

INFINITY LITHIUM

Investor Presentation

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Competent Persons Statement

- ❖ The information in this report that relates to Exploration Targets and Mineral Resources is based on the information compiled by Mr Patrick Adams, of Cube Consulting Pty Ltd (Perth). Mr Adams has sufficient relevant professional experience with open pit and underground mining, exploration and development of mineral deposits similar to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of JORC Code. He has visited the project area and observed drilling, logging and sampling techniques used by Infinity Lithium in collection of data used in the preparation of this report. Mr Adams is an employee of Cube Consulting Pty Ltd and consents to be named in this release and the report as it is presented.
- ❖ The information in this report that relates to Exploration Results is based on the information compiled or reviewed by Mr Adrian Byass, B.Sc Hons (Geol), B.Econ, FSEG, MAIG and an employee of Infinity Lithium. Mr Byass has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Mr Byass consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

San Jose Lithium Project

Europe #2 Largest
Market For EVs,
Batteries & Lithium



Fully Integrated Lithium
Project, From Mining To
Chemicals



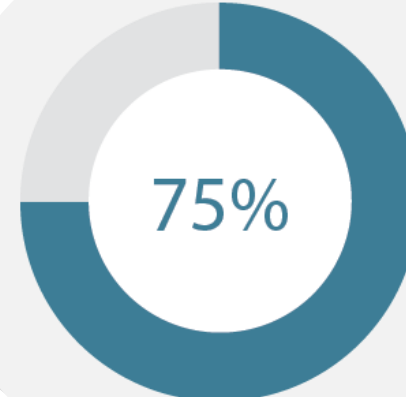
PFS
Due In
June/July



EU To Support
Development Of
Lithium Production



Moved To 75%
Ownership Of The
Project



INTRODUCTION

Electric mobility From
Wait and See mode to
Action mode



Europe
To Become #2 Largest
EV Maker In The World



Batteries
Alliances & Long term Supply
– Strong Exposure to Asia



EU & Governments
Start To Intervene & Protect
The Region



Europe
Could Become The
#2 Largest Market
For Battery Metals



There is **no**
lithium mining
or refining in
Europe



Infinity's **fully integrated**
lithium chemical project
is needed



1- Strong Demand Outlook For Lithium

Electric Vehicles are expected to **take over** Internal Combustion Cars by the mid-2030s



"Volkswagen expects to build 22 million cars on its electric vehicles platforms by 2028"



Electric vehicles are not the entire story : many **E-mobility** applications but also **Energy Storage** Systems are powering lithium growth



Powered by **battery** growth, lithium demand is set to **increase 8 times** over the next 12 years



Source: Canaccord Genuity - Lithium | 2019 recharge

World's Largest Automaker - Volkswagen

“VW capable of building **50 million electric vehicles**”

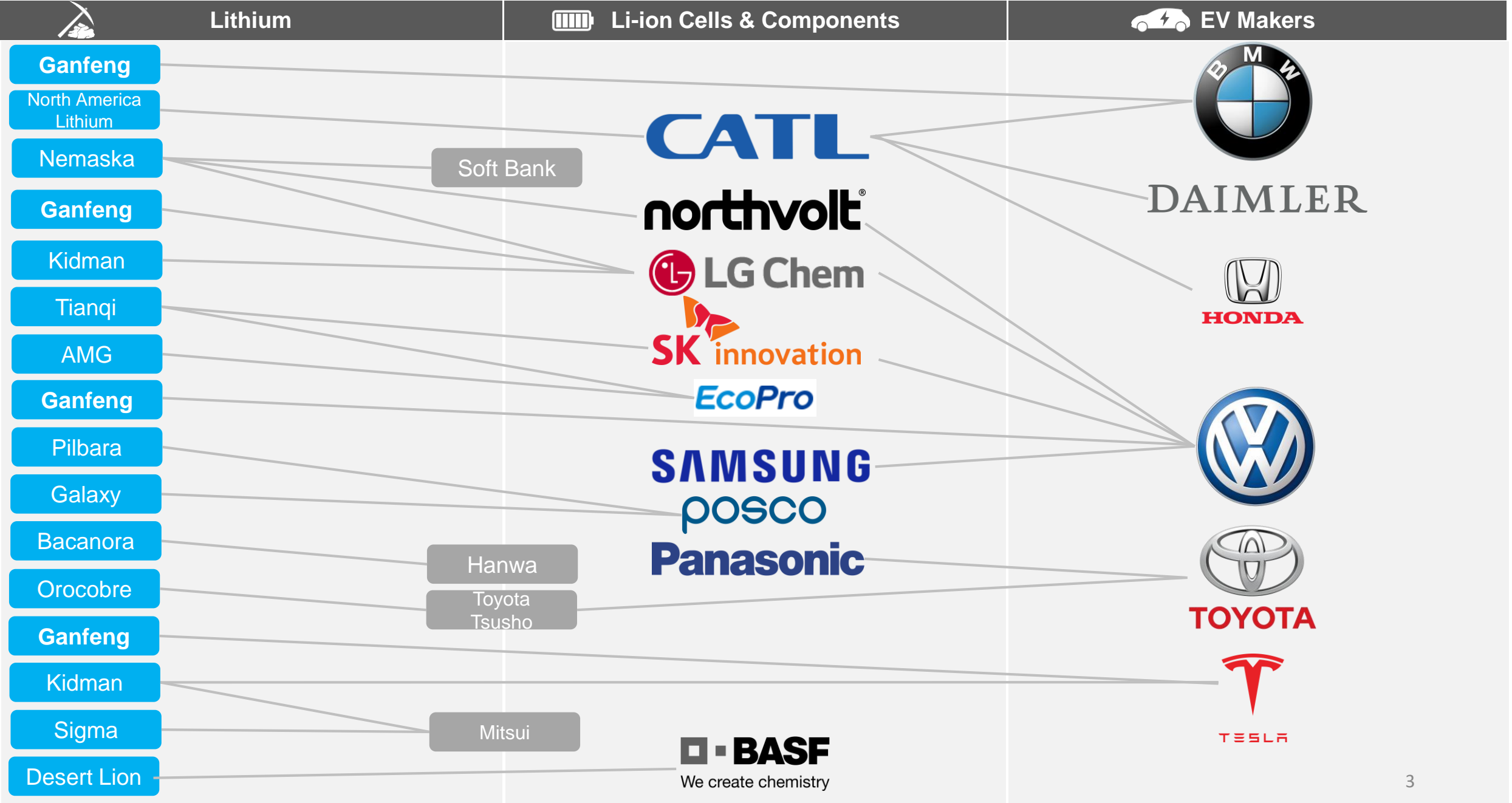
“Last generation of combustion engines to be launched **in 2026**”

“**Lithium is the irreplaceable element** of the electric era”

“Volkswagen has set itself the **goal of promoting lithium production in Europe**”

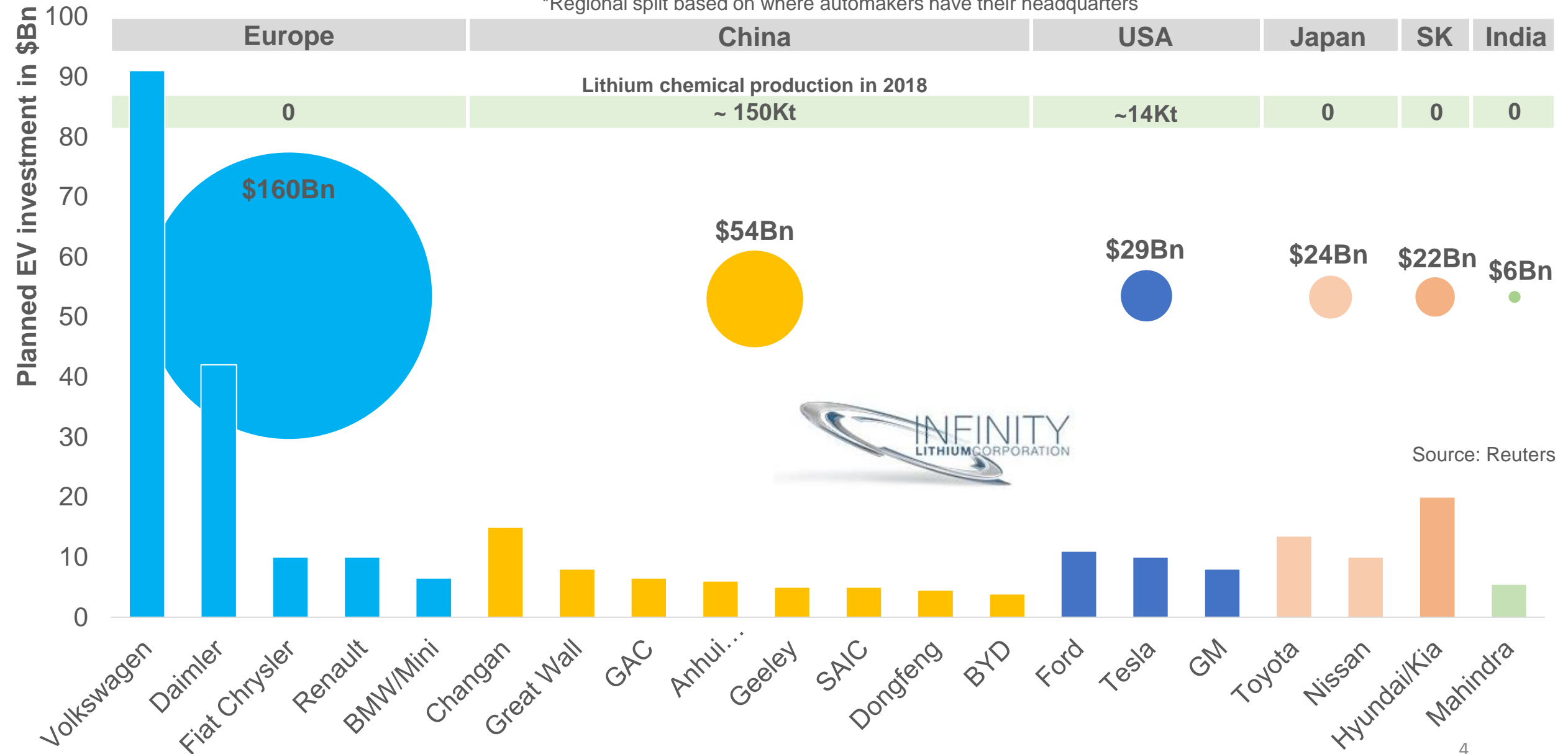


2018-2019 Key Agreements & Investments in the Lithium-ion Battery Supply Chain



Automakers planned spending on EV technology over the next 5-10 years*

*Regional split based on where automakers have their headquarters



2 - Strategically Located in Europe

Europe to become **#2 largest Electric Vehicles** and **lithium-ion battery** producer in the world



Europe will become the **#2 largest consumer** of battery metals such as lithium – but there is **no lithium** production in Europe



