

# INFINITY TO PRESENT AT EUROPEAN & AUSTRALIAN CONFERENCES

Infinity Lithium Corporation Limited ('Infinity', or 'the Company') is pleased to be presenting online at the Benchmark Week 2020 – Battery Megafactories Europe Conference & Panel, and The New World Metals Conference at the Ritz-Carlton, Perth on Wednesday 9 December 2020.

**The New World Metals Conference** 

Investor Presentation: 12:00pm WST

Register at: New World Metals Conference

Benchmark Week 2020 - Battery Megafactories Europe Conference & Panel

Investor Presentation: 7:00pm WST

Panel discussion:

 Verkor SA: French industrial company planning to produce lithium-ion hatteries:

- Euro Manganese INF: Canadian public company with Czech manganese project,
- UBS Group AG; and
- Benchmark Mineral Intelligence.

Register at: Benchmark Week 2020 - Battery Megafactories Europe

The announcement was authorised by the Managing Director. For further details please contact:

Ryan Parkin CEO, Managing Director T: +61 (8) 6146 5325

E: rparkin@infinitylithium.com

Lucas Robinson Investor Relations Manager T: +61 (0)408 228 889

E: <u>Irobinson@infinitylithium.com</u>

ASX Release 9 December 2020 ASX: INF

FRA: 3PM

#### **Project highlights**

2<sup>nd</sup> Largest JORC hard rock lithium deposit in the EU

**Strategically located** in Spain, Europe to be the 2<sup>nd</sup> largest market for battery grade lithium after China

1st lithium project to secure EIT InnoEnergy Funding

Uniquely **fully integrated project** with mine and adjacent conversion plant

**Low carbon footprint** and sustainable operation

#### **Corporate Directory**

**Ryan Parkin**Managing Director & CEO

Adrian Byass Non-Executive Chairman

Remy Welschinger Non-Executive Director

Jon Starink
Executive Director

#### **Contact**

Level 3, 22 Railway Road Subiaco WA 6008

T: +61 (8) 6146 5325 E:admin@infinitylithium.com W: www.infinitylithium.com W: www.sanjosevaldeflorez.es











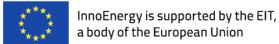


ASX:INF | FRA:3PM













## **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. 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 undertaken 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.

#### **Pre-Feasibility Study – Cautionary Statement**

The Study referred to in this announcement is a preliminary technical and economic investigation of the potential viability of the San José Lithium Project. It is based on low accuracy technical and economic assessments, (+/- 25% accuracy) however is sufficient to support estimation of Ore Reserves or to provide assurance of an economic development case at this stage; or to provide certainty that the conclusions of the Study will be realised. Infinity is in Joint Venture ('JV') with Valoriza Mineria SA, a subsidiary of SACYR S.A. Infinity have independently engaged the services of Wave International Pty Ltd ('Wave') to assess the technical and economic viability with regards to producing battery grade lithium hydroxide under the San José Lithium Project. Whilst the Pre-Feasibility Study has yielded robust outcomes and provided independent perspective on the opportunity to produce battery grade lithium hydroxide, there is no guarantee that the JV will choose to adopt the outcomes of the study.

The Production Target referred to in this presentation is based on 100% Probable Reserves for the life of mine life covered under the Study. In accordance with the thirty (30) year mine plan incorporated into the Study, the first three (3) years of production (covering payback period) will come 100% from Probable Reserves.

The Study is based on the material assumptions outlined below and include assumptions about the availability of funding. While the Company considers all the material assumptions to be based on reasonable grounds, there is no certainty that they will prove to be correct or that the range of outcomes indicated by the Study will be achieved. To achieve the potential mine development outcomes indicated in the Study, additional funding will be required. Investors should note that there is no certainty that the Company will be able to raise funding when needed however the Company has concluded it has a reasonable basis for providing the forward looking statements included in this announcement and believes that it has a "reasonable basis" to expect it will be able to fund the development of the San José lithium deposit.

