

SI 2019

SEMANA
DE LA
INGENIERÍA

**CONECTADOS
CON EL FUTURO**

TRANSICIÓN ENERGÉTICA
HACIA UN MUNDO SUSTENTABLE





LithiumAmericas

SEMANA DE LA INGENIERIA 2019
EXTRACCION DE LITIO Y SU UTILIZACION EN LA INDUSTRIA

GABRIEL RUBACHA– PRESIDENT OF SOUTH AMERICAN OPERATIONS

JUNIO 2019

Caucharí-Olaroz Project
Jujuy, Argentina

CAUTIONARY STATEMENT & DISCLAIMER

Technical Information

Scientific and technical information in this presentation about the Cauchari-Olaroz Project and the Thacker Pass Project has been reviewed and approved by Rene LeBlanc, a qualified person under NI 43-101. Further information about the Cauchari-Olaroz Project is available in the NI 43-101 technical report, "Updated Feasibility Study, Reserve Estimation and Lithium Carbonate Production at the Cauchari-Olaroz Salars, Jujuy Province, Argentina," dated January 15, 2018 available on SEDAR. Further information about the Thacker Pass Project (formerly Stage 1 of Lithium Nevada project), including a description of data verification and QA/QC programs, is available in the NI 43-101 technical report of Lithium Americas effective August 1, 2018 entitled "Technical Report on the Pre-Feasibility Study for the Thacker Pass Project, Humboldt County, Nevada, USA", available on SEDAR.

The Mineral Resource and Mineral Reserve estimates contained in this press release have been prepared in accordance with the requirements of the securities laws in effect in Canada, which differ from the requirements of United States securities laws and use terms that are not recognized by the United States Securities and Exchange Commission ("SEC"). Canadian reporting requirements for disclosure of mineral properties are governed by NI 43-101. U.S. reporting requirements are governed by the SEC Industry Guide 7 under the United States Securities Act of 1933, as amended. Accordingly, technical information set forth herein may not be comparable with information made public by companies that report in accordance with U.S. standards.

Forward-Looking Statements

This presentation contains "forward-looking information" within the meaning of applicable Canadian securities legislation, and "forward-looking statements" within the meaning of applicable United States securities legislation (collectively referred to as "forward-looking information"). All statements, other than statements of historical fact, are forward-looking information. Forward looking information can be identified by the use of statements that include words such as "anticipate", "plan", "continue", "estimate", "expect", "exceed", "may", "will", "project", "predict", "propose", "potential", "targeting", "exploring", "scheduled", "intend", "could", "might", "should", "believe" and similar words or expressions. Forward-looking information in this presentation includes, but is not limited to: successful development of the Cauchari-Olaroz and Thacker Pass projects, including timing, production and operation forecasts, and results thereof; the results 2018 strategic transactions with Ganfeng, including that the financing components thereof will be sufficient; the potential for future collaboration with Ganfeng; results of an updated development plan at Cauchari-Olaroz to increase production capacity to 50,000 tpa of lithium carbonate; the targeted date for production to commence at Cauchari-Olaroz; all financial estimates for the Cauchari-Olaroz and Thacker Pass projects; estimation of mineral resources and mineral reserves; timing and results of additional development studies on the Thacker Pass Project, including in relation to the pilot plant, forecasts for future lithium market demand and pricing, government regulation of mining operations and treatment under government and taxation regimes.

Forward-looking information involve known and unknown risks, assumptions and other factors that may cause actual results to differ materially. These forward-looking information reflect management's current views with respect to future events, and while considered reasonable by management at this time, there can be no certainty that they will accurately reflect actual results. Assumptions upon which such forward-looking information is based include, without limitation: long term pricing and demand growth for lithium products; Lithium Americas' ability to fund, advance and develop the Cauchari-Olaroz and Thacker Pass projects as currently forecast, including results therefrom; a cordial business relationship between Lithium Americas and Ganfeng; a stable and supportive legislative and regulatory environment for mining development; the impact of increasing competition; ability to operate in a safe and effective manner; accuracy of Mineral Resources and Mineral Reserves; and ability to obtain financing on reasonable terms or at all. Lithium Americas' actual results, programs and financial position could differ materially from those anticipated in such forward-looking information as a result of numerous factors, risks and uncertainties, many of which are beyond Lithium Americas' control. These include, but are not limited to: inherent risks in development of capital intensive mineral projects (including as co-owners); possible variations in mineral resource and reserve estimates; recovery rates; lithium prices; changes in project parameters as plans continue to be refined; changes in legislation or governmental policy; security of mineral property titles and permits; failure of plant, equipment or processes to operate as anticipated; accidents; acts of god or severe weather; labour disputes; environmental liabilities; cost overruns or unanticipated costs and expenses; the availability of funds; and general market and industry conditions.

The foregoing list of risks, assumptions and uncertainties is not exhaustive. Additional information on these and other factors can be found in Lithium Americas' annual information form and most recently filed management discussion & analysis available on SEDAR and their equivalents on EDGAR. There can be no assurance that forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, readers are cautioned not to place undue reliance on forward-looking

information. Lithium Americas does not intend, and expressly disclaims any obligation to, update any forward-looking information whether as a result of new information, future events or otherwise, except as, and to the extent required by, applicable securities laws.

Forward Looking Financial Information

Certain information provided in this presentation constitutes forward-looking financial information within the meaning of applicable securities laws. Management has provided this information as of the date of this document in order to assist readers to better understand the expected results and impact of Lithium Americas' operations. Readers are cautioned that this information may not be appropriate for any other purpose, including investment purposes, and consequently should not place undue reliance on this information. Readers are further cautioned to review the full description of risks, uncertainties and management's assumptions in Lithium Americas' most recent and annual Management's Discussion and Analysis available on SEDAR at www.sedar.com. Forward-looking financial information also constitute forward-looking information within the context of applicable securities laws and as such, is subject to the same risks, uncertainties and assumptions as are set out in the cautionary note above.

Disclaimer

Information provided in this presentation is necessarily summarized and may not contain all available material information, accordingly, readers are cautioned to review Lithium Americas' public disclosure record in full. Lithium Americas expressly disclaims any responsibility for readers reliance on this presentation. This presentation is provided for informational purposes only, and shall not form the basis of any commitment or offering. Any such commitment or offering will only be made by binding written agreement containing customary terms for transactions of such nature, and only then in compliance with applicable laws, including securities laws of Canada and the United States. This presentation is property of Lithium Americas Corp.

All figures in US Dollars unless otherwise noted.

LITHIUM AMERICAS CORP. – HIGHLIGHTS

1

Asociación con Ganfeng Lithium para desarrollar conjuntamente el Proyecto Caucharí-Olaroz

2

Construcción en marcha para producción en 2020

3

Financiación disponible por \$385 millones para el aporte de capital de la participación de Lithium Americas en la etapa 1 (25k tpa)

4

Un segundo proyecto de gran escala y bajo costo en Nevada, USA

5

Se conformó un equipo con liderazgo técnico, financiero y en ejecución de proyectos con experiencia en la industria de litio



