



INFINITY LITHIUM

Investor Presentation

March 2020

Disclaimer

For Consideration

- ❖ This presentation has been prepared by Infinity Lithium Corporation Limited “Infinity Lithium”. This document contains background information about Infinity Lithium current at the date of this presentation. The presentation is in summary form and does not purport to be all inclusive or complete. Recipients should conduct their own investigations and perform their own analysis in order to satisfy themselves as to the accuracy and completeness of the information, statements and opinions contained in this presentation.
- ❖ This presentation is for information purposes only. Neither this presentation nor the information contained in it constitutes an offer, invitation, solicitation or recommendation in relation to the purchase or sales of shares in any jurisdiction.
- ❖ This presentation does not constitute investment advice and has been prepared without taking into account the recipient’s investment objectives, financial circumstances or particular needs and the opinions and recommendations in this presentation are not intended to represent recommendations of particular investments to particular persons. Recipients should seek professional advice when deciding if an investment is appropriate. All securities involve risks which include (among others) the risk of adverse or unanticipated market, financial or political developments.
- ❖ To the fullest extent permitted by law, Infinity Lithium, its officers, employees, agents and advisors do not make any representation or warranty, express or implied, as to the currency, accuracy, reliability or completeness of any information, statements, opinions, estimates, forecasts or other representations contained in this presentation. No responsibility for any errors or omissions from this presentation arising out of negligence or otherwise are accepted.
- ❖ This presentation may include forward-looking statements. Forward-looking statements are only predictions and are subject to risks, uncertainties and assumptions which are outside the control of Infinity Lithium. Actual values, results or events may be materially different to those expressed or implied in this presentation. Given these uncertainties, recipients are cautioned not to place reliance on forward looking statements. Any forward looking statements in this presentation speak only at the date of issue of this presentation. Subject to any continuing obligations under applicable law, Infinity Lithium does not undertake any obligation to update or revise any information or any of the forward looking statements in this presentation or any changes in events, conditions, or circumstances on which any such forward looking statement is based.

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.

INFINITY LITHIUM - LITHIUM HYDROXIDE PROJECT



Europe to be the **2nd largest market** for battery grade lithium after China



Infinity to become **1st project to secure EU funding**



Infinity is a **fully integrated** project with a **low carbon footprint** and sustainable operation



30-year production, with total revenues expected to reach **US\$6 Billion**



Producing **15Kt¹ of Lithium Hydroxide per year**, able to power >10M Electric Vehicles



Pre-tax **NPV at US\$860M**, a Pre-tax **IRR at 42%** and a payback period of **2.5 years**



OPEX before by-product credit of **\$5,434/t¹ LiOH** at the bottom of the global cost curve



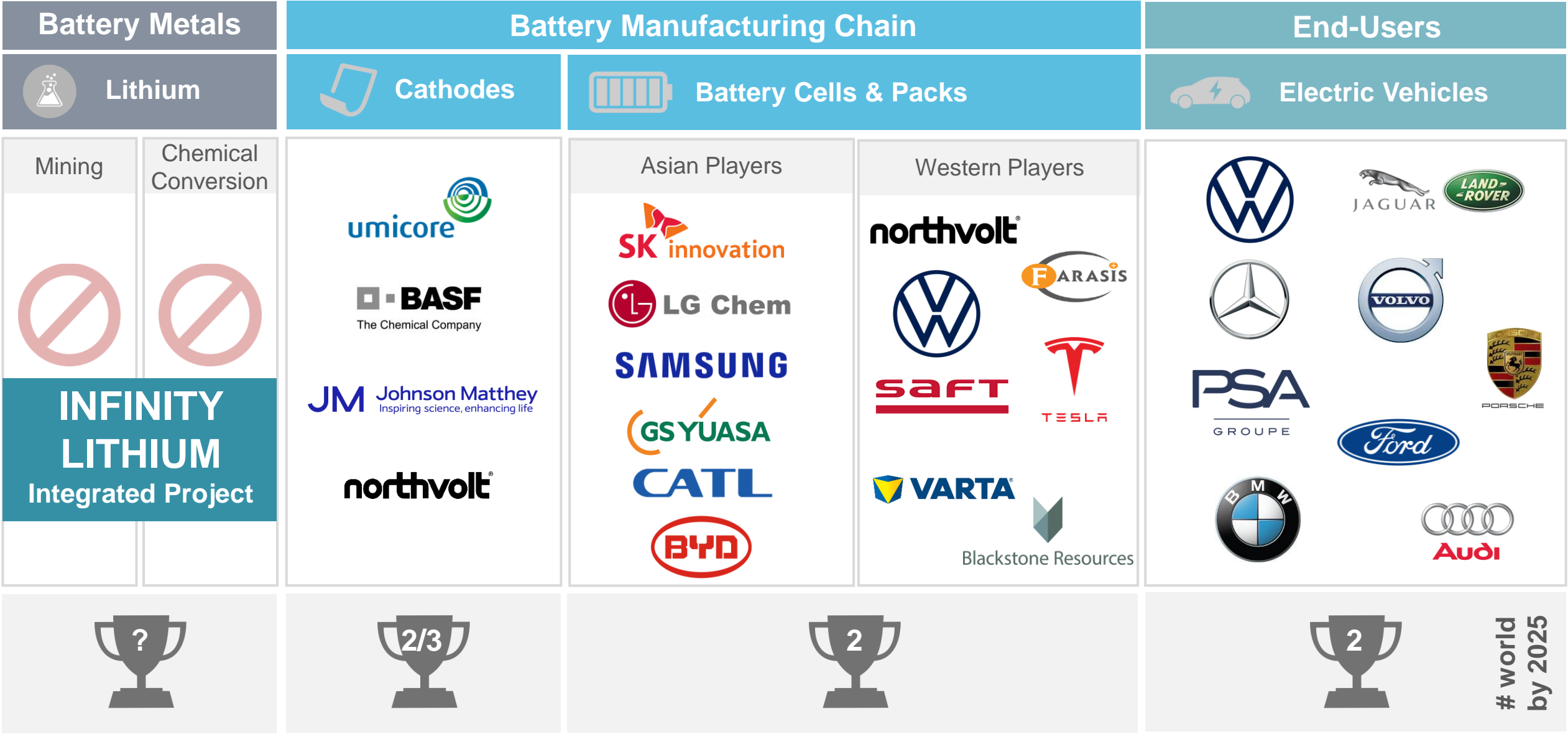
Creating a new industry for Europe, **generating employment** and supporting the community

¹Average C1 cost over 10 years of production including ramp-up

I. The Eu's Push For Lithium Self-Sufficiency



The European Lithium-ion Battery Supply Chain



Multitude Of Lithium-ion Factories Planned In Europe





Started 2010, 2.5GWh



16GWh to start and ramp up to 30GWh



To build Gigafactory starting in 2021



Start 2022, up to 10GWh



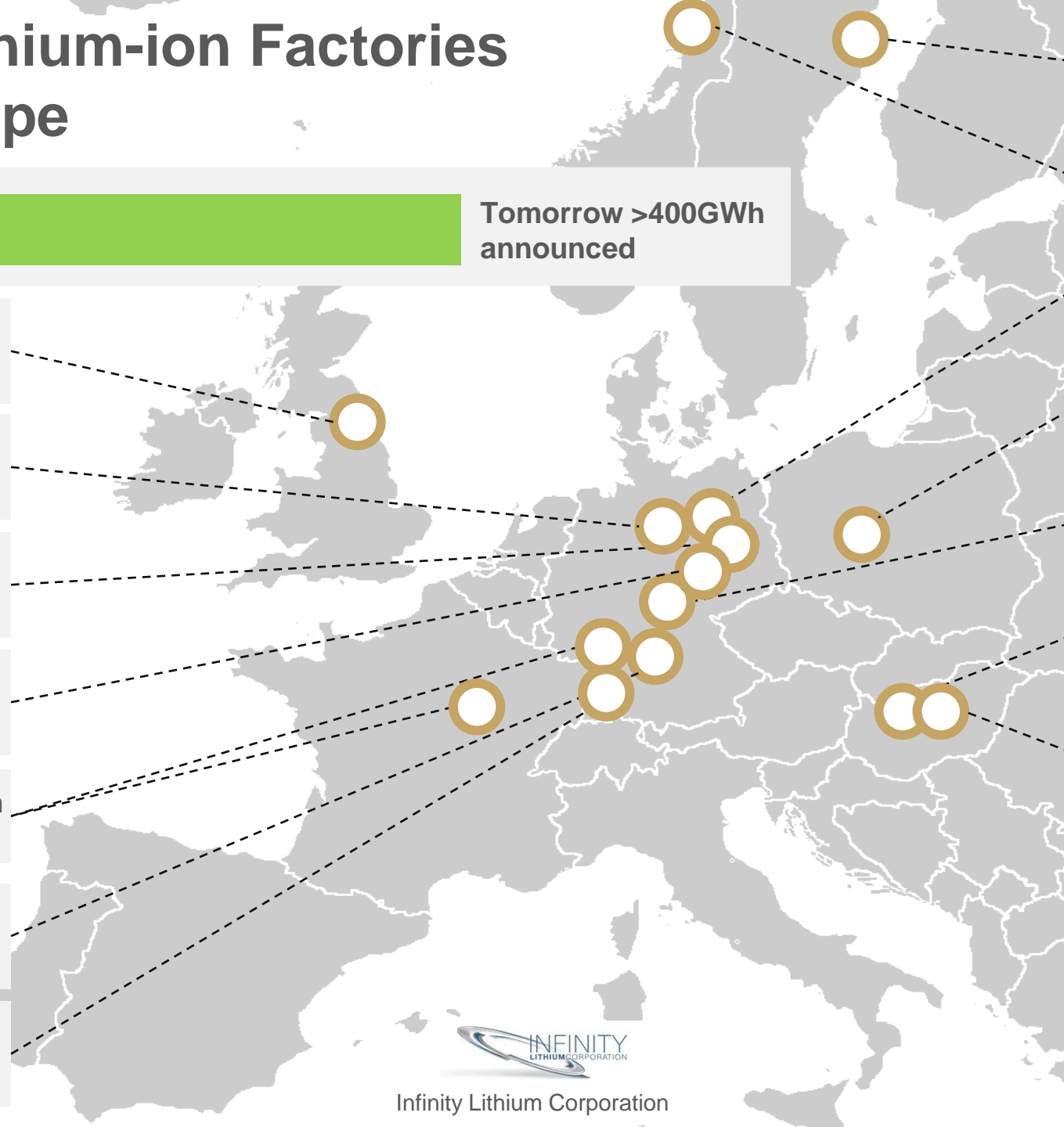
Start 2022, 16GWh then 64GWh



Start 2023, up to 24GWh




Start 2020, up to 1GWh





Start 2021, up to 40GWh




Start 2023, up to 32GWh




Start 2021, up to 12GWh



Started 2018 6GWh later up to 70GWh



Start 2022, up to 100GWh




Start 2020, up to 24GWh



Started 2018 3GWh, later 15GWh



Potential plant in Hungary



Potential plant in Europe

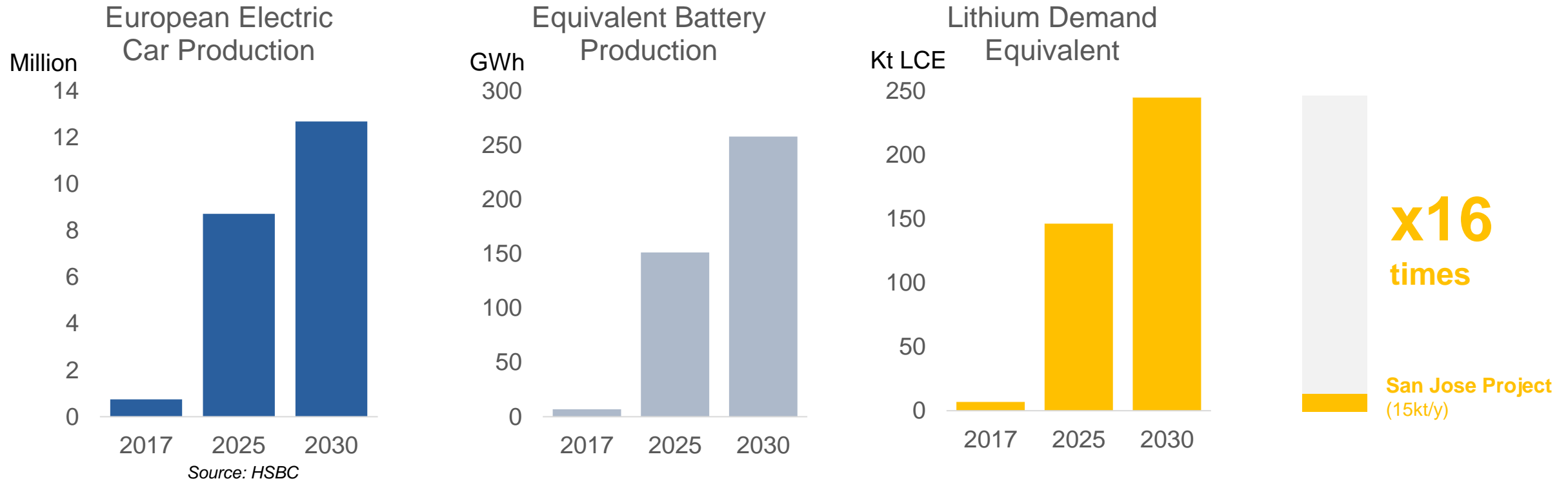


Potential plant in Germany

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?