To achieve the outcomes indicated in this Study, initial funding in the order of US\$309m (which includes a 15.3% contingency) will likely be required, and US\$318m (including a 15.3% contingency) over the life of the Project. Investors should note that there is no certainty that Infinity will be able to raise funding when needed. Infinity holds a total of 75% interest in the San Jose Lithium Project, with Valoriza Mineria holding the balance of 25% interest. It is also possible that Infinity can pursue a range of funding strategies to provide funding options. It is also possible that such funding may only be available on terms that may be dilutive to or otherwise affect the value of Infinity's existing shares. It is also possible that Infinity could pursue other value realisation strategies such as sale, partial sale, or joint venture of the Project. If it does, this could materially reduce Infinity's proportionate ownership of the Project. Given the uncertainties involved, investors should not make any investment decisions based solely on the results of this Pre-Feasibility Study.



# **Infinity Lithium: Overview**



#### **SNAPSHOT**

Building the capability to supply lithium chemicals that are critically required for the EU's rapid transition to electric mobility



Fully integrated lithium hydroxide production in the EU



Essential component in EU's lithium-ion battery value chain



Leveraging the EU's rapid adoption of electric vehicles



**European financial, technical and commercial endorsement** 



Tier 1 project with compelling financial fundamentals

### **CORPORATE INFORMATION (ASX:INF)**

Shares on issue	~ 310.3m
Options, SARS	~ 87.2m
Share price (1)	A\$0.155
Market Cap (2)	A\$61.6m
Cash (3) (Debt: nil)	A\$4.8m

### **BOARD OF DIRECTORS**

Adrian Byass	Non Executive Chairman
Ryan Parkin	CEO & Managing Director
Jon Starink	Chief Technical Officer
Remy Welschinger	Non Executive Director

### **MANAGEMENT**

Jonathan Whyte	CFO & Company Secretary
David Valls	General Manager: Extremadura Mining
Cayetano Polo	Head of Institutional Relations
Lucas Robinson	Investor Relations Manager

- (1) Closing share price as at 4 December 2020
- (2) Fully diluted market capitalisation as 4 December 2020
- (3) Cash as at 9 November 2020



# Why Infinity Lithium?



### **EV Uptake**

Adoption of EVs are rapidly accelerating in the EU

- ☐ European Governments are driving mega-trend towards electrified vehicles.
- □ EU, the 2<sup>nd</sup> largest but fastest growing EV market in the world during 2020.

### **Strategic Political Focus**

EU Policy for LIB<sup>(1)</sup> value chain self-sufficiency

- EU committed to develop domestic mining and refining capacity for battery metals.
- ☐ Lithium on EU List of Critical Raw Materials & launch of European Raw Material Alliance.

### **Hydroxide for EVs**

Lithium hydroxide is the high value, high-growth product

- Lithium hydroxide used in high Ni content cathodes: greater energy densities & range.
- ☐ Global demand for lithium hydroxide projected to surpass lithium carbonate by 2023<sup>(2)</sup>.

### **Geopolitically Impacted**

EU Remains Critically Exposed to China

- ☐ China produces 83% of global lithium hydroxide supply EU currently produces 0%.
- ☐ Diversifying lithium hydroxide supply imperative for European policy makers and industry.

#### **EU Endorsement**

Investment & support by EIT InnoEnergy

- Tier 1 Project has secured direct financial endorsement from EIT InnoEnergy.
- Dorfner Anzaplan in Germany conducting test work for lithium hydroxide production.

