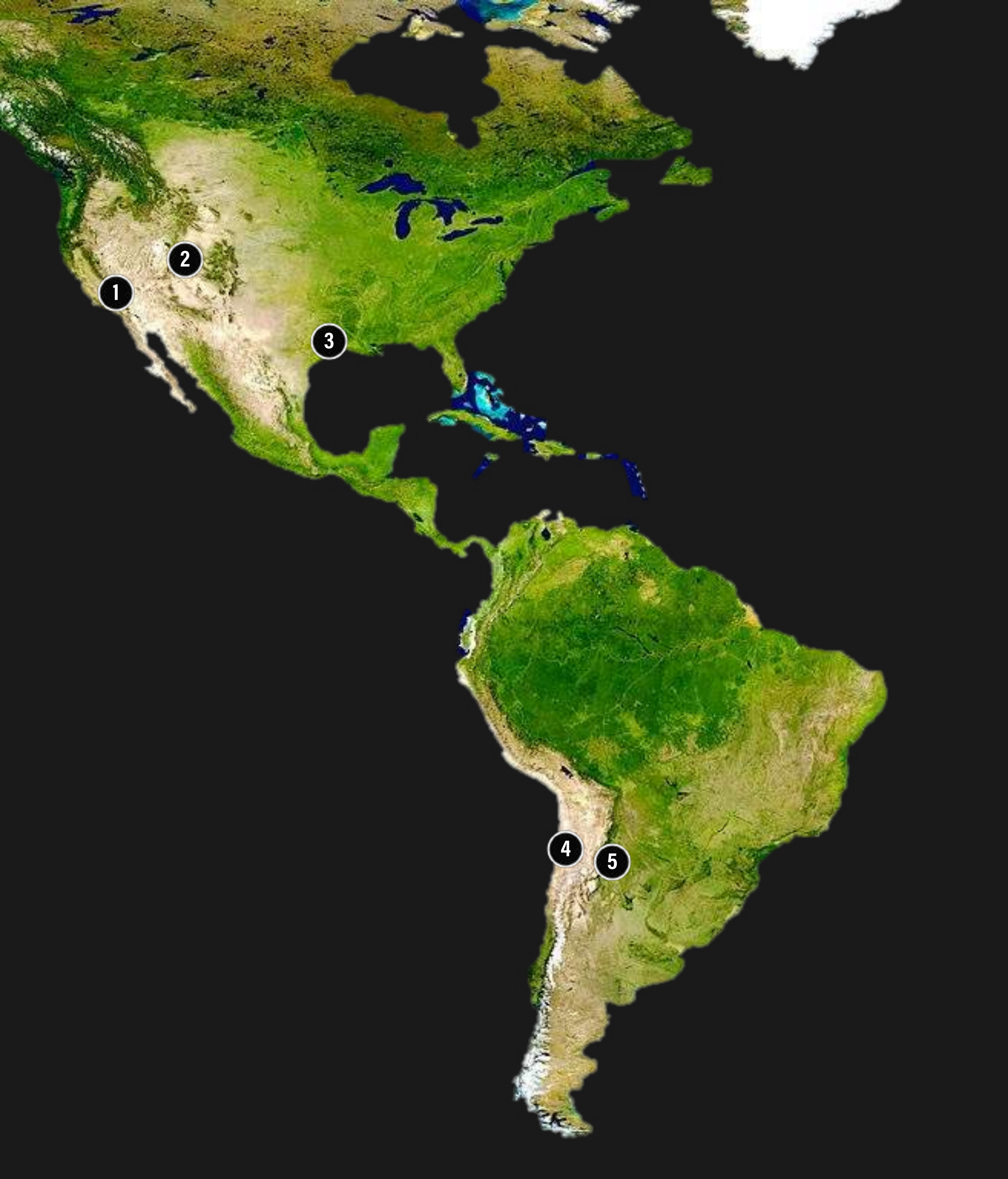
Our system costs 1/15th of competitors because of our complementary approach. Current exaction methods and competitor technologies are capital intensive (est. \$550-800m investment for 20,000 tons per year project). Results in delayed project and supply shortage

3 Our Superior Technology (Brine to Battery™)

Vertical integration in lithium-based battery materials from lithium carbonate and hydroxide to novel cathodes, lithium metal anodes and separator and electrolyte engineering to include All Solid-State Batteries. Life-cycle view includes battery materials recycle.