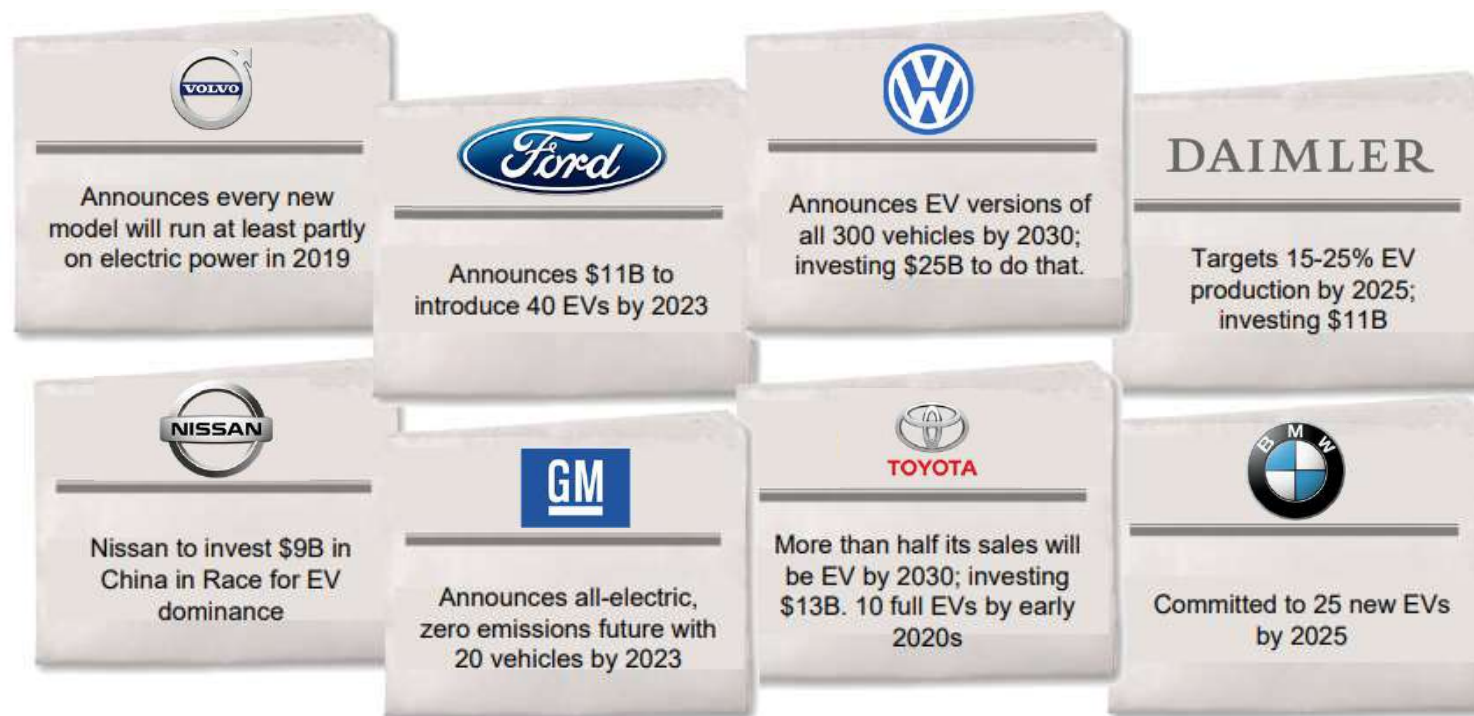
An aerial photograph of a lithium extraction facility in a desert. In the foreground, there are several vehicles, including a white SUV and a white pickup truck, parked on a dirt road. To the right, there is industrial equipment, including a conveyor belt system and storage tanks. The middle ground shows a large, flat, light-colored area, likely a salt flat or a drying pond, with a long, straight road or path running through it. In the background, there are rolling hills or mountains under a clear sky. A semi-transparent white box with a red border is overlaid on the center of the image, containing the text "MERCADO DEL LITIO".

MERCADO DEL LITIO

LithiumAmericas

MIGRACION DEL MERCADO DE VEHICULOS DE COMBUSTION INTERNA A ELECTRICIDAD

A principios de Marzo, VW anuncio planes para incrementar su penetración al Mercado de EV con un objetivo de 50% para el 2026

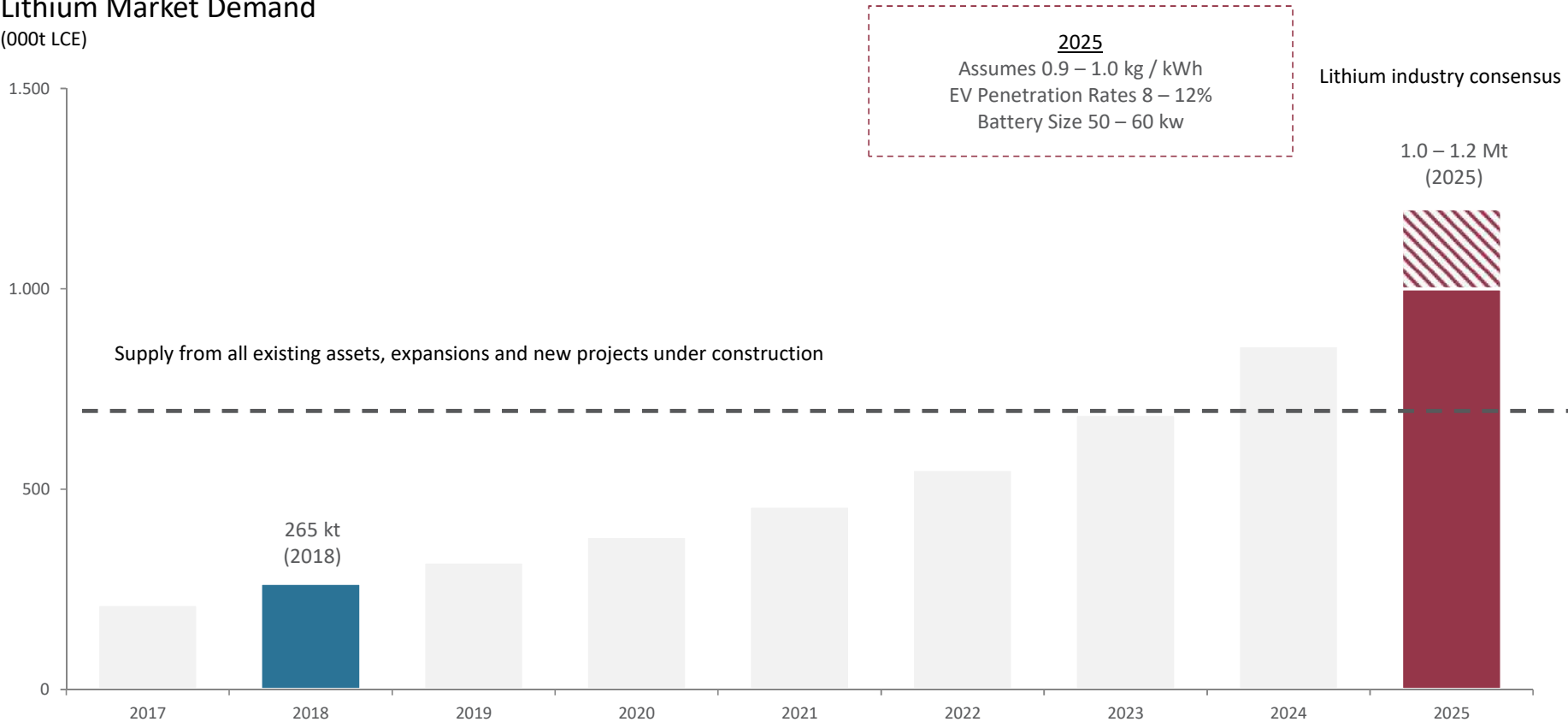


Source: Modified from Cree Inc. presentation

ESTO APOYA UN INCREMENTO DE 4X EN LA DEMANDA DEL MERCADO DEL LITIO

Para satisfacer la demanda en los próximos 5-10 años, inversiones importantes deben ser hechas ahora

Lithium Market Demand
(000t LCE)