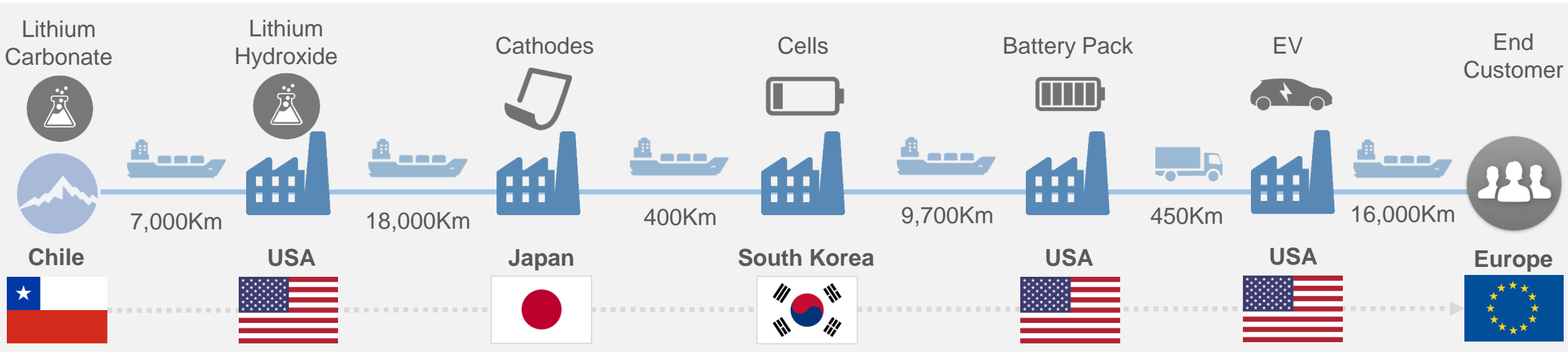


Notes: Electric cars include HEV, PHEV and EV. Average battery pack for EV is 33kWh in 2017, 45kWh in 2025 and 52kWh in 2030. PHEV average battery pack around 12kWh, HEV around 1kWh. LCE consumption per kWh averaging 0.9Kg.

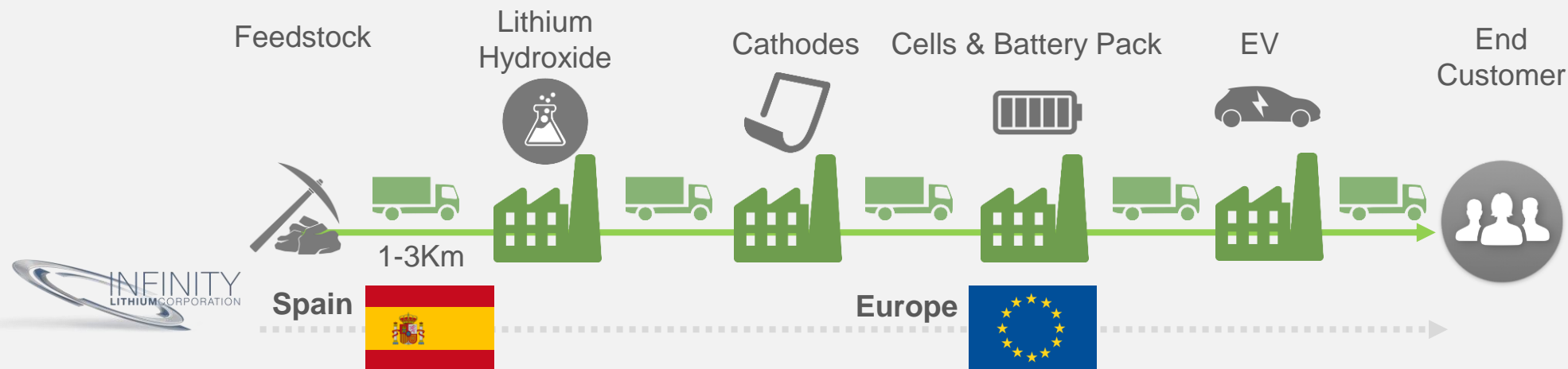
Carbon Footprint - Lithium

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

*Note: This is only one example of many supply paths possible across the supply chain.

Europe Lithium Import Dependency: 100%



- European Automakers want to **de-risk** their supply chain
- Concerns over **limited availability** of critical battery metals and **concentration** in a small number of countries
- Europe will be the **2nd largest lithium chemical consumer** in the world, but **no lithium** plants have been built yet

FT

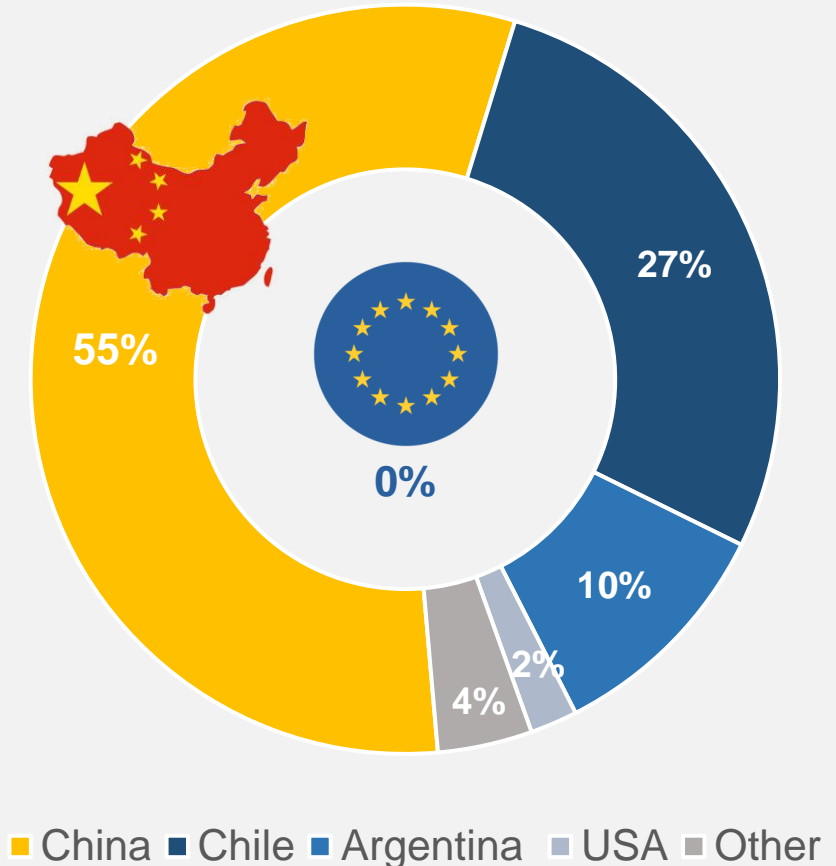
FINANCIAL
TIMES

“Coronavirus puts electric carmakers on alert over lithium supplies”

Livent’s CEO:

- *“Coronavirus will accelerate efforts by western carmakers to localize supplies of lithium for electric car batteries”*
- *“The industry was keen to diversify away from China, which produces the bulk of the world’s lithium, a critical material for lithium-ion batteries”*

Lithium Chemical Supply in 2019



Source: Benchmark Mineral Intelligence

The EU's push for battery raw materials self-sufficiency



- European Commission “**Develop a strategic value chain** for manufacturing EV LIBs inside Europe” - “**Secure access** to raw materials such as **lithium**”
- “Unless we **develop our own mining & refining capacity**, the EU will continue to be in great part dependent on foreign supplies. We need our EIB to become more fully engaged in raw material projects”

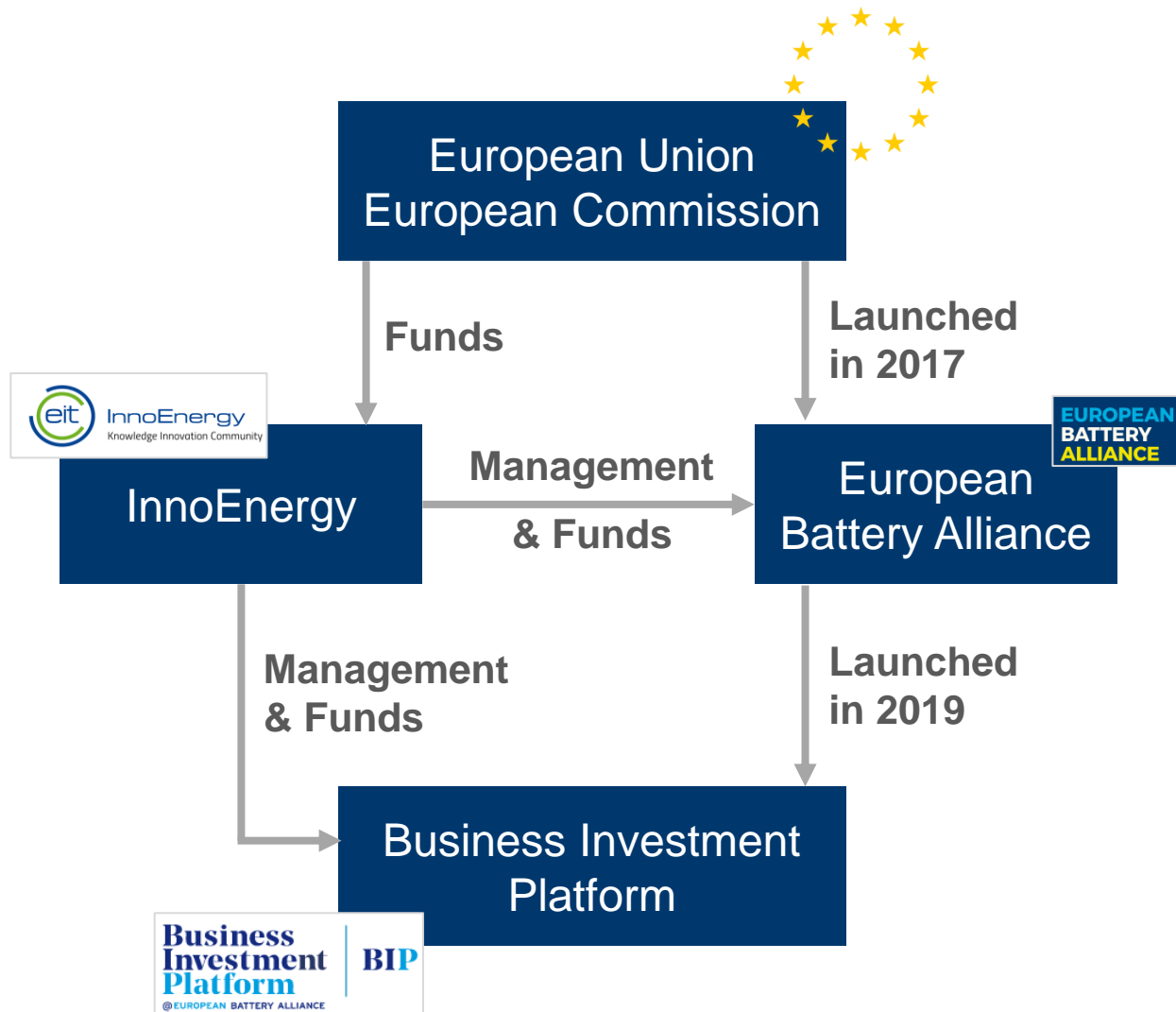


- The European Investment Bank identified the significant **gap in the market**, reinforcing their focus on “**raw materials and refining facilities**”
- The EIB is committed to provide capital and **changed their energy lending policy** in November and **included mining operation for critical raw materials** such as **lithium**



- European Commission **Vice President Maros Šefčovič** “**Infinity Lithium** is planning on producing 15,000t of lithium hydroxide in Spain and is in negotiations with 4 European industrial players. **Automakers should be very interested in this project**”

EU Groups Supporting The Lithium-Ion Battery Supply Chain



The **European Battery Alliance** (EBA) was created in 2017 and includes the European Commission, the European Investment Bank and key industry stakeholders such as automakers, battery and cathode producers. The EBA's goal is to create a competitive and fully integrated battery manufacturing chain in Europe and prevent a technological dependence on Asia.

The EBA is managed by a European Investment group called **EIT InnoEnergy**. InnoEnergy invests European funds into sustainable energy projects. They have invested so far more than €220M in selected projects such as Northvolt and raised more than €1.7Bn of funds.

At the end of 2019, the EBA launched the **Business Investment Platform** with a stated goal to accelerate transactions between financial institutions and industrial projects included in the lithium-ion battery value chain. The objective of this platform is to shorten the time to investment, reduce business risk for the investee, and reduce investment risk for the investor.

