



Leveraging **experience**
and proven **local**
partners in the
Lithium Triangle to
develop high purity Li



JUNE 2022



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COMPETENT PERSONS STATEMENT

The Exploration Results reported in this announcement are based on, and fairly represent, information and supporting documentation prepared by Mr Greg Cunnold. Mr Cunnold who is a Member of the Australasian Institute of Mining and Metallurgy and is a Director of Xantippe Resources Ltd. Mr Cunnold has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which has been undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Cunnold consents to the form and context in which the Exploration Results are presented in this announcement. Additionally, Mr Cunnold confirms that the entity is not aware of any new information or data that materially affects the information contained in the ASX releases referred to in this presentation.



HISTORY

Xantippe Resources has a history of resource exploration in South Korea where it was active particularly in the battery energy sector (mainly graphite and vanadium commodities) and developed strong links within Korea's 'downstream' companies.

XTC has a history of working in battery energy minerals.

The move to Lithium production was a natural evolution.



2018

The Company acquired a substantial foothold in the Southern Cross region of West Australia where it holds approximately 190 km² (19,000 Ha) of tenements, prospective for gold and lithium-bearing pegmatites. XTC has conducted 4 drilling campaigns during the period to determine the extent of the gold mineralisation. The exploration activity in Southern Cross remains active.

2021

Xantippe acquired 100% of a West Australian company, Carolina Lithium (CLi). Carolina Lithium was a privately held company 50% owned by Arecco Ingenieur SA.

2022

CLi holds a number of lithium tenements in the most prospective area of Argentina. CLi rebranded to XTC Lithium.

XANTIPPE INVESTMENT OPPORTUNITY

We are a lithium developer aspiring to supply sustainable, high purity lithium from its flagship Carachi Project in Argentina.



Exceptional Land Position

Located in the heart of the Lithium Triangle in Argentina, surrounded by major lithium developers



High Quality Lithium Project

Access to top tier, scalable, diversified, rich sources of lithium brine with a clear commercialisation strategy



Strong In-Country Partnerships

Local partners with a long-standing relationships with landowners. Excellent political relationships local to state to federal



