

# Proposed Strategic Lithium Acquisition and Rights Issue

to raise up to  
A\$46,000,000 (approx).



July 2023



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This presentation has been prepared by Xantippe Resources Limited (“Company”) in connection with the Company’s proposed offer of new fully paid ordinary shares (New Shares) pursuant to a 4 for 1 renounceable Entitlement Offer to certain eligible shareholders at an issue price of \$0.001 per New Share (**Entitlement Offer**). The Entitlement Offer is being made to eligible shareholders of the Company under section 708AA of the Corporations Act (as modified by ASIC Corporations (Non-Traditional Rights Issues) Instrument 2016/84). This presentation is not, and should not be considered an offer or invitation to acquire securities in the company or any other financial products. Any decision to purchase New Shares in the Entitlement Offer must be made on the basis of the information to be contained in the separate offer booklet to be issued to eligible shareholders as lodged on the ASX. Any eligible shareholder who wishes to participate in the Entitlement Offer should consider the offer booklet in deciding to apply for New Shares. Anyone who wishes to apply for New Shares under the Entitlement Offer will need to apply in accordance with the instructions contained in the offer booklet and the entitlement and acceptance form. This presentation does not purport to contain all the information that a prospective investor may require in connection with any potential investment in the Company. You should not treat the contents of this presentation, or any information provided in connection with it, as financial advice, financial product advice or advice relating to legal, taxation or investment matters. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this presentation. This presentation is provided expressly on the basis that you will carry out your own independent inquiries into the matters contained in the presentation and make your own independent decisions about the affairs, financial position or prospects of the Company. The Company reserves the right to update, amend or supplement the information at any time in its absolute discretion (without incurring any obligation to do so). To the maximum extent permitted by law, none of the Company its directors, employees or agents, advisers, nor any other person accepts any liability, including, without limitation, any liability arising from fault or negligence on the part of any of them or any other person, for any loss arising from the use of this presentation or its contents or otherwise arising in connection with it. This presentation is not an offer, invitation, solicitation or other recommendation with respect to the subscription for, purchase or sale of any security, and neither this presentation nor anything in it shall form the basis of any contract or commitment whatsoever.

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This presentation also contains reference to certain intentions, expectations, future plans, strategy and prospects of the Company. Those intentions, expectations, future plans, strategy and prospects may or may not be achieved. They are based on certain assumptions, which may not be met or on which views may differ and may be affected by known and unknown risks. In particular, there is a risk that the Company will not be able to expand or upgrade its existing JORC resource. The performance and operations of the Company may be influenced by a number of factors, many of which are outside the control of the Company. No representation or warranty, express or implied, is made by the Company, or any of its directors, officers, employees, advisers or agents that any intentions, expectations or plans will be achieved either totally or partially or that any particular rate of return will be achieved. Given the risks and uncertainties that may cause the Company’s actual future results, performance or achievements to be materially different from those expected, planned or intended, recipients should not place undue reliance on these intentions, expectations, future plans, strategy and prospects. The Company does not warrant or represent that the actual results, performance or achievements will be as expected, planned or intended.

# CAPITAL RAISING TO FUND STRATEGIC GROWTH

**Xantippe Resources Limited (ASX: XTC) (the Company)** is pleased to advise that it is undertaking a renounceable entitlement offer to raise up to AUD\$45.9 million. The purpose of this capital raising is to fund growth through the proposed acquisition of a strategic lithium project and fund exploration programs. It will also be used to initiate a lithium technology, logistics & supply chain operation, plus working capital.

Eligible Shareholders will be given the opportunity to acquire four (4) New Shares for every (1) fully paid ordinary shares in the Company (**Shares**) held at the record date, at an issue price of 0.1 cents per New Share (**Entitlement Offer**).

All XTC Directors who are shareholders intend to participate in the Entitlement Offer.

XTC's Executive Chairman John Featherby said: "with the appointment of Roth Capital Partners LLC as strategic advisors, operations and relationships now established in Argentina and a core team in place , XTC is looking to capitalise on its strategic position within the Latin American Lithium potential. It is an exciting time for the company."



# INDICATIVE TIMETABLE

Wednesday  
26-Jul-23

Ex date. Entitlement trading commencement on a deferred settlement basis.