Infinity's Deep Involvement With European Institutions



Infinity Lithium Presenting to the EBA and the European Commission in Brussels for the launch of the BIP



Infinity Lithium hosted European Union delegates including the EBA and the European Investment Bank in Madrid



European Commission Vice President Maros Šefčovič & V.Ledoux after Mr. Šefčovič public support of the project



BIP/InnoEnergy visiting Infinity's San Jose Valdeflorez site in Extremadura, Spain

Infinity Lithium To Become 1st Project To Secure EU Funding



The BIP & Infinity Lithium (INF): MOU for Collaboration Agreement

The agreement has been validated by the EU group committee and is now going towards the final steps of documentation, verification and completion

Through BIP, EIT InnoEnergy will:

- **Invest up to €800K** in INF to support the development of the first phase of INF's pilot plant
- **Lead fundraising activities** for phase II of INF's pilot plant from both public and private funds
- **Assist Infinity in securing full project financing** including both equity and debt
- Through the EBA network, they will **support negotiations with European off-takers**
- **Support the obtention of the different permits** that INF requires for its operations in Spain
- **Nominate an advisor**, who will mobilize IE's ecosystem to support the development of the project
- **Bring senior European and Spanish representatives** to the leadership of INF



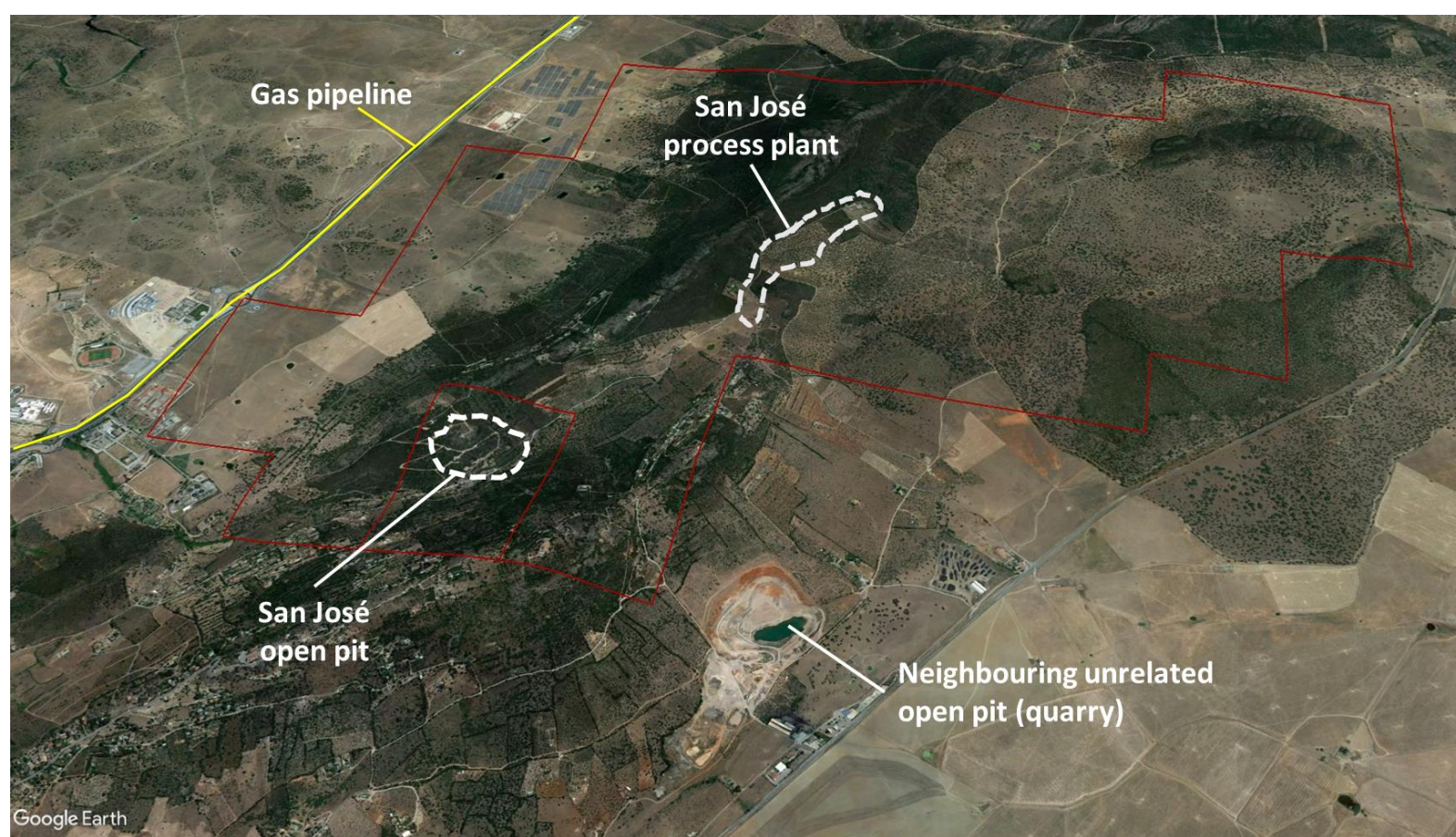


II. Developing lithium production in Europe to power a renewable future

1. Strategically Located in Extremadura, Spain



The San Jose Lithium Project is located approximately 280km west-southwest of Madrid in the region of Extremadura. The Project open pit development is in a narrow valley (Valhondo Valley) directly to the east of the town of Cáceres.



2. A Large And Long-Term Asset Supporting EV Growth

Second largest lithium resource in the European Union
& **Largest open pit based project**

JORC Resource 111.2Mt (Ind. 59Mt, Inf. 52.2Mt), Probable Reserves 37.2Mt



**1.6Mt
LCE**

LCE: Lithium Carbonate Equivalent

To operate for **30 years**, including 19 years of mining but only depleting **<50%**
of JORC resource



To produce around **15,000t¹** of lithium hydroxide battery
grade per year

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



(1) During the first 10 years of operations.

2. A Large And Long-Term Asset Supporting EV Growth

San Jose Mineral Resource, Reported Above 0.1% Li Cut-off

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



Estimated using Ordinary Kriging methodology. Note: Small discrepancies may occur due to rounding. Further details ASX release 23 May 2018

Lithium (Li) mineralisation is commonly expressed as either lithium oxide (Li₂O) or lithium carbonate (Li₂CO₃) or Lithium Carbonate Equivalent (LCE). Lithium Conversion:

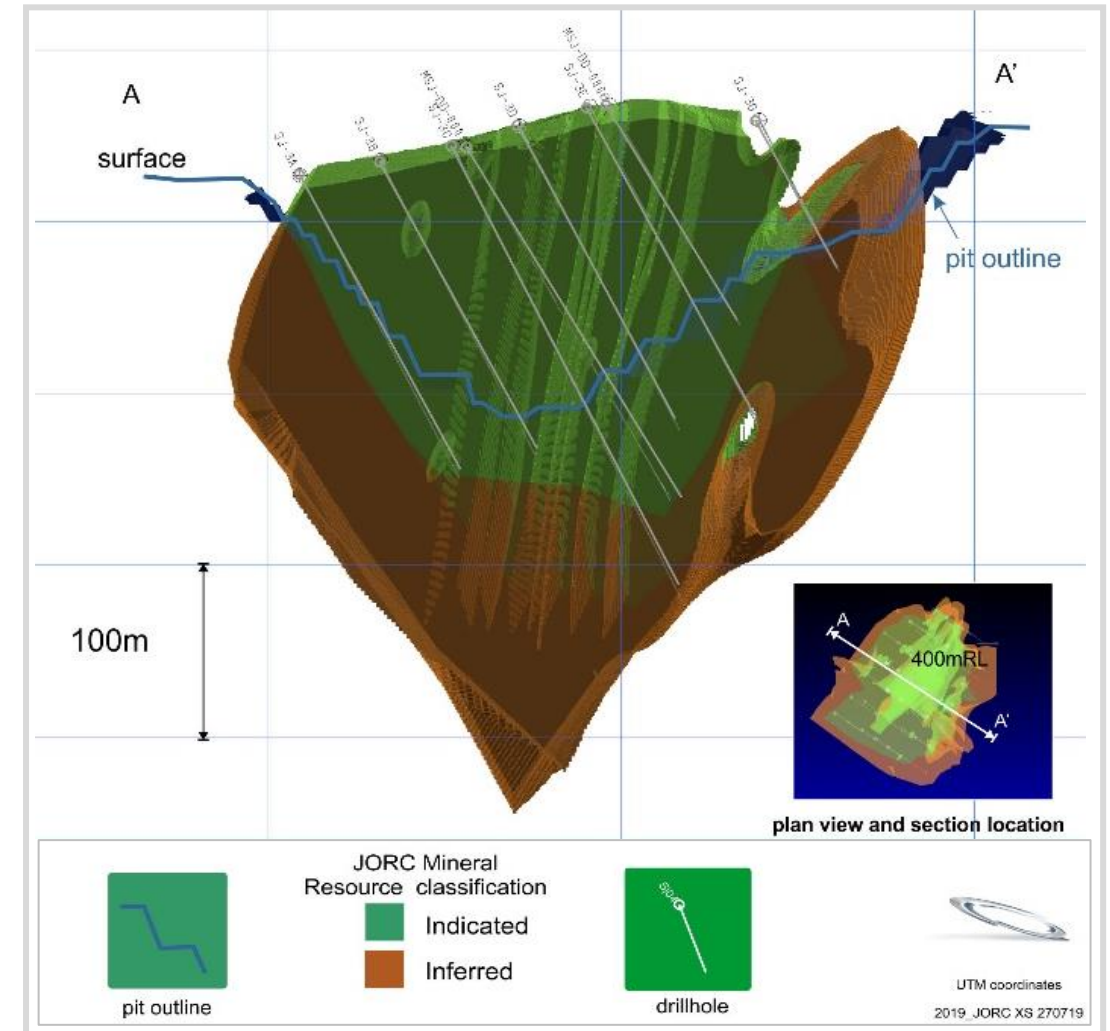
1.0% Li = 2.153% Li₂O

1.0%Li = 5.32% Li₂CO₃

1.0% Li₂CO₃ = 0.880% LiOH.H₂O

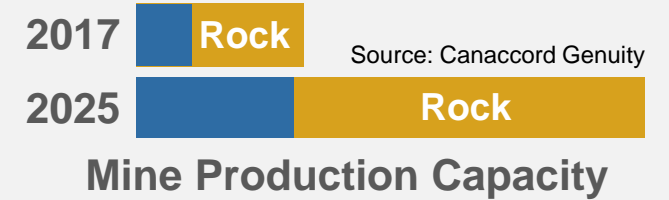
x2 – Potential to double

PFS based 100% on Indicated Resources

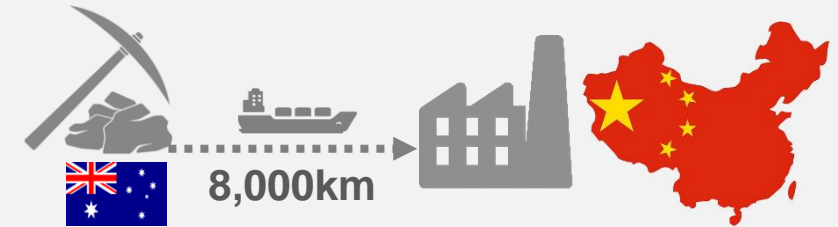


3. A Uniquely Fully Integrated Lithium Project

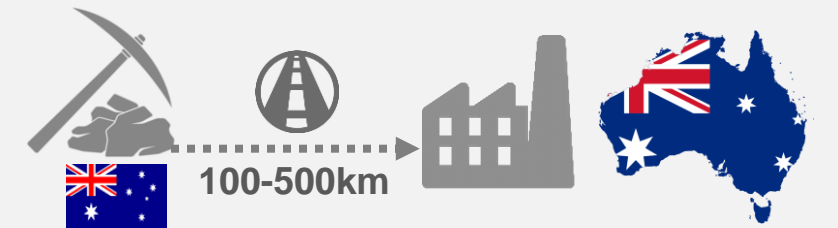
Hard-rock to dominate lithium production in the future: easier to operate, lower risk jurisdiction, cheaper to produce lithium hydroxide



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



Integration is the way forward for Australian miners in order to **improve efficiency and margins**