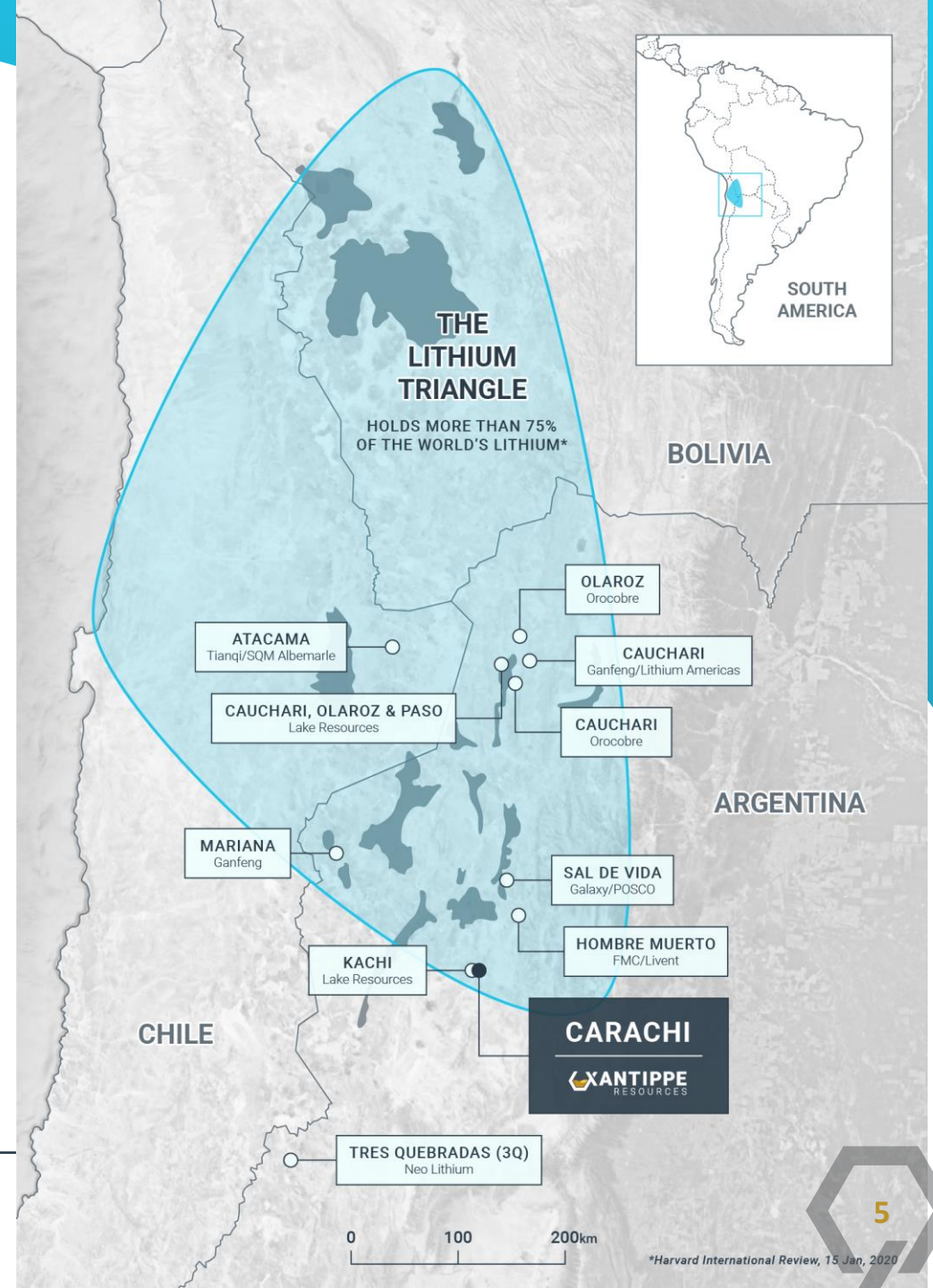
Best of Class Technologies

High purity/battery grade lithium sustainably locally sourced and produced

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 4 tenements and has exclusive options over a further land totalling 21,900Ha (21.9 km²)
- Considerable upside - XTC is located proximal to lithium brine explorer and developer, Lake Resources (ASX: LKE; \$2bn mkt cap)
- Work previously completed by Lake Resources has the potential to fast-track development for XTC
- Work previously completed on Luz Maria shows Lithium grade similar to that existing on LKE tenement – same reservoir
- Through the acquisition of Carolina Lithium, Xantippe bought access to options on land not otherwise available