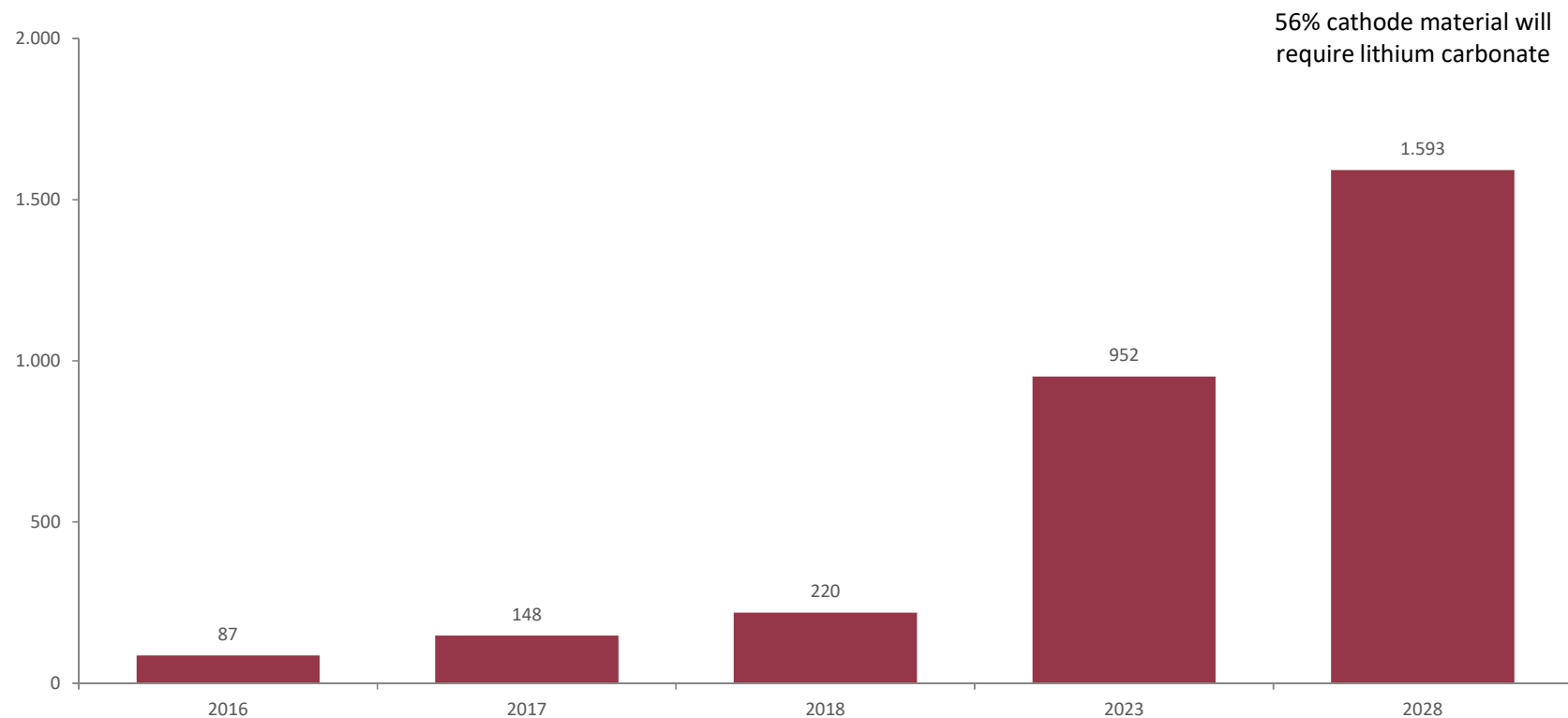


Source: Industry consensus includes range of industry producers publicly reported forecasts

CRECIMIENTO DE LAS "MEGAFACTORIES" DE BATERIAS

Según Benchmark Minerals 72 plantas operando y planificadas globalmente que totalizan 1,600 GWh de capacidad para 2028

Battery Production Capacity (GWh)



CATL

SAMSUNG

SK innovation

Panasonic

LG Chem

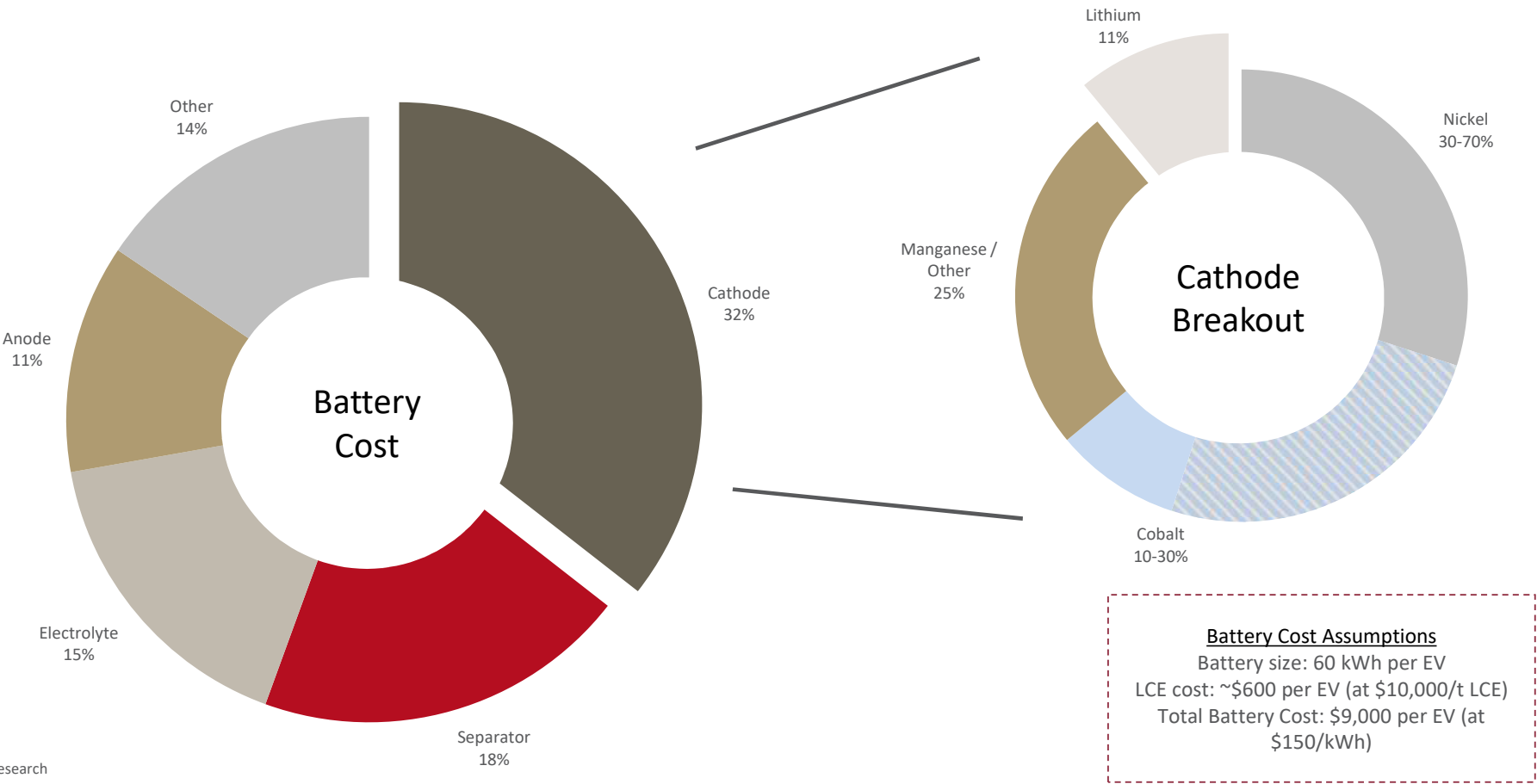
Source: Benchmark Minerals

LithiumAmericas

TSX: LAC
NYSE: LAC

COSTO DE LITHIUM ION BATTERY

El litio compone una porción baja de la composición de la batería (11% del cátodo) y una porción baja del costo (5-10%)