4 World Class Team

An unparalleled team of world experts in their respective disciplines, EnergyX has brought this domain expertise together, and cross-pollinated it with deep lithium chemistry knowledge.



DEMONSTRATION TEST BEDS

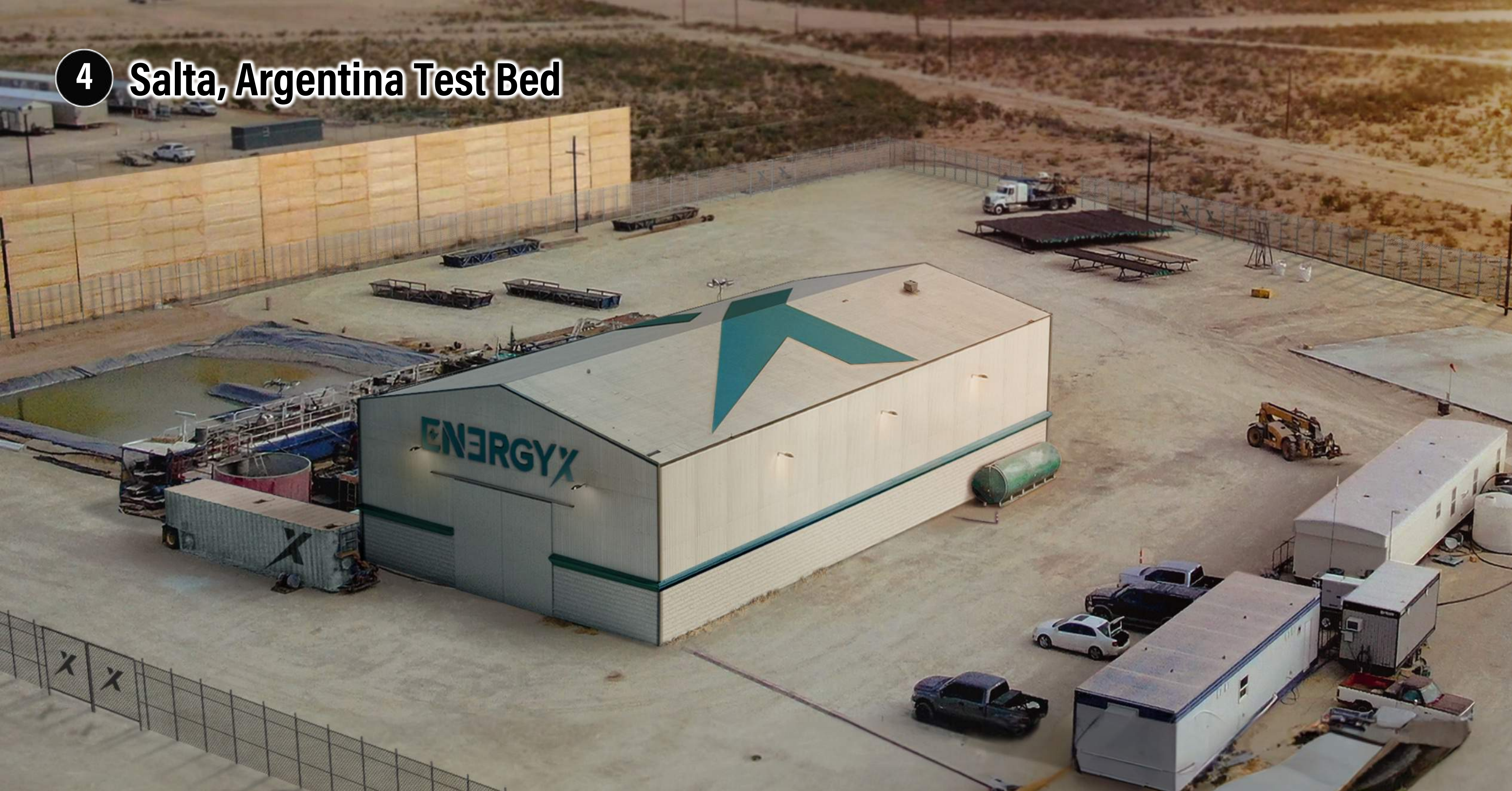
EnergyX is building several demonstration test beds in strategic locations with high customer density of high quality lithium resources. Each test bed has a target annual production capacity of 100 metric tons of LCE.