Thursday  
27-Jul-23

Record date to identify security holders entitled to participate in the Entitlement Offer.

Tuesday  
1-Aug-23

Dispatch offer document to eligible shareholders. Entitlement Offer opens.

Thursday  
3-Aug-23

Entitlement trading ends at close of trading.

Thursday  
10-Aug-23

Offer closes at 5pm.

Thursday  
17-Aug-23

Announcement of results of Entitlement Offer and issue of New Shares

Dates are indicative only and are subject to change. The Company reserves the right, subject to the Listing Rules, to amend this Indicative Timetable



## PROPOSED USE OF PROCEEDS

Use of proceeds of USD \$31.5 million using an Exchange Rate of \$0.686 (AUD \$45.9 million)

1	Argentina Lithium asset exploration (Carachi)	US \$1m
2	Acquisition of interest in New 3Q area (Note 1)	US \$5m
3	XTC Lithium Technology development	US \$3m
4	XTC Lithium Logistics/supply chain	US \$3m
5	XTC Lithium development studies	US \$1m
6	Fees and expenses/costs of offer (Note 2)	US \$2m
7	Vendor Payments (Carachi)	US \$4m
8	XTC Australian Lithium exploration	US \$500,000
9	Working capital Latin America/Australia	US \$7m
10	Future potential Lithium project acquisitions	US \$3m
11	Marketing and promotion	US \$2m
		<b>TOTAL US \$31.5m</b>

Note 1 - The Company has entered a non-binding proposal to acquire a 25% interest in these tenements. Further information is included below.

Note 2 – Including ASX listing fees, registry and legal fees and an allocation for potential capital raising fees in the event there is any shortfall and the Company pays any usual commissions in respect of the placement of any shortfall (in the event there is no shortfall, this will be reallocated towards working capital).



# XANTIPPE INVESTMENT OPPORTUNITY

We are a lithium explorer and developer focussed on Brine projects in Argentina and Hard Rock projects in Australia



## Exceptional Land Position

Highly prospective packages being developed in both Argentina and Australia



## High Quality Lithium Projects

Access to top tier, scalable, diversified, rich sources of lithium brine



## Strong In-Country Team

One of the best teams of professionals with vast lithium experience, coupled with excellent political relationships at provincial and federal levels



## Best of Class Technologies

Local team that developed the process for 2 new assets coming into production in 2023

