# INFINITY LITHIUM Investor Presentation Highlights June 2020

FULL PRESENTATION AVAILABLE ON <u>www.infinitylithium.com</u>









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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.

#### **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 – EUROPEAN LITHIUM HYDROXIDE PROJECT

1



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



Infinity's San Jose operation is a **fully integrated** and **sustainable** project in **Spain** 

2



Infinity Signs First
Binding European
Funding Deal

# Multi-level Investment & Collaboration Agreement:

- Fund up to €800K for phase I pilot plant
- Support fundraising activities for phase II pilot plant, up to €2.4 million
- Assistance agreement to support in fundraising activities for up to €300 million

3



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



**30-year production**, total revenues **US\$6 Billion**, Pre-tax **NPV at US\$860M**, a Pre-tax **IRR at 42%** 



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

## **Europe To Become The Second Largest Consumer Of Lithium**

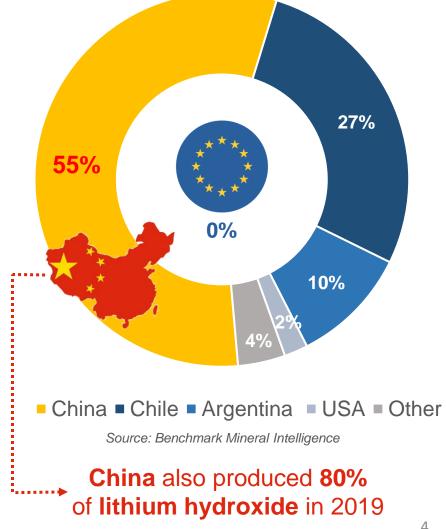




A fully integrated European Lithium-ion battery supply chain will require more than the global production of lithium today



#### **Lithium Chemical Supply in 2019**





#### Headlines In The Last Two Months In Europe...







- Europe eclipses China in EV investment
- **EU** Commission considers €100bn on euro transport package
- France injects €8bn to fuel car industry revival
- France's new €13K EV incentive most generous in Europe
- Germany forces all petrol stations to provide electric car charging
- Germany rebuffs gasoline auto lobby with radical electric plan

- EU's battery mega-projects charge on despite virus
- **LG Chem** secures €500M for Polish factory expansion
- Volkswagen builds battery factory in Salzgitter
- Daimler expands battery production starting in Germany
- BASF confirms cathode production plans
- EIB signs €125M loan with Umicore for cathode materials in Poland



#### **Bloomberg**



REUTERS



**DOW JONES** 







- "To meet climate goals, EU will need 60 times more lithium by 2050" T.Breton, EU Market Commissioner
- Lithium tipped for EU list of critical raw materials
- Coronavirus puts European electric carmakers on alert over lithium supplies
- European Commission Supporting Sustainable Lithium Project in Europe and in Spain
- EU must engage in lithium standards or lose to China, EU's Commissioner says
- "The coronavirus crisis showed vital supplies are exposed to disruption and Europe is extremely reliant on China to source these vital supplies. Vital supplies range from pharmaceuticals to lithium" T.Breton, EU Market Commissioner
- Electric Vehicles Take Off, Europe Plans 'Battery Passport' To Ensure Responsible Sourcing Of Materials
- Infinity Lithium Signs First Binding European Funding Deal



### Infinity Becomes 1st Project To Secure EU Funding



#### **EU Binding Deal In 6 points**

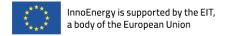
- 1. Investment: InnoEnergy to fund up to €800K in INF to support the development of phase I of Infinity's pilot plant
- 2. Support fundraising activities for phase II of INF's pilot plant from both public and private funds (estimated between €1.6 €2.4M)





**3. Full Project Financing:** InnoEnergy will assist Infinity in **securing full project financing** including both **equity and debt**, as previously demonstrated through successful assistance in project funding within the EU lithium-ion battery supply chain





## Infinity Becomes 1st Project To Secure EU Funding



#### **EU Binding Deal In 6 points**

4. Off take Agreement: Through the European Battery Alliance network, InnoEnergy will support and facilitate negotiations with European off-takers

The EBA network includes >400 participants covering the entire battery value chain from active materials to cell manufacturing, battery making to electric vehicles production





5. Licensing & IP: Participate in the design of a license scheme for the technology developed through the test work and applicable to other EU lithium projects and deposits