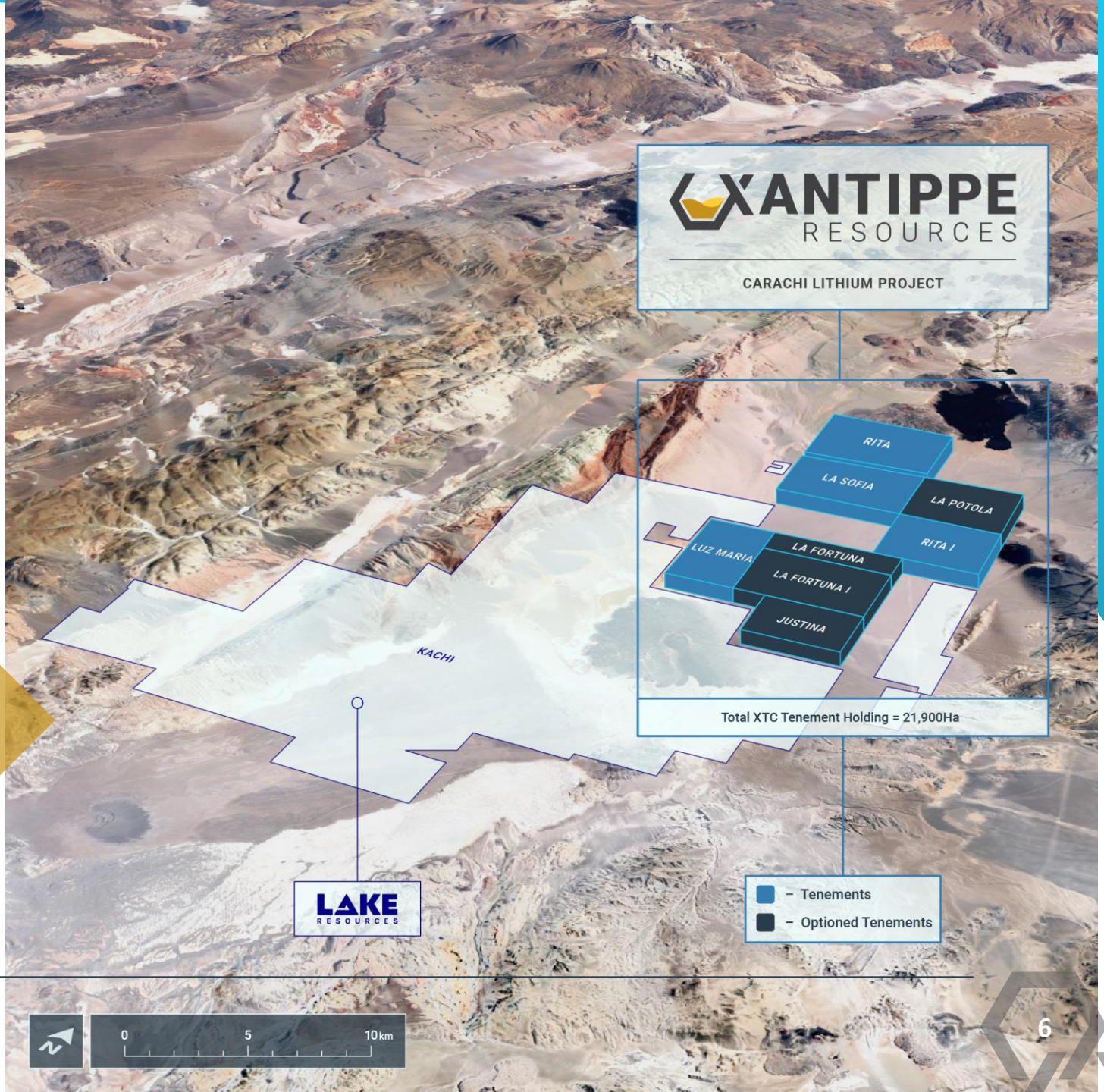


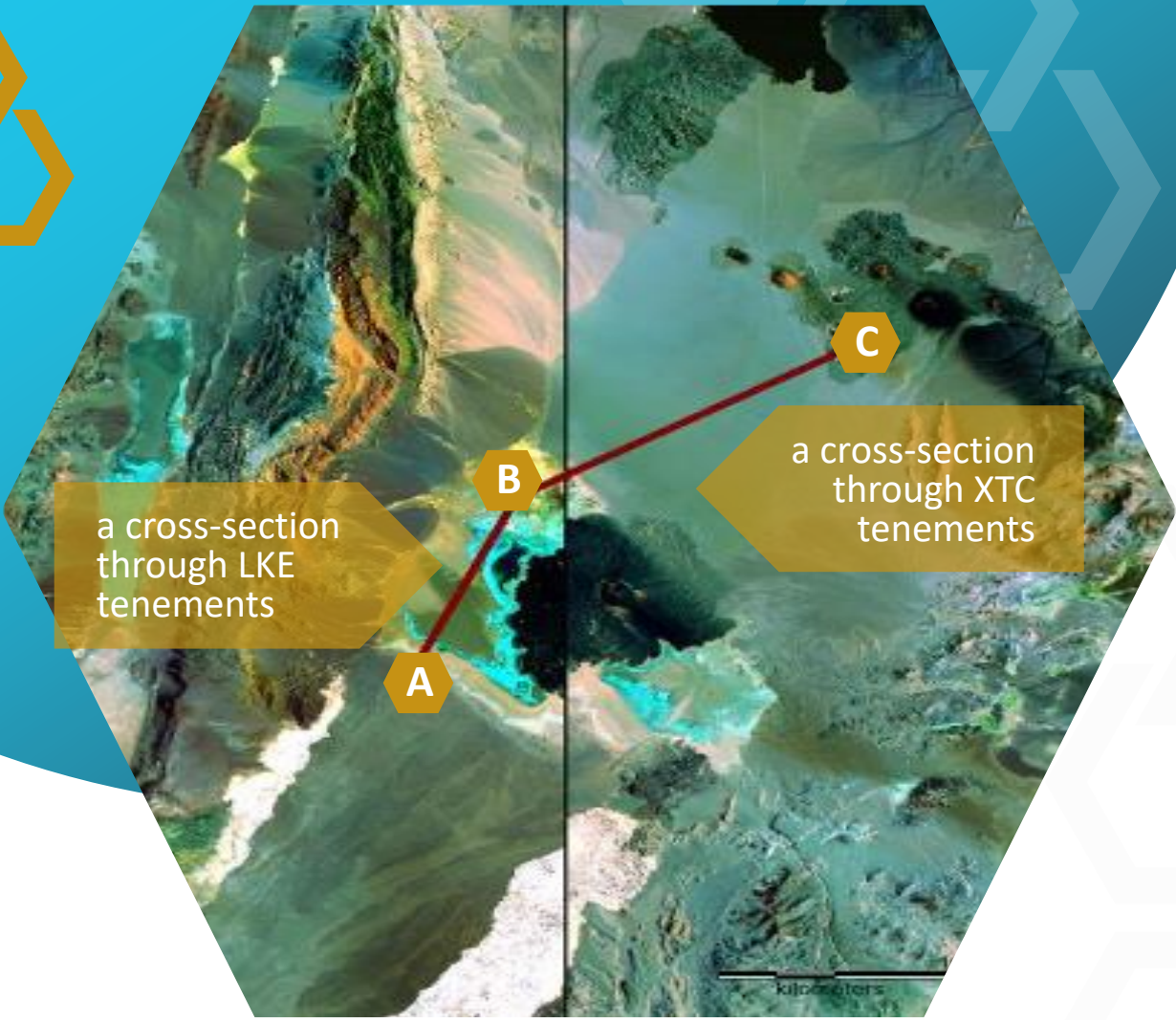


CURRENT STATE OF PLAY

XTC has already acquired Rita, Rita1, La Sofia and Luz Maria and has exclusive options over a further 4 tenements.

21,900 Ha
of contiguous tenements



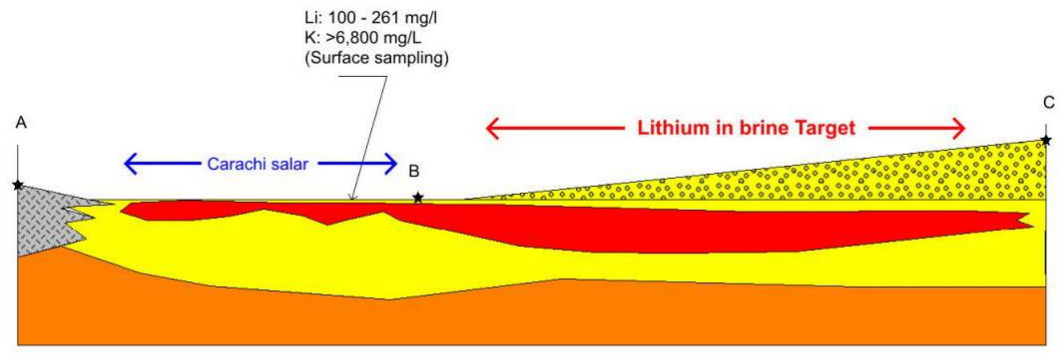


a cross-section through LKE tenements

a cross-section through XTC tenements

PROSPECTIVITY

Composite interpretative resistivity section A-B and B-C shows low resistivity anomalies within the Salar de Carachipampa and postulated paleo salar, to the Northeast