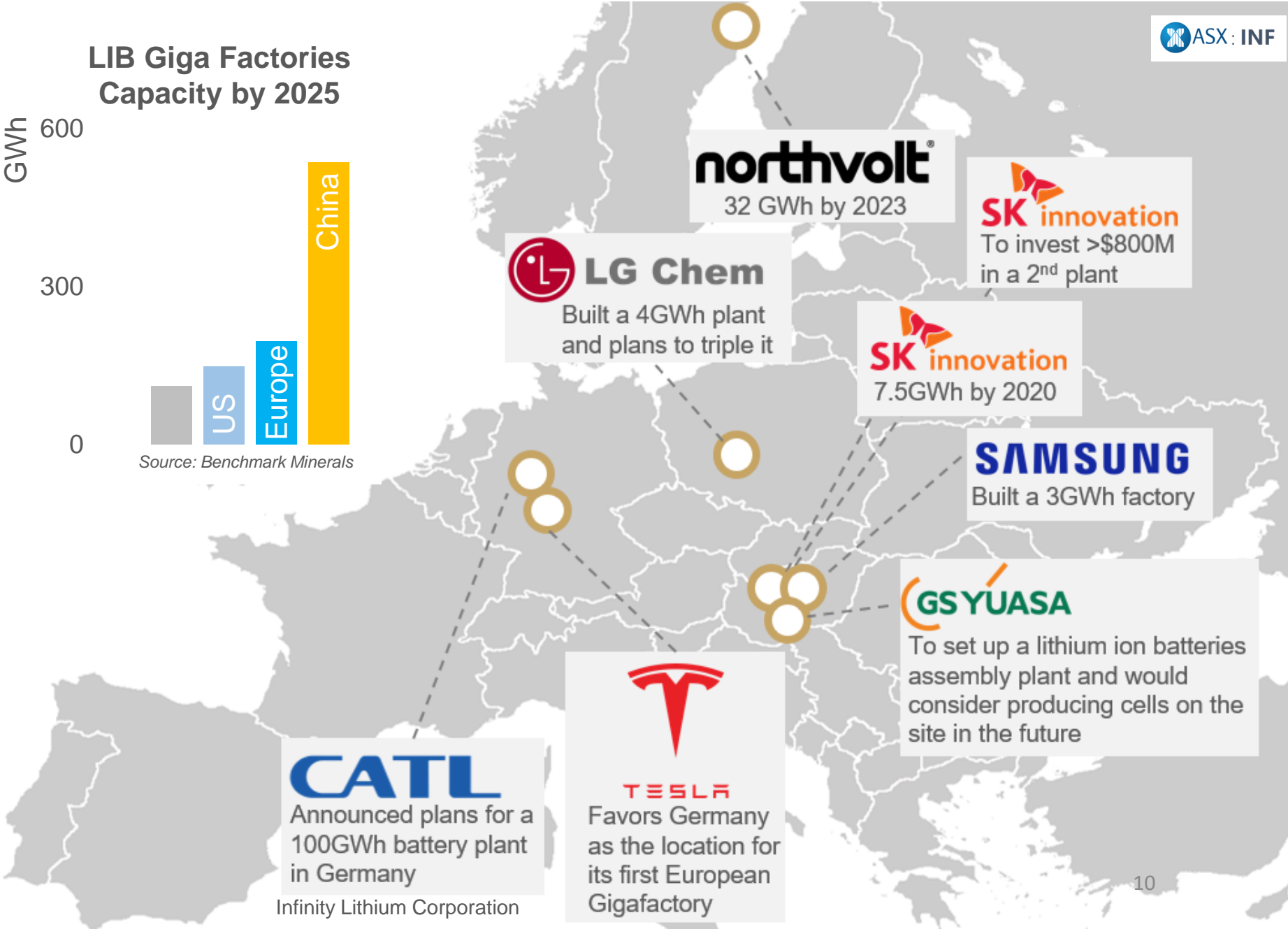
EC and EIB push to develop a **strategic value chain** for manufacturing EV LIBs inside Europe and want to secure access to lithium. They are committed to **provide capital**



The San Jose project a **low risk** and **strategically located** source of lithium chemicals, able to supply end-users **regionally** with a light footprint



A Number of New Lithium-ion Factories Planned in Europe



And...

BYD is looking at launching battery production in Europe

金沙江资本
GSR Capital signed a deal to build a factory that would launch production in 2023

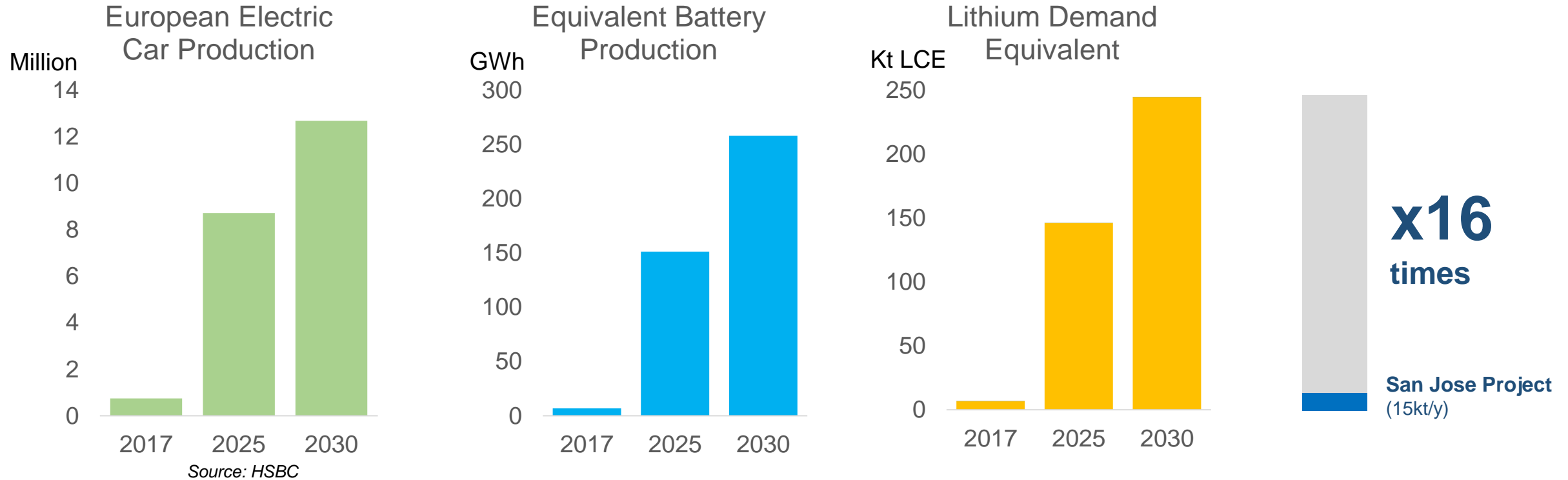
FARASIS selecting the final site for a large-scale lithium-ion cell, plant in the EU

Blackstone Resources to invest \$230M in German EV battery factory plan

A Fully Integrated European Lithium-ion Battery Supply Chain



The EU is pushing to have a fully integrated domestic supply chain, from producing EVs all the way back to producing raw materials. What would it mean for domestic lithium demand?



Notes: Electric cars include HEV, PHEV and EV. Average battery pack for EV is 33kWh in 2017, 45kWh in 2025 and 52kWh in 2030. PHEV average battery pack around 12kWh, HEV around 1kWh. LCE consumption per kWh averaging 0.9Kg.

European Battery Alliance Gathering Momentum



- Infinity Lithium engaged with key European stakeholders at EBA250 with raw materials and chemical processing capabilities remaining a high priority for the European Commission, European Investment Bank, and major European automobile OEMs.



- **Primary and secondary raw materials remain a priority** for the European Commission to address the gap in the existing value chain with no current capacity to refine battery chemicals.



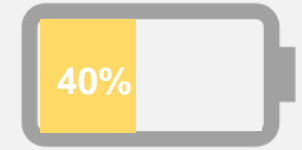
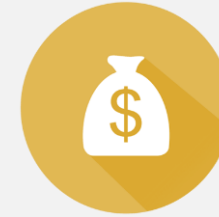
- Commitment to **provide capital** to facilitate growth EV market and European value chain participants.
- Identified the **significant gap** in the market for battery chemicals and reinforced the EIB's specific focus on "raw materials and refining facilities".
- The ability to ethically source raw materials and consideration of **CO2 emissions** remains a priority for the European market.



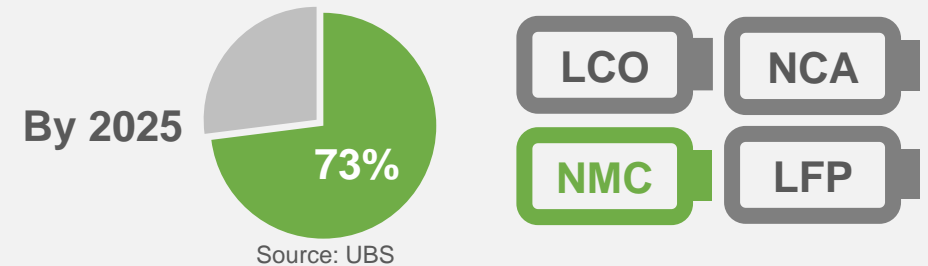
- "Volkswagen has set itself the **goal of promoting lithium production in Europe** in the medium term - there are relevant deposits in Central and Southern Europe, for example"

3 - Focusing On the Fastest Growing Chemical Product

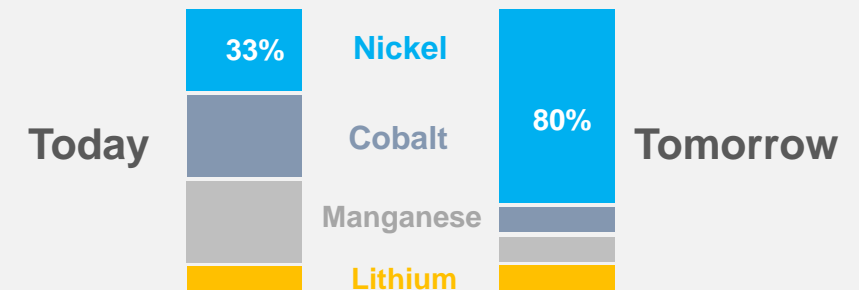
The **cathode** is a battery component which represents the **largest cost** of a battery cell and it is where lithium is used



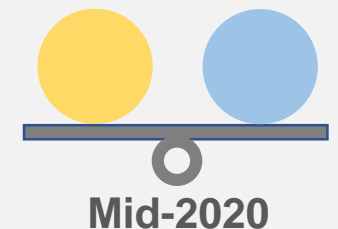
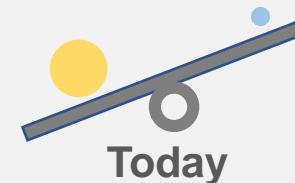
There are different types of cathode but **NMC** (Nickel, Manganese, Cobalt) will **dominate** the industry



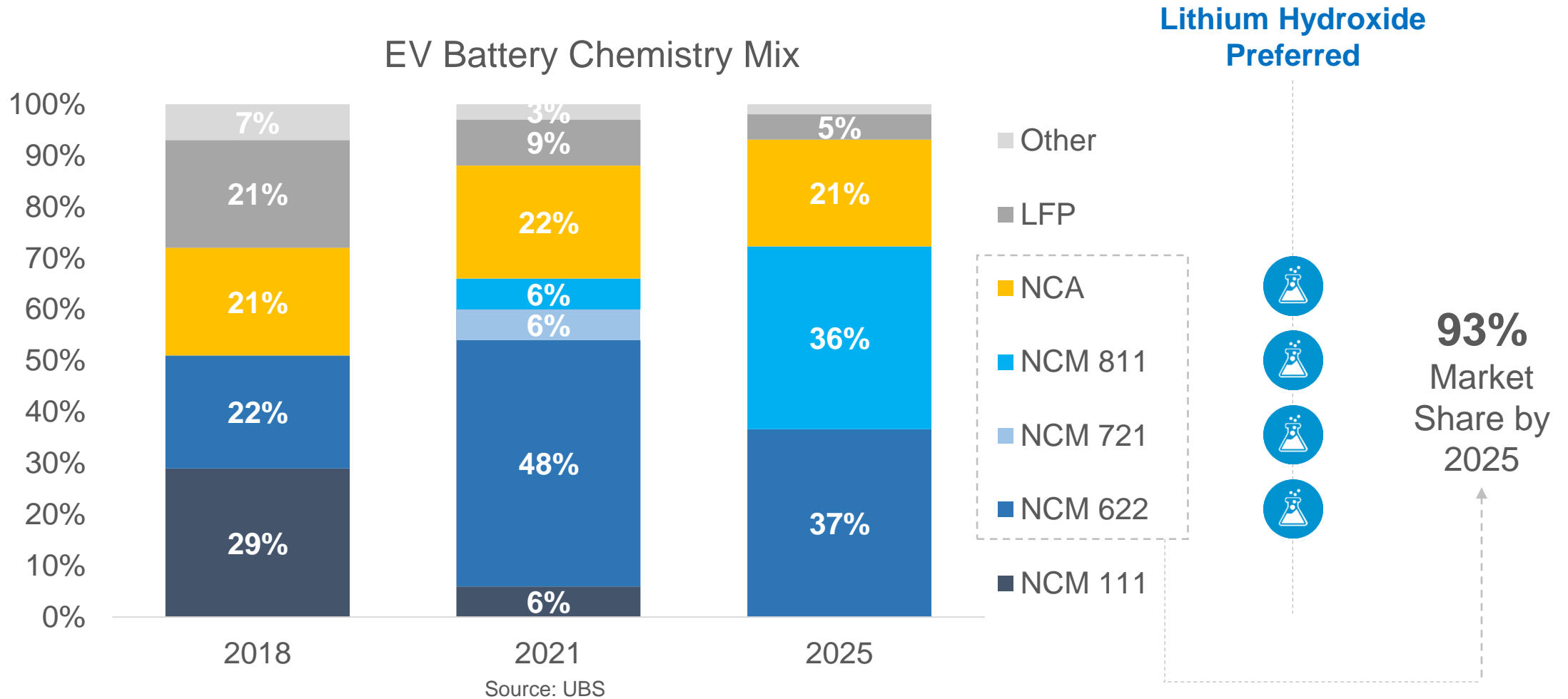
The NMC cathode is evolving and using **more nickel** and **less cobalt** to increase energy density → better driving range



High nickel content cathodes require **lithium hydroxide** as opposed to **lithium carbonate** → faster growth for hydroxide >30%py



Cathode Evolution: Nickel-rich NMC to Dominate the Industry



New Cathode Investments – One More Step Towards Back Integration

Cathode Investments in Europe



Umicore is planning to build a cathode plant in Poland. The first phase of this investment is included in the € 660 million programme announced earlier this year. Umicore is due to start deliveries in late 2020.