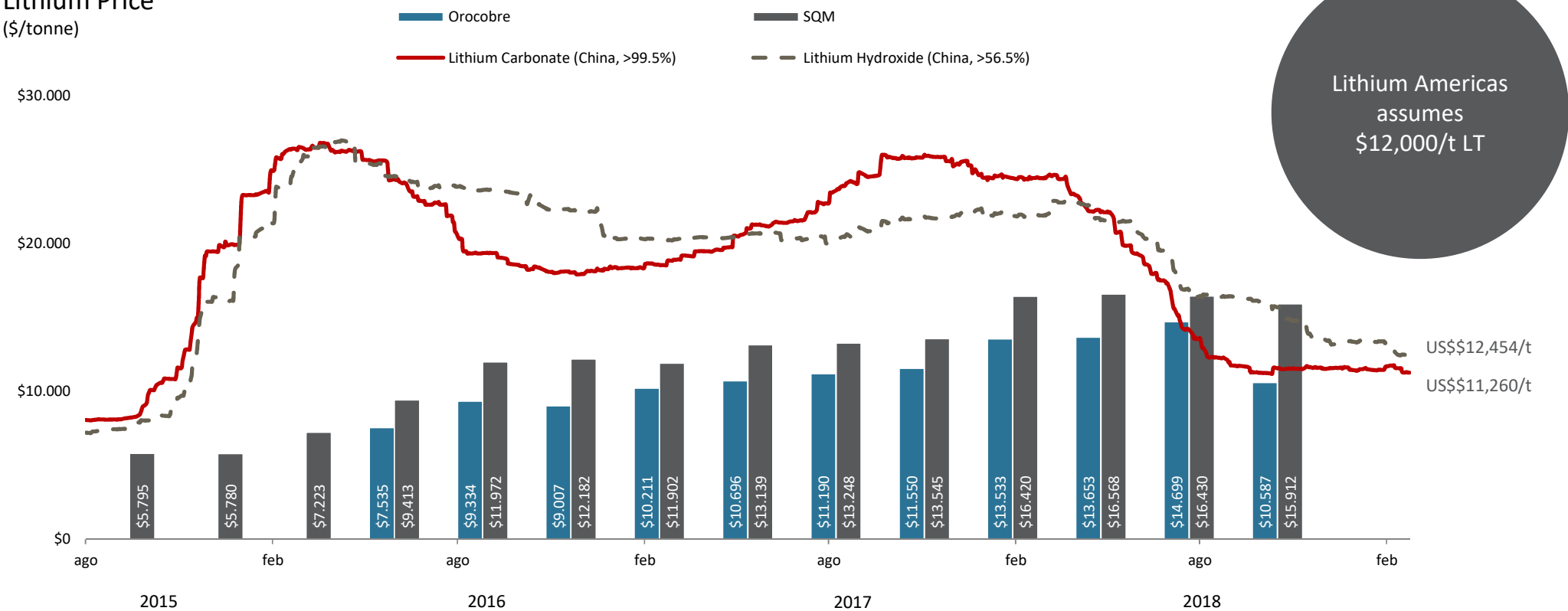


Source: Street Research

EL PRECIO DEL LITIO DEBE INCENTIVAR NUEVA OFERTA

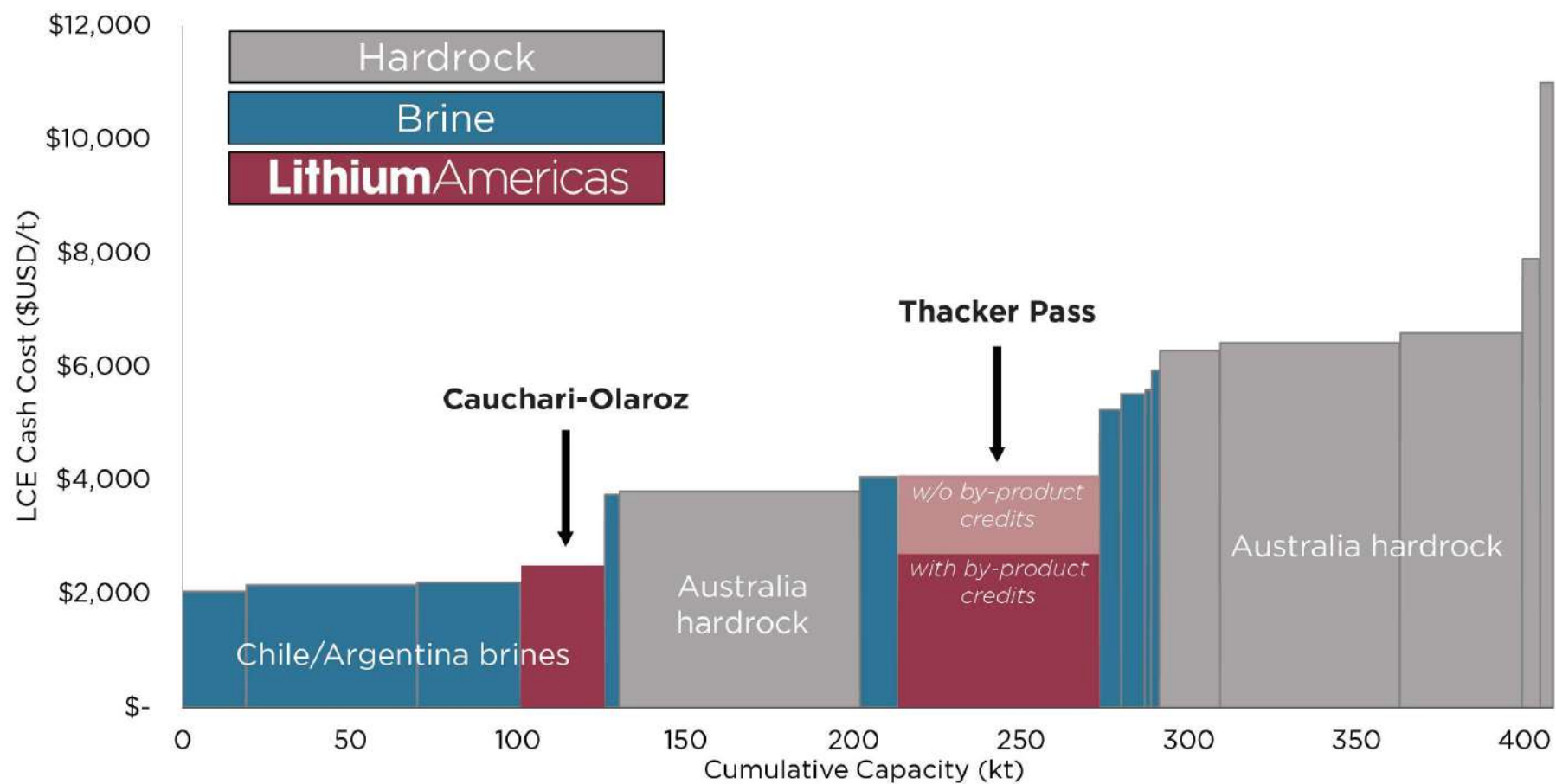
A pesar de la reciente volatilidad del litio, precios mas altos que los actuales deben darse para incentivar inversiones para mayor oferta

Lithium Price (\$/tonne)



Note: China prices do not include VAT
Source: Company reports, Asian Metal

CURVA DE COSTOS (EXCLUYEN ROYALITES)