- Lithium-ion batter
- (2) Canaccord Genuity Estimates: September 2020

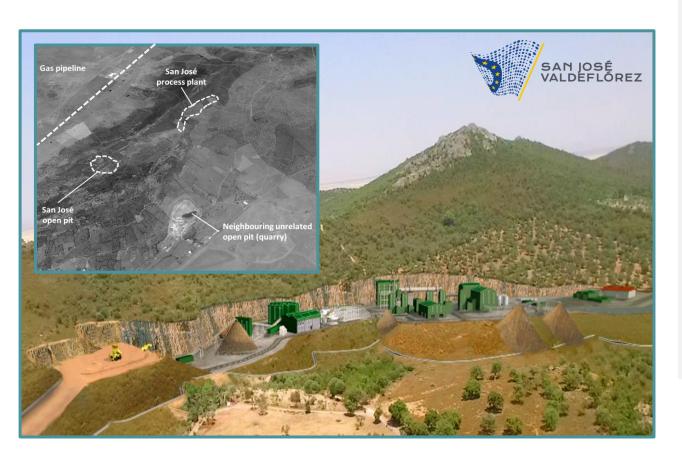


# San José Lithium Project: Highlights



#### **FULLY INTEGRATED PRODUCTION**

of battery grade lithium hydroxide



INF: 75% project ownership; option to acquire 25%

EU's 2<sup>nd</sup> largest hard-rock lithium resource

Planned production ~ 15kt pa<sup>(1)</sup> lithium hydroxide

**Project life 30yrs** 

Pre-production Capex US \$309m<sup>(2)</sup>

NPV<sub>(10)</sub>: US\$860m IRR: 42.3%

As announced on 22 August 2019. The Company confirms that it is not aware of any new information or data which affects the information disclosed and that all material assumptions underpinning the production target and project economics to apply and have not materially changed.

<sup>(1)</sup> Average 1st 10 years of production

<sup>(2)</sup> Includes contingencies, total US\$268m excluding contingencies



# **EU Policy: Driving the EV Mega Trend**

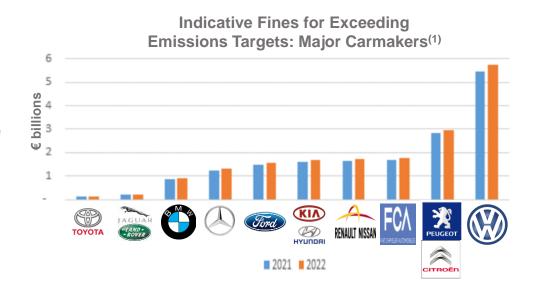


### The EU is committed to a Net Zero Carbon 2050 target



# Strict regulations on emissions

are driving EU companies to be at the forefront of lithium-ion battery value chain investments





# Fines for emissions in the € billions

EU auto manufacturers are not expected to meet the new 95g/km CO2 target and could face fines amounting to more than €20 billion in both 2021 and 2022<sup>(1)</sup>.



#### **INCENTIVES**

26 out of 27 EU member states providing substantial subsidies and tax incentives for consumers and businesses to switch to FV's.



- □ Proposing a €20B purchasing facility
- Potential future exemption from VAT



- Subsidies of up to €9,000
- □ Pure EV vehicle tax exemption extended to 2050

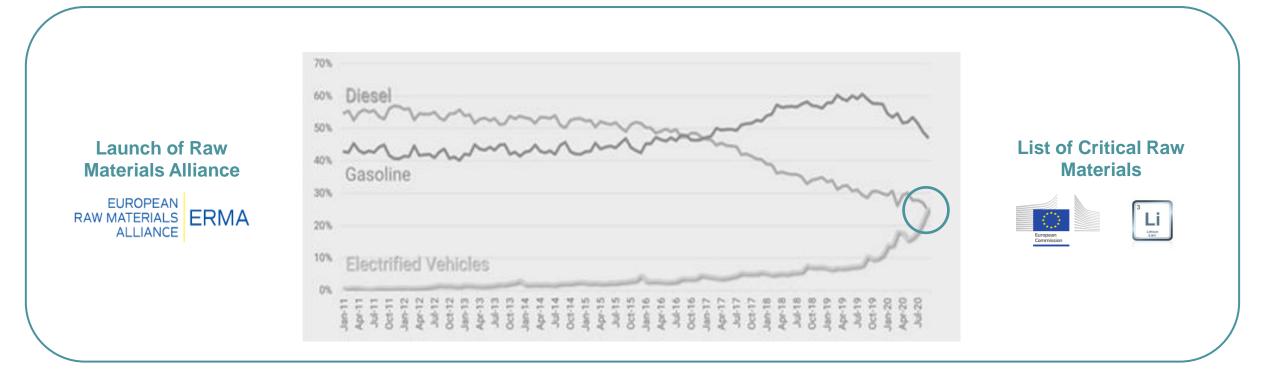


# **Recent EU Developments**



#### **EU MASS ADOPTION OF EVS**

Driven by policy, EV registrations in the EU pass diesel ICEs for the 1st time in Q3 2020



European automakers need to transition to EV production rapidly as consumer preferences and government policies drive development away from internal combustion engines.



