The Cinovec Project

Ethically-sourced European battery metals to power Europe's sustainable future

May 2022

European Metals

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All \$ amounts in this presentation are references to United States Dollars.

COMPETENT PERSON

The Exploration information in this presentation is based on information compiled by Mr Widenbar who is a recognised geologist and consultant to European Metals. Mr. Widenbar has sufficient experience which is 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 "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Widenbar consents to the inclusion in this presentation of the matters based on his information in the form and the context in which it appears

EUROPEAN METALS HOLDINGS



POWERING SUSTAINABLE EUROPEAN E-MOBILITY

Integrated mine & lithium processing plant

Largest hard rock lithium resource in Europe

Compelling Economics:

- \$1.938B post-tax NPV₈, 36.3% post-tax IRR, \$5,567/t opex
- 29,386 t.p.a of lithium hydroxide

Strong Partners:

- CEZ dominant utility in Czech Republic
- EIT InnoEnergy Official European Union body

Fully funded to Final Investment Decision

Secure, sustainable EU supply for EV/Battery gigafactories

Strong ESG credentials

Keith Coughlan Executive Chairman (Australia)

Richard Pavlik Executive Director (Czech Republic)

Kiran Morzaria Non-Executive Director (UK)

Lincoln Bloomfield Non-Executive Director (USA)

David Koch Company Secretary and CFO (Australia)

Simon Edwards Corporate Development & COO of GEOMET (UK)

Grant Harman Metallurgical Consultant (Australia)

Peter Huljich Corporate Finance (Australia)

Michael Atkins Corporate Consultant (Australia)

Walter Mädel Operations Manager (Czech Republic)

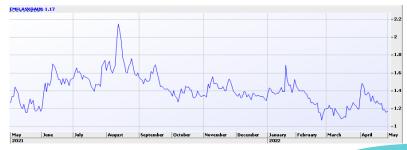
Vojtech Sesulka Consulting Geologist (Czech Republic)

12 Month stock performance

Market Cap: 235 million (AUD) May 2022

Cash at Bank: AUD 19.9 million Shares outstanding: 186 million

ASX & LON: EMH, OTCQX: ERPNF, ADS:EMHXY



EU AUTO REGULATIONS SUPPORT SIGNIFICANT EV UPTAKE





EU spends big on climate change

€1 Trillion to be spent on European Green Deal by 2030

Just Transition Fund

€40 billion fund to transition fossil fuels to green energy

EU self sufficiency

Targeting 80% lithium self sufficiency by 2025

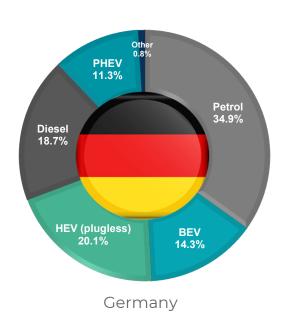
EU CO2 targets tighten

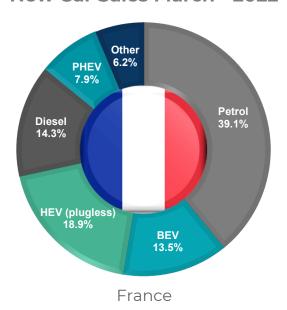
€billions potential fines for non-compliant automakers

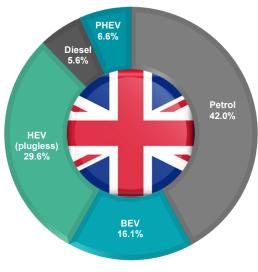


EUROPEAN EV SALES BOOMING

New Car Sales March - 2022







United Kingdom

EUROPEAN EV SALES ARE THE FUTURE



86.1% full battery electrics

5.8% plugin hybrids

Only 2.8% Petrol-only combustion

Norway



92%

Record EV Market Share

CO2 emissions taxes came into effect

January 2022

CO2 emitting car costs to rise by

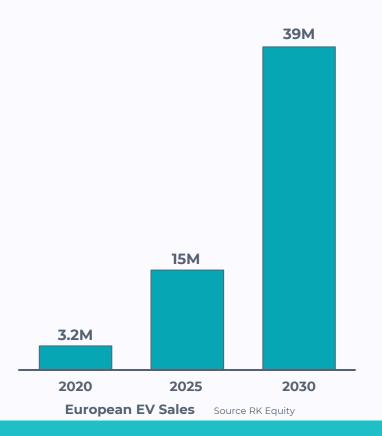
5% - 10%

EUROPE DRIVING EXPONENTIAL GLOBAL EV SALES GROWTH



Tesla Berlin
Largest battery
gigafactory in the world
(Oct 2021 Completed)