- REFERENCE
- Holocene gravel + sand + diatomite
 - Holocene sand, clay, tuff, halite
 - Holocene welded tuff (0.6M/age)
 - Tertiary folded sediments (Miocene?)
 - Probable brine bearing formation (conductive 0.5 < ohm < 1.0 ohm) detected by geophysics

Refer ASX announcement 25 February 2022 for further information



CLEANER TECHNOLOGY



Local management

- Board comprises of two Argentina-based, experienced business persons:
 - Ms Carolina Arecco (Non-Executive Director)
 - Mr Guzmán Fernandez (Non-Executive Director)



Local partners

- Led by Juan Manuel Santos, long-standing relationships with local landowners benefits XTC by priority access to acquiring new tenements and enabling community approval and involvement.



Highly professional local team

- Led by geologist Federico Gonzales, Field-Intelligence is a leader in supporting global, collective action on climate change and is a significant player in the Energy industry throughout South America



INVESTING IN CLEAN TECHNOLOGY

Producing sustainable lithium to meet global demand

The historical method of processing lithium brine is to use evaporation ponds – this requires a large land ‘footprint’ and can take up to 18 months to harvest the lithium. Recently, a process called Direct Lithium Extraction (DLE) has shown that lithium can be processed in a more time-efficient and environmentally responsible way.

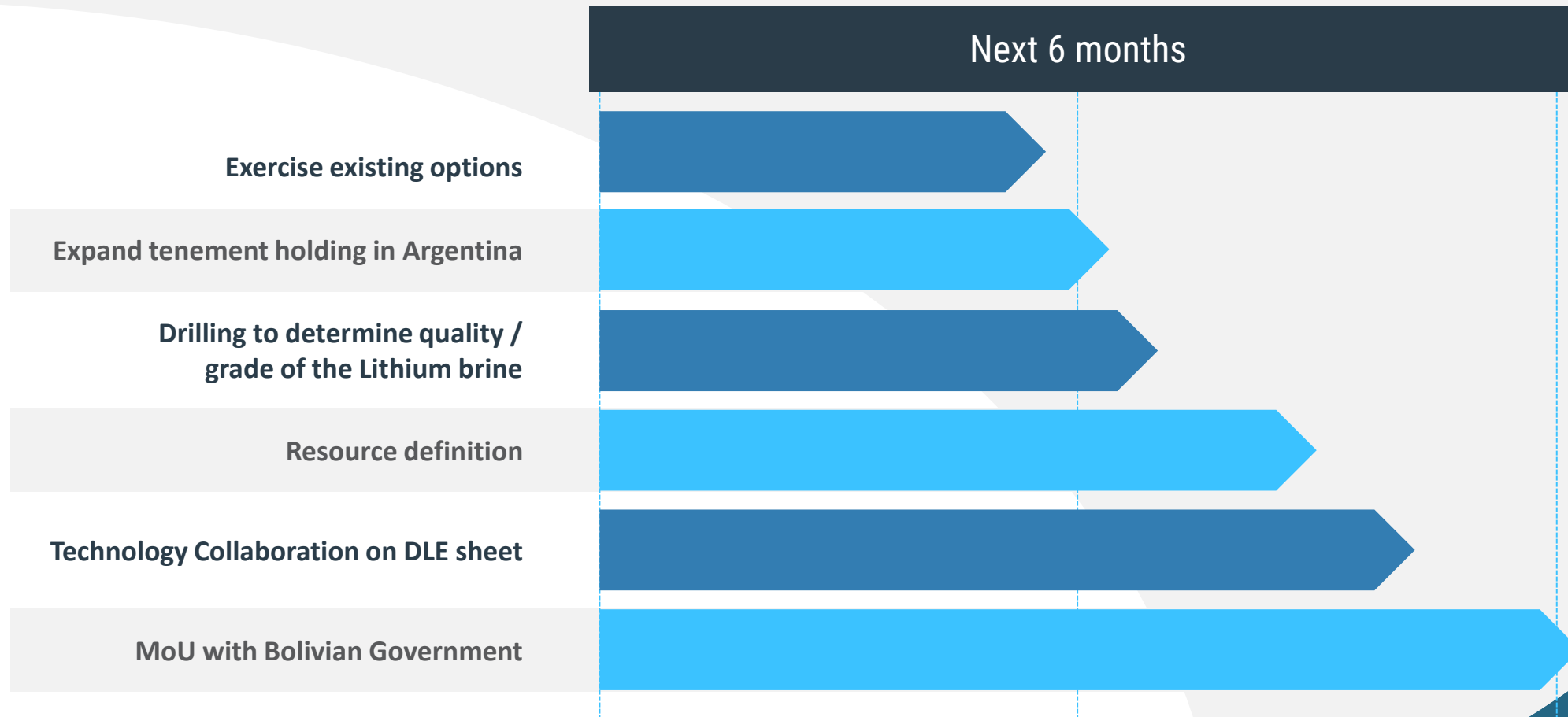
There are approx. 9 DLE methods being trialled throughout South America.