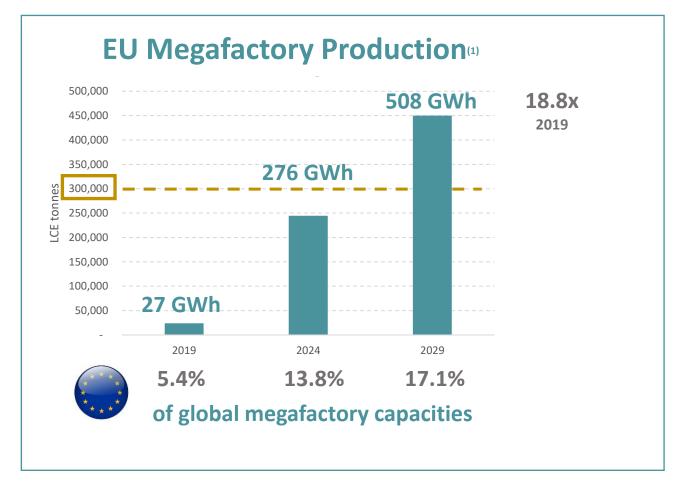
# Infinity Lithium: Lithium Market & EU Focus



The availability of battery grade lithium hydroxide remains key.... as competition heats up between China and the EU



Current global demand ~ 300kt LCE





Current global conversion ~ 83% LiOH



# Infinity Lithium: Lithium Market & EU Focus





Europe is forecast be the 2<sup>nd</sup> largest producer of









# Battery grade lithium hydroxide Urgent response is required in the EU



- European Commission drive to develop an EU lithium-ion value chain
- Realisation of the critical importance of lithium chemical conversion
- Lithium included in the EU List of Critical Raw Materials in September 2020





# **EU Lithium-ion Battery Value Chain**



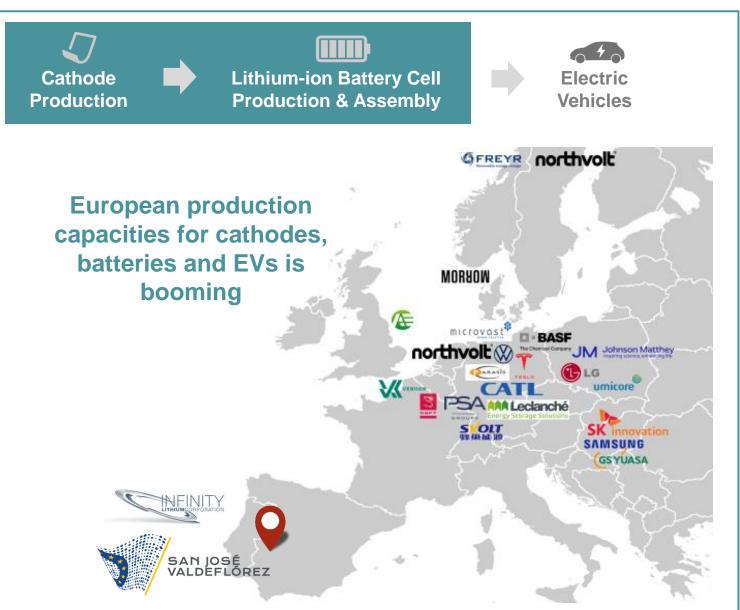




Chemical Conversion



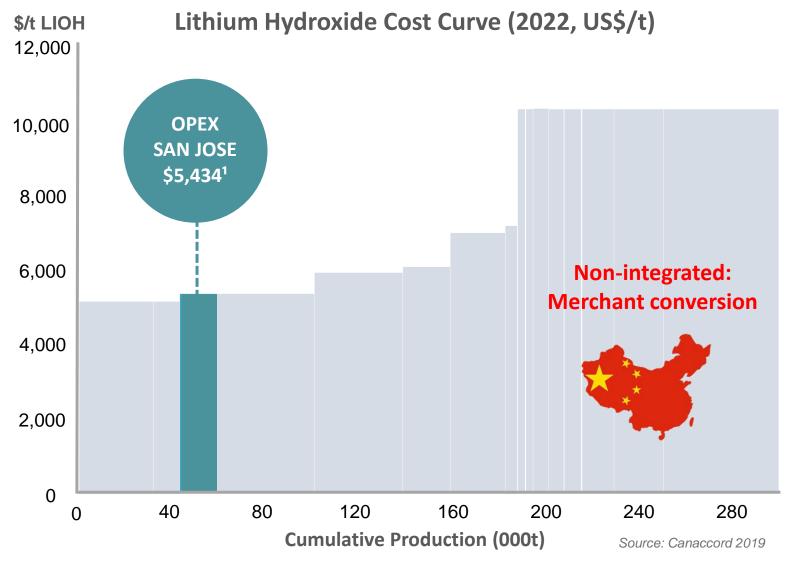
- The existing supply chain for lithium-ion batteries for EV production in the EU is grossly inefficient and carbon intensive.
- There has been significant investment in lithium-ion battery gigafactories in the EU, however there is currently no lithium hydroxide produced in the EU.
- Infinity plans to exploit the San José Lithium deposit to sustainably produce a high-value battery grade lithium hydroxide product on the doorstep of Western Europe's cathode, battery and EV manufacturing centres.