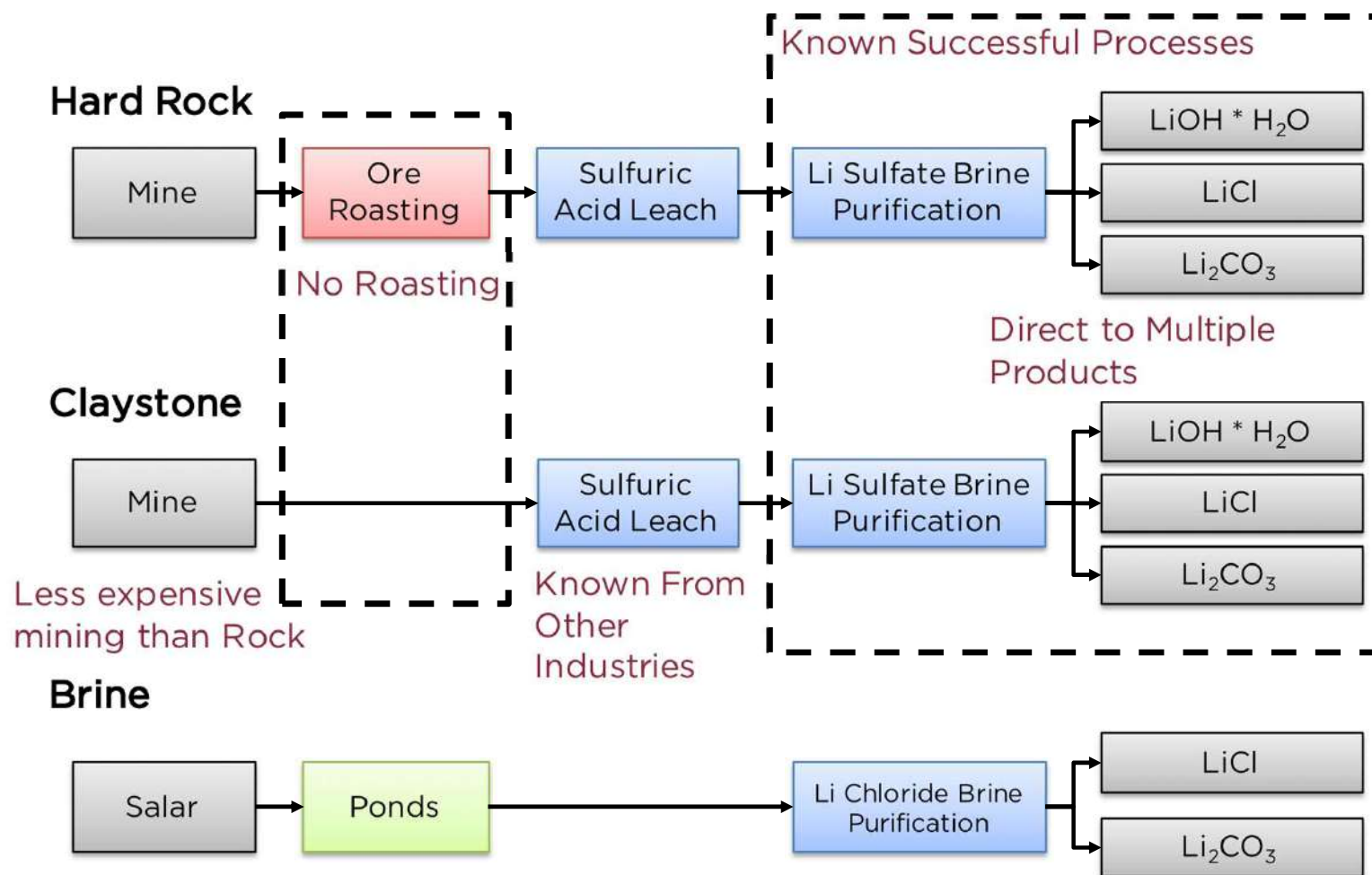


Note: Excludes royalties

Source: Lithium Americas, modified cost curve based on data from Morgan Stanley

Lithium Americas | TSX: LAC
NYSE: LAC

VALUE CHAIN DEL LITIO



VALUE CHAIN DEL LITIO

	Brine	Claystone	Hard Rock
Challenges	Pond Management	Co-leached Materials	Expensive processing steps
	Longest Capacity Development	Ore Beneficiation	High Energy Demand
	Seasonal / Annual Weather		Sulfuric acid supply
Both	KCI Market	Raw Material Market (Byproducts if needed)	
Benefits	Lowest Operating cost to Li_2CO_3	Direct to Li_2CO_3 / LiOH	Direct to Li_2CO_3 / LiOH
		Rapid Capacity development	Rapid Capacity development



CAUCHARI-OLAROSZ

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HISTORIA DEL PROYECTO CAUCHARI-OLAROS

Mas de 10 años desde el comienzo de la exploración inicial para llegar a inicio de producción

MineraExar

Completed initial
exploration program in
2010



Complete definitive
feasibility study in 2017



First production expected in
2020



Received permits for
production in 2012



Enter JV with Ganfeng and
begin pond construction in
2018



PROYECTO CAUCHARÍ-OLAROS

El Proyecto Caucharí-Olaroz esta ubicado sobre una ruta internacional con acceso a energía, agua y mano de obra

Localizado en Jujuy, Argentina

- Gran tamaño de la propiedad ~ 70,000 ha.
- Cerca de otros productores.

Infraestructura cercana

- Gas pipeline y energía eléctrica - 50 km.
- Ruta pavimentada – Puerto a 550 km.
- Acceso a agua.

Recurso de salmuera de gran escala

- El Segundo recurso conocido mas grande en desarrollo (12 Mt of LCE)

Mas de 500 empleados y contratistas en Argentina

- Trabajando en conjunto con las comunidades.
- Acuerdos con beneficios para las 6 comunidades aledañas.
- Máximo de aprox. 1000 personas

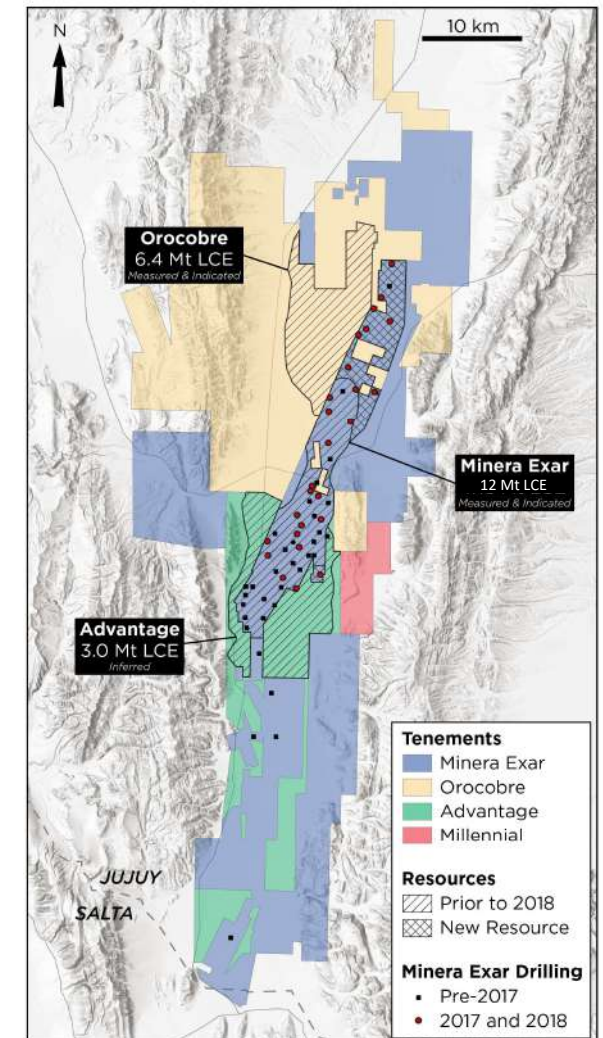
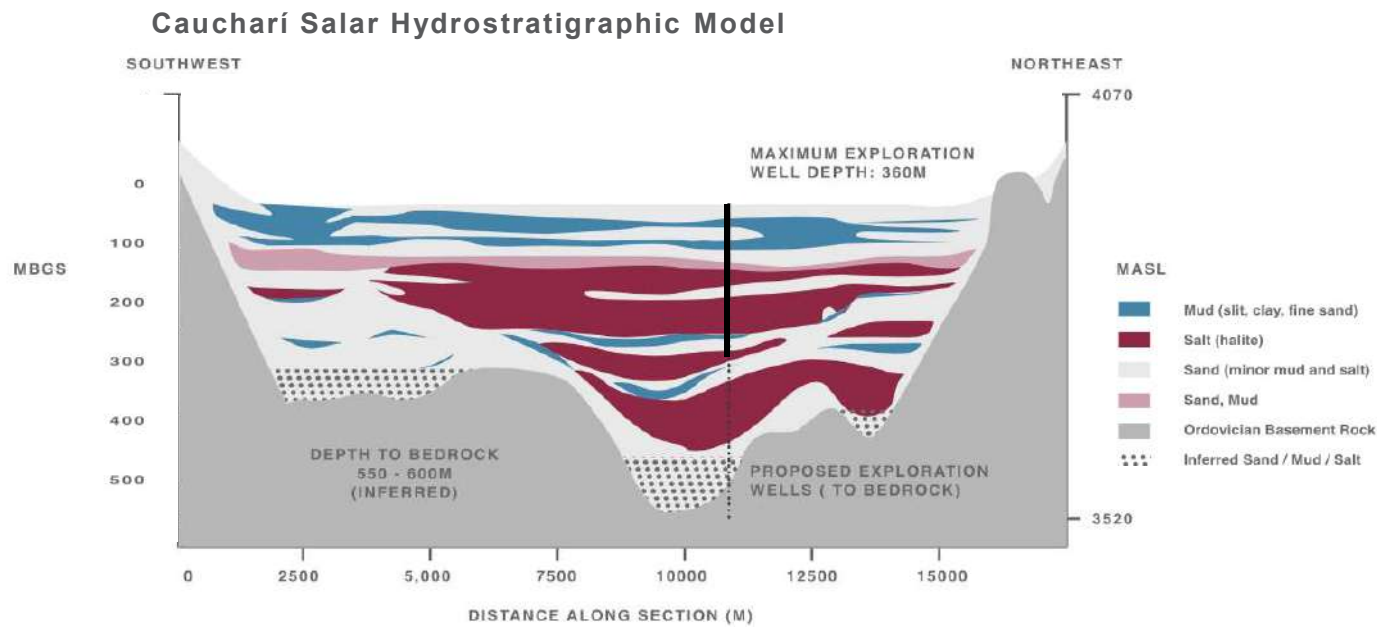
Construcción en plazo para producción en 2020