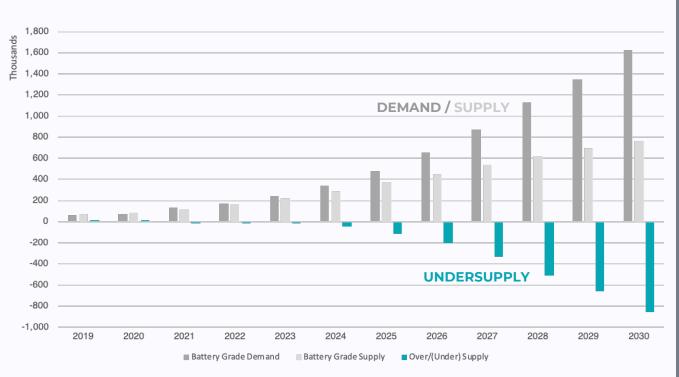


VW goal 22 million EVs in 10 years



BATTERY GRADE HYDROXIDE UNDERSUPPLY





LITHIUM

"The irreplaceable element for the electric era" VW

HYDROXIDE

For high energy, long range batteries

CHINA RELIANCE

83% global hydroxide production

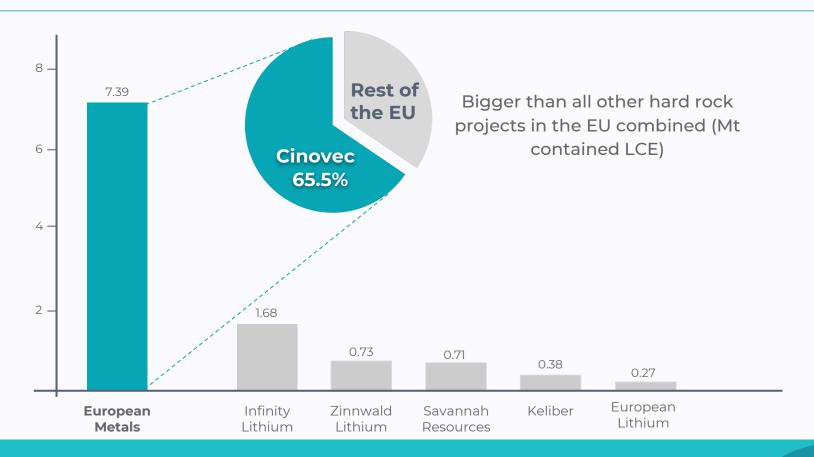
EUROPE

80% self sufficiency target by 2025

Source: RK Equity

CINOVEC - LARGEST HARD ROCK PROJECT IN EU



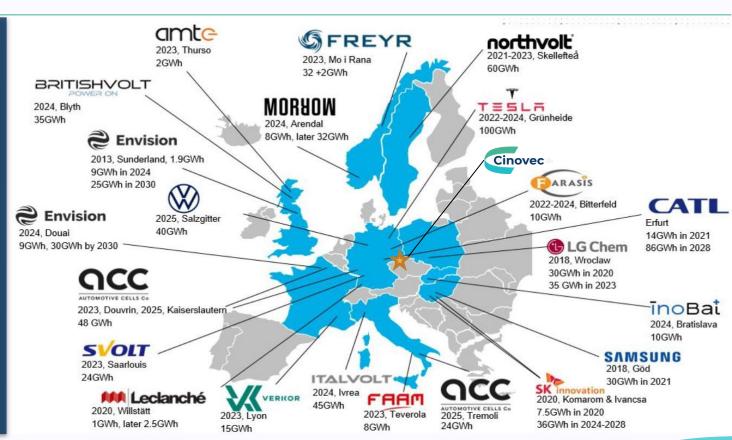


PROXIMITY TO END USERS



Localized
hydroxide
close to key
cathode,
battery & auto
makers.

Critical for EU's 80% supply security target



THE CZECH REPUBLIC







) In heart of Europe

Over 90% of its exports are to European countries with 32% to Germany alone



Business friendly

Stable political and economic environment. Member of the European Union and low corporate income tax rate of 19%



World Class Infrastructure

Road and rail services available. Communication network and power facilities in place

HIGH QUALITY INFRASTRUCTURE





Fast low cost transportation of lithium concentrate to chemical plant





Adjacent to road and rail lines connecting Cinovec to European customers



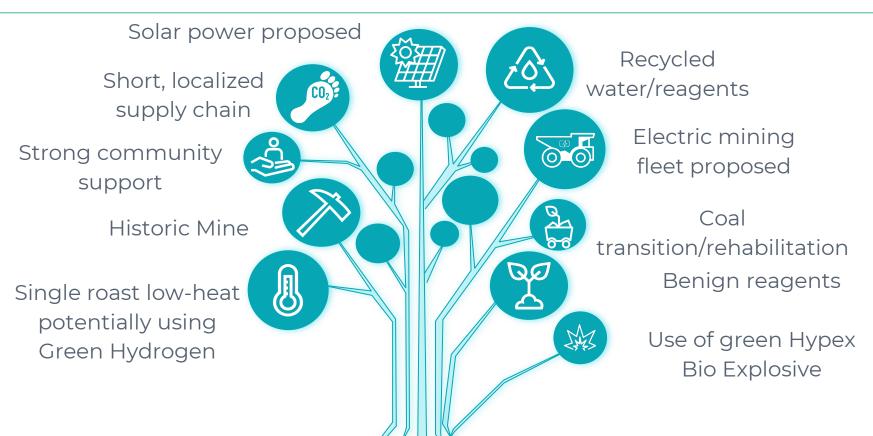


Solar power/Green energy close by mine and processing site along with established water supply