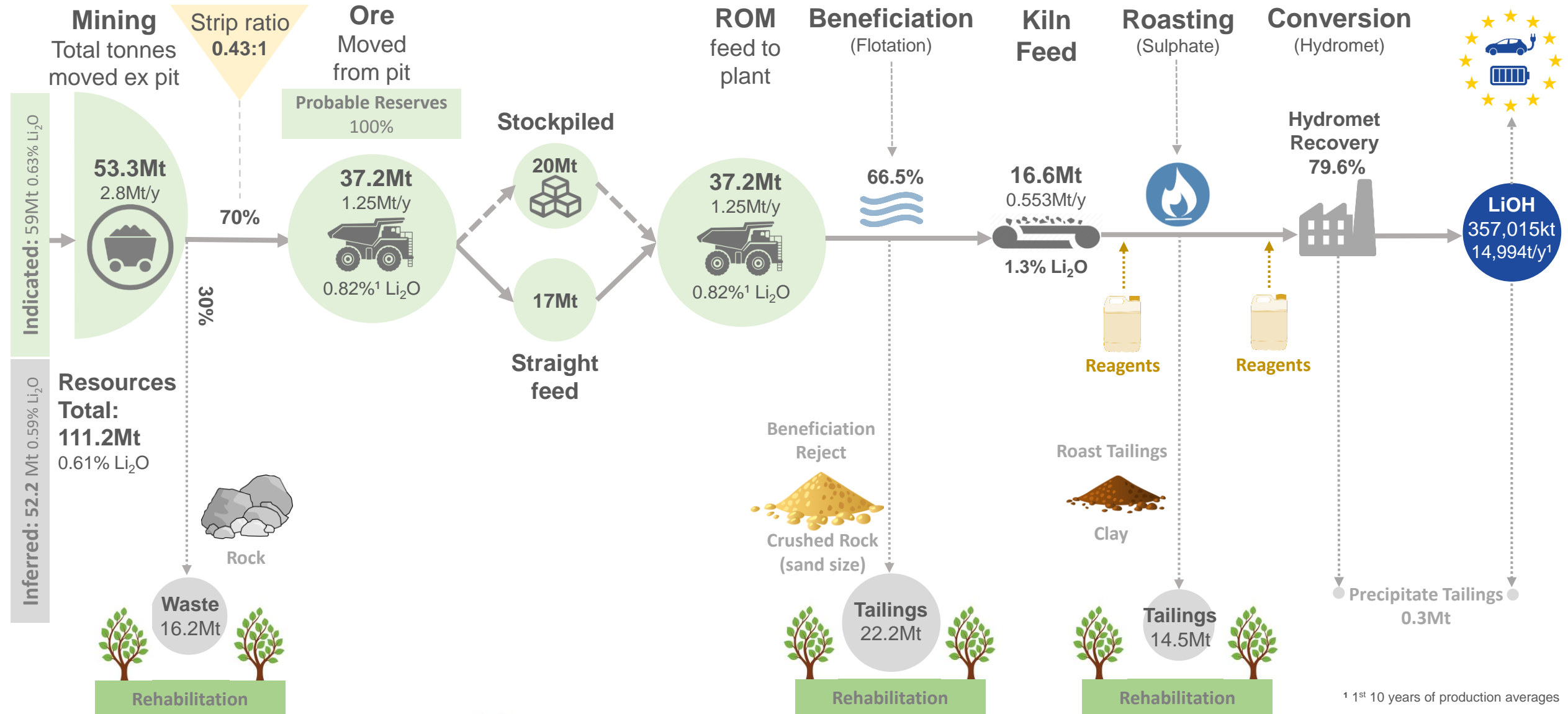


San Jose is an **industrial project** where the mine and the chemical operation are adjacent:

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



3. A Uniquely Fully Integrated Lithium Project

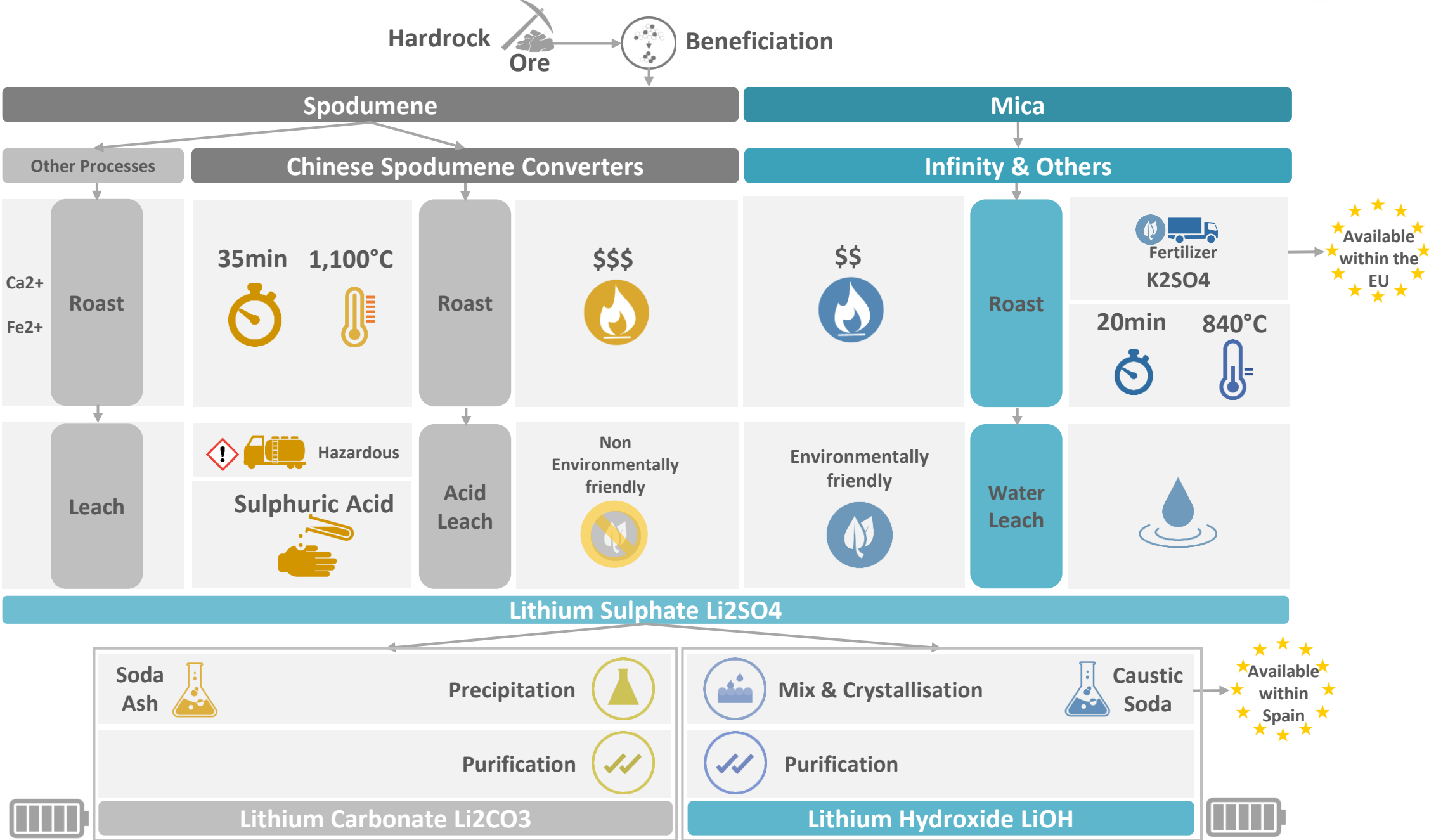


3. A Uniquely Fully Integrated Lithium Project

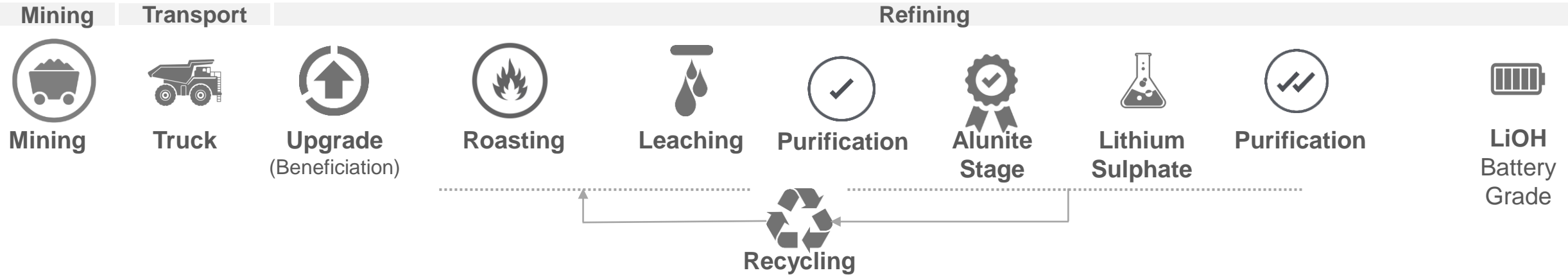


- >83% of the total investment
- Majority of jobs – 155 direct positions
- No impact on aquifer
- No visibility from Caceres
- Using fertilizer and recycling it
- Reduced waste and tailings volume by 50%

3. A Uniquely Fully Integrated Lithium Project



4. A Lot Of Work Already Completed



5. Next Step: A Two-Phase Pilot Plant

Phase 1 - Bench Scale

- Target: Produce 400-600g of Battery Grade Lithium Hydroxide and deliver sample to off-taker for testing & validation



Phase 1 to be financed by EU funds

Phase 2 - Pilot Plant

- Target: Produce 2-4kg of Battery Grade Lithium Hydroxide and deliver sample to off-taker for testing & validation



Funds for phase 2 to be raised by EU group

6. Lithium Project Supported by Strong Economics



NPV ⁽¹⁰⁾
\$860M



IRR (pre-tax)
42%



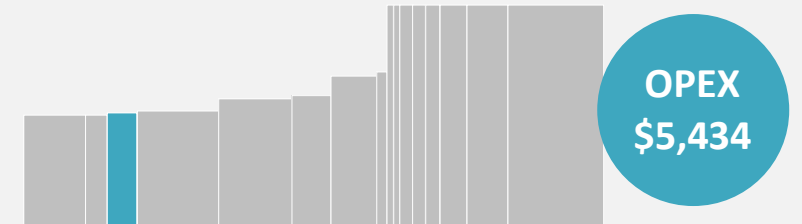
Pay back
2.5 years

OPEX at the bottom of the cost curve for lithium hydroxide at around \$5,434/t¹

Lithium Hydroxide
Cost Curve

2022

Source: Cannacord



Starting CAPEX at US\$268M² with a low capital intensity of \$16,200/t



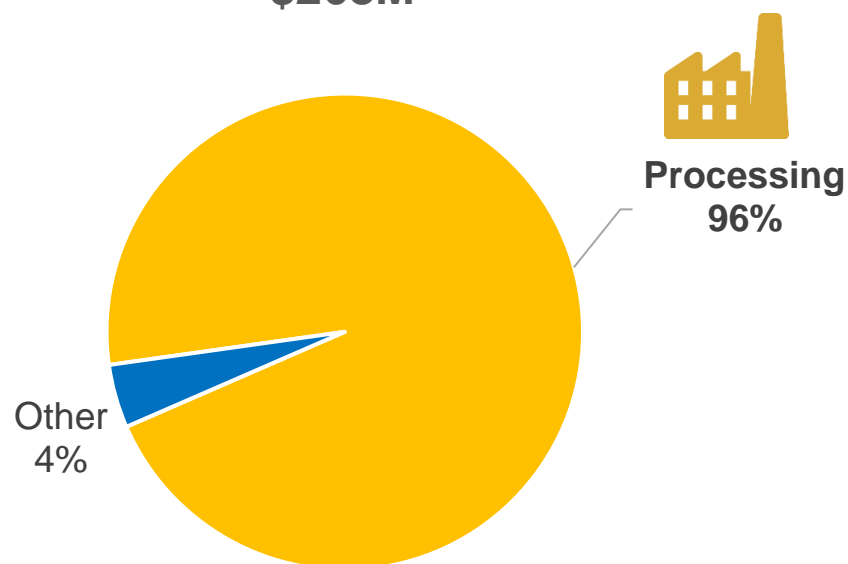
PFS Published in August 2019 – Working towards DFS