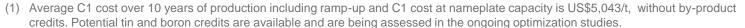


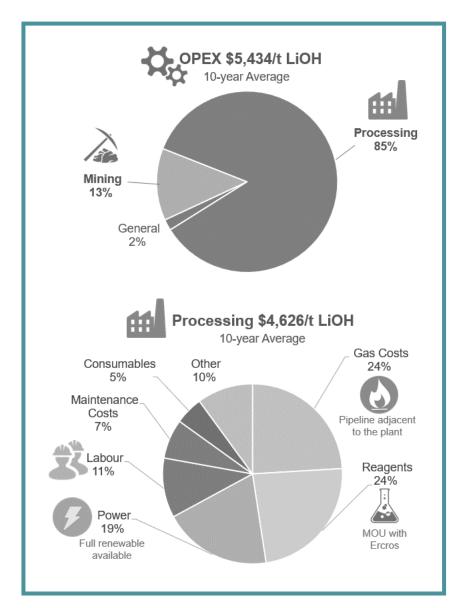


# Low Cost on a Global Scale, EU Advantage











# **EIT InnoEnergy & Infinity Lithium**



### Infinity: The 1st Lithium Project to Secure EU Funding through EIT InnoEnergy

Under the Business Investment Platform

#### **EIT InnoEnergy**

Manages EBA industrial development programme EBA250



#### **European Battery Alliance**

- Launched in Oct 2017
- Aim: create competitive and fully integrated battery manufacturing chain in the FU
- EBA250: Annual market value is estimated at €250 billion from 2025 onwards





#### **Business Investment Platform**

- EBA launched BIP in Sept 2019
- €70bn investment in batteries is required in the EU by 2023



## **Direct Investment**

€800,000 (~ A\$1.3m)

- Payable in 3 tranches for phase one
- ☐ Funding aligned to test work for feasibility study
- Test work currently underway

### **Fundraising**

€2.4m<sup>(1)</sup>

- (~ A\$4.0m)
- ☐ Support and facilitate investment for phase two
- ☐ Funding aligned to pilot plant

## **Project Finance**

€300m<sup>(2)</sup> (~ A\$500m)

- Assist in securing full project financing
- Debt & equity

#### **Services**

- ☐ Assist in securing offtake
- ☐ IP licensing agreement
- Advisory & support personnel



# **Infinity Lithium Technical Program**



### **2020: Commence Feasibility Study**

Bench scale optimisation & production of battery grade samples



### Funded by EIT InnoEnergy:

- Total funding commitment €800,000
- Tranche 1 payment received



# Test work underway at Dorfner Anzaplan facilities in Germany:

- Infinity on site in July 2020: optimisation and production of samples underway
- Initial flotation optimisation results have verified and exceeded PFS open circuit recoveries



### **Next Steps:**

 Engagement with EU technology & off-takers to verify battery grade LiOH

## **Technical Advisory Committee**

Leading lithium processing experts leading the test work program



Jon Starink: Chief Technical Officer

- ☐ Highly credentialed lithium expert
- □ Significant experience in hard-rock lithium projects & development of downstream lithium chemical conversion facilities



David Maree: Technical Advisor

- Process Development Scientist with significant experience in world class hard rock lithium projects
- □ Principal Research Scientist with Talison Lithium (Greenbushes) from 2011 2015







# **Net Carbon Neutral 2050: EU Funding**



EU's economic recovery aligned to transforming the EU's economy for a **sustainable future** through investment in **digital**, **renewable energy and environmentally sustainable projects**.