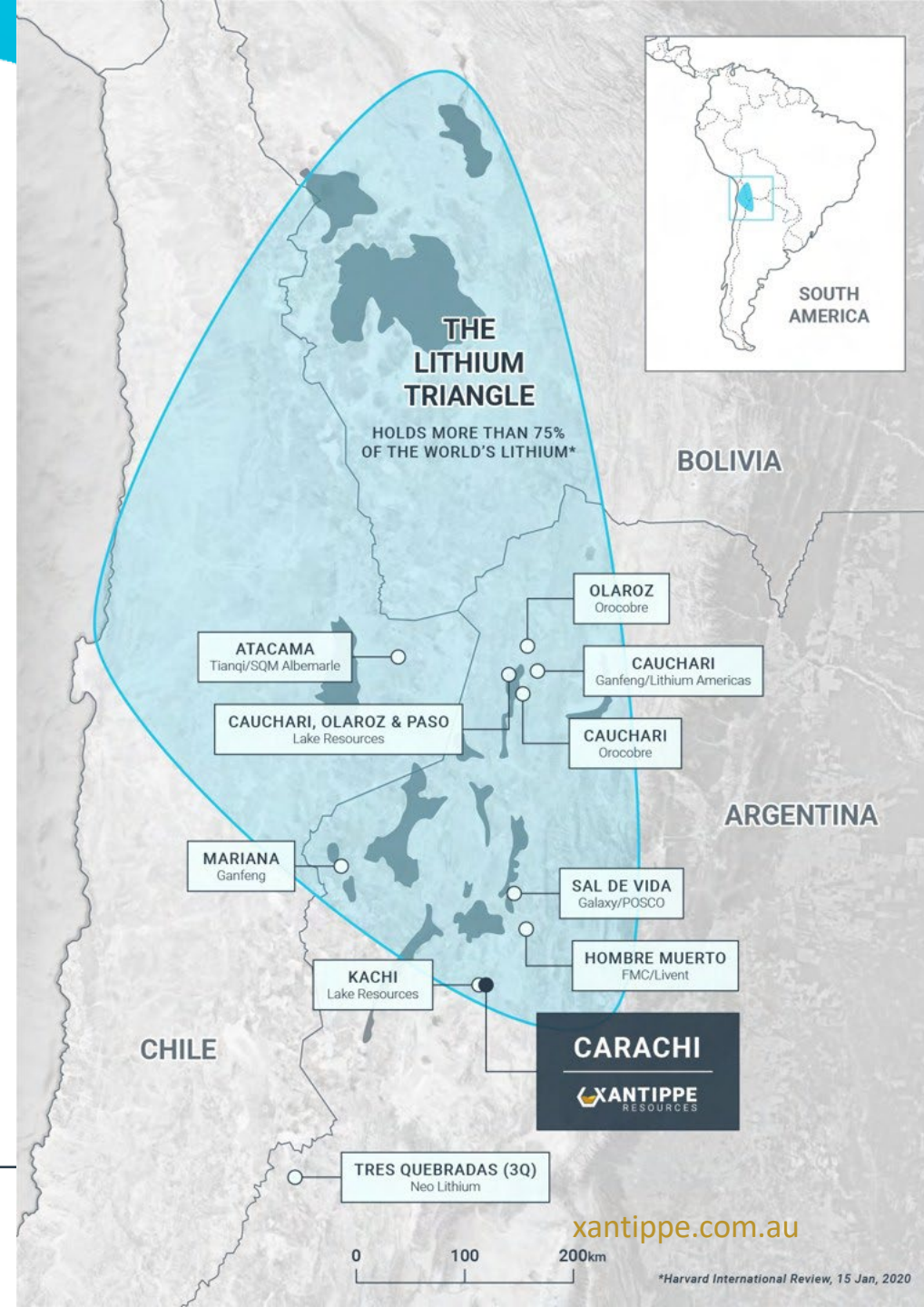




# CARACHI LITHIUM PROJECT

## Exceptional land position in the heart of the Lithium Triangle

- Xantippe tenements are located in Argentina in the heart of the renowned Lithium Triangle comprising Argentina, Chile and Bolivia
- The Lithium Triangle has the world's largest concentration of Lithium brines
- At present XTC owns 8 tenements over land totaling 21,900Ha (21.9 km<sup>2</sup>)
- Considerable upside - XTC is located proximal to lithium brine explorer and developer, Lake Resources (ASX: LKE; A\$600 M mkt cap<sup>1</sup>)