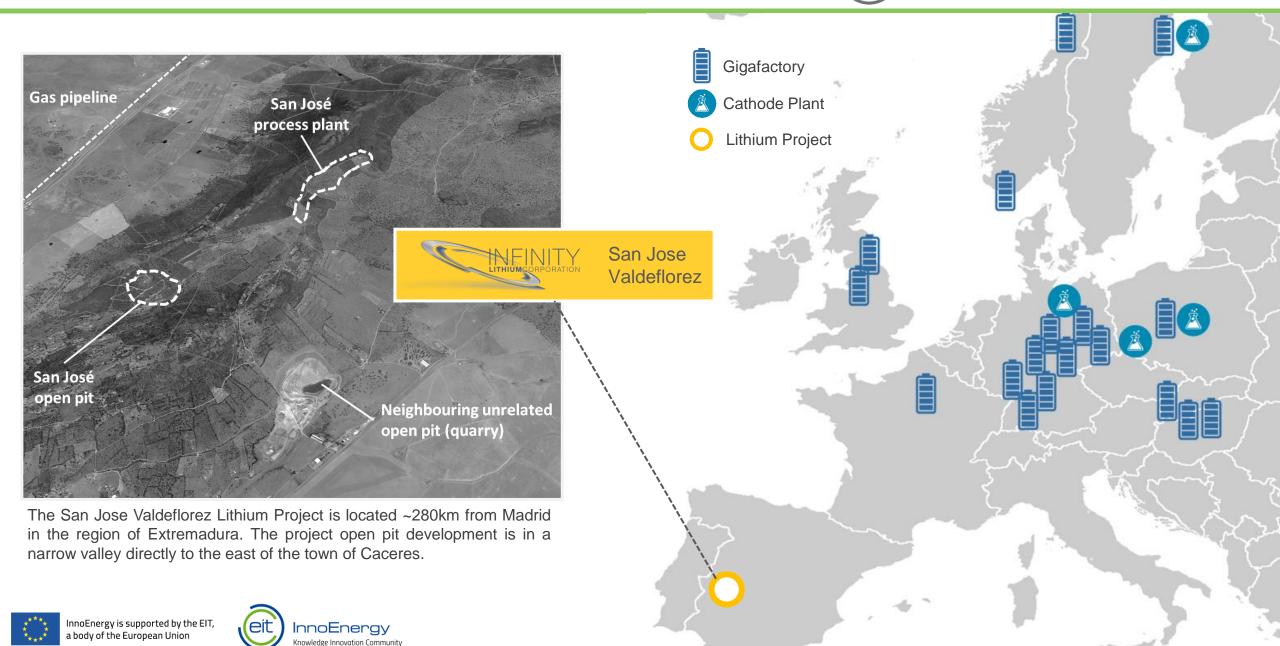
**6.** Advisor & EU Board Members: Advisor appointed who mobilizes InnoEnergy's ecosystem to support the development of the project and bring external senior European & Spanish representatives to the leadership of Infinity



# Strategically Located in Extremadura, Spain (29)





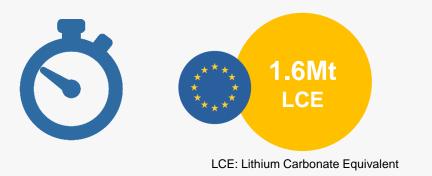


### A Large And Long-Term Asset Supporting EV Growth



**2nd largest hard rock lithium resource** in the **EU** JORC Resource 111.2Mt (Ind. 59Mt, Inf. 52.2Mt), Probable Reserves 37.2Mt

30 years of LiOH production, only depleting <50% of JORC resource



To produce around **15,000t**<sup>1</sup> of lithium hydroxide battery grade per year

(1) During the first 10 years of operations.

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



Today, >95% 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



#### A Large And Long-Term Asset Supporting EV Growth



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

Parameter	Amount Mt	Li%	Li2O (%)	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.