BASF and **Norilsk Nickel** enter exclusive negotiations to cooperate on raw material supply for battery materials production in Europe. BASF intends to invest up to €400 million in a first step to build production plants for cathode materials in Europe.



Johnson Matthey expects to start production in 2021-22 in Poland of a battery material it has developed with improved performance and reduced cobalt content to contain costs.



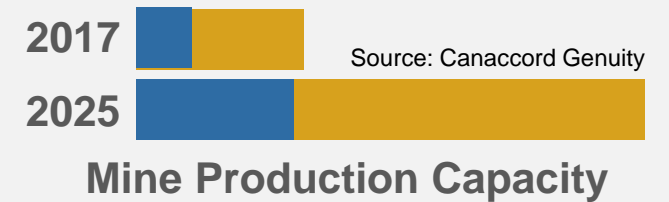
Northvolt is also planning to build its cathodes in-house after they start their battery factory in Sweden.

4 - A Uniquely Fully Integrated Lithium Project

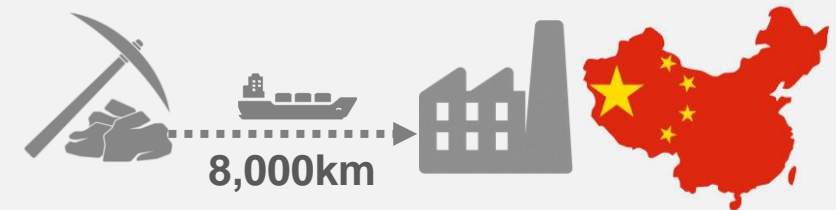
Lithium is mostly produced from either brine-based deposits in **South America** or from hard-rock mineral deposits in **Australia**



Hard-rock to dominate lithium production in the future: easier to operate, lower risk jurisdiction, cheaper to produce lithium hydroxide

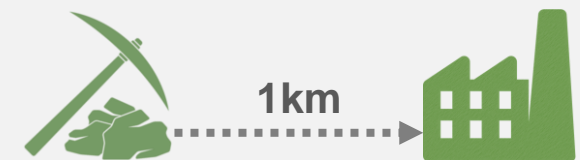


Today, majority of lithium hard rock production is **exported to China** for conversion into lithium chemicals

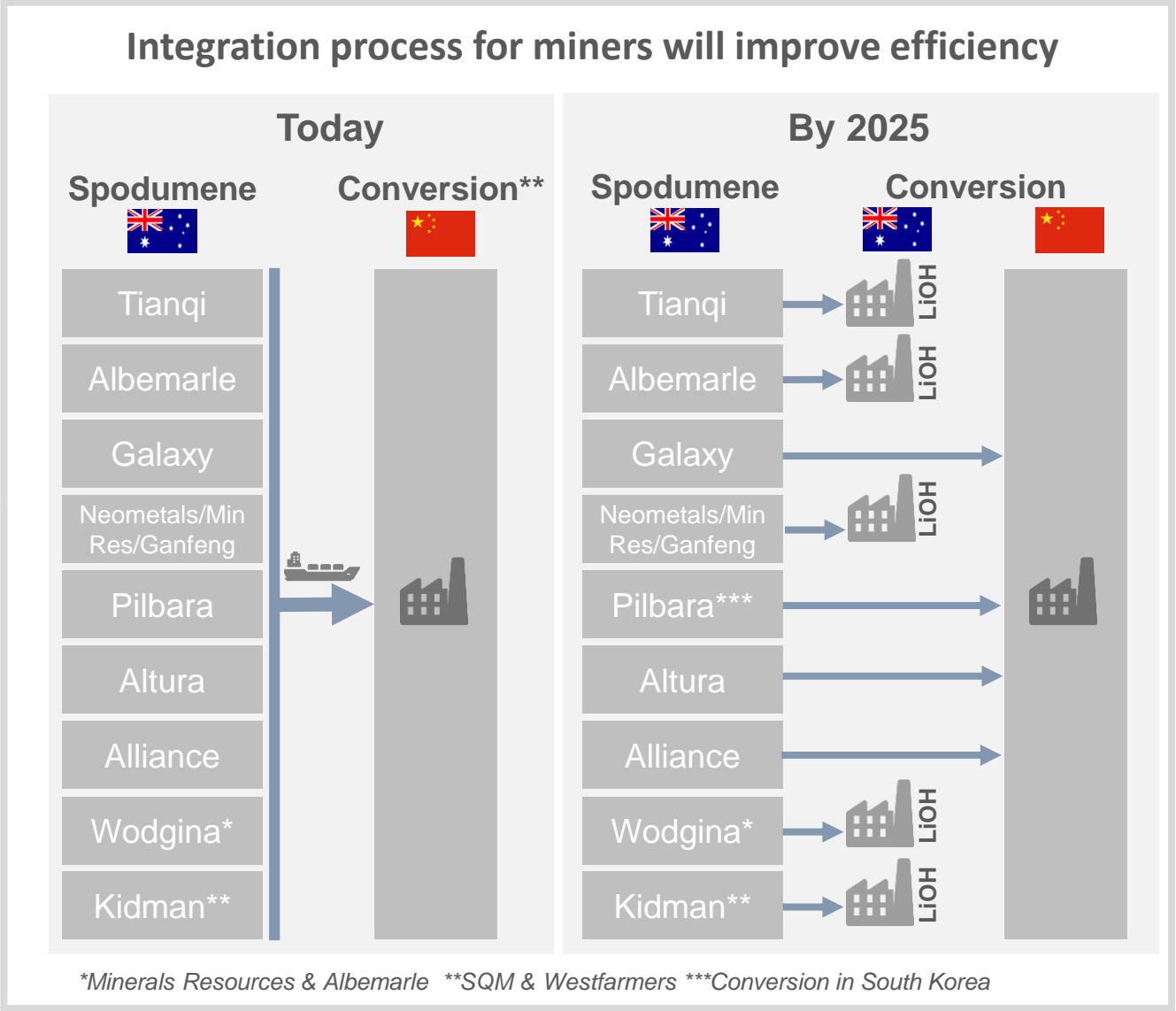
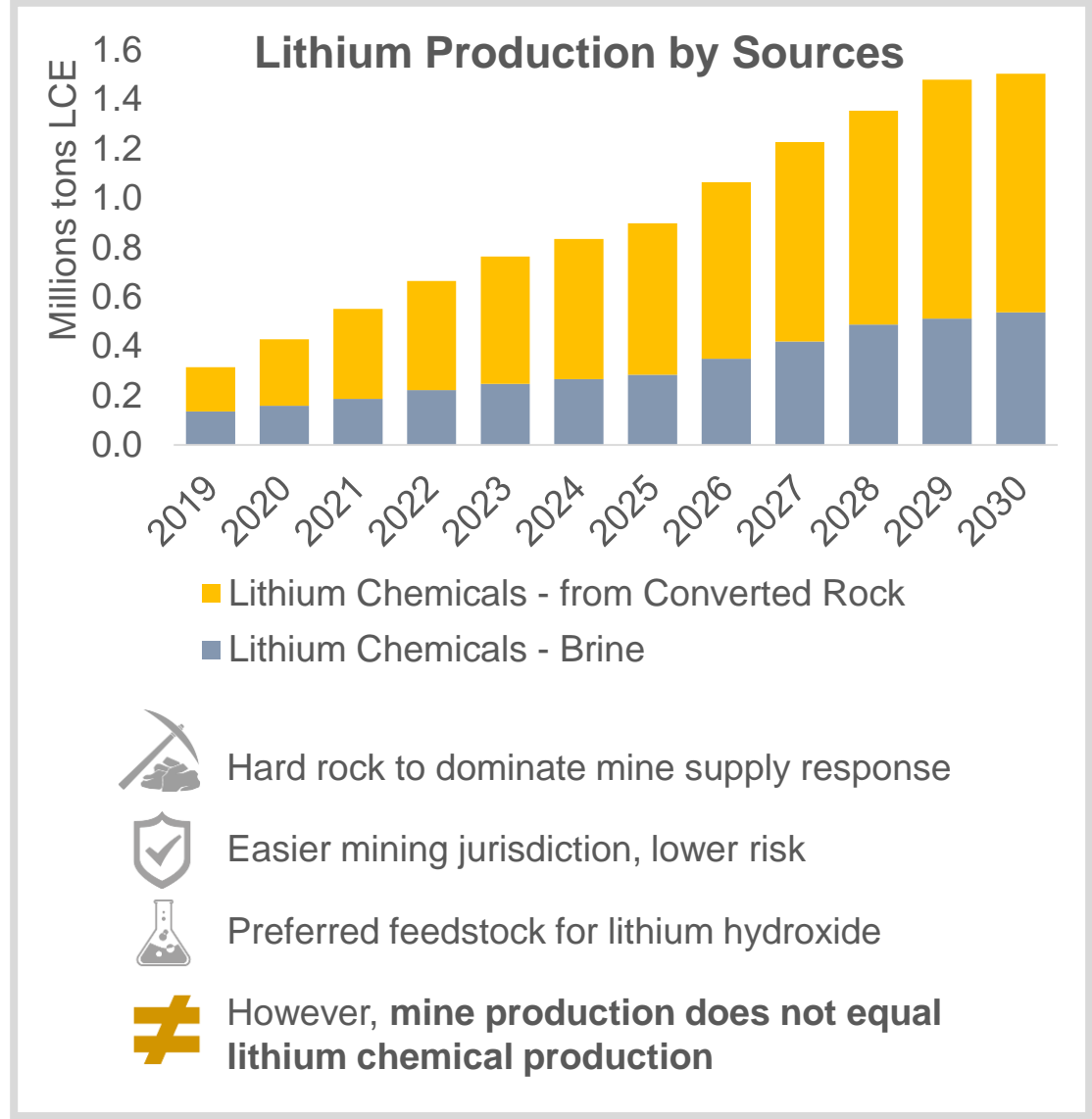


San Jose is an **industrial project** where the mine and the chemical operation are adjacent:

- No shipping
- No import duties on feedstock
- No third party converters



Integration: The Way Forward for Hard Rock Production



Source: Canaccord Genuity - Lithium | 2019 recharge



5 - A Large And Long Term Asset Supporting EV Growth

Second largest lithium resource in the European Union
JORC Resource 111.2Mt (Ind. 59Mt, Inf. 52.2Mt)



LCE: Lithium Carbonate Equivalent

To operate for **24 years**, including 16 years of mining but only depleting <50% of JORC resource



To produce around **15,000t** of lithium hydroxide battery grade per year

Enough to power
10 Million
Full Electric Vehicles
over the life of the project



Strategically Located in Extremadura, Spain



Spain

- #2 largest car manufacturer in Europe
- Proposes to veto the sales of ICE cars in 2040
- Promotes the manufacture of batteries for electric cars in Spain