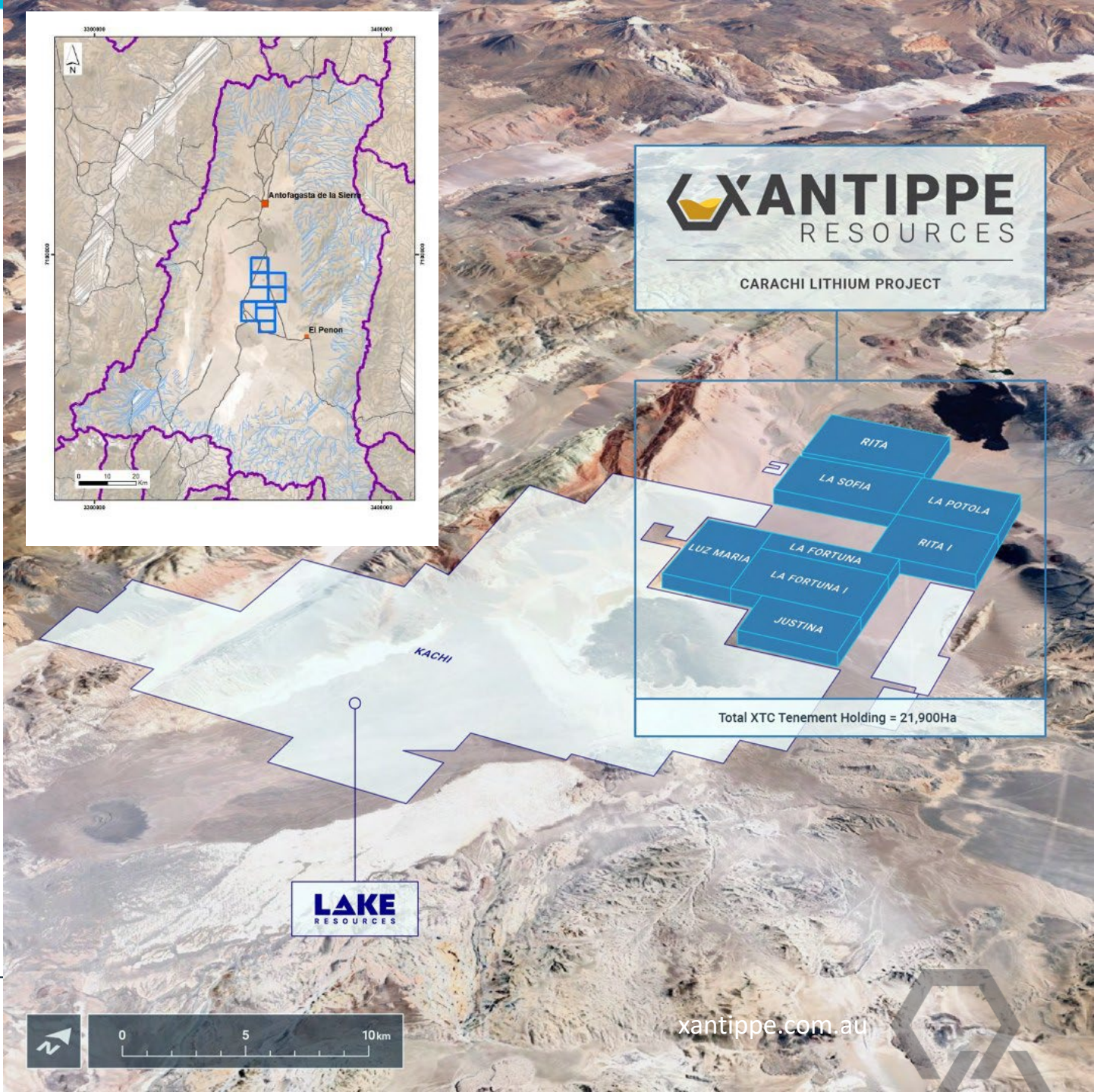




# LAND POSITION ARGENTINA

XTC has 8 tenements totalling 21,900 Ha  
Rita, Rita1, La Sofia, Luz Maria, Justina,  
La Fortuna, La Fortuna 1 and La Potola

- Geophysics show potential for these properties to host the deepest part of the salar. At depth the potential for a hyper saline brine is greater
- Fresh water available on surface, should the process chosen require such type of water
- Central position and Deepest point in the water basin