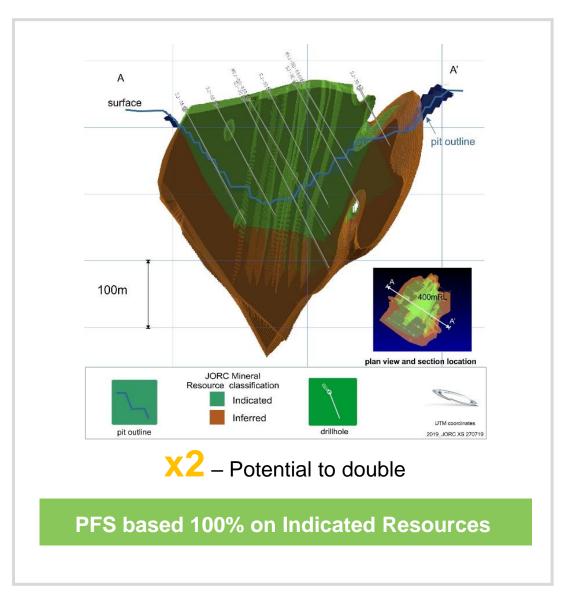
JORC Table 1 included in an announcement to the ASX released on 23 May 2018: "Lithium Resource and Open Pit Upgrade". Infinity confirms that it is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

Lithium (Li) mineralisation is commonly expressed as either lithium oxide (Li<sub>2</sub>O) or lithium carbonate (Li<sub>2</sub>CO<sub>3</sub>) or Lithium Carbonate Equivalent (LCE). Lithium Conversion:

 $1.0\% \text{ Li} = 2.153\% \text{ Li}_2\text{O}$ 

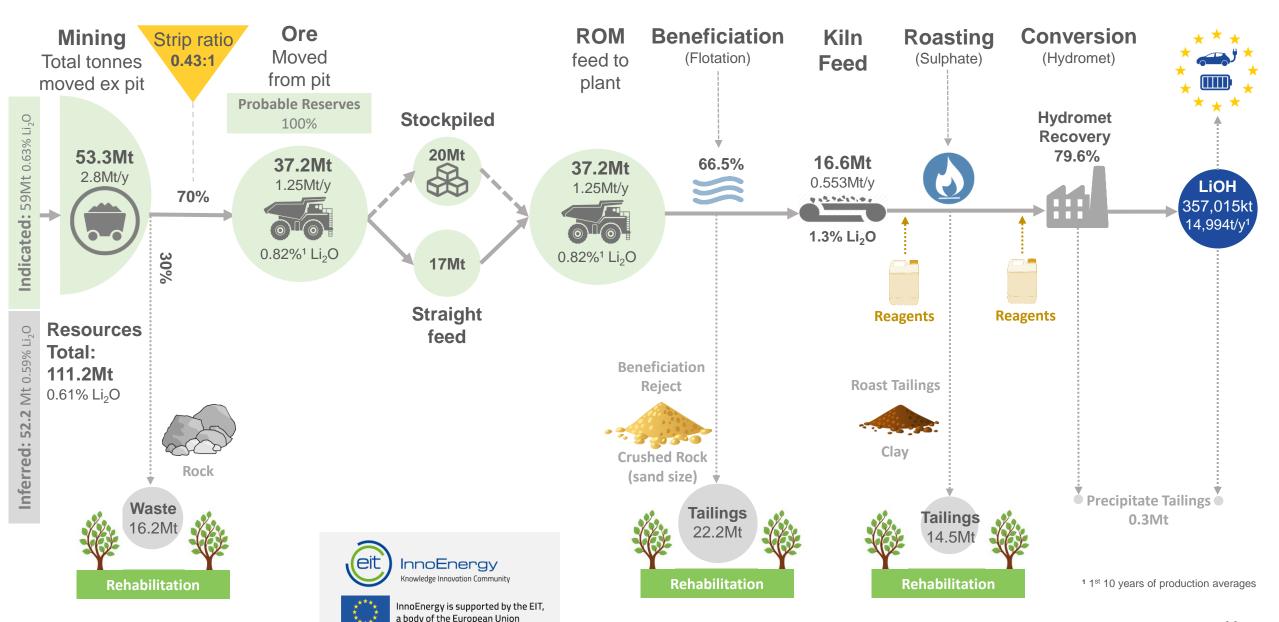
 $1.0\% \text{ Li} = 5.32\% \text{ Li}_2\text{CO}_3$ 

 $1.0\% \text{ Li}_2\text{CO}_3 = 0.880\% \text{ LiOH.H}_2\text{O}$ 



## A Uniquely Fully Integrated Industrial Lithium Project

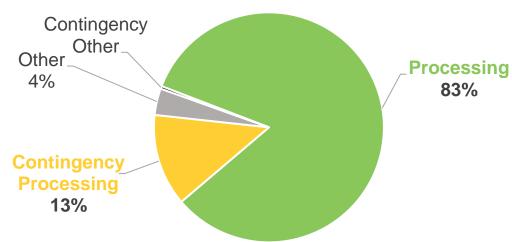




## A Uniquely Fully Integrated Industrial Lithium Project



# Pre-Production Capital Expenditure Including Contingency \$309M



#### **Conversion Plant (Processing):**

- >83% of the total investment
- Majority of jobs 155 direct positions
- No visibility from Caceres
- Using common fertilizer and recycling it as opposed to regular Chinese conversion practice with use of sulphuric,
- Dry stack tailings & continuous rehabilitation