¹Average C1 cost over 10 years of production including ramp-up

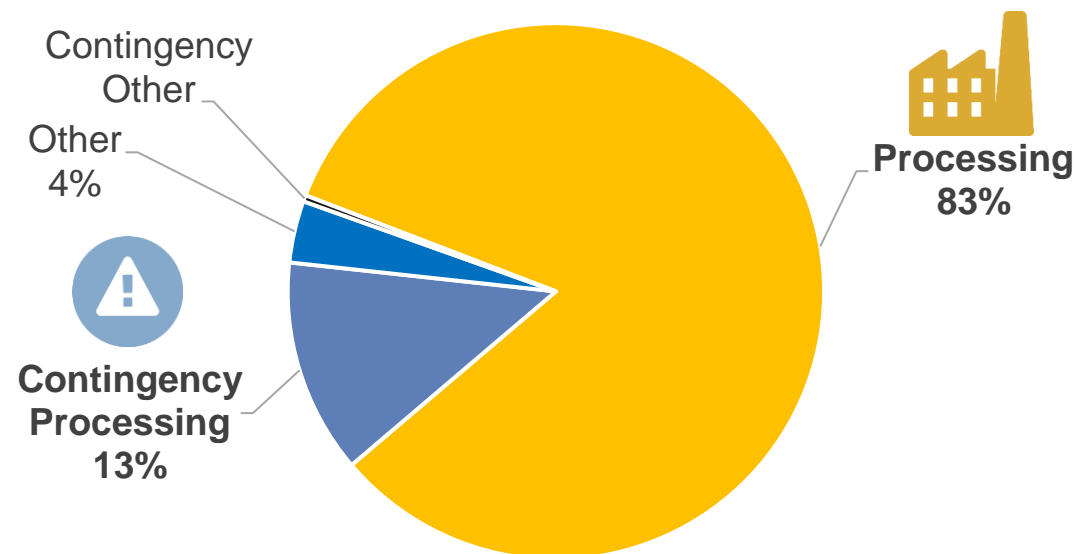
²Excludes contingency

6. Lithium Project Supported by Strong Economics

Pre-Production Capital Expenditure
Ex-Contingency
\$268M

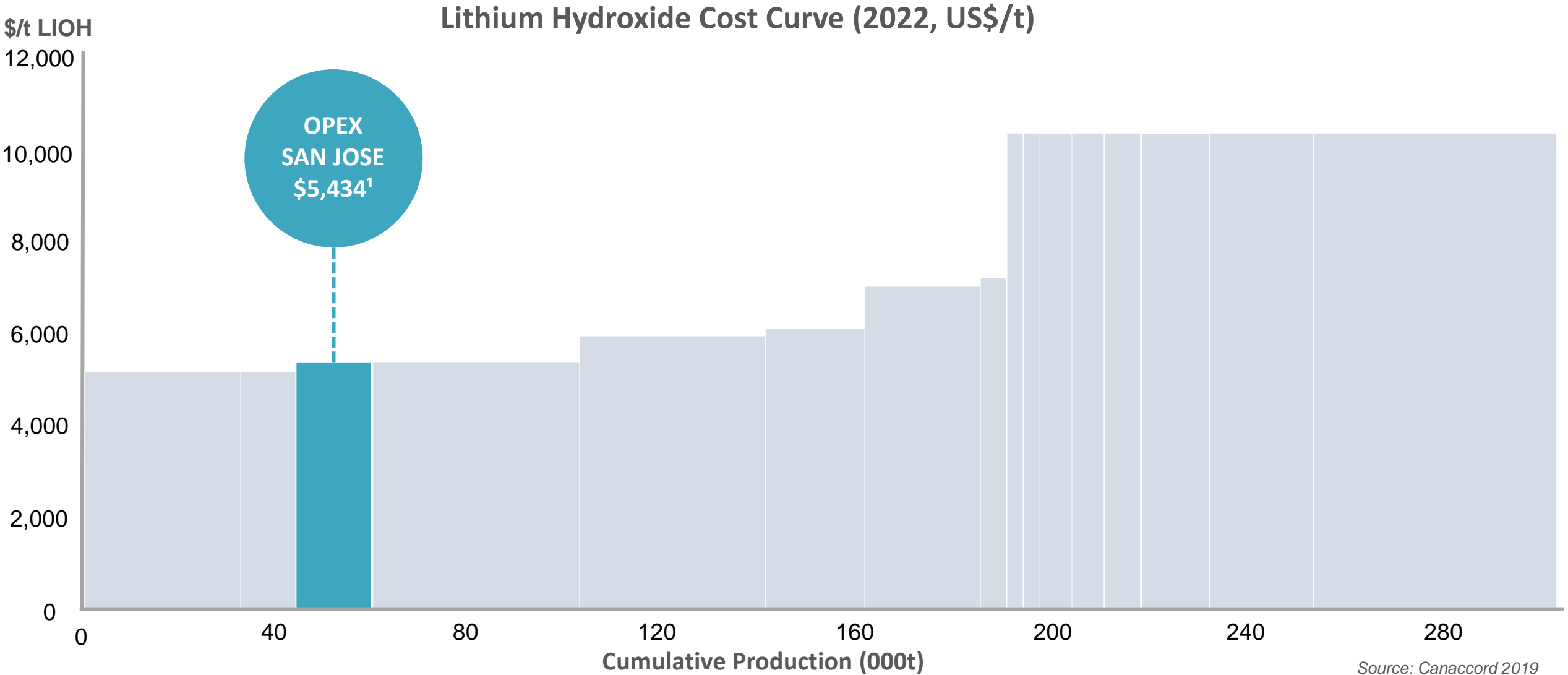


Pre-Production Capital Expenditure
Including Contingency
\$309M



Equipment
almost solely
sourced from
EU

6. Lithium Project Supported by Strong Economics

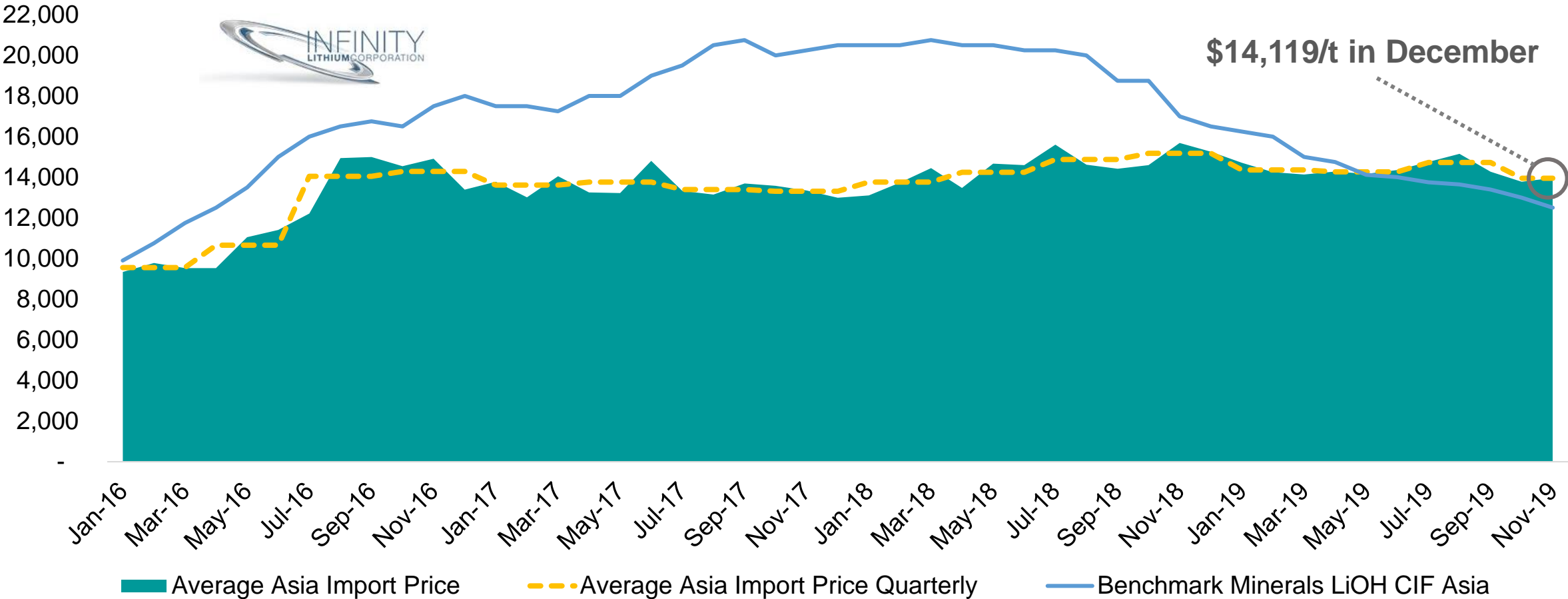


¹Average C1 cost over 10 years of production including ramp-up and C1 cost at nameplate capacity is US\$5,043/t, without by-product credits. Potential tin and boron credits are available and are being assessed in the ongoing optimization studies.



6. Lithium Project Supported by Strong Economics

LiOH Asia Weighted Average Price



Weighed prices average for lithium hydroxide imports into Japan and South Korea from Chile, China, and the US. This represents 75% of the global LiOH trade and is mostly used in cathodes

6. Lithium Project Supported by Strong Economics

INFINITY LITHIUM PROJECT LITHIUM HYDROXIDE PRE-FEASIBILITY STUDY

NPV₁₀ Pre-tax 	US\$860M	IRR Pre-tax 	42.3%
Total Revenue From Lithium Hydroxide 	US\$6Bn	CAPEX² (Pre-production) 	US\$268M
OPEX^{1,3} 	US\$5,434/t	Capital Intensity 	\$US16K/t
Annual Production³ of lithium hydroxide 	15,000t/y	Project Life Mine Life 	30 years 19 years
Resource (2 nd largest in EU, largest open pit based project) 	1.6Mt LCE	Strip Ratio 	0.43:1

100% Project Ownership Basis

- (1) Average C1 cost over 10 years of production including ramp-up and C1 cost at nameplate capacity is US\$5,043/t, without by-product credits. Potential tin and boron credits are available and are being assessed in the ongoing optimization studies.
- (2) Excludes contingency. Total pre-production CAPEX including contingencies US\$309m
- (3) First 10 years of production

6. Lithium Project Supported by Strong Economics

Project Economics (and Capital Structure) Are Resilient to Downside Cases

A set of sensitivities has been run to assess the resilience of the Project economics (and capital structure) to downside cases

The table below provides an overview of what we believe lenders and investors will require in terms of sensitivities

Some extreme stress case scenarios have been run and despite these aggressive assumptions, the debt is fully repaid

Sensitivities – Lithium price

Sensitivity	Base Case (10 year, 60% gearing without a cash sweep)	Li Price -15%	Li Price -25%	Li Price -45% (Extreme Stress Case)
Average DSCR	5.54x	4.31x	3.49x	1.85x
Project IRR	42.3%	33.1%	26.8%	12.6%
Equity IRR	54.7%	42.5%	33.5%	13.4%

Sensitivities – CAPEX Overrun

Sensitivity	Base Case (10 year, 60% gearing without a cash sweep)	Capex +15% ²	Capex +25% ³	Capex +45% ³ (Extreme Stress Case)
Average DSCR	5.54x	5.52x	5.44x	5.44x
Project IRR	42.3%	38.6%	36.4%	32.4%
Equity IRR	54.7%	49.1%	46.1%	39.5%

For illustrative purposes we have sized the Cost Overrun Facility ("COF") at \$50m which is funded 50-50 debt to equity. This is approx. 16% of CAPEX.

Sensitivities – OPEX

Sensitivity	Base Case (10 year, 60% gearing without a cash sweep)	Opex +15%	Opex +25%	Opex +45% (Extreme Stress Case)
Average DSCR	5.54x	5.13x	4.85x	4.31x
Project IRR	42.3%	38.8%	36.5%	31.8%
Equity IRR	54.7%	50.1%	47.0%	40.6%

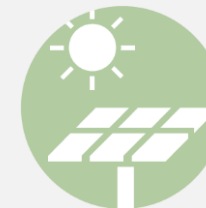


7. A Sustainable, Low Carbon Footprint Operation

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



100% of our electricity requirement can be met by **renewable energy**



Using **fertilizer or safe reagents** for processing, which are also **recycled**



All reagents necessary for lithium processing **available domestically**



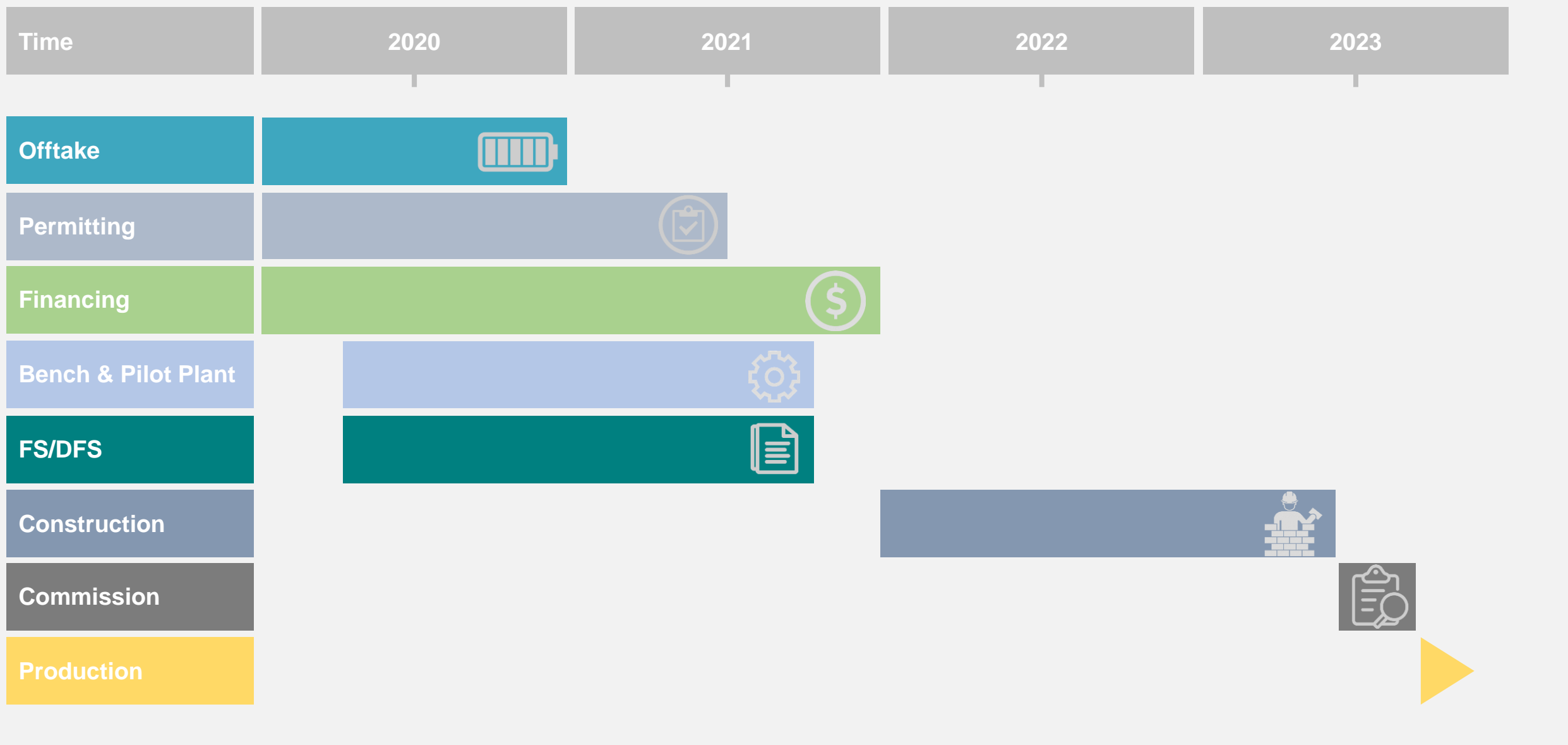
Low water consumption, significantly less than in brine production, most of the water is **recycled**



Lowest strip ratio in the industry, **minimum waste**, all **dry** stack tailings, no slurry



8. San Jose Project Timeline



Summary



Infinity is Strategically Located to Support Strong Demand Outlook For Lithium In Europe



A Large And Long-Term Asset Supporting EV Growth



A Uniquely Fully Integrated Lithium Project



San Jose Lithium Project Supported by Strong Economics



Sustainable, Low Carbon Footprint Operation



A Project Financially Supported By The EU

Board of Directors & Management

Adrian Byass
Non-Executive Chairman
(Interim Basis)



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

Ryan Parkin
Managing Director/CEO



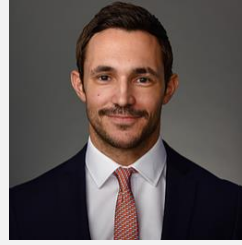
CA ANZ

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

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

Appointed by the European Commission as a lithium expert to review the Critical Raw Material List

Felipe Benjumea Llorente
Non-Executive Director



30 years in the renewable energy sector with experience in the development of industrial projects in 80 countries as Chairman. NASDAQ and IBEX experience.