# PROPOSED STRATEGIC LITHIUM ACQUISITION

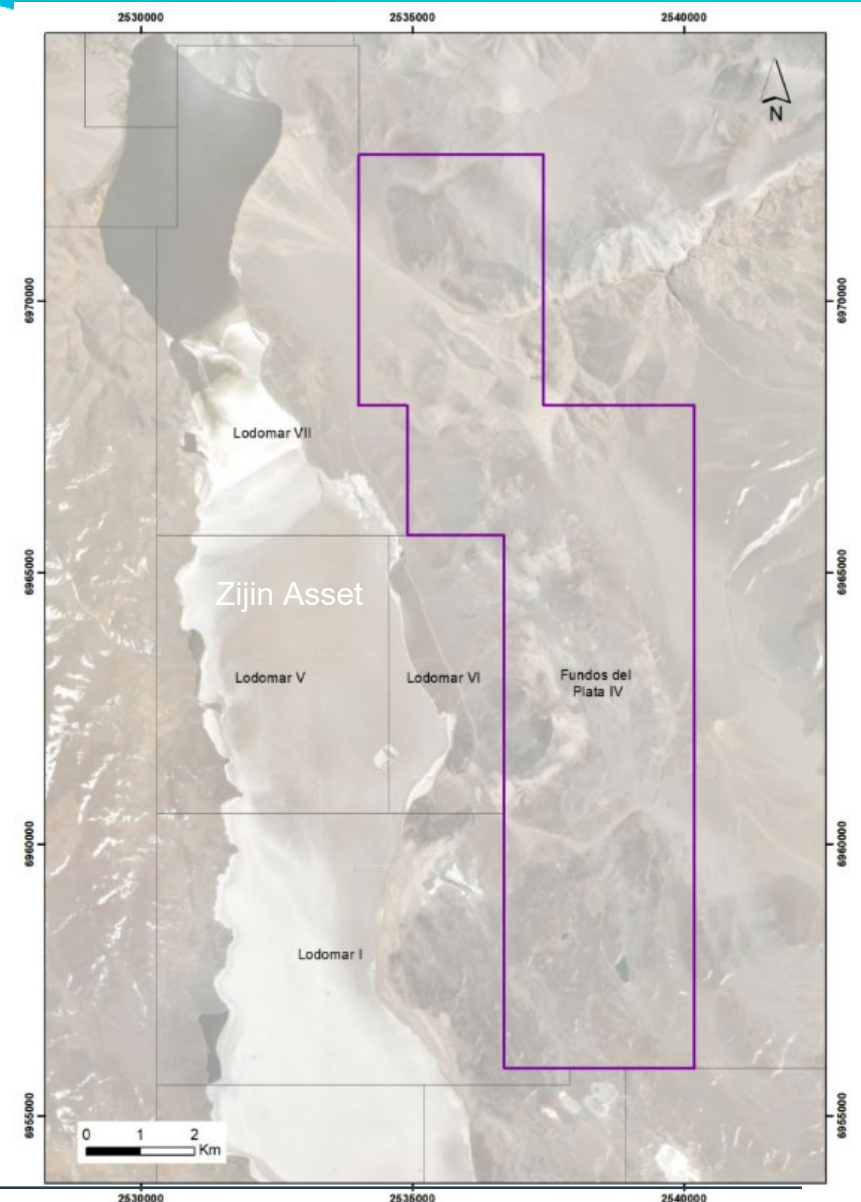
## Catamarca, Argentina

The Company has entered into a non-binding proposal with Minera Collasuyo to acquire a 25% interest in the Fundos del Plata Properties, located beside Neo Lithium – Zijin Asset in Catamarca, Argentina (6274 ha), for cash consideration of USD \$5,000,000 (**Proposal**).

The Proposal is conditional on completion and execution of binding documentation, due diligence and other conditions precedent (including all necessary regulatory approvals), and as such there can be no certainty that the Proposal will result in a transaction. The Company has secured a two month exclusivity period to finalise its due diligence and negotiate binding documentation. The Company will continue to keep the market informed of the progress of the Proposal in accordance with its continuous disclosure obligations.

### Highlights of the Proposal:

- Tenements are positioned alongside (East - see map) of the 3Q project currently under development by Zijin Mining, a significant Lithium brine project that was acquired from Neo Lithium in 2021/22 for approximately A\$1B.
- Exciting exploration potential, led by Gabriel Pindar and Ex Neo Lithium team.
- The Company continues to consider and assess opportunities to expand Lithium tenement footprint in this highly prospective region.