#### Ongoing Test Work To Deliver BG Lithium Hydroxide



# Phase 1 Bench Scale

 <u>Target</u>: Produce 400-600g of Battery Grade Lithium Hydroxide and deliver sample to selected off-takers for testing & validation



Feedstock (Mica)



Pilot Plant Phase I



Pre-Selected \*\*
EU Off Takers \*\*



# Phase 2 Pilot Plant

 <u>Target</u>: Produce 2-4kg of Battery Grade Lithium Hydroxide and deliver sample to selected offtakers for testing & validation



Feedstock (Mica)

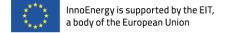


Pilot Plant Phase I



Pre-Selected EU Off Takers





#### A PFS Validating Strong Economics



#### INFINITY LITHIUM PROJECT LITHIUM HYDROXIDE PRE-FEASIBILITY STUDY



NPV <sub>10</sub> Pre-tax \$	US\$860M	IRR Pre-tax	42.3%
Total Revenue From Lithium Hydroxide	US\$6Bn	CAPEX <sup>2</sup> (Pre-production)	US\$268M
OPEX1·3	US\$5,434/t	Capital Intensity	\$US16K/t
Annual Production <sup>3</sup> of lithium hydroxide	15,000t/y	Project Life Mine Life	30 years 19 years
2 <sup>nd</sup> Largest EU Hard Rock Lithium Resource	1.6Mt LCE	Strip Ratio	0.43:1

100% Project Ownership Basis

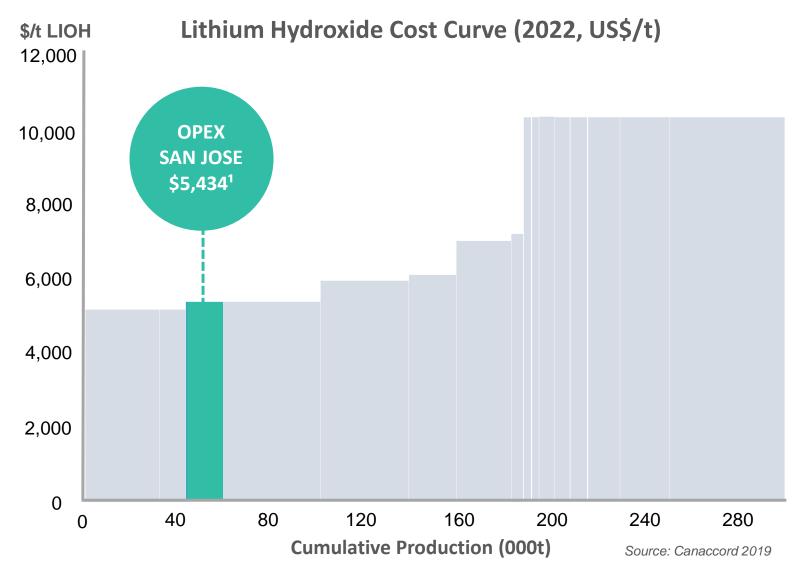
- (1) Average C1 cost over 10 years of production including ramp-up and C1 cost at nameplate capacity is US\$5,043/t, without by-product credits. Potential tin and boron credits are available and are being assessed in the ongoing optimization studies.
- (2) Excludes contingency. Total pre-production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