Currently on the Boards of hydrogen companies in Spain and USA and member of the Board of Trustees in Spanish Universities and Foundation.

Awarded the Medal of Scientific Merit of the Center for Energy, Environmental and Technological Research (CIEMAT) and the Grand Cross of Naval Merit.

Robert Orr
CFO



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.

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





















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	Savannah Res.	Bacanora	Keliber	European Lithium
Project	Cinovec - Czech Republic	San Jose - Spain	Mino do Barroso - Portugal	Zinnwald - Germany	Several - Finland	Wolfsberg - Austria
Mineral	Mica (Zinnwaldite)	Mica (Zinnwaldite)	Spodumene	Mica (Zinnwaldite)	Spodumene	Spodumene
Li2O (%)	0.40	0.82*	1.04	0.7	1.16	1.0
Mine	Underground 	Open pit	Open pit	Underground 	Open pit & Underground	Underground 
Conversion	Yes 	Yes 	No Mining Only 	Yes 	Yes 	Yes 
Resources	7Mt LCE	1.6Mt LCE	0.71Mt LCE	0.66Mt LCE	0.29Mt LCE	027Mt LCE
Stage	PFS Published	PFS Published	Scoping Study Published	FS Published	DFS Published	PFS Published
End-product	Li2CO3 or LiOH	LiOH	Spodumene	LiF	LiOH	LiOH
Opex \$/t (before credits)	4,876 	5,434* 	271 	11,659*** 	5,358 	7,160 
By-product	Calculated Tin, tungsten & potash	Not calculated Tin & boron	Not calculated Quartz & Feldspar	Potassium sulphate	Not calculated - Analcime sand & quartz-feldspar sand	Not calculated Feldspar & Quartz
Capex	\$483M	\$268M**	\$109M	\$180M	\$370M	\$424M
Project life	21y 	30y 	11y 	30y 	13y 	10y 
Production	25,267tpy	15,000tpy*	175,000tpy spod.	7,285tpy***	12,000tpy	10,000tpy
Capex/t (\$/t)	19,100 	16,200 	n.a	24,708*** 	30,800 	42,400 
European Funding	NO	YES	NO	NO	NO	NO
Comment	<ul style="list-style-type: none"> High Iron Content Aggressive beneficiated feedstock at 2.7% Underground and siting across 2 countries 	<ul style="list-style-type: none"> Numerous green credentials Pure European focus All infrastructure on site Gas Pipeline adjacent 	<ul style="list-style-type: none"> Export to China the only option today Not integrated 	<ul style="list-style-type: none"> LiF is a small market that could have excess supply with a large project 	<ul style="list-style-type: none"> To buy feedstock after 13 years Operate at 7 different sites 	<ul style="list-style-type: none"> High Capex High Opex Short life

The BIP & Infinity Lithium: The Itinerary



September 2019 - Brussels:

BIP Launch

Infinity presenting as a potential investee



January 2019 – Caceres, Spain:

Site Visit

March 2019

Final Presentation

To BIP Committee and vote
on collaboration proposal

December 2019 – Amsterdam :

Presentation to BIP Committee

Infinity selected to present its
project to the BIP Committee

December 2019

BIP decides to support our project

as one of only 3 selected investees,
conditioned by further discussions

January-February 2019

Meetings & Discussions

Regular interactions
between BIP and Infinity

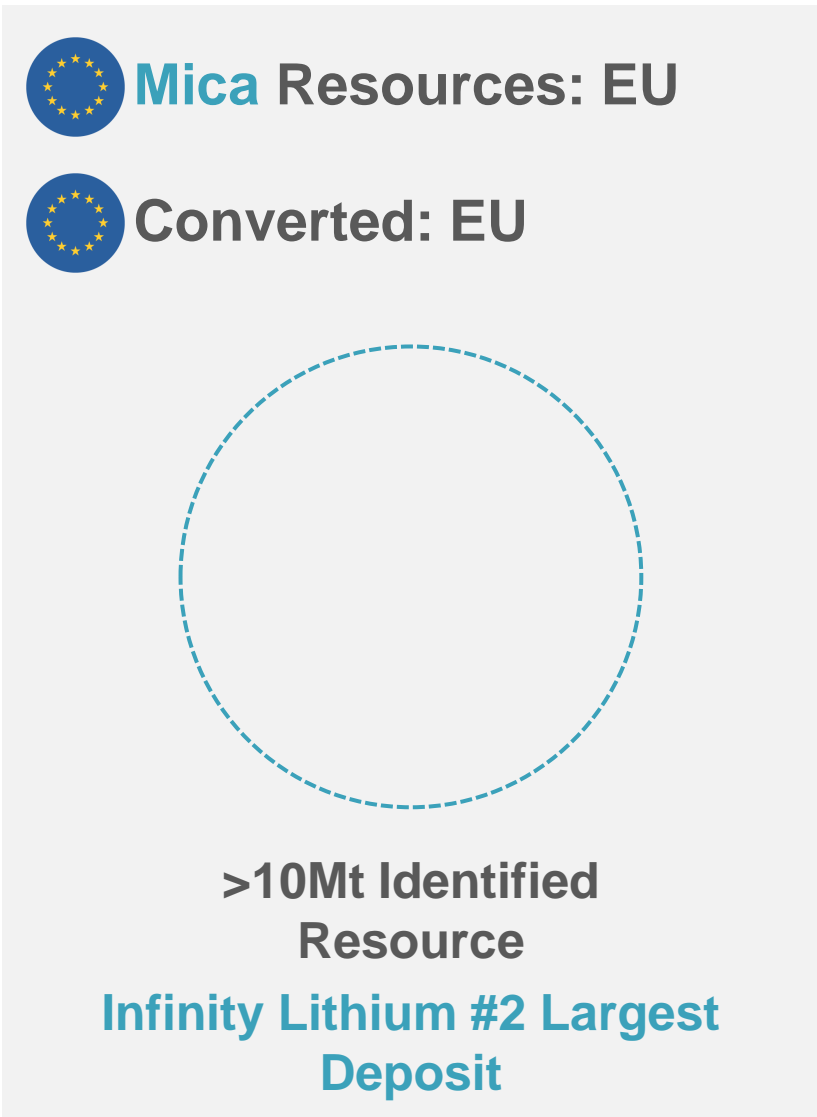
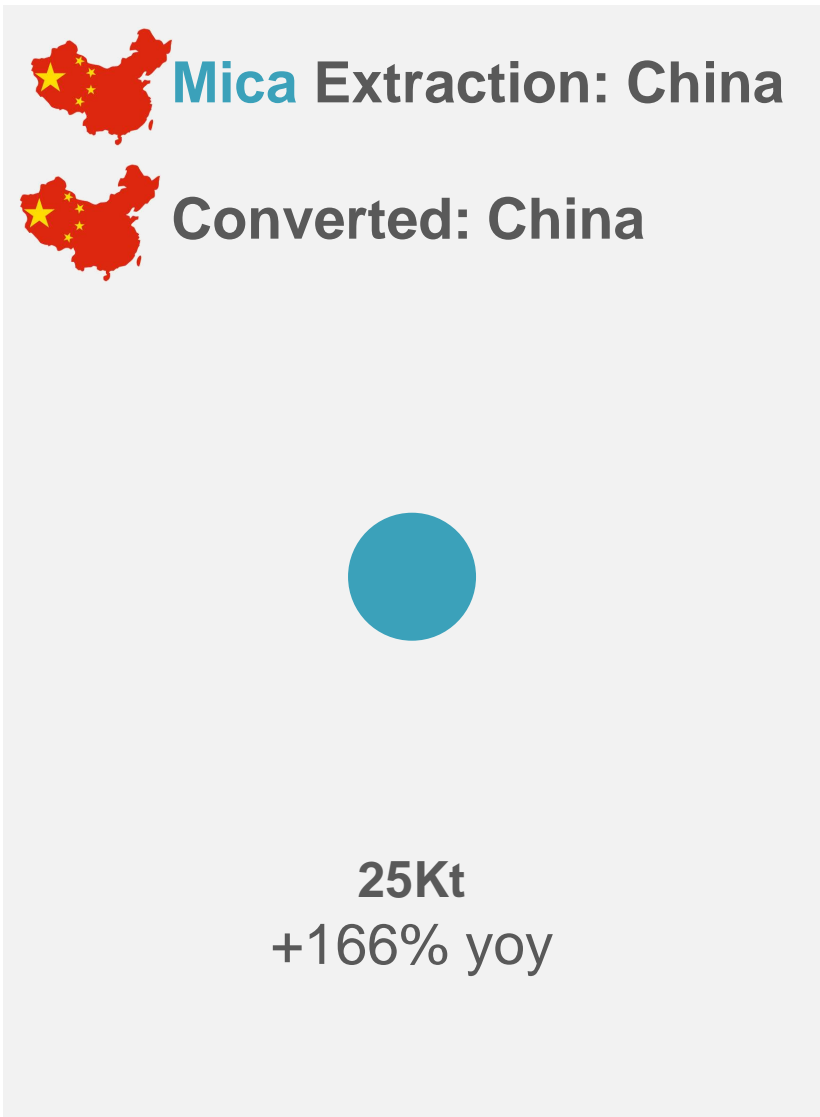
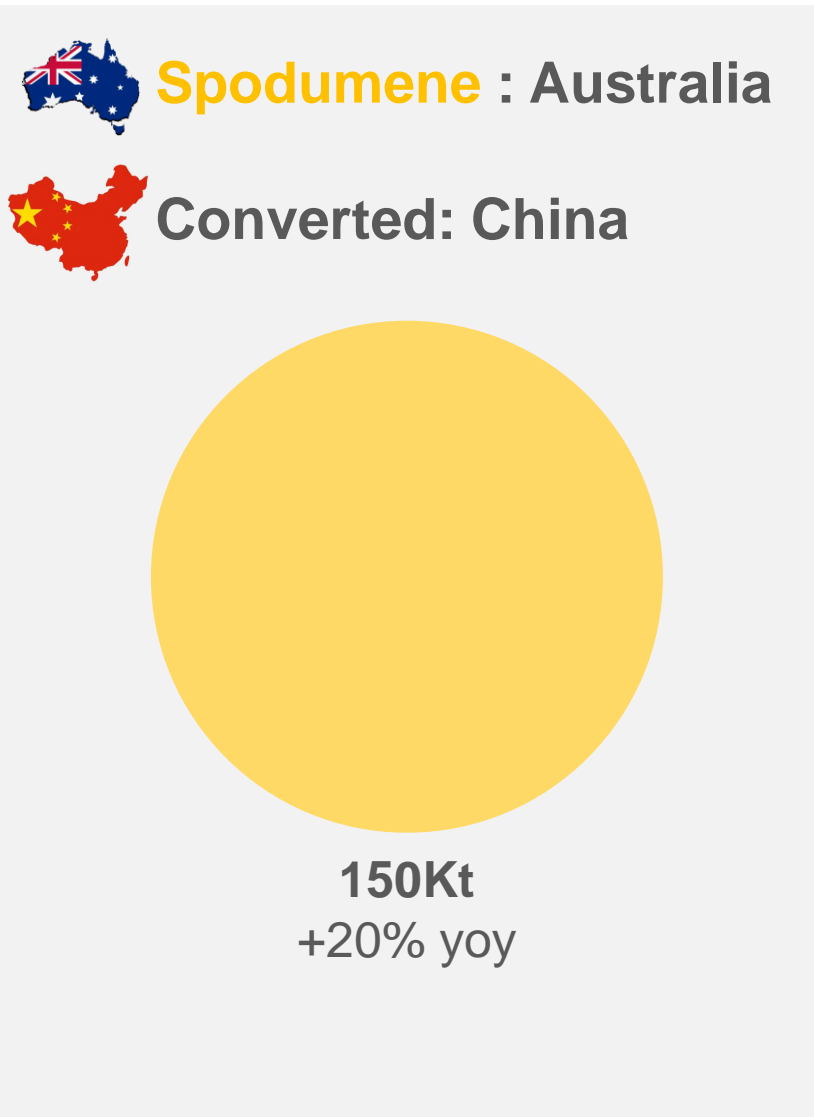
March 2019