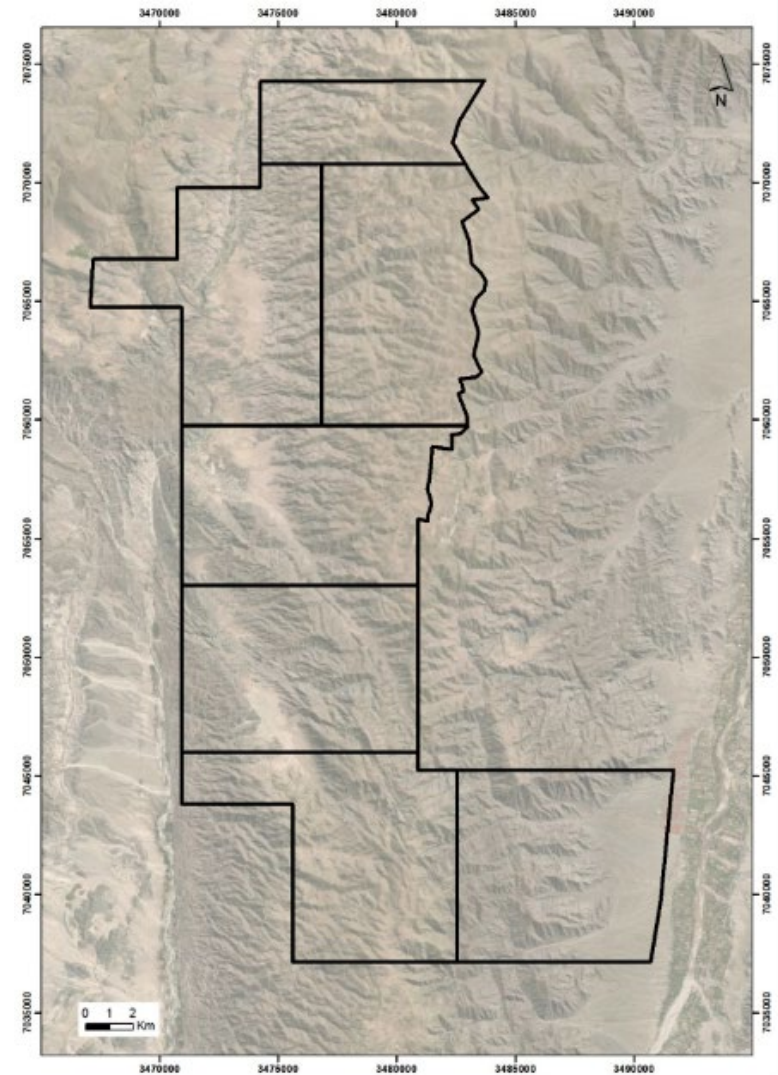


# PROPOSED STRATEGIC LITHIUM ACQUISITION

## Continued

Advanced grassroots exploration and/or negotiations with other owners to secure further assets in the neighbouring regions

- Lithium Grassroots exploration is relatively inexpensive and has no acquisition costs, but requires a team of professionals, equipment and knowledge of commercial processes to understand viability.
- XTC has also identified 3 different areas for grassroots exploration that are highly prospective



Zijin 3Q project





# STRONG IN-COUNTRY PRESENCE



## Local management

- XTC is opening the largest Lithium Project Office in the province of Catamarca. With an expert team covering Environment, Community, Permits, Geology and drilling management, Processing, Piloting, Lab Testing, Studies and Projects.



## Local partners

- We consider local land owners, businesses, neighbouring communities and the government our partners, in the development of every project.



## Highly professional local team

- Led by Gabriel Pindar, Hugo Barrientos, Claudio Suarez, Florencia Cambeses, and others. This team has already delivered not 1, but 2 mines in the region that will start production in the next few months.







# INVESTING IN CLEAN TECHNOLOGY

Producing sustainable  
lithium to meet global  
demand

XTC's team has shown that lithium can be processed in a more time-efficient and environmentally responsible way if the correct technology is used at each step of the process. There is no one technology better than other. We develop the process that best suits the chemistry of each salar based on the environmental constraints present in each region.

To achieve this, the company is opening one of the most advanced lithium research facilities in country.

## Our objectives always include:

- Water conservation
- Footprint reduction
- Energy optimisation
- Chemical reduction and optimisation
- Improvement of recovery cycles
- Environmental consideration for waste
- XTC will be conducting preliminary assessment of all commercial technologies for the Carachi Project as well as all alternatives (mining properties) considered for partnership







# EXPERIENCED MANAGEMENT TEAM



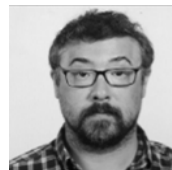
## Gabriel Pindar

CHIEF OPERATING OFFICER

Mr. Pindar has 28 years' experience as a Project Executive in the development of mining projects and large scale infrastructure in Argentina, Peru, Mexico, Australia, Canada, West Africa and the United Kingdom.

He was one of the founders of Neo Lithium Corp.; created in 2017 and sold to Zijin Mining in 2022.

He has sat on numerous boards and steering committees successfully engaging delivery teams for large scale projects.



## Claudio Suarez-Authievre

VP PROCESSING & TECHNOLOGY

Claudio Suarez-Authievre is a Ph.D. Phys-Chem., B.Sc. Chem. with industrial and academic experience in continental brine processing.

Dr. Suarez-Authievre is an expert in electrolysis, photo-electrochemistry and electro-catalysis research with 19 years of experience in the abovementioned fields. He worked for SQM as Process Researcher and developed the process for Lithium Americas corp. in the Cauchari Salar. He was the co-inventor with Waldo Perez of the proprietary lithium extraction process in Cauchari and developed the processing technology applied and tested for Neo-Lithium's 3Q project.