### **Coronavirus Recovery Fund**

€750 billion

"ready-made tool" to boost domestic supplies of the raw materials needed to make lithium-ion batteries



"Last year, the **EIB changed their energy lending mandate** and started working with potential **European suppliers of lithium, to invest in extraction and processing**, which is very important for investors."



#### Maros Šefčovič

Vice President of the European Commission Leader of EBA & ERMA





""The Board's investment budget is going to be the largest in its history this year.

European funds must be invested in the (Extremadura) lithium mine."

#### Luis Garicano

Vice President of the Alliance of Liberals and Democrats for Europe (ALDE Party)



# **Prioritising Sustainable & Ethical Sourcing**





**European Commission** will propose new **environmental standards for batteries:** an effort to **outgreen China** & offer local producers a way to differentiate their production from Asian competitors.



**Europe plans 'battery passport' to ensure responsible sourcing of materials** 



# Supply chain watchdog RCS Global appointed

- Raw materials extraction & processed focus
- ID.3 & ID.4 models produced with carbon neutral footprint



# Considers the total value chain of a battery cell

From cradle to grave<sup>(1)</sup>

(1) Source: BMW Group Investor Presentation 15



## **Good Citizens: ESG Profile**



### San José is a sustainable and fully integrated project aligned to the EU's green strategic targets



Very low strip ratio: producing minimal waste



EU sourced reagents: common fertilizer used instead of sulfuric acid



Recycling of key inputs: potassium sulphate and water



Dry stack tailings: benign waste profile allows continuous rehabilitation







100% of electricity capable of being provided by renewable energy sources



No shipping of plant feedstock: resource & conversion plant on site



Close to EU end markets: high value product close to end users, minimal CO<sub>2</sub> transport footprint



Product applied to clean, green technologies and industries



Project will generate long term & skilled employment in the locality of Caceres



# **Infinity Lithium: Milestones**







Cayetano Polo:

Head of Institutional
Relations



- Prior Leader of Ciudadanos (regional), and Provincial Deputy of Cáceres.
- Environmental Engineer
- Institutional Relations



# Summary





Fully integrated lithium hydroxide production in the EU



**European Deal with InnoEnergy: Funding Feasibility Test Work** 



Leveraging the EU's rapid adoption of electric vehicles



Building technical and in-country teams of experts



EU political and financial support for lithium value chain



Sustainable project close to EU end markets

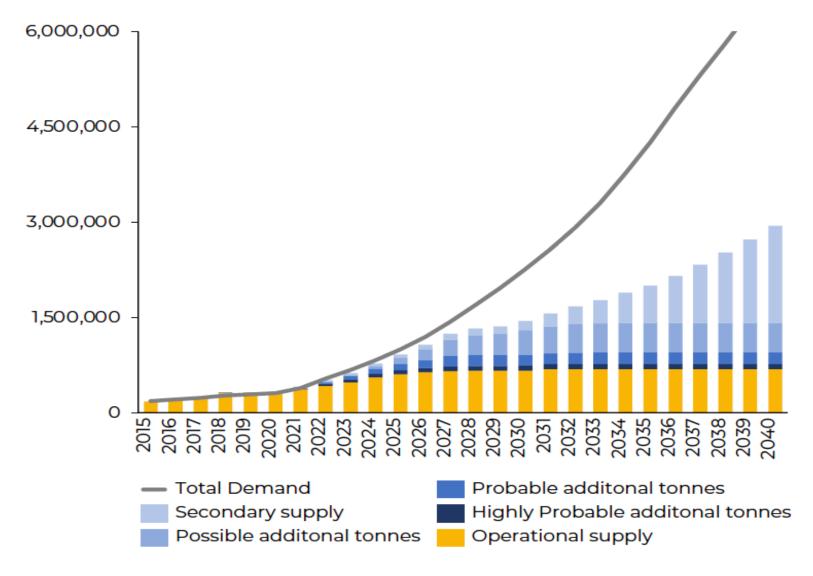






# **Appendix 1: Lithium Forecast**





Source: Benchmark Lithium Forecast Q3 2020



# **Appendix 2: Lithium ion Battery Megafactory**