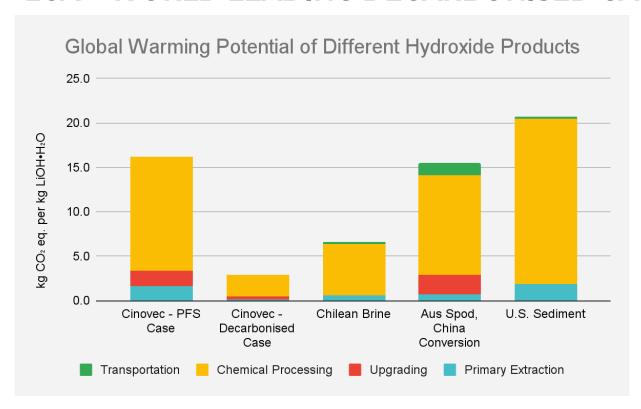
POSITIVE ESG PROFILE







LCA - WORLD LEADING DECARBONISED CASE



- Use of Solar
 Power/Green
 Energy
- Electric Mining
 Fleet
- Hypex Bio Explosive
- Use of Green Hydrogen

STRATEGIC PARTNERSHIPS





- Czech national power company Mkt Cap EUR17B
- Strong community and government relationships
- Invested EUR 29m at project level
- Heading consortium to build Li ion battery factory in Czech
- Significant investment in green energy solutions for Cinovec

- European Institute of Innovation & Technology
 - The EIT is a body of the European Union



- Principal facilitator and organiser of European Battery Alliance
- Support provided for offtake, construction, finance and ultimate commercialisation of Cinovec
- Aim to secure raw materials and technological development for European battery industry

PFS HIGHLIGHTS



Annual production	29,386 tpa battery grade LiOH.H ₂ O				
Total JORC resource	7.39 Mt LCE 0.64 Mt LCE measured 3.88 Mt LCE indicated 2.87 Mt LCE inferred				
Construction Capital costs	\$643.8 million \$6,727/t LiOH.H ₂ O				
Operating costs (without credits)					
Operating costs (with credits)	\$5,567/t LiOH.H ₂ O				
Lithium hydroxide price assumption	\$17,000/t battery grade LiOH.H ₂ O				

¹ The PFS Update for the production target and forecast financial information was released on 19 January 2022

The Company confirms that all material assumptions underpinning the production target and forecast financial information continue to apply and have not materially changed.

\$1.938Billion

NPV

(8%, after tax)

36.3%

IRR

(after tax)

25 years Life Of Mine

(based on only 13.1% of Measured and Indicated resource and 7.7% of total resource)

² The annual production is stated as 100% lithium hydroxide monohydrate

³ The JORC Resource was updated 13 October 2021

CATALYSTS TO DRIVE SHAREHOLDER WEALTH



Key	/ Accomplishments							
	Appointment of lead engineer							
	Partnership agreement with EU body							
	Strategic partnership with CEZ – project fully funded to FID							
S	Completion of PFS demonstrating strong economics and low cost of production for underground mining							
	Production of battery grade lithium hydroxide							
	Completed locked-cycle tests – SMS has verified production of LiOH from Mica							
Y	Completed drilling for resources and reserves update							
	Update resource model to include Measured Resources for upgrade of Probable Reserves to Proven Reserves.							
In progress								
	Progress strategic partner/offtake discussions – in active discussions with leading global (batteries/autos).							
	Progress EIAs and permitting for mining and processing.							
	Complete Flowsheet optimisation testwork in FECAB and LCP							
	DFS and Front-End Engineering Design (FEED)							
	FEED programme to produce marketing samples.							

BOARD & MANAGEMENT TEAM



KEITH COUGHLAN

(AUS)

MANAGING DIRECTOR

30 years stockbroking & funds management experience

Previously Chair of Talga Resources

Currently NED of Southern Hemisphere Mining of Calidus Resources Limited.