## Hugo Barrientos

VP STUDIES & PROJECTS

Hugo Barrientos is a Mech. Eng., with a Management Strategy Diplome.

Mr Barrientos was the Engineering Project Manager for all phases and studies at the Cauchari Salar (Lithium Americas, Minera Exar) and Chief Project Engineer in Atacama Salar for SQM. He led the studies for LPI, Minera Salar Blanco and Neo-Lithium's 3Q project in Chile and Argentina respectively.



## Florencia Cambeses

VP ENVIRONMENT & COMMUNITY

Florencia Cambeses is a mining Technician with 20 years experience in Mine Planning Control, Drill and Blasting controls and later in her work life Environment.

Florencia started working for the Mining Secretary of The Catamarca Province controlling waste dumps, progressing into special projects and ending as Advisor to the Cabinet on all Environmental matters.

Florencia worked as a Manager for Environment and community in companies like Liex SA (Neo Lithium); Yamana Gold, SEIMCAT and Zijin Mining.





# HIGH QUALITY BOARD & MANAGEMENT



**John Featherby**  
EXECUTIVE CHAIRMAN

Mr Featherby has extensive experience in the stockbroking and wealth management industry. Mr Featherby joined Hartley Poynton (now Euroz Hartleys) in 1987, and his skills in securing finance, corporate relations and business development will be integral to the Company's future development.



**Carolina Arecco**  
NON-EXECUTIVE DIRECTOR

Ms Carolina Arecco is Argentinean and she is currently the Commercial Director of Arecco Ingenieria SA. Carolina has experience in managing American companies, where she has successfully opened a number of new markets particularly in business development for markets in Argentina, Chile, and Spain. Over the past two decades Carolina has successfully played a substantial role in the coordination of the natural gas network in Brazil together with Arecco's strategic partner, British Gas.



**Carlos Arecco**  
NON-EXECUTIVE DIRECTOR

Mr Carlos Arecco is one of the most respected and successful businessmen in Argentina. His company Arecco Ingenieria (AISA) was founded in 1979, and since then Carlos has built a major private conglomerate in the fields of water, gas, industrial installations, airports, communications and the naval industry. Carlos has presided over the Bahia Blanca Stock Exchange for 40 years, is on the board of the Buenos Aires Argentina Stock Exchange; and a Director of the Argentine Chamber of Commerce. represents Argentina in Mercosur at the European Union.



**Juan Manuel Santos**  
NON-EXECUTIVE DIRECTOR

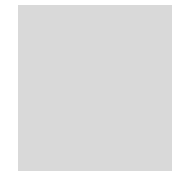
Mr Juan Manuel Santos is Director of Catamarca Operations. Juan studied management of agro-industrial companies. He's General Manager of Grupo Santos which is a group of companies with activities in logistics, soft drinks industry, citrus producer and exporters, mining, construction and real estate. Juan is President of Unaje (Argentine Chamber of Young Entrepreneurs). He has an excellent relationship with government and assists companies to export. He works with communities on many project's seeking generate a positive impact on society.



**Kevin Lynn**  
NON-EXECUTIVE DIRECTOR,  
CFO & COMPANY SECRETARY

Mr Kevin Lynn is a Chartered Accountant with over 35 years experience in private, public and public listed companies, particularly within the mining and oil & gas sectors. He had held various roles including as a director, chief financial officer and company secretary.

Mr Lynn holds a Master of Finance and is a Fellow of FINSIA and the Australian Institute of Company Directors.



**Matthew Beem**  
NON-EXECUTIVE DIRECTOR

Matthew Beem has over two decades of experience in the financial sector in Latin America.

He began his career in Buenos Aires, Argentina. During his years there, he was on a team commissioned by the World Bank to compare the Brazilian devaluation of 1999 with the Argentine crisis of 2002 and wrote analysis of the Brazilian presidential transition of 2002 for both South American and US-based publications.

Matthew is fluent in Spanish and is a CFA charterholder. He holds a BA from Trinity University, an MA from Stanford University, and an MA in Geosciences from Mississippi State University.





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COO

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