- 3 piletas de evaporación completas y 9 en construcción (area total de piletas de 12 km²).
- Contratos adjudicados para movimiento de suelos, suministro de hormigón, equipos críticos, campamento de operaciones, etc..



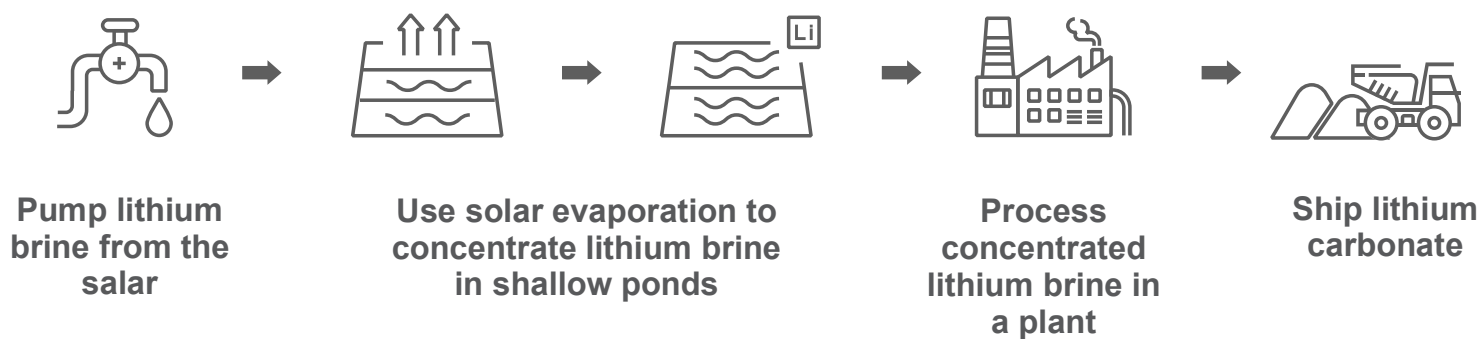
CUENCA CAUCHARÍ-OLAROSZ

Cauchari-Olaroz es el Segundo recurso conocido mas grande de salmuera después de Atacama



EN EL PROYECTO CAUCHARÍ-OLARÓZ USAMOS PROCESO CONVENCIONAL DE SALMUERA

Minera**Exar**



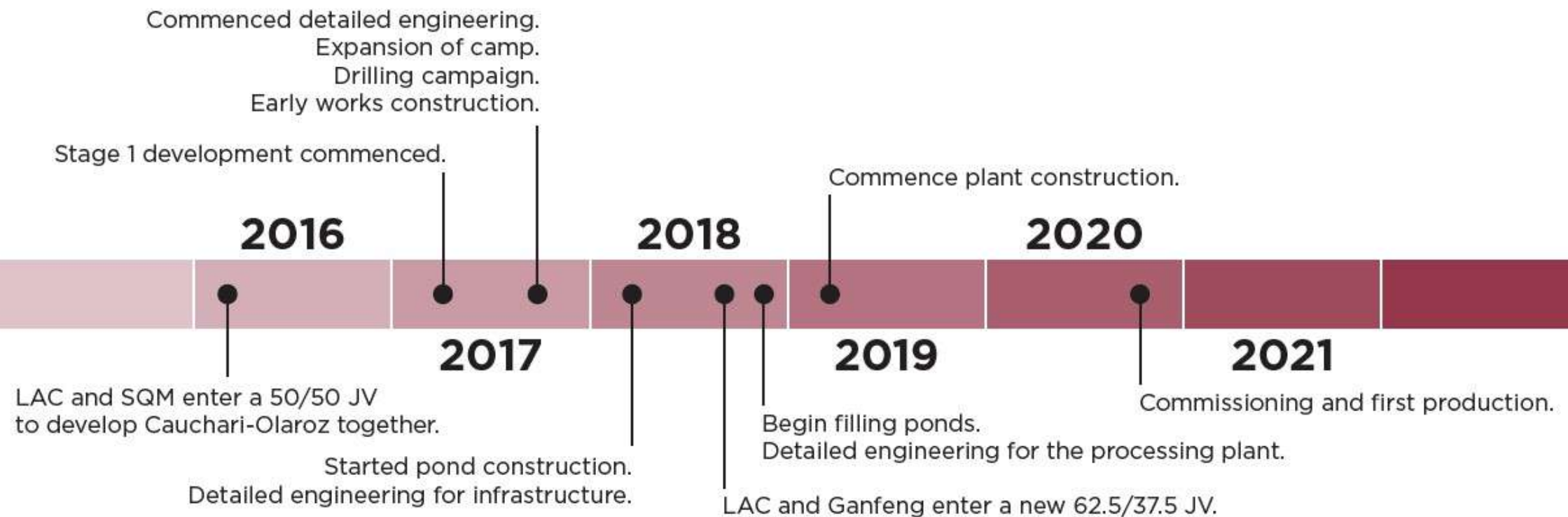
FACTIBILIDAD DE CAUCHARÍ-OLAROSZ STAGE 1

	Stage 1 DFS Results (100% basis) March 2017
Average annual production	25,000 tpa battery-grade Li_2CO_3
Project life	40 years
Proven & probable reserves	1.5 million tonnes LCE at 698 mg/L Li
Construction capital costs	\$425 million (before VAT)
Operating costs	\$2,495 / t Li_2CO_3
Lithium carbonate price assumption	\$12,000/t battery-grade Li_2CO_3
Average EBITDA	\$233 million
After-Tax Economics	\$803 million NPV _{10%} , \$1.1 BB NPV _{8%} 28.4% IRR 3.4 year payback

Note: The March 2017 updated feasibility study is modelled on an initial stage of 25,000 tpa of lithium carbonate; however, much of the production infrastructure is scalable to a production capacity of 50,000 tpa of lithium carbonate. For additional information, please see the March 2017 technical report available on Lithium Americas' SEDAR profile. All figures on a 100% project equity basis unless otherwise noted.