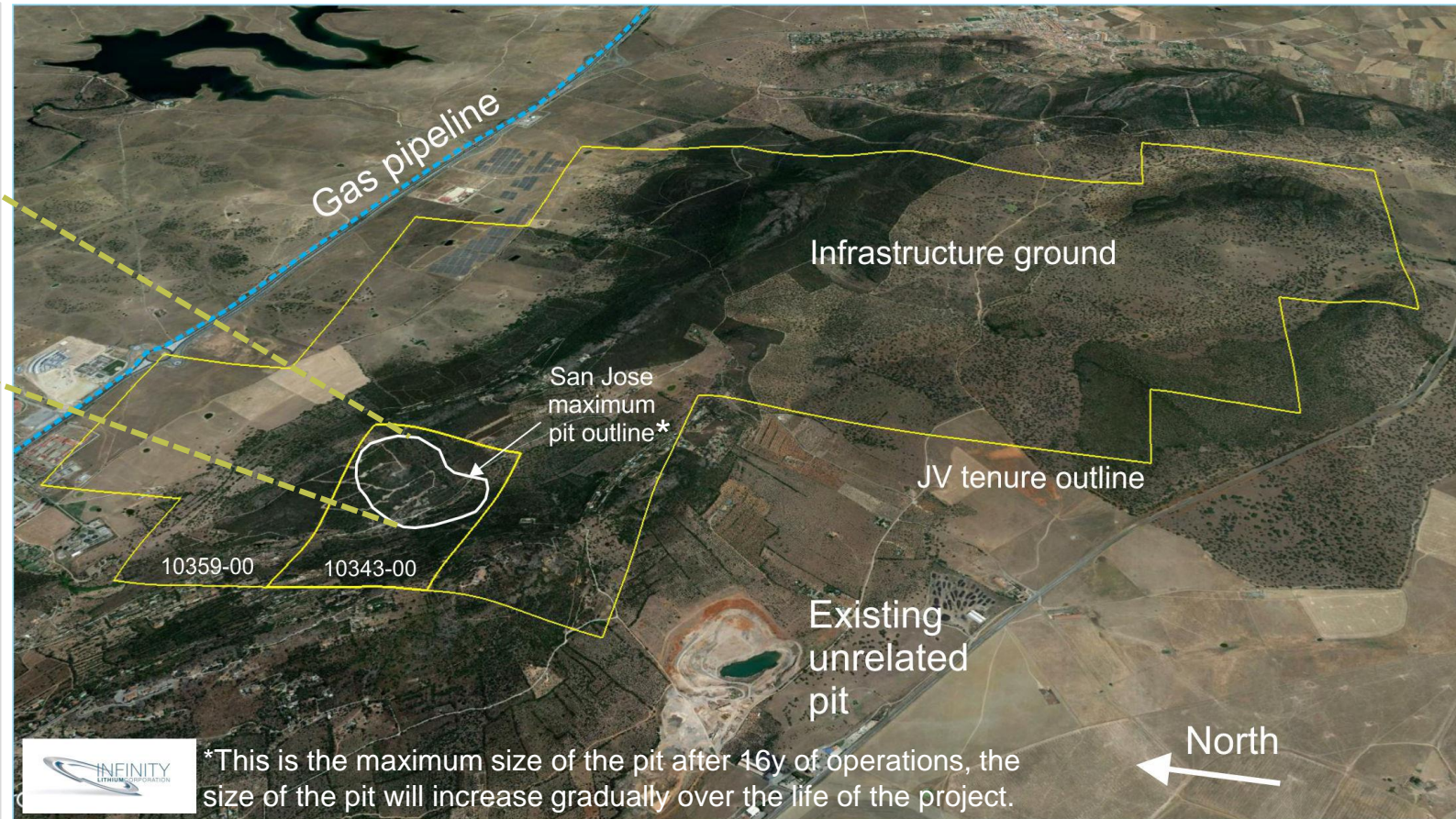
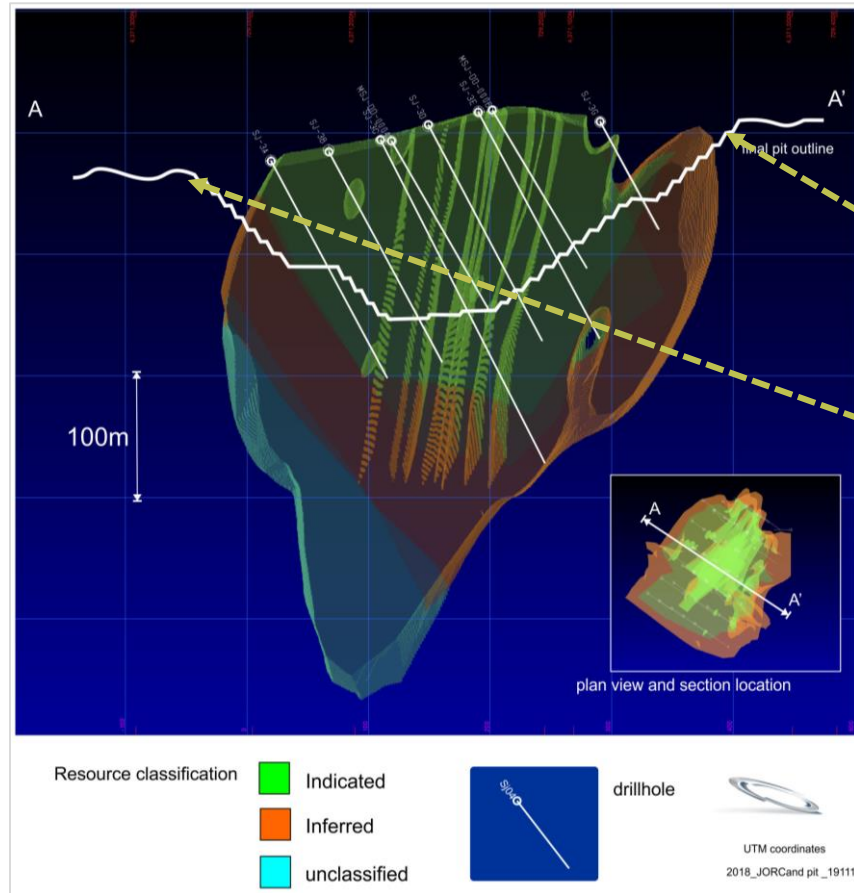


Extremadura

- Region of high poverty and unemployment
- #2 largest lithium resources in Europe
- Drive to develop the industrial sector and mining proactive (230 mining projects)
- Infinity's project to offer more than 200 direct jobs and another 1,000 supporting roles, as well as >US\$1 Billion in tax for the region



Fully Integrated Project - From Mining to Lithium Hydroxide



Plan view of San Jose showing drilling, distribution of resources showing indicated (lime green), inferred (orange) against drill pattern

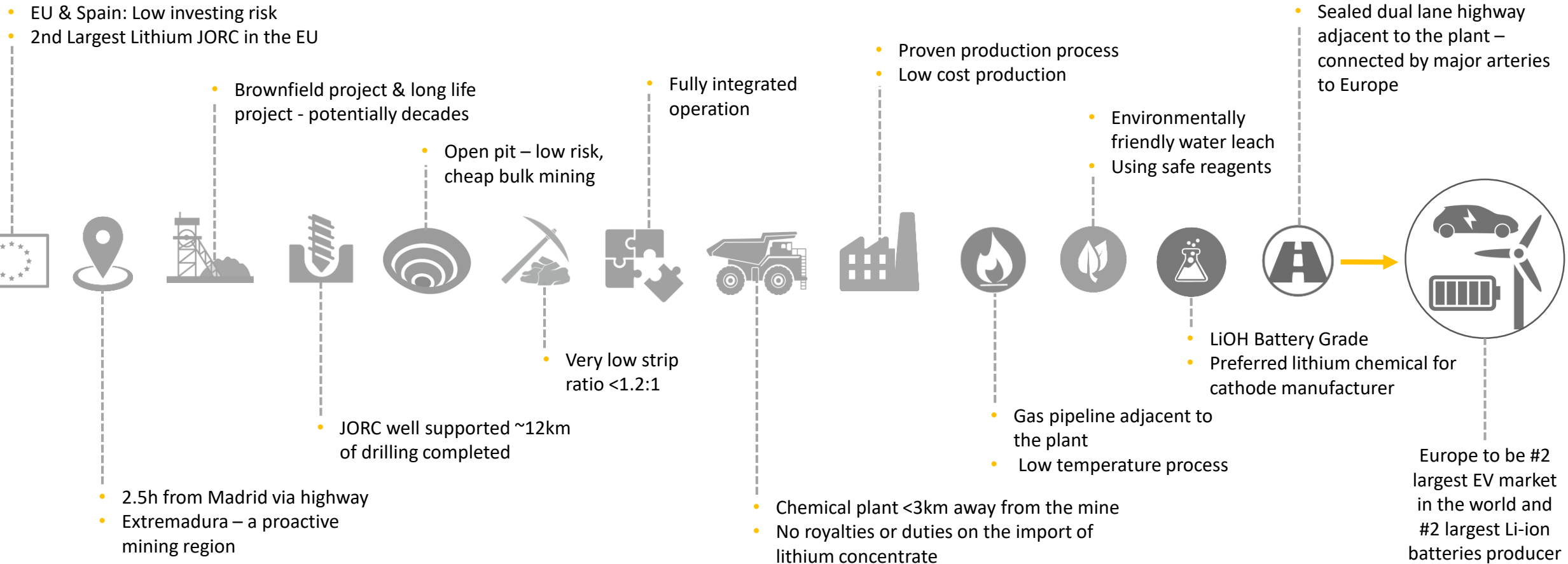
SAN JOSE MINERAL RESOURCE, REPORTED ABOVE 0.1% LI CUT-OFF

Classification	Tonnes (Mt)	Li(%)	Li ₂ O (%)	Sn ppm
Indicated	59.0	0.29	0.63	217
Inferred	52.2	0.27	0.59	193
TOTAL	111.3	0.28	0.61	206

+90% Indicated Resources

1.66Mt
LCE

Fully Integrated Project - From Mining to Lithium Hydroxide



6 - Lithium Project Supported by Strong Economics



NPV ⁽¹⁰⁾
\$717M



IRR (pre-tax)
51%



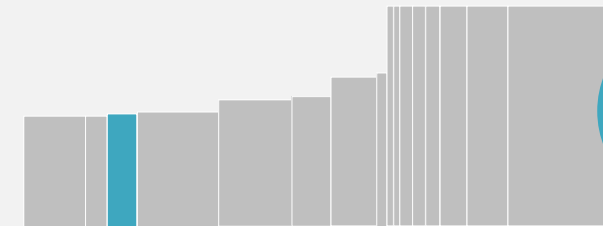
Pay back
2.3 years

OPEX at the bottom of the cost curve for lithium hydroxide at around **\$5,343/t**

Lithium Hydroxide
Cost Curve

2022

Source: Cannacord



OPEX
\$5,343

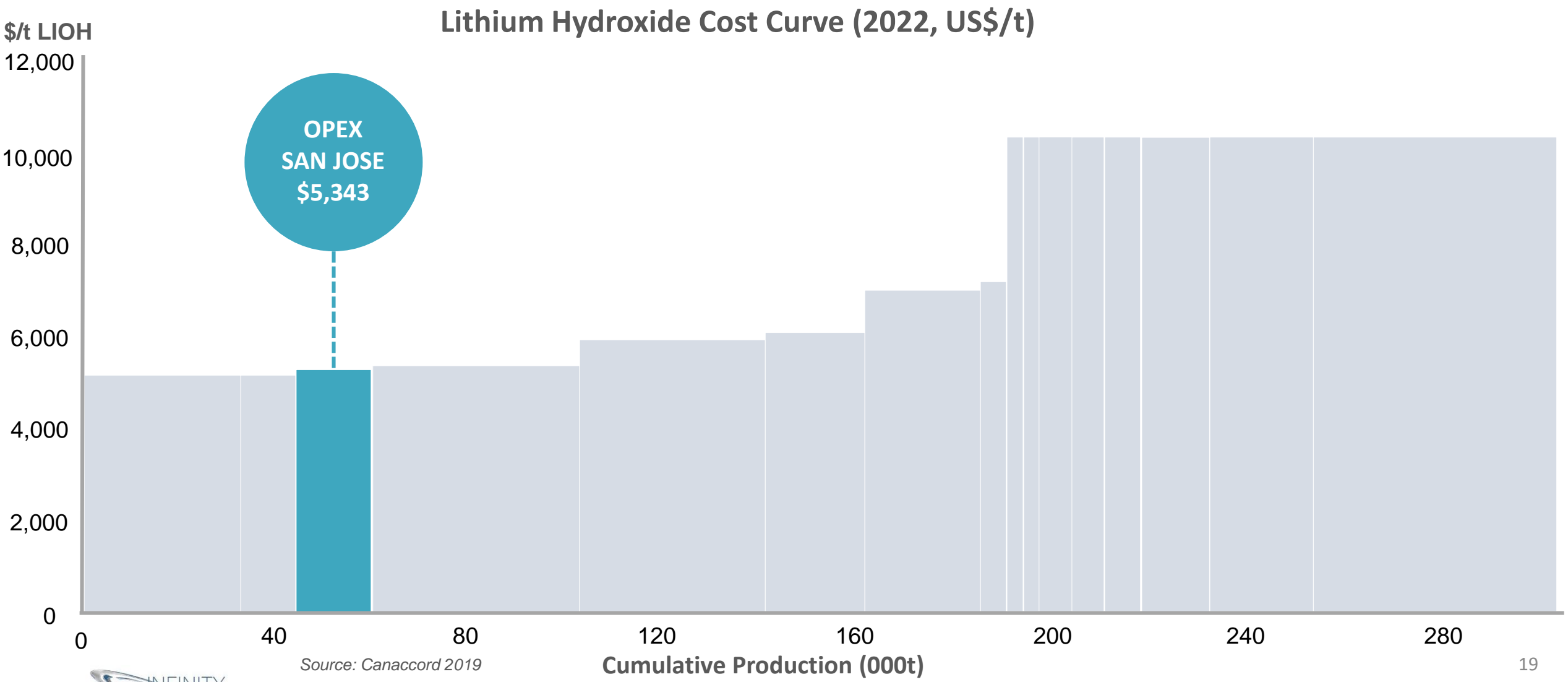
Lithium hydroxide battery grade **price** at an average of **\$14,896/t** for the life of the project



Starting **CAPEX** at US\$288M with a **low capital intensity** of \$19,200/t



Global Lithium Hydroxide Cost Curve In 2022



Scoping Study Project Economics* - Lithium Hydroxide

(100% Project Basis)

*See Disclaimer slide

NPV ₁₀ NPV ₁₀	Pre-tax	\$	US\$717m ⁽¹⁾ US\$1,017m ⁽²⁾	NPV ₈ NPV ₈	Post-tax	\$	US\$631m ⁽¹⁾ US\$905m ⁽²⁾
IRR	Pre-tax	📈	51% ⁽¹⁾	IRR	Post-tax	📈	37% ⁽¹⁾
Average OPEX		🧪	US\$5,343/t	CAPEX (Start-Up)		🏭	US\$288m ⁽³⁾
Gross Operating Cash Flow (1 st 10 years production)		📊	US\$122m pa	Payback Period		🎯	2.3 years
Project Life		⛏️	24 years	Resource (2 nd largest in EU)		🏗️	1.6Mt LCE
Annual Production of lithium hydroxide		🚚	14-15kt pa	Annual ROM		🚛	1.25Mt pa



Fully integrated hard rock based project, from mining to producing battery grade lithium hydroxide, using a proven and low cost process, and generating high margins in a low risk environment.