DLE has several potential benefits, including:

- Eliminating/reducing the footprint of evaporation ponds
- Decreasing production times compared with conventional brine operation
- Increasing recoveries from around 40 percent to over 80 percent
- XTC conducting preliminary assessment of all DLE technologies
- Advanced discussions underway with parties on DLE technologies



VALUE DRIVERS FOR XANTIPPE



CORPORATE SNAPSHOT

A\$9.5m
Cash Balance
(as at 27 APR 2022)

A\$76.83m
Market Cap
(as at 6 JUN 2022)



XTC
ASX Code

A\$0.011
Share Price
(as at 6 JUN 2022)

7.6bn
Shares on issue

603m
Listed options
(@.0035)

40%
Top 20
shareholders

COMPELLING VALUATION VERSUS PEERS

\$70M
Market cap

XANTIPPE
RESOURCES

Share price: 0.9c

Carachi Lithium Project
Lithium Triangle, Argentina

\$427.6M
Market cap

GALAN
LITHIUM LIMITED

Share price: \$1.41

Candelas Project
Lithium Triangle, Argentina

\$589.3M
Market cap

ARGOSY MINERAL
LIMITED

Share price: 43.5c

Rincon Lithium Project
Lithium Triangle, Argentina

\$2.24B
Market cap

LAKE
RESOURCES

Share price: \$1.56

Kachi Lithium Project
Lithium Triangle, Argentina



HIGH QUALITY BOARD & MANAGEMENT

Imants Kins

CHAIRMAN

Imants Kins has a Bachelor of Economics from UWA and Master of Arts (Futures Studies) from Curtin University. He has extensive experience at a senior level in Government and since 1986 the private sector in natural resources sector as a senior manager, corporate economist and Director of ASX listed companies.

Richard Henning

MANAGING DIRECTOR

Richard Henning is a skilled mining executive and geologist with technology commercialisation experience over more than 40 years' experience across a range of countries and commodities.

Graduating from Queens University in Belfast, Richard has played a key role in the investment and development of a number of companies, including WA uranium explorer Extract Resources, where he was manager of business development and corporate relations from 2006 – 2011, overseeing a period of immense growth at Extract, with the company eventually sold for \$2.2bn. Mr Henning has also served as managing director and chairman of Korean-focussed resources explorer Stonehenge Metals over a period of five years and is currently chairman of Burma Mining Corporation.

Guzman Fernandez

NON-EXECUTIVE DIRECTOR,
GENERAL MANAGER SA

Guzman Fernandez is an Attorney at Law at the Geneve Bar and holds a BSc in Law from the Geneva Law school with a Master in Laws in Alicante, Spain. Guzmán has 25 years experience at law, commercial and management of companies engaged in the acquisition, development and operation of renewable energy projects in Latin America; he is also the founder and CEO of Field Intelligence Energy, a green driven company whose mission is to innovate and explore sustainable green solutions.

Guzan fulfils the role of XTC GM of Latin America Operations.

Carolina Arecco

NON-EXECUTIVE DIRECTOR

Carolina Arecco is 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.





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