PROGRAMA DE EJECUCION DE CAUCHARÍ-OLAROSZ

Minera**Exar**





THACKER PASS

LithiumAmericas

THACKER PASS LITHIUM PROJECT

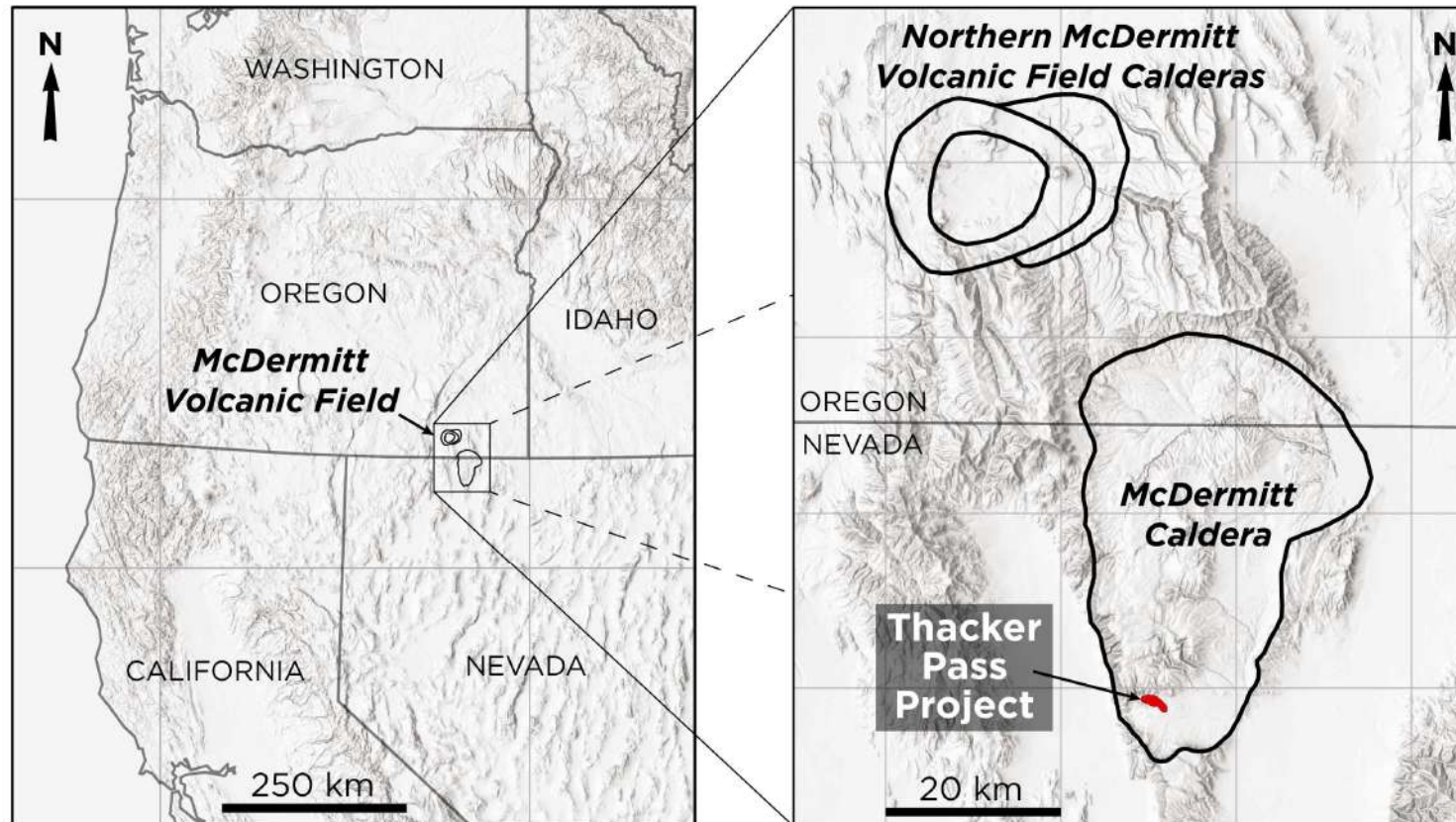
Continuamos avanzando en el Proyecto de bajo costo y escalable de Nevada, US para llegar a la decisión de construcción

- 100% propiedad de Lithium Nevada Corp., subsidiaria de Lithium Americas.
- **Infraestructura moderna:**
 - Ubicado cerca de la ciudad minera de Winnemucca.
 - Junto a ruta pavimentada.
 - Acceso a Mercado laboral.
 - Generación de energía Carbon-free con acceso a línea de alta tensión.
 - ~60 millas al ferrocarril.



ES LA RESERVE DE LITIO CONOCIDA MAS GRANDE DE LOS ESTADOS UNIDOS

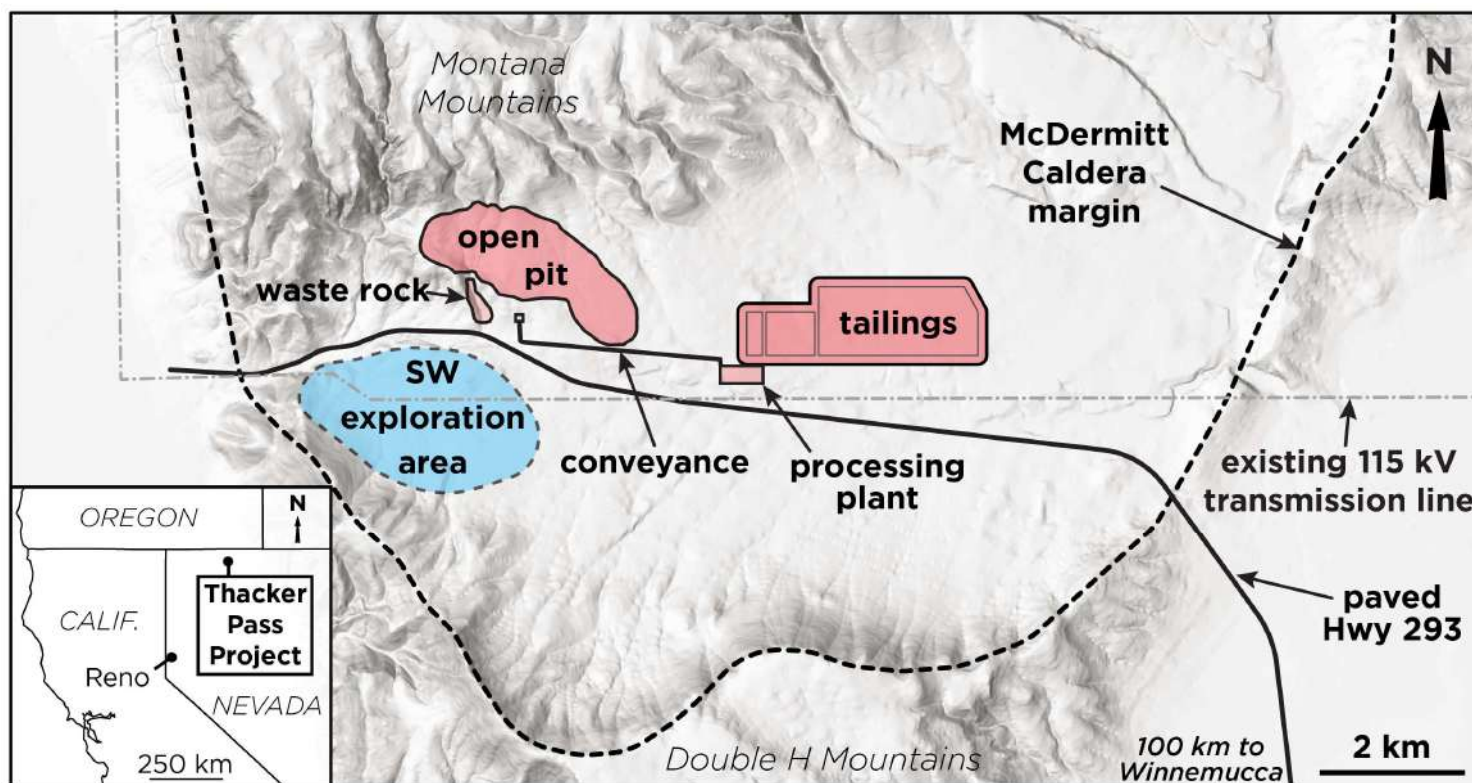
El Proyecto tiene una vida de 46 años con gran potencial de exploracion



See Technical Report on the Pre-Feasibility Study for the Thacker Pass Project, Humboldt County, Nevada, USA dated effective Aug. 1, 2018, available on SEDAR.