Assumed Sales Price: (1) Average LOM LiOH US\$ 14,896/t
(2) Average LOM LiOH US\$ 17,733/t

Assumed CAPEX: (3) All CAPEX includes 10% contingencies
NPI CAPEX included at Start-up US\$11m (Inception to year 2)
Ongoing CAPEX US\$17m (year 3 to 7)

7 - A Sustainable, Low Carbon Footprint Operation

Integrated plant and proximity to end-markets lead to **very low transport footprint**, reducing **CO2 emissions** to a minimum



Using **fertilizer or safe reagents** for processing



Low water consumption, 40 times less than in brine production, most of the water is **recycled**

Hard Rock

Spain

Brine

South America

x40 water
consumption

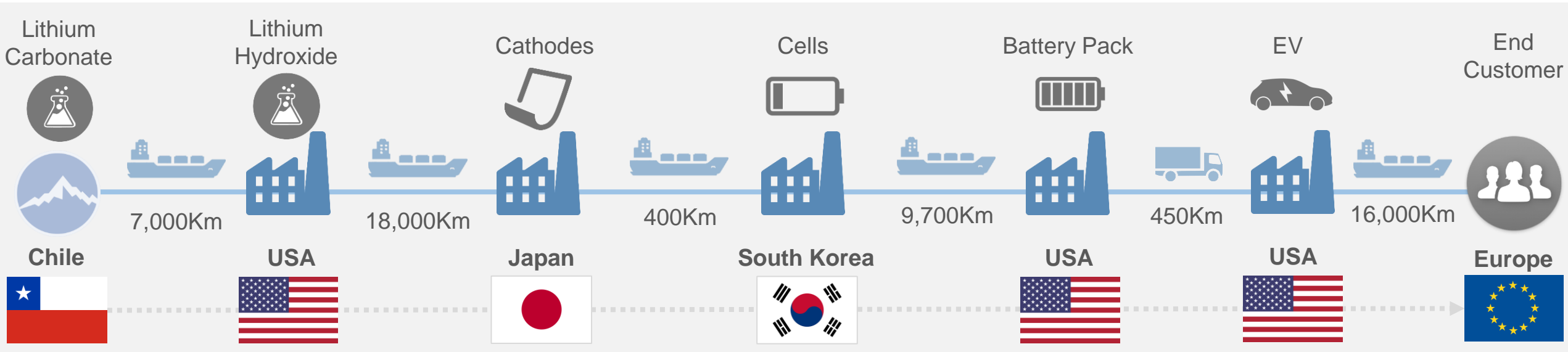
All reagents necessary for lithium processing **available domestically** as opposed to importing them from thousands of kilometers away



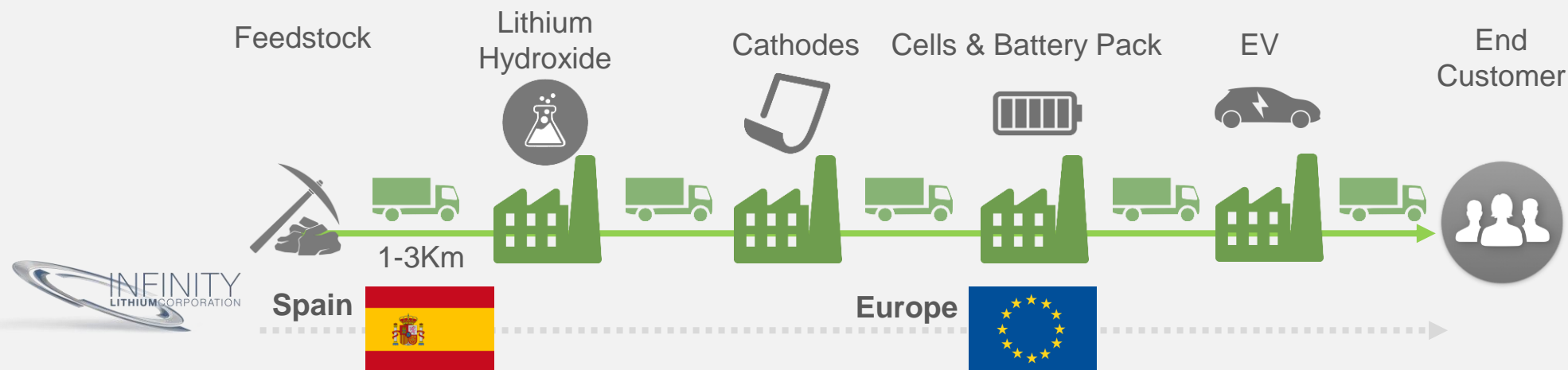
Carbon Footprint - Lithium

What is likely to happen when you buy a luxury EV in Europe

The lithium inside your car travels more than **50,000km** before you even start driving*



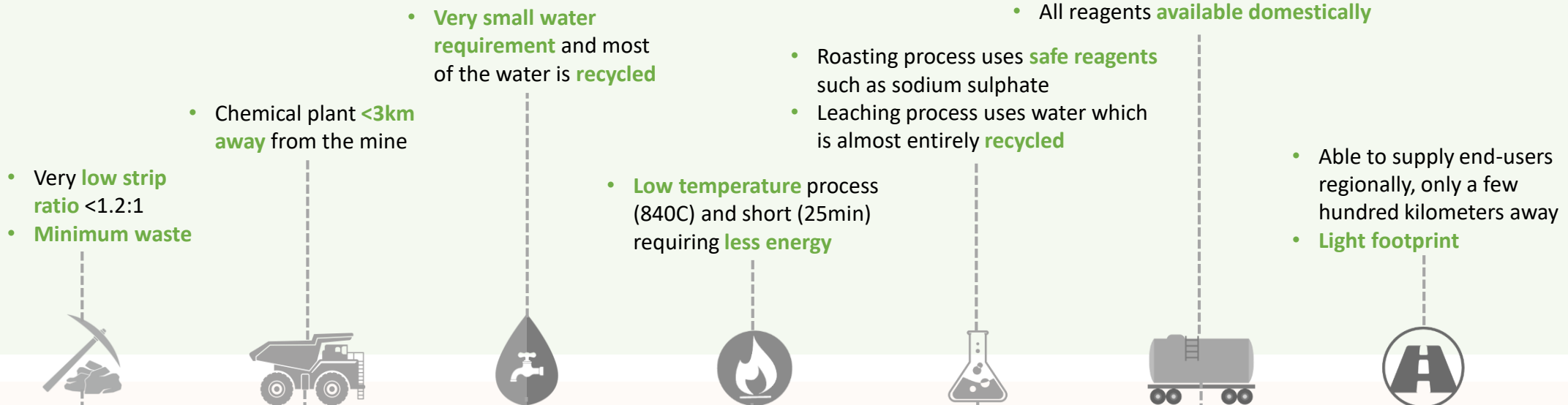
Integration – dramatically reducing the carbon footprint



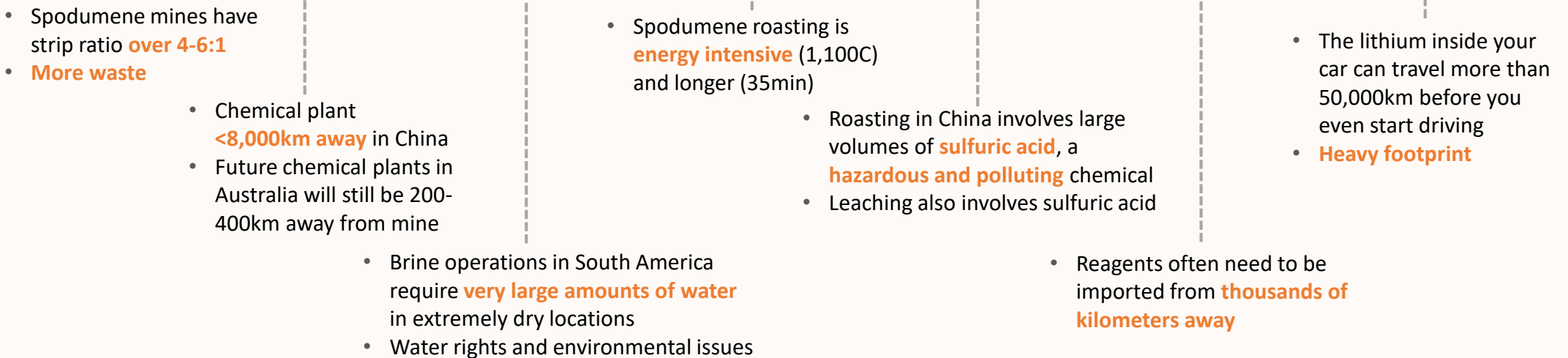
Potentially
<1/10 of
existing carbon
footprint

San Jose: A low Carbon Footprint & Sustainable Project

Infinity Lithium



Others



San Jose is a unique fully integrated lithium project, offering the



European lithium-ion battery industry in Europe a long term, large, and sustainable source of supply.

7 Points Summary

1- Astonishing Demand Outlook For Lithium



2- Strategically Located in Europe



3- Focusing On the Fastest Growing Chemical Product



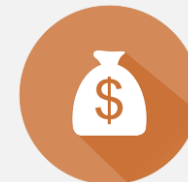
4- A Uniquely Fully Integrated Lithium Project



5- A Large And Long Term Asset Supporting EV Growth



6- San Jose Lithium Project Supported by Strong Economics

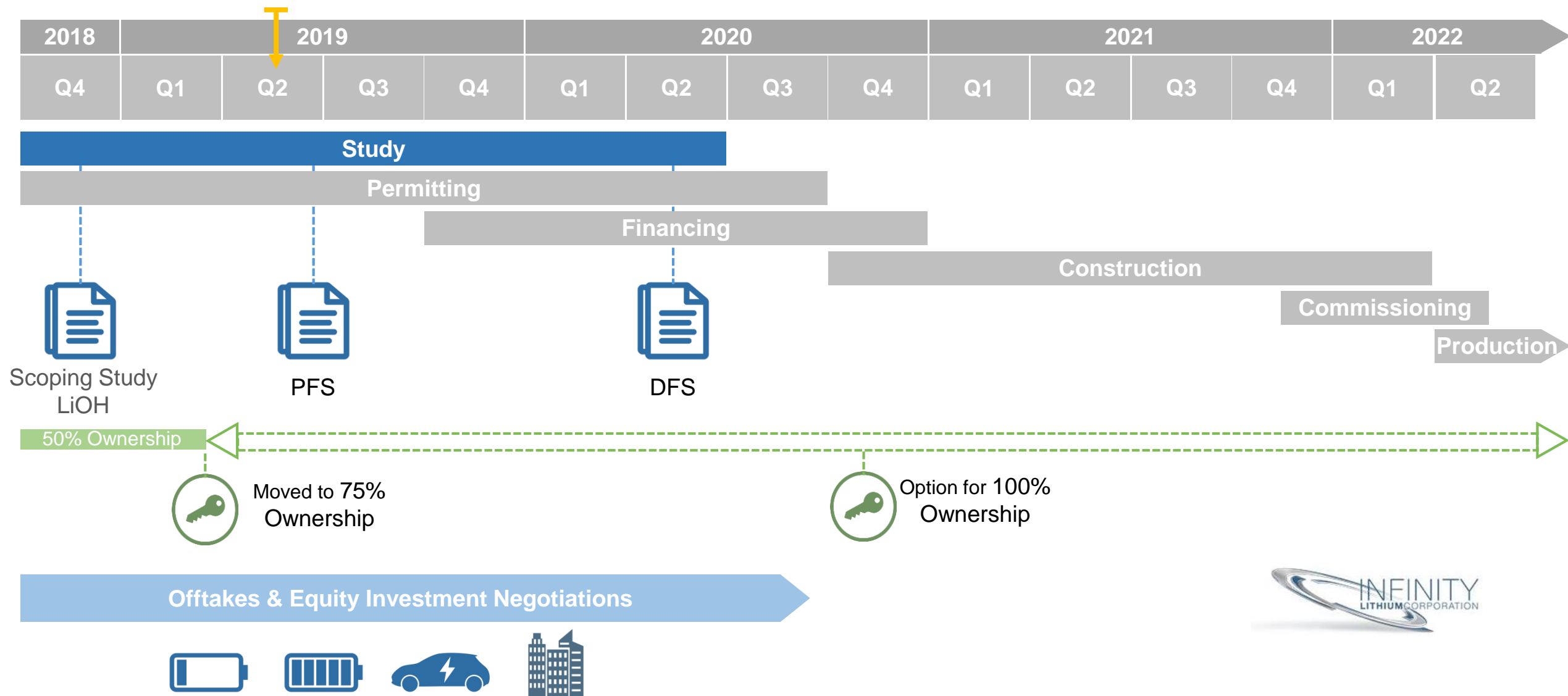


7- Sustainable, Low Carbon Footprint Operation





San Jose Project Timeline



Board of Directors & Management

Kevin Tomlinson
Non Executive Chairman



MSc Geol, Grad
Dip Finance &
Investment

- +30 years experience in mining and finance within the Toronto, Australian, and London stock markets
- Background in project finance, development, and mining experience includes previous roles as Managing Director at Westwind Partners/Stifel Nicolaus and as a board member of Medusa Mining
- Currently on Boards of Centamin (LSE.CEY and dual TSX.CEE listed) and Cardinal Resources (ASX.CDV)



Ryan Parkin
Managing Director/CEO



CA ANZ
BComm
Accounting &
Finance

- +15 years experience in corporate development, accounting and finance in both listed and unlisted companies
- Currently on Board of non-listed mining industry entity

Robert Orr
CFO & Company Secretary



Chartered
Accountant

- Acted as Chief Financial Officer and Company Secretary for a number of ASX listed companies, with over 30 years' experience in public practice and commerce.