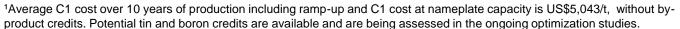


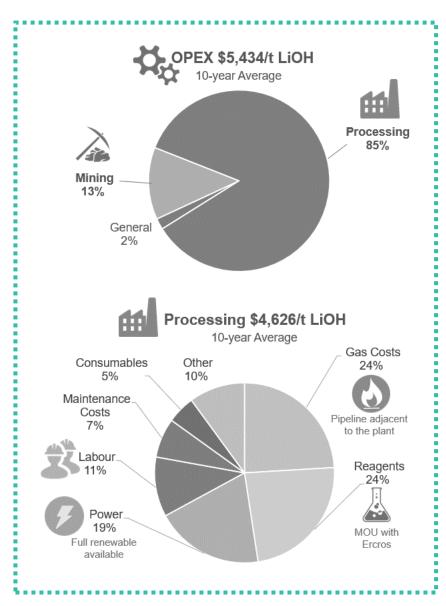


#### Seating At The Bottom Of The Global Cost Curve



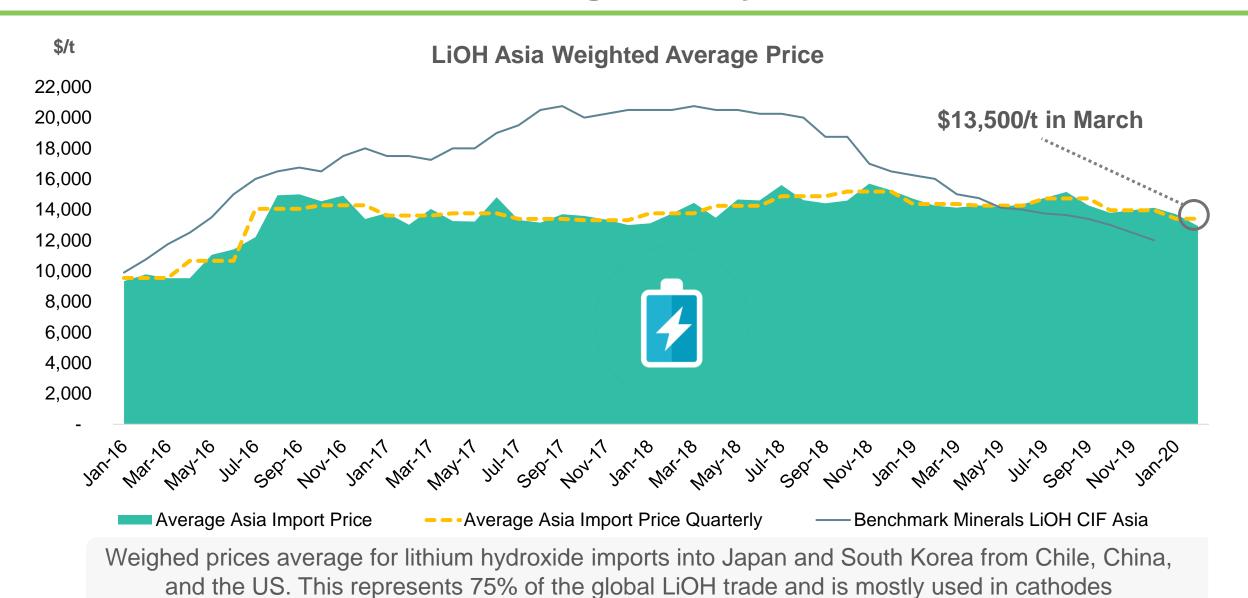






#### **Global Contract Prices Showing Stability**





### A Sustainable, Low Carbon Footprint Operation



Integrated plant and proximity to endmarkets 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

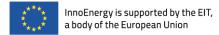


Low water consumption, significantly less than in brine production, most of the water is **recycled** 