INFRAESTRUCTURA DEL PROYECTO THACKER PASS

Localizada sobre ruta pavimentada y cerca del ferrocarril



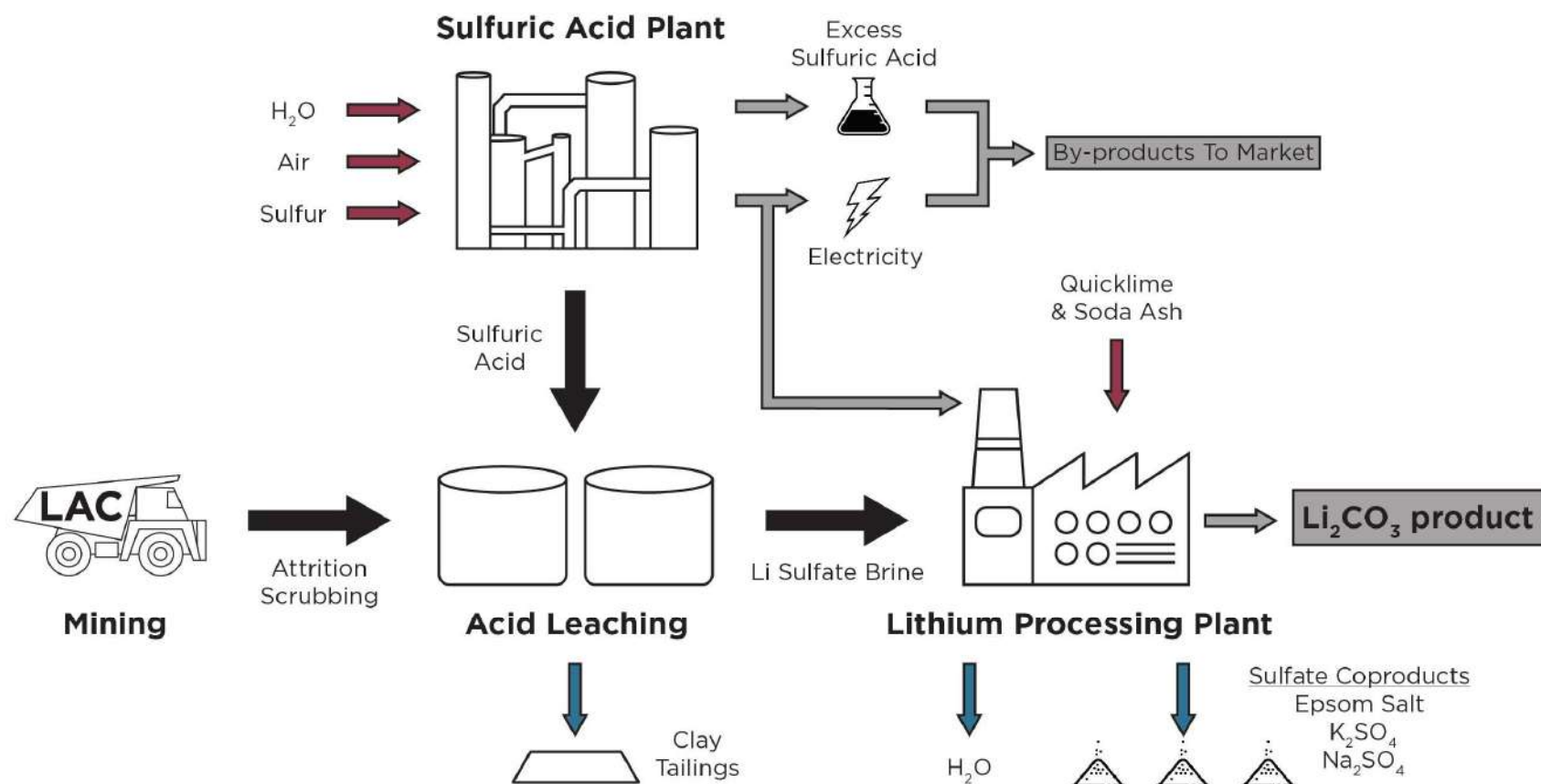
Drilling



Project Site

THACKER PASS PROCESS FLOWSHEET

Se aplica lixiviación con ácido, usado comercialmente en el industria del fosfato



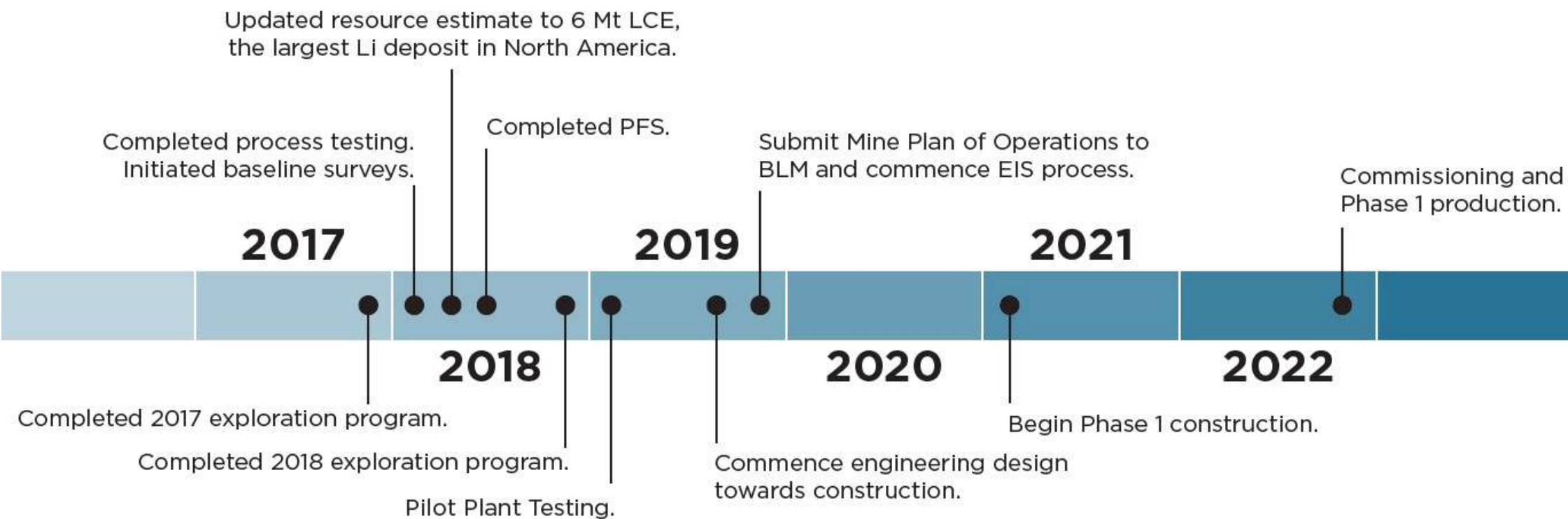
THACKER PASS PRE-FEASIBILITY STUDY

	Thacker Pass PFS Results August 2018
Average annual production*	60,000 tpa battery-grade Li_2CO_3 (Phase 1 - 30,000 tpa)
Mine life	46 years
Proven & probable reserves	3.1 million tonnes LCE at 3,283 ppm Li
Construction capital costs	\$1,059 million (Phase 1 - \$581 million)
Operating costs	\$2,570 / t Li_2CO_3 (\$4,088/t before by-product credits)
Lithium carbonate price assumption	\$12,000/t battery-grade Li_2CO_3
Average EBITDA	\$520 million (Phase 1 - \$246 million)
After-Tax Economics	\$2.6 billion NPV _{8%} 29.3% IRR

*Currently testing technology that can allow for both a lithium carbonate and lithium hydroxide product stream, the balance of which will be assessed as the market demand evolves

All figures on a 100% project equity basis unless otherwise noted. For additional information, please see the January 2018 technical report available on Lithium Americas' SEDAR profile.

PLAN DE EJECUCION PARA EL DESARROLLO DEL PROYECTO THACKER PASS



GRACIAS!