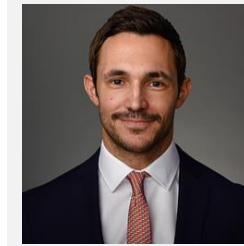
Adrian Byass
Executive Director



BSc Geol Hons,
B. Econ

- +20 years in the mining industry both in listed and unlisted entities globally, Non-Executive and Executive Director of various listed and unlisted mining entities, which have successfully transitioned to production in bulk, precious and specialty metals around the world
- Currently on Boards of ASX phosphate, zinc and nickel companies.
- ASX and AIM Board experience

Vincent Ledoux Pedailles
Executive Director



MA Business

- Background in consulting and research in the petrochemical industry, specialty chemicals, industrial minerals, base and minor metals
- Led the Lithium & Battery Metals team at IHS Markit and involved in the lithium industry since the early 2010's starting with Talison Lithium

David Valls
Technical Manager - Spain

BSc Geology



- +10 years in the mining and exploration industry in Europe and Africa as technical manager in the development of base and energy metals projects

Corporate Overview

ASX Code	INF
FRA Code	3PM
Share Price	A\$0.091 ⁽¹⁾
Shares on Issue	190.17m
Market Capitalization	A\$17.5m
Cash	A\$1.6m ⁽²⁾
Debt	Nil

Board of Directors & Management

Kevin Tomlinson	Non Executive Chairman
Ryan Parkin	Managing Director/CEO
Adrian Byass	Executive Director
Vincent Ledoux-Pedailles	Executive Director
Rob Orr	CFO & Company Secretary
David Valls	Project Manager (Spain)



Top 20 Shareholders 37.9%

Directors & Mgt 3.6%

(1) Closing share price 1st May 2019

(2) As at 31st March 2019



























INFINITY LITHIUM

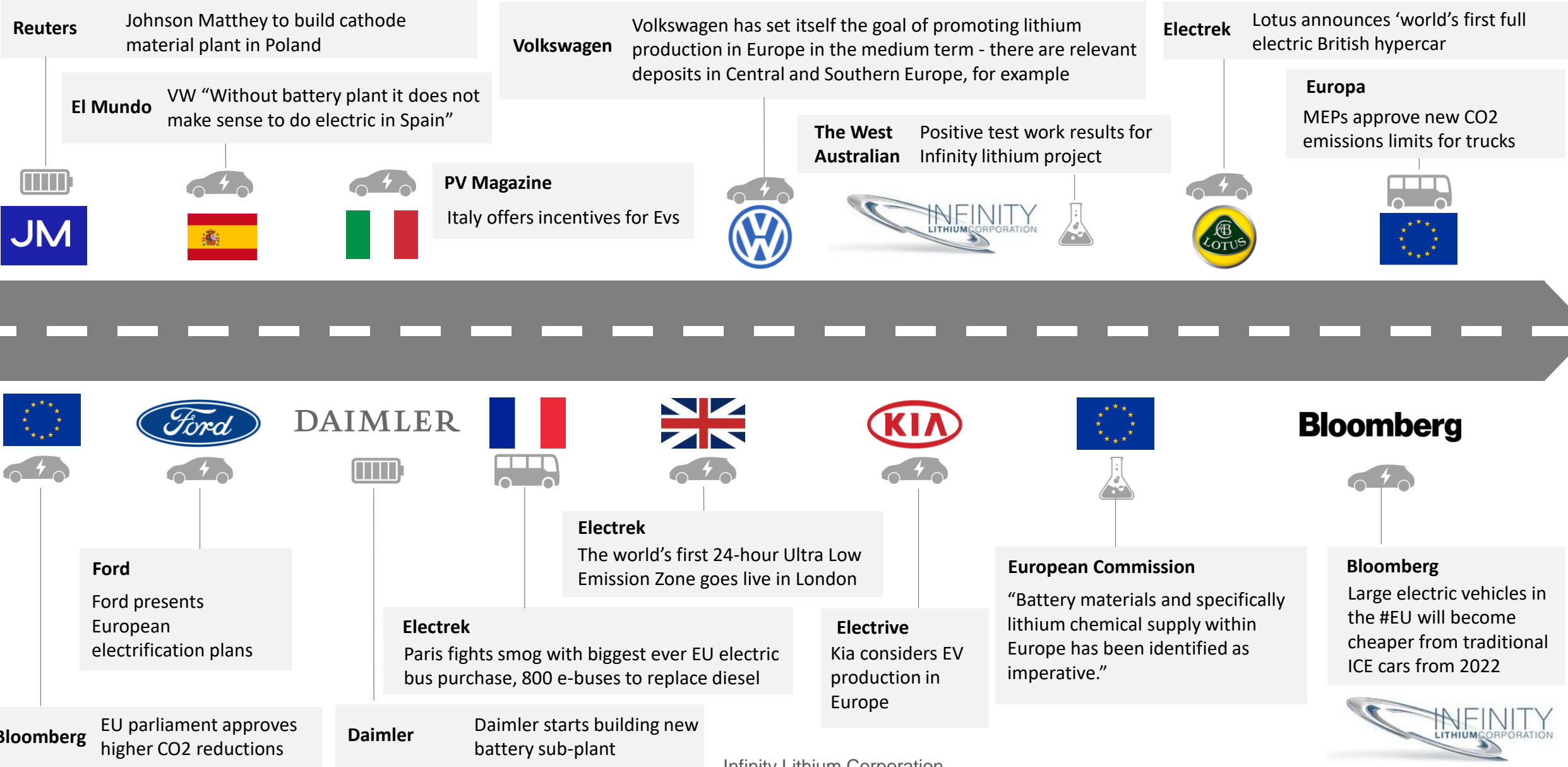
Developing lithium production in Europe to
power a renewable future

Appendix

Infinity: The Best Large Scale Integrated Project In The EU

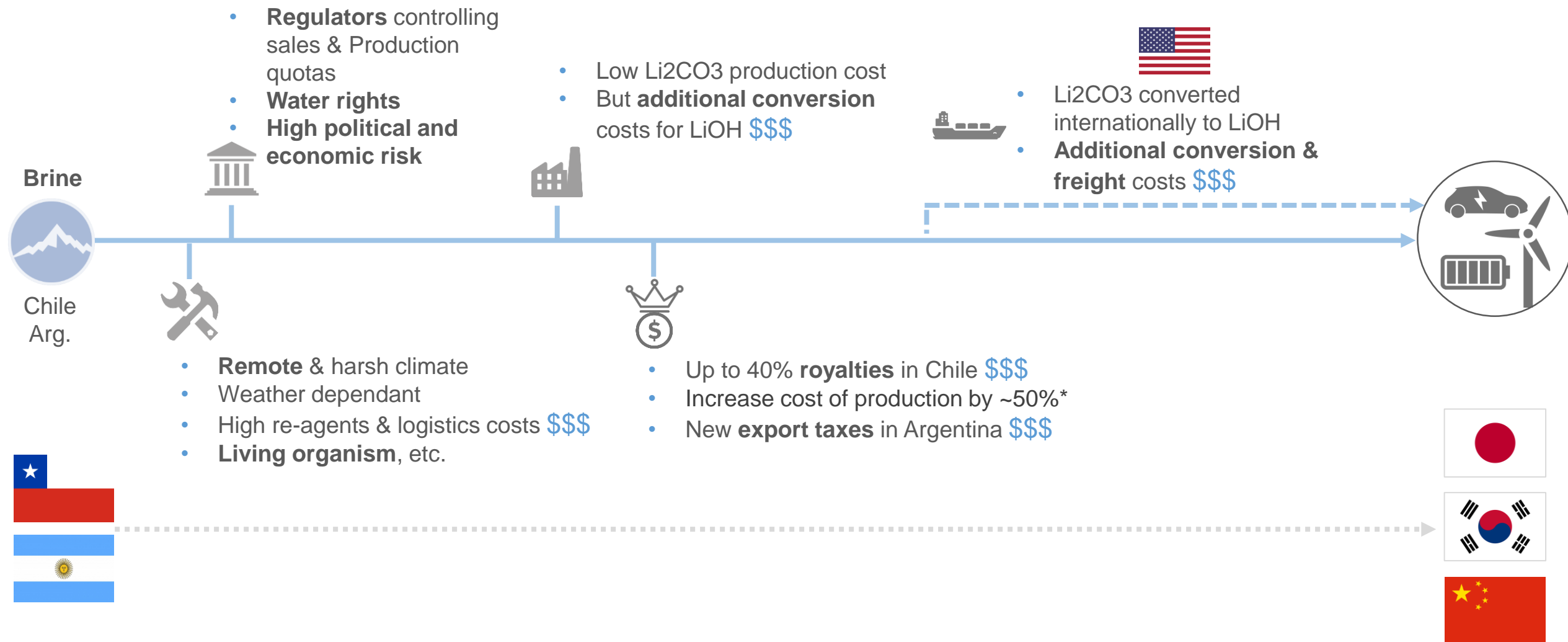
Company	European Metals	Infinity Lithium	Bacanora	Savannah Res.	Keliber	European Lithium	Lithium Australia
Project	Cinovec Czech Republic	San Jose Spain	Zinnwald Germany	Mino do Barroso Portugal	Several Finland	Wolfsberg Austria	Sadisdorf Germany
Mineral	Mica (Zinnwaldite)	Mica (Zinnwaldite)	Mica (Zinnwaldite)	Spodumene	Spodumene	Spodumene	Mica (Zinnwaldite)
Li2O (%)	0.42	0.86*	0.7	1.04	1.16	1.0	0.45
Mine	Underground 	Open pit	Underground 	Open pit	Open pit & Underground	Underground 	Underground 
Resources	7Mt LCE	1.6Mt LCE	0.75Mt LCE	0.52Mt LCE	0.29Mt LCE	0.27Mt LCE	0.27Mt LCE
Stage	Work on DFS Li2CO3 Work on PFS for LiOH	Working on PFS	Working on FS	Working on FS	DFS completed	Working on DFS	Exploration
End-product	Li2CO3 or LiOH	LiOH	n.a	Spodumene	LiOH	LiOH	Li2CO3
Opex \$/t (before credits)	5,211  	5,343 	n.a	271 	5,358 	7,160   	n.a
By-product	Calculated Tin, tungsten & potash	Not calculated Tin & boron	n.a	Not calculated Quartz & Feldspar	Not calculated Analcime sand & quartz-feldspar sand	Not calculated Feldspar & Quartz	n.a
Capex	\$393M	\$288M**	n.a	\$109M	\$370M	\$424M	n.a
Project life	21y 	24y 	n.a	11y 	13y 	10y 	n.a
Production	22,500tpy	15,000tpy	n.a	175,000tpy spod.	12,000tpy	10,000tpy	n.a
Capex/t (\$/t)	17,467 	19,200 	n.a	n.a	30,800  	42,400   	n.a
Comment	<ul style="list-style-type: none"> High Iron Content Aggressive beneficiated feedstock at 2.7% 		<ul style="list-style-type: none"> Early Stage 	<ul style="list-style-type: none"> Export to China Not integrated 	<ul style="list-style-type: none"> To buy feedstock after 13 years Have to operate at 7 different sites 	<ul style="list-style-type: none"> High Capex High Opex Short life 	<ul style="list-style-type: none"> Using an unproven technology (SiLeach)