MOU of Collaboration & Investment Agreement

between Infinity and BIP



Main Sources Of Hard Rock Lithium Today



Lithium Production From Mica – Not A New Process



Germany was the first country to convert mica into lithium chemicals back in the 50's



Today, there are at least 4 conversion sites in **China** converting mica into lithium chemicals, and they all have plans to increase capacity.
In 2018, production was 9,000t of LCE and grew to 25,000t of LCE in 2019 **(+166%yoy)**



BASF, the largest chemical producer in the world, has concluded an MOU for an offtake of lithium hydroxide with **Desert Lion** who will be processing Mica into lithium chemicals



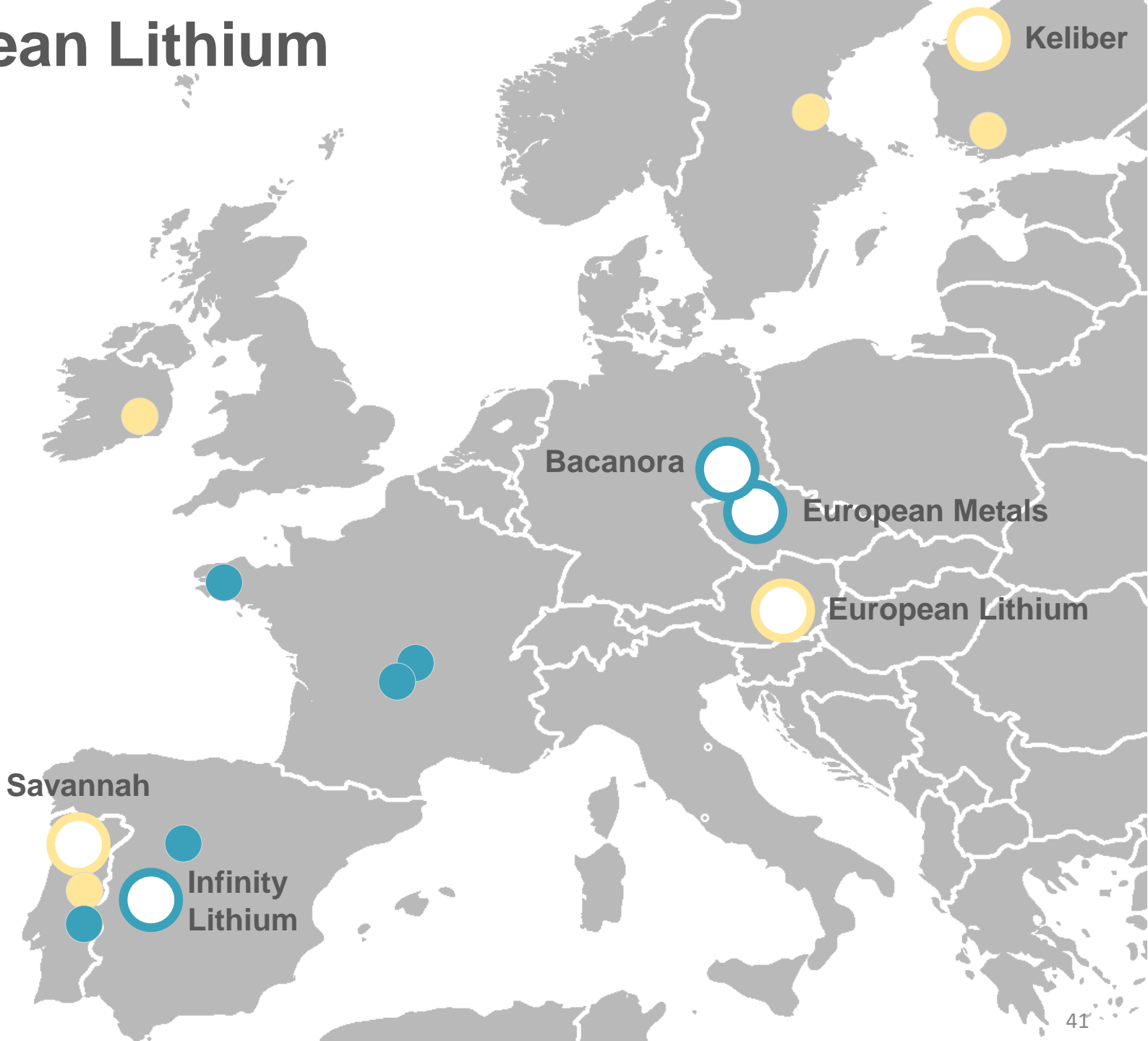
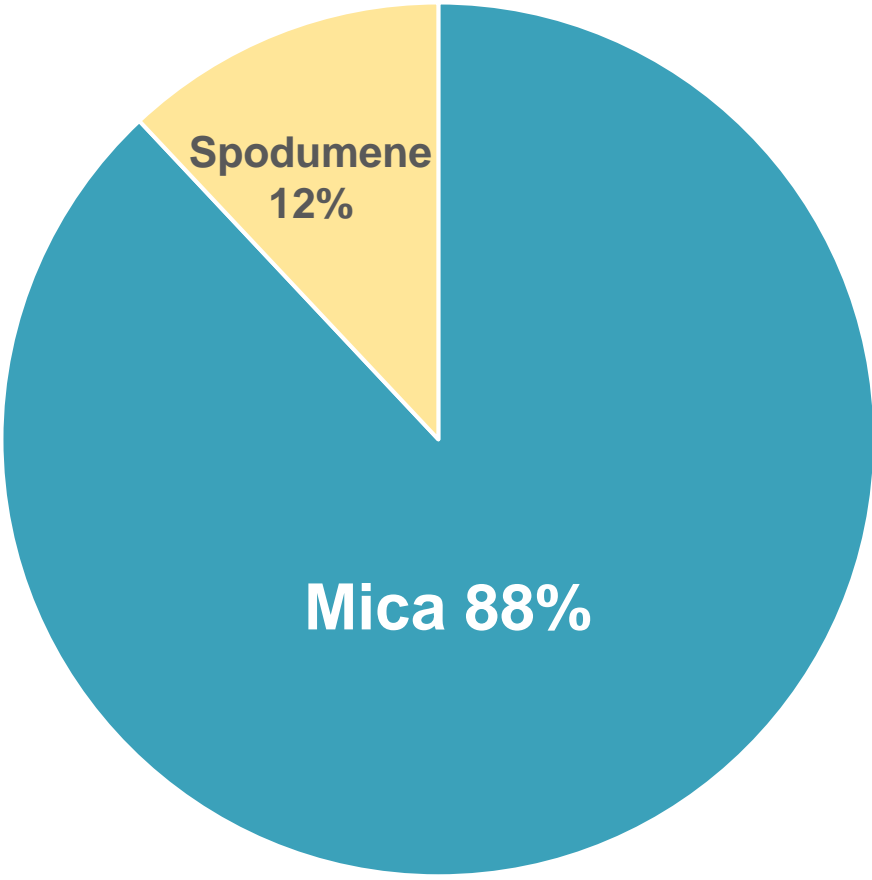
Fortescue Metals Group, the fourth largest iron ore producer in the world with AUD9Bn revenues in 2018, has applied for tenements in Portugal for potential lithium extraction, most likely from Mica



A large majority of **EU's** lithium resource are mica based...

Mica Dominates European Lithium Resources

Identified Lithium Resource in the EU



A Number Of Cathode Plants Planned In Europe In The Early 2020s

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

BASF and Norilsk Nickel to cooperate on raw material supply for battery materials production in Europe. BASF intends to invest up to €500M in a first step to build production plants for cathode materials in Germany starting in 2022

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

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



northvolt

 **BASF**

The Chemical Company

 **Johnson Matthey**
Inspiring science, enhancing life

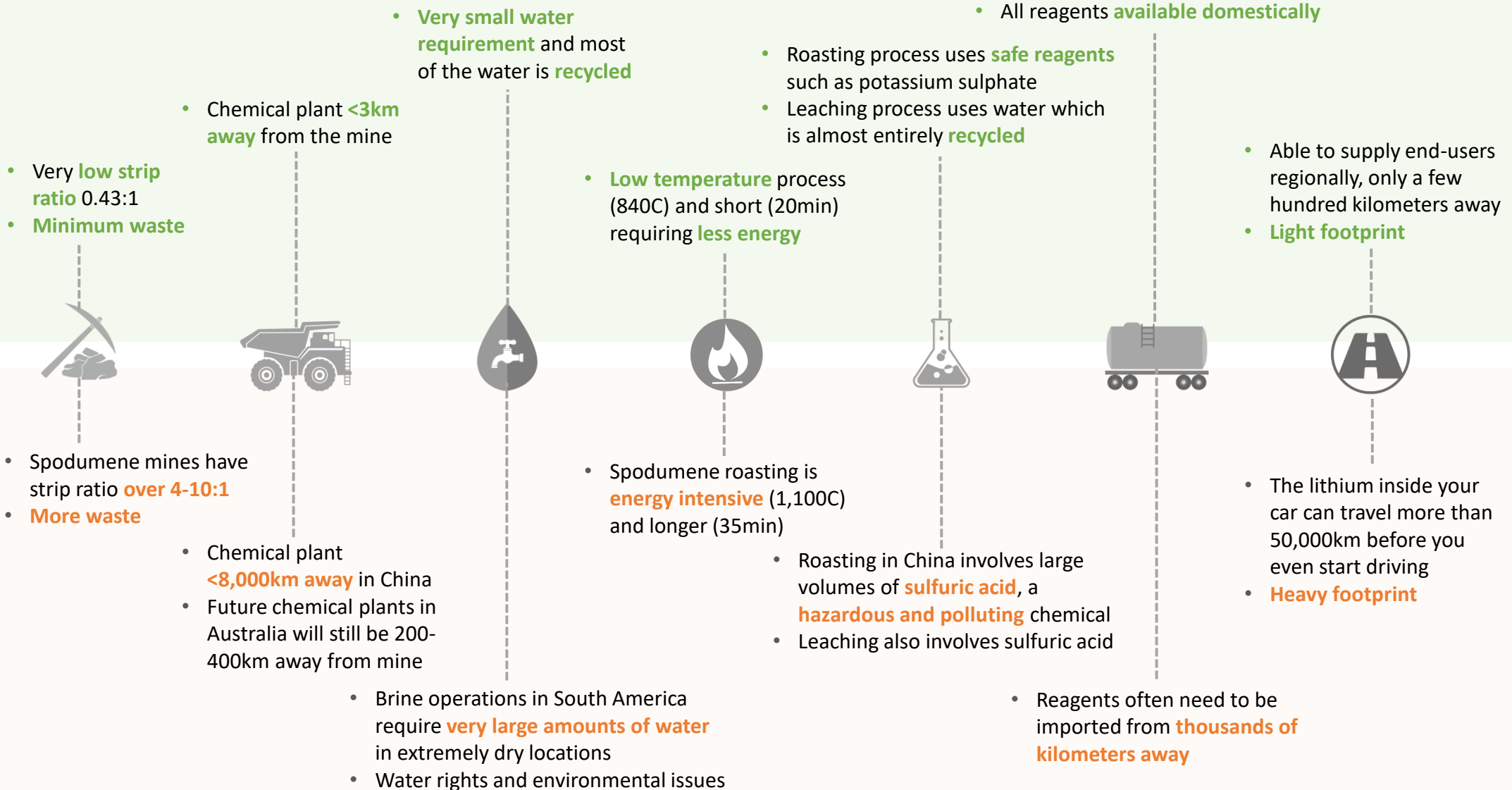

umicore

 ASX: INF

A Sustainable, Low Carbon Footprint Operation

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.