- 1** **Salton Sea, California**
Several large geothermal brine resources in the region; 150-350 ppm Li
- 2** **Great Salt Lake, Utah**
Approximately a dozen salt and chemical producers in the region;
- 3** **Smackover Formation, Arkansas**
Several bromine and chemical producers in the region; 250-450 ppm Li
- 4** **Antofagasta, Chile**
Near the largest lithium brine producers in the world; 1000-1800 ppm Li
- 5** **Salta, Argentina**
Highest customer density of lithium producers globally; 450-800 ppm Li

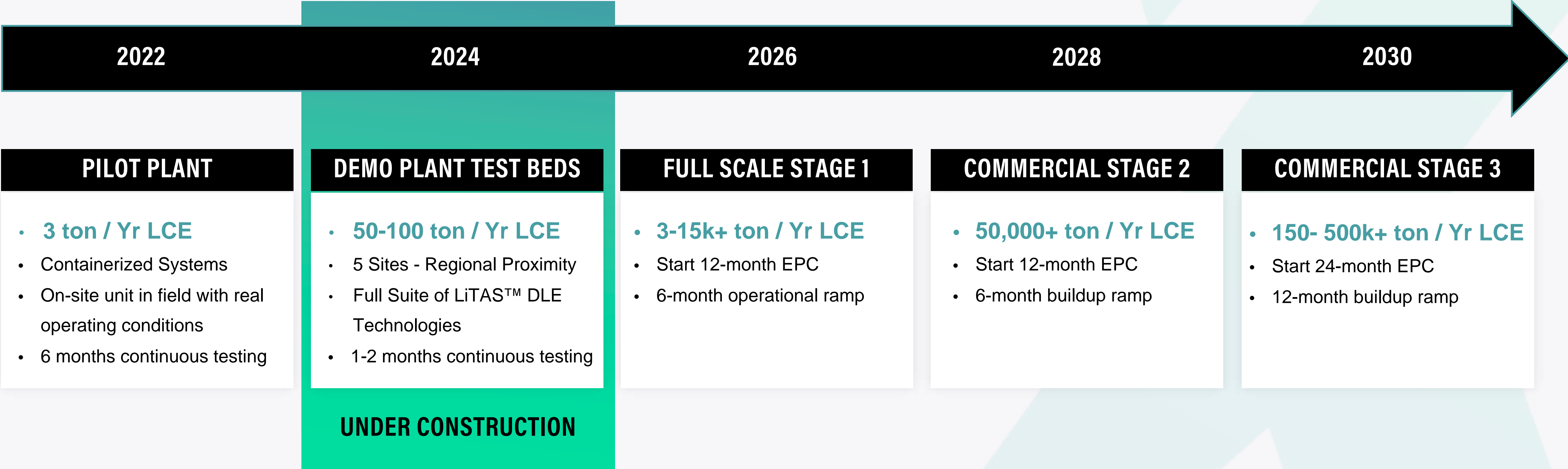
3 Antofagasta, Chile Test Bed



4 Salta, Argentina Test Bed



LiTAS™ PROJECT ROADMAP





For questions, contact teague@energyx.com

Energy Exploration Technologies has a mission to become a worldwide leader in the global transition to sustainable energy.

www.energyx.com