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

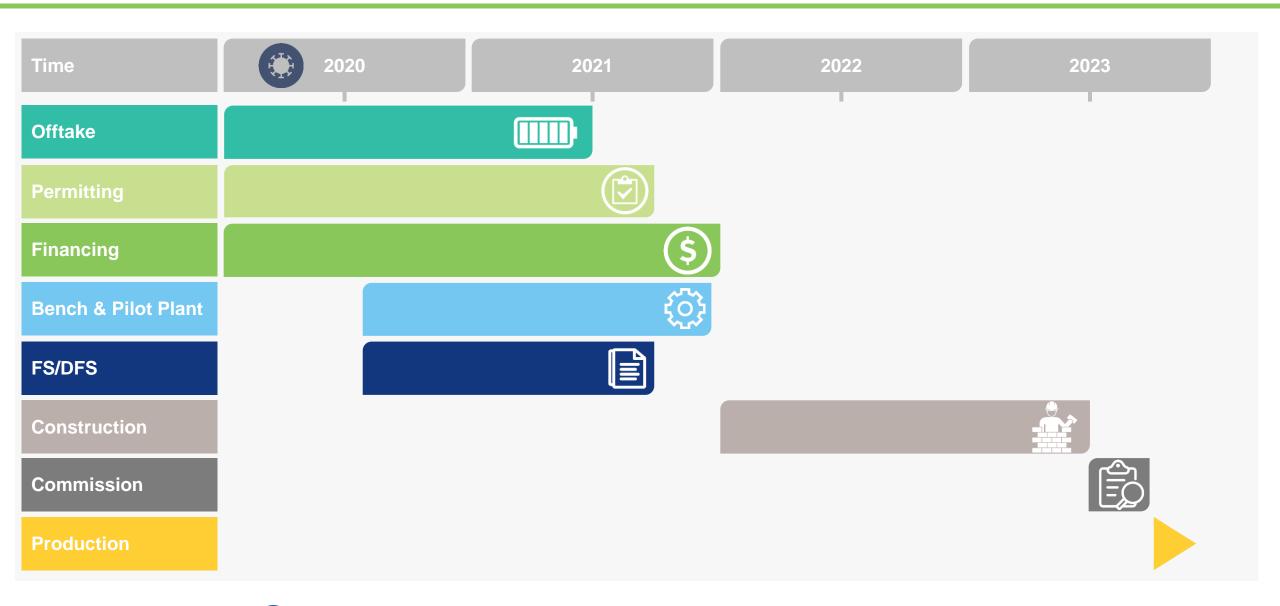


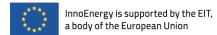




# San Jose Project Timeline









### **Board of Directors & Management**



Adrian Byass
Non-Executive Chairman



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

Jonathan Whyte Company Secretary



Chartered Accountant

• Extensive corporate, company secretarial and financial accounting experience, predominantly for listed resource companies. Previously worked in the investment banking sector.

David Valls Technical Manager - Spain

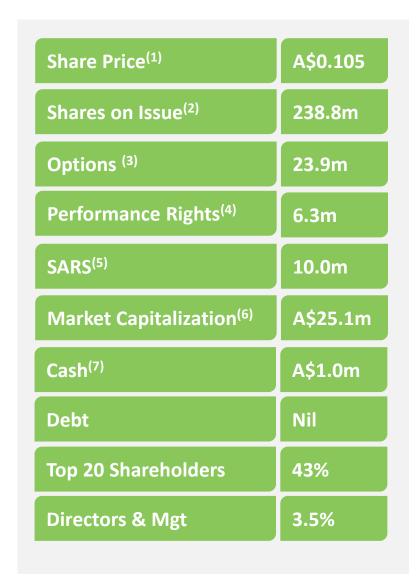


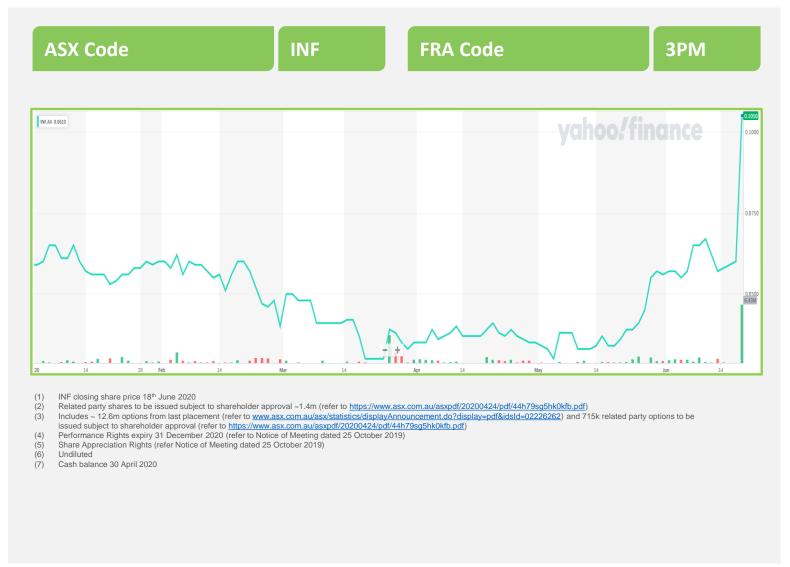
- BSc Geology
- +10 years in the mining and exploration industry in Europe and Africa as technical manager in the development of base and energy metals projects



#### **Corporate Snapshot**







# **Summary**



First Project To Sign Binding European Funding Deal with InnoEnergy



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





# INFINITY LITHIUM

Developing lithium production in Europe to power a renewable future