April News The European Li-ion Battery Supply Chain



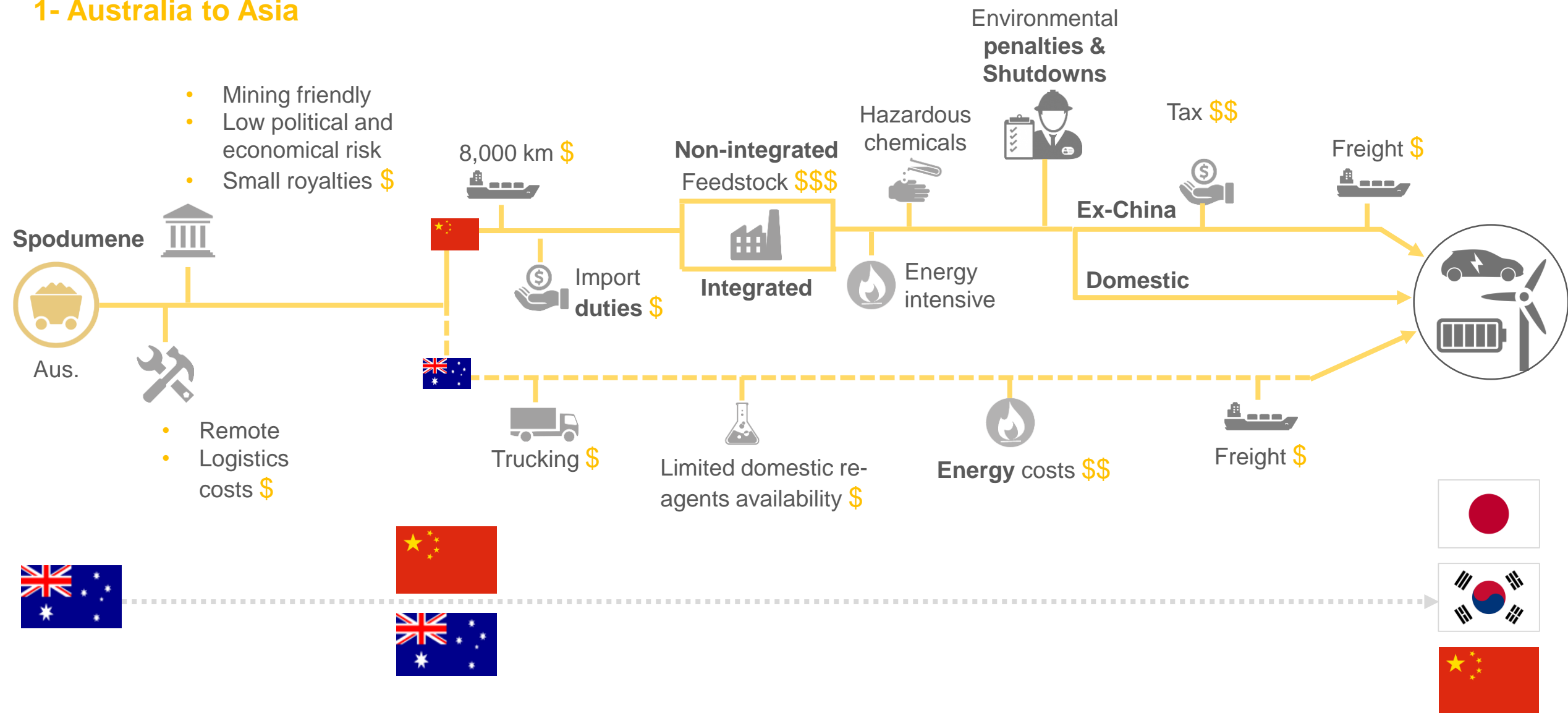
Many Paths to Market but Integration & Proximity is Key

1- South America to Asia



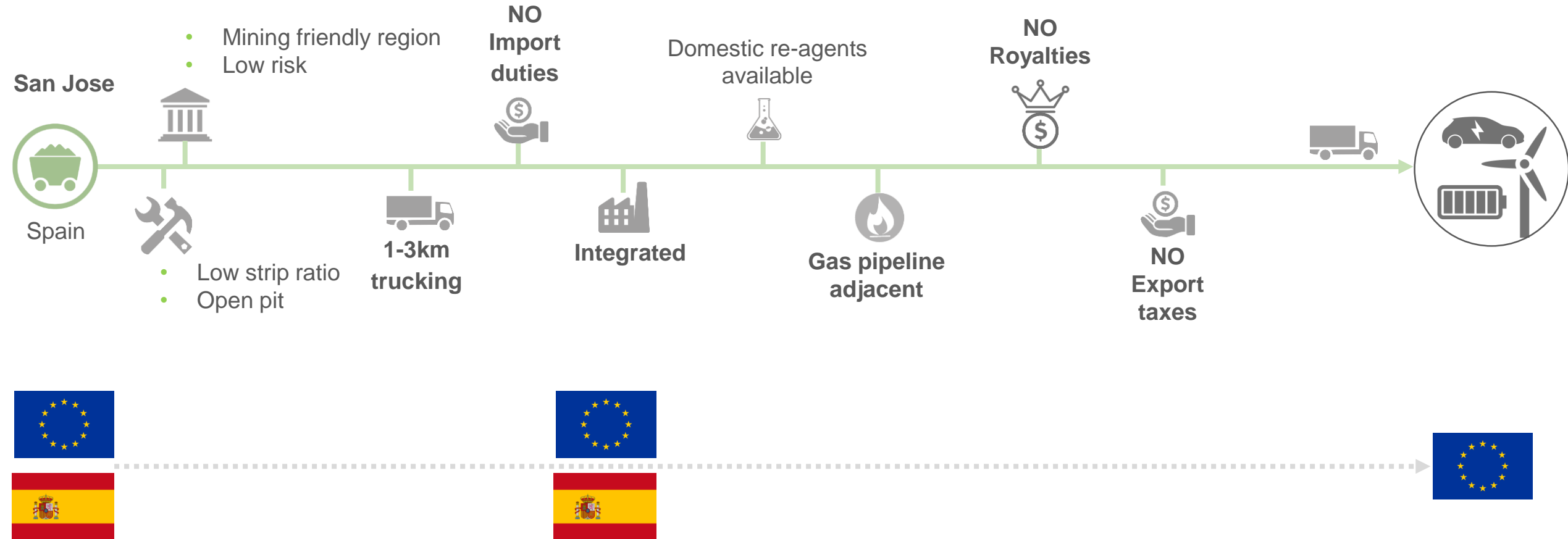
Many Paths to Market but Integration & Proximity is Key

1- Australia to Asia



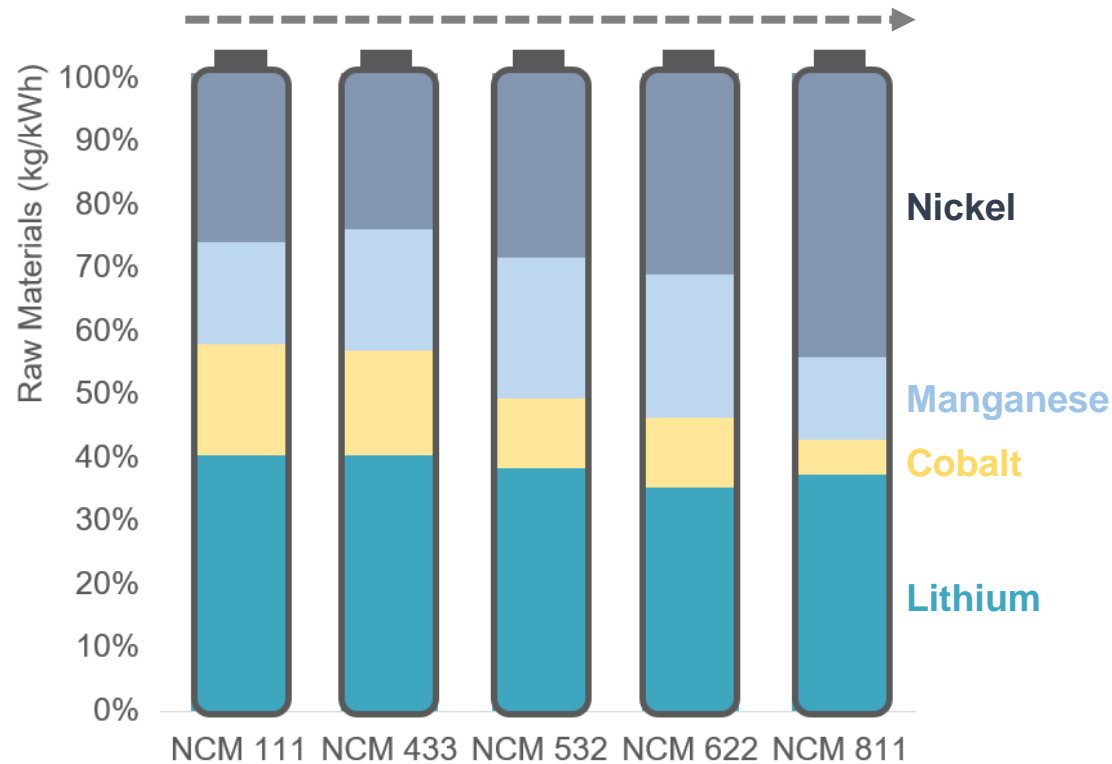
Many Paths to Market but Integration & Proximity is Key

3 – Europe to Europe



Cathode Technology Evolution Leading To Shift In Lithium Demand

NMC – a leading technology evolving



- **NMC is set to dominate** the industry
- The NMC cathode itself is evolving and using **more nickel**
- NMC 622 & 811 but also NCA **require lithium hydroxide**

Source: BNEF, Canaccord

Lithium Demand: Carbonate vs. Hydroxide

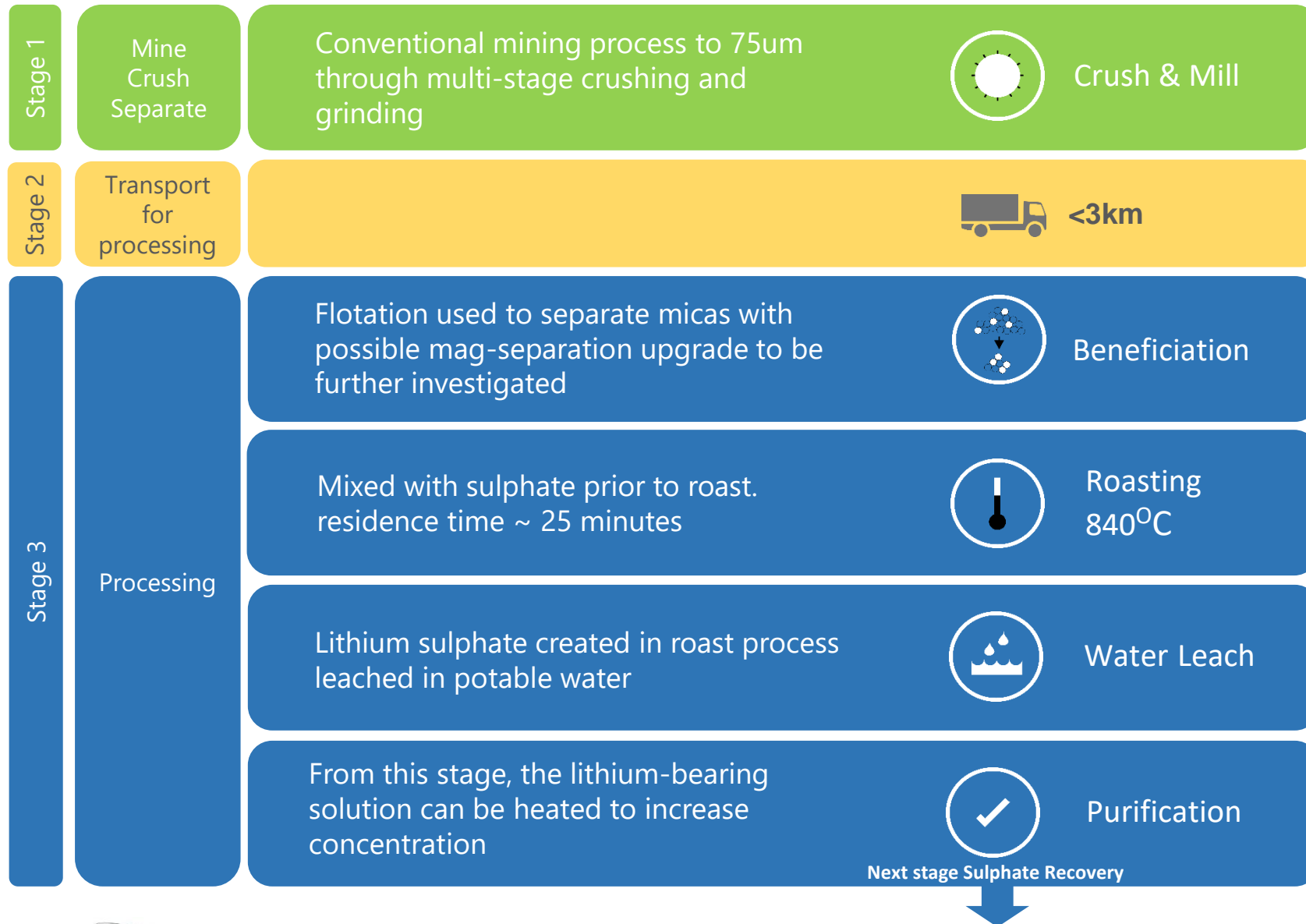


- **Lithium hydroxide demand is growing faster than lithium carbonate** and most of the recent investments in lithium chemical plants have been in lithium hydroxide production