A Sustainable, Low Carbon Footprint Operation

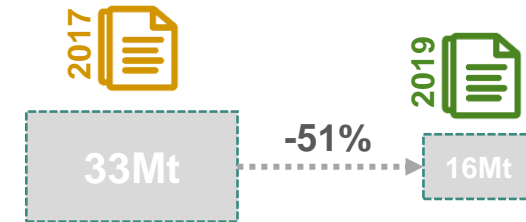
2017

Our initial Mining License Application for lithium carbonate utilized a very simple and plain tailings and waste storage procedure. This resulted in a very large surface area being covered. It also impacted on our ability to capture more contained water within the tailing's material

2019

We have reduced our total waste stored (~50%)

Total waste stored



Dry Stack Tailings



Tailings Slurry

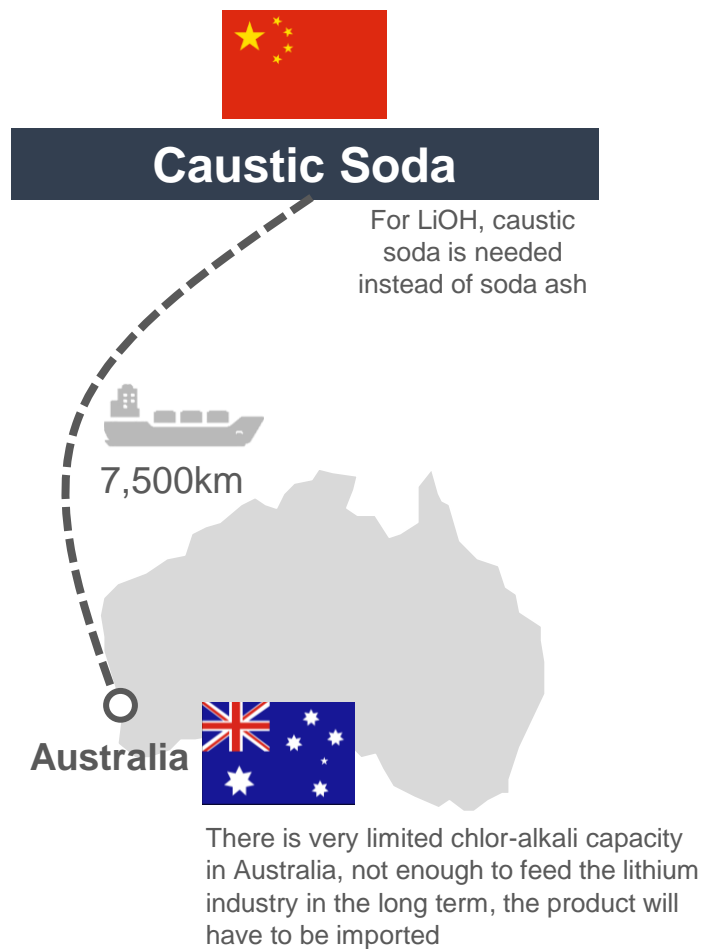
Our tailings are not a mud or slurry material, they are **dry stack tailings**. As opposed to slurry, our tailings contains little water and are safe to store without a need for a pond

Dry stacked tailings process results contain initially 15-20% water in tailings which is then further utilized through a **recirculation** design

Drainage channels a large amount of this contained water where it is then **captured and reused**

Lithium Processing Itself Should Improve Its Carbon Footprint

Lithium Chemicals production requires important volume of re-agents and most existing and future lithium chemical/conversion plants are very remote and have import those re-agents from very far away



Lithium Project Supported by Strong Economics

OPEX \$5,434/t LiOH
10-year Average



Mining
13%

General
2%

Processing
85%



Processing \$4,626/t LiOH
10-year Average

Consumables
5%

**Maintenance
Costs**
7%



Labour
11%



Power
19%
Full renewable
available

Other
10%

Gas Costs
24%



Pipeline adjacent
to the plant

Reagents
24%



MOU with
Ercros

Employment Opportunity



Direct Employment

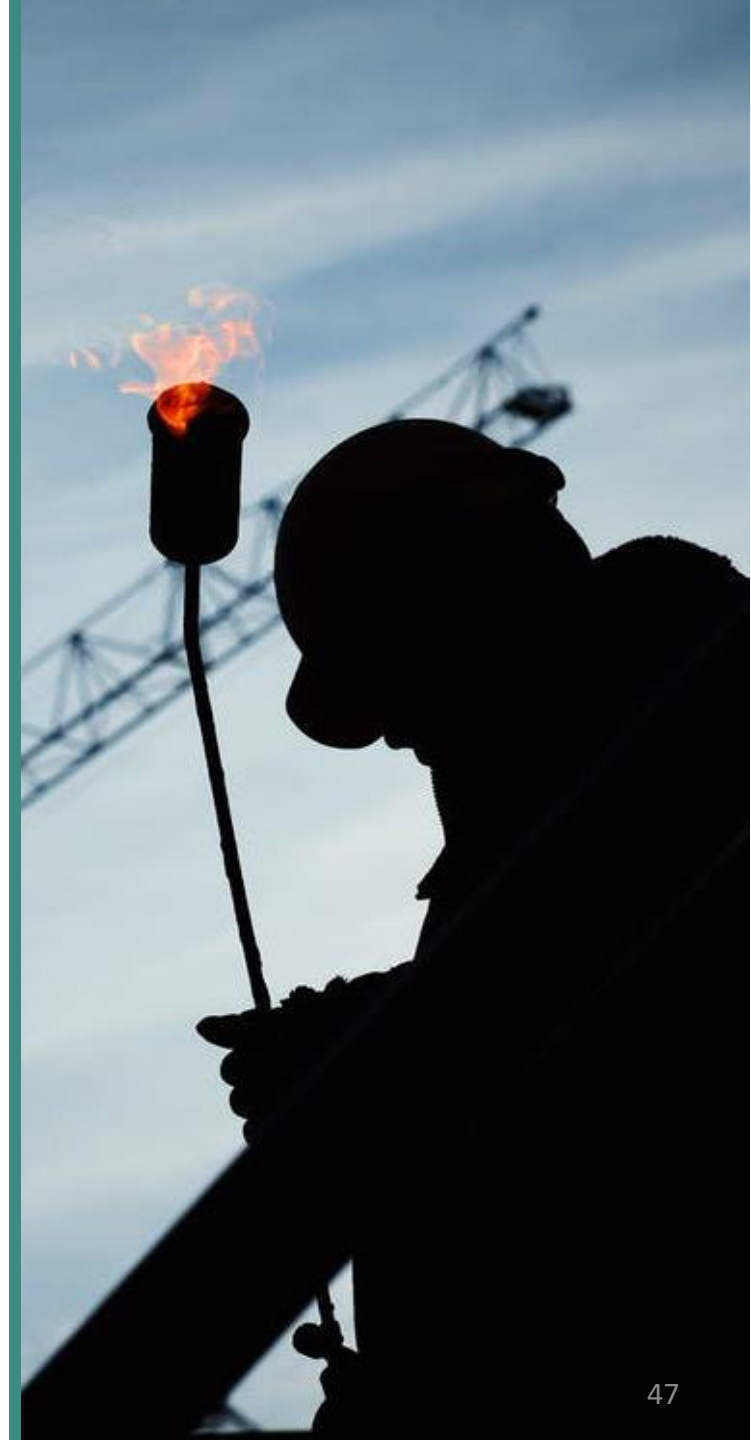
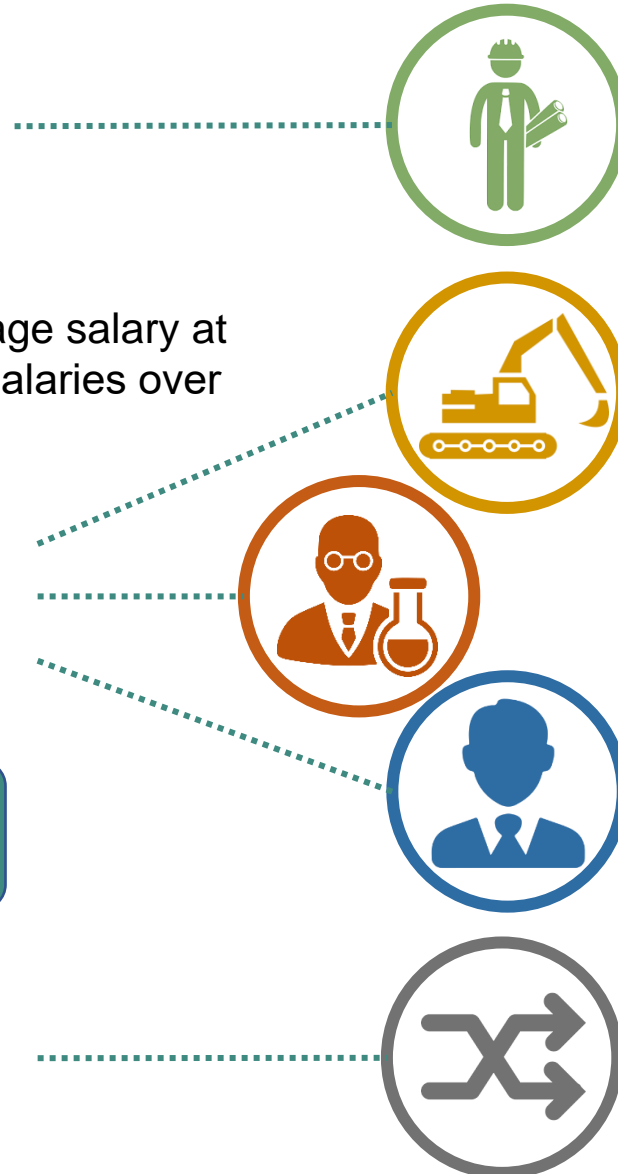
Construction: up to 310 workers for ~2 years,
>€96M of salaries

Operational: >195 employees for up to 30 years, average salary at the plant estimated at €48,000/y ,more than €230M of salaries over the life of the project

- ✓ Mining: 40 employees (20%)
- ✓ Processing site: 120 employees (62%)
- ✓ Administration: 15 employees (8%)
- ✓ Corporate: 20 employees (10%)

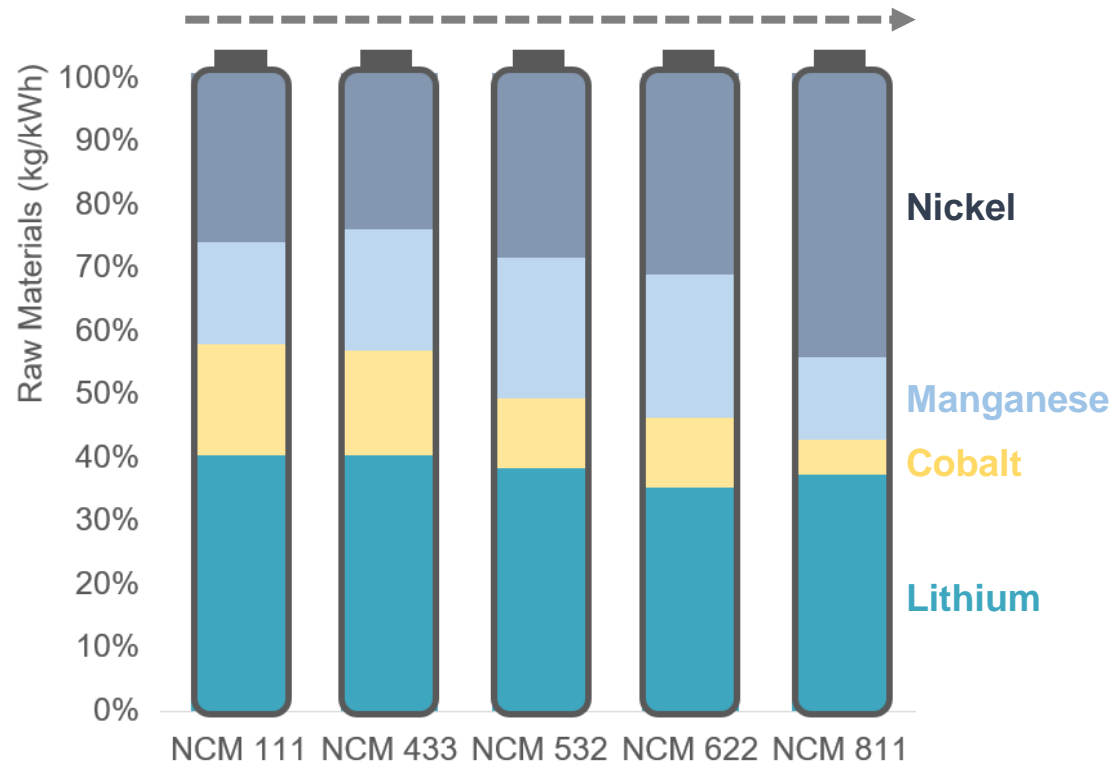
**Direct & indirect employment:
> 1,000 jobs**

Indirect employment is anticipated to be in the range of 500-750 people in the surrounding area and towns.



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

February News - European Li-ion Battery Supply Chain



Electrive

Official start of Saft battery cell pilot production in France

BBC

Petrol and diesel vehicle ban brought forward to 2035



Electrive

VW and Northvolt submit application for expansion of battery cell production in Salzgitter, Germany



Electrive

Lack of batteries hinders Mercedes & halts I-Pace production



Electrive

EV subsidy increase in Germany green lit by EU



Bloomberg

Europe Floors It in the Race to Dominate Car Batteries



Electrive

Total - PSA JV targets batteries for 1 million EVs per year by 2030



Electrive

Opel & PSA plants to make 48GWh battery cells yearly



Electrive

UK to create first zero-emissions bus town

ACEA

European electric vehicles sales jump by +81.3% in fourth quarter of 2019



Electrive

Gigafactory 4: Tesla applies for state funding in Germany

BASF

BASF further invests in Europe to strengthen global leadership position for battery materials for electric vehicles



Electrive

Maserati to electrify all new models and produce in Italy

Electrive

EV companies raised \$17Bn in 2019



Electrive

EU Commission approves electric bus funding for Germany

San Jose Lithium Project - Joint Venture Structure