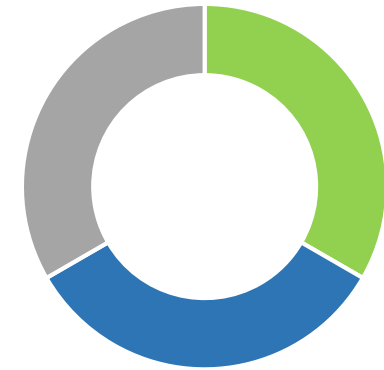
Source: Canaccord Genuity - Lithium | 2019 recharge

From Mining to Lithium Bearing Solution

1



Mineralogy

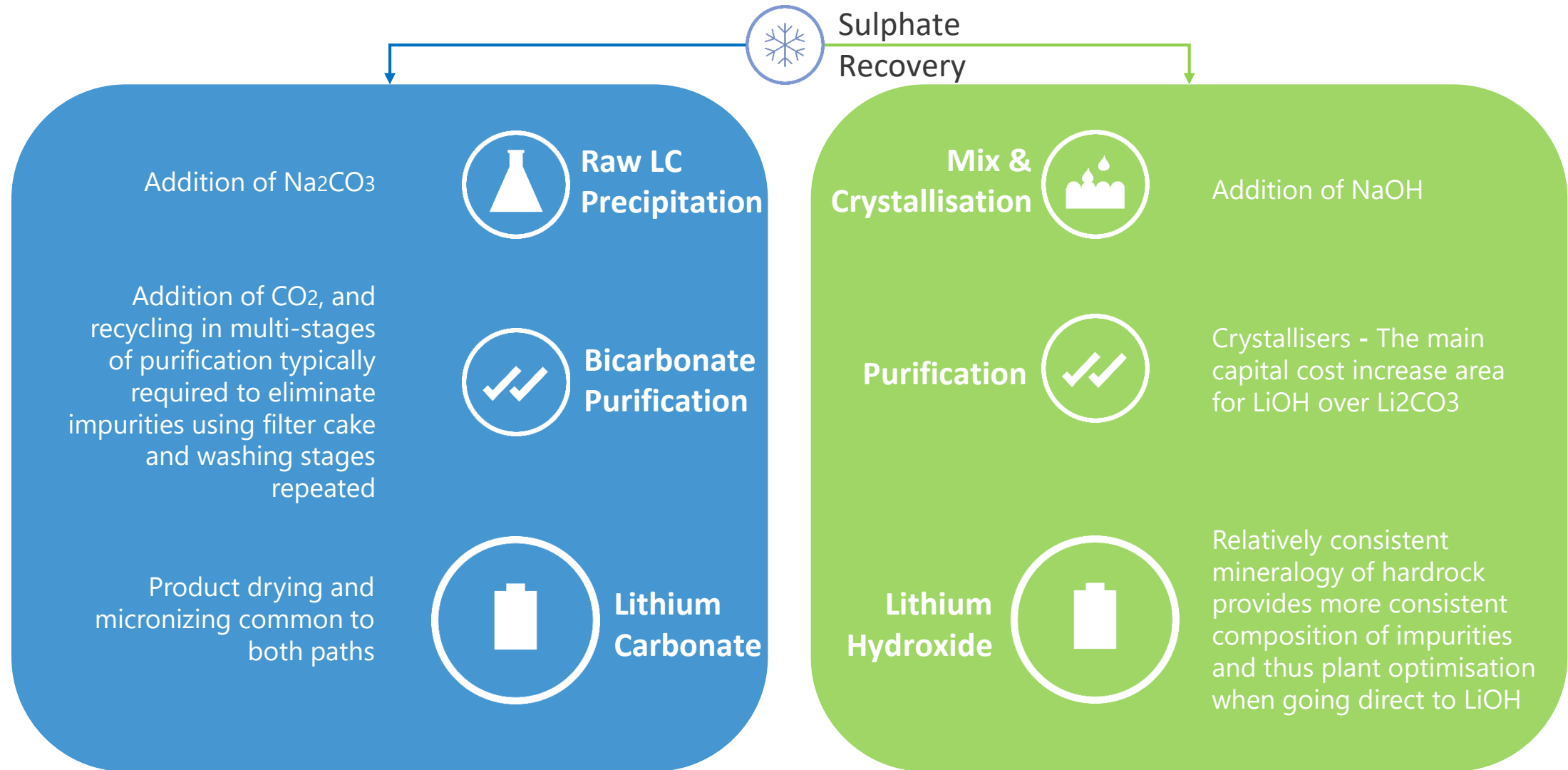


■ Mica ■ Quartz ■ Tourmaline

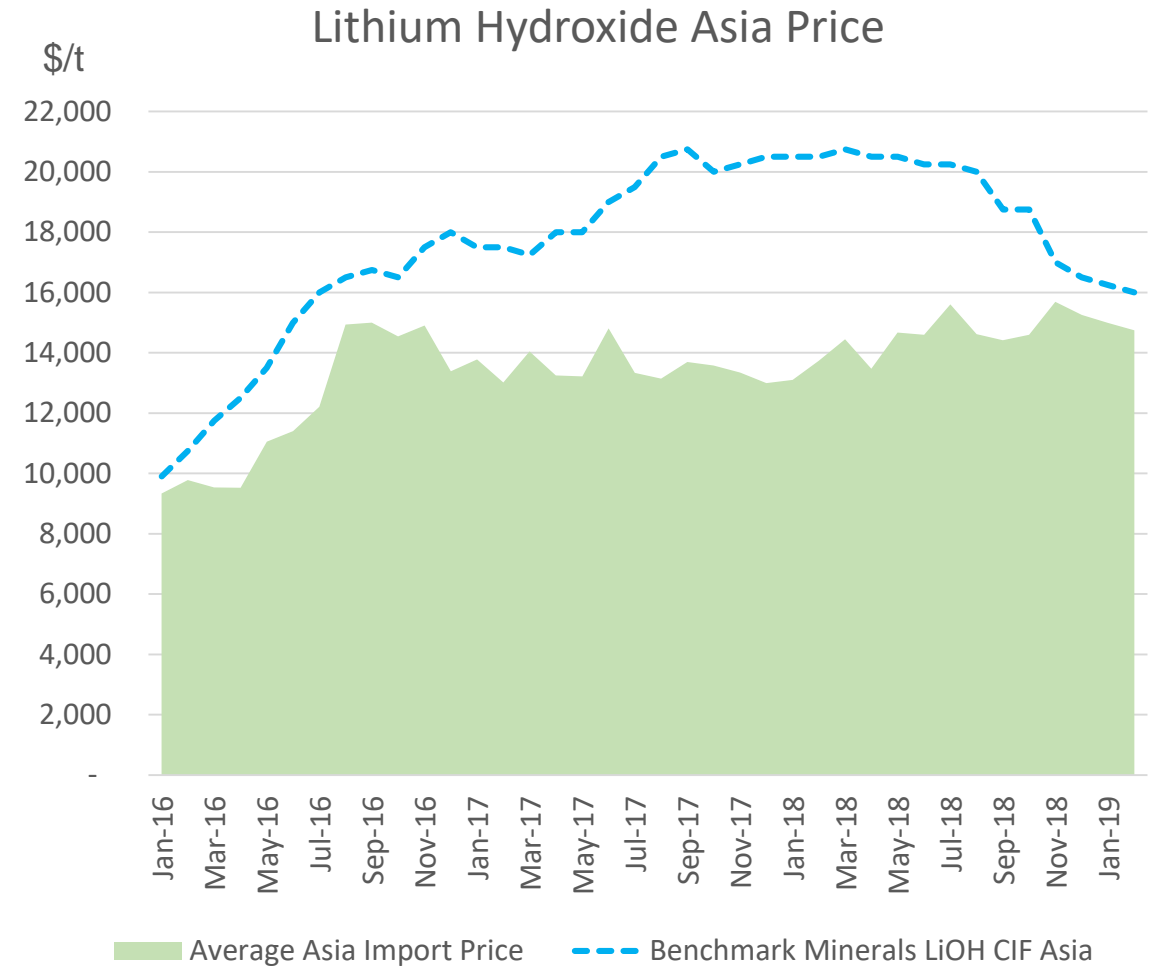
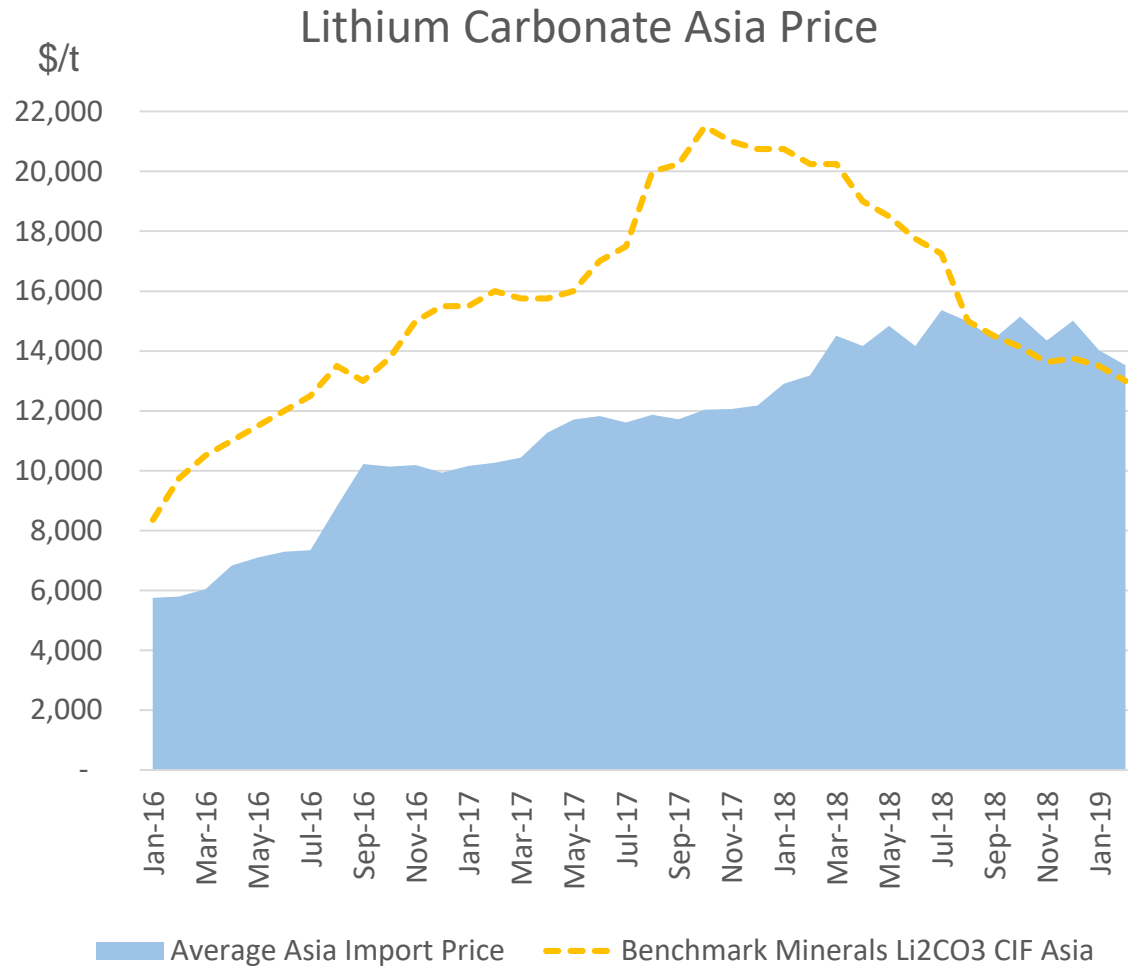
Ore material is approximately equal parts lithium-bearing mica, quartz and tourmaline

Lithium Bearing Solution to Lithium Product

2



Lithium Prices – Spot and Trade In Asia



- Combining Japan, South Korea and China clearly shows the upward trend during the last three years
- Clear disconnect with reported spot prices which have now moved under or near contract prices

San Jose Lithium Project - Joint Venture Structure