RICHARD PAVLIK

(C7)

EXECUTIVE DIRECTOR

Masters Mining Engineering

30 yrs Czech mining experience

Previously Chief Engineer & Head of Surveying & Geology for OKD & New World Resources

KIRAN MORZARIA

(GB)

NON EXECUTIVE DIRECTOR

CEO & Director of EMH's largest shareholder, Cadence Minerals in UK

Bachelor of Engineering & MBA Finance

Operational & Management experience in Mineral Resource Industry.

LINCOLN BLOOMFIELD

(USA)

NON EXECUTIVE DIRECTOR

Former US Ambassador & official specialising in foreign policy and international security

Former Chairman of the Stimson Center in Washington DC,

Experience working with governments, companies in the private sector, primarily involving renewable energy technology, private equity, and security issues.

DAVID KOCH

COMPANY SECRETARY/CFO

David is a Chartered Secretary and CPA with 35+years experience working in the precious metals and mining services industries.

David is a Fellow of the Governance Institute of Australia and holds a Bachelor of Business with majors in Accounting and IT, and a Graduate Diploma of Applied Corporate Governance.

SIMON EDWARDS

(UK)

CORPORATE DEVELOPMENT COO of GEOMET

Chartered Accountant (ICAEW) with Coopers & Lybrand

Corporate finance roles in leading London-based bank/brokers

Metallurgy & Science of Materials (Oxford).

GRANT HARMAN

(AUS)

METALLURGICAL CONSULTANT

Previously Manager, Lithium Chemicals, for Talison Lithium

Held roles with UGL, SNC Lavalin, CleanTeq & Ausenco.

PETER HULJICH

(AUS)

CORPORATE/FINANCE ADVISER

25 years' experience in the Investment Banking, natural resources and Legal sectors in Europe/Australia/Africa.

B Com/LLB from the University of Western Australian

Graduate of the Securities Institute of Australia (National Prizes in Applied Valuation and Financial Analysis).

WALTER MADEL

OPERATIONS MANAGER

GEOMET

Experienced minerals operations and ore processing specialist.

Walter has successfully delivered lithium ore processing plants for Altura's Pilganloora mine and Firefinch's Goulamina hard rock lithium DES

MICHAEL ATKINS

(AUS)
CORPORATE CONSULTANT

Fellow of the Australian Institute of Company Directors.

30+ years' experience as an executive manager and served on the Board of numerous publicly listed resource companies.

Current Chairman of ASX-listed Legend Mining, Castle Minerals and SRG Global Limited.

EUROPEAN METALS HOLDINGS









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Executive Chairman

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PROJECT SUMMARY

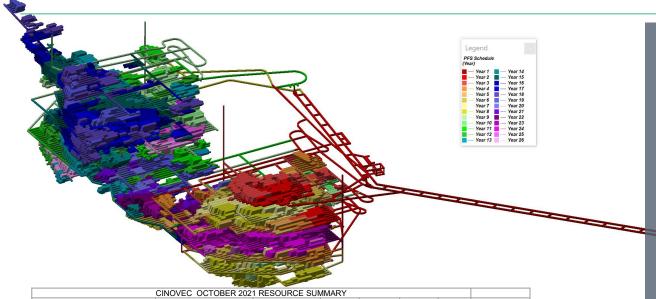


- Large 2.25mtpa underground mining operation with paste backfill.
- Underground crushing and conveyor to surface milling.
- Slurry pipeline to beneficiation plant.
- Wet magnetic separation of lithium concentrate.
- Locked Cycle Test verfies production of lithium hydroxide or carbonate from Mica via gypsum & sodium sulphate roast, water leach, purification and product precipitation / crystallization route.
- By-product gravity recovery of tin and tungsten.
- Potash and sodium sulphate by-products from lithium plant.
- Potential for recovery of a pure silica product (glass/ceramics).
- 56% Tailings used for backfill remainder used to rehabilitate adjacent abandoned coal pits.



UNDERGROUND MINE





CINOVEC OCTOBER 2021 RESOURCE SUMMARY								
	Cut-off	Tonnes	Li	Li ₂ O	Sn	w	LCE	
	%	(Millions)	%	%	%	%	MT	
MEASURED	0.1 % Li (0.22% Li ₂ O)	53.3	0.22	0.48	0.08	0.02	0.64	
INDICATED	0.1 % Li (0.22% Li ₂ O)	360.2	0.20	0.44	0.05	0.02	3.88	
MEASURED+INDICATED	0.1 % Li (0.22% Li ₂ O)	413.4	0.21	0.44	0.05	0.02	4.51	
INFERRED (approx.)	0.1 % Li (0.22% Li ₂ O)	294.7	0.18	0.39	0.05	0.02	2.87	
TOTAL	0.1 % Li (0.22% Li ₂ O)	708.2	0.20	0.42	0.05	0.02	7.39	

Historic underground mine for high-grade tin/tungsten veins, closed in 1993.

Over 89,000m historic diamond drilling, 21.5km historic drive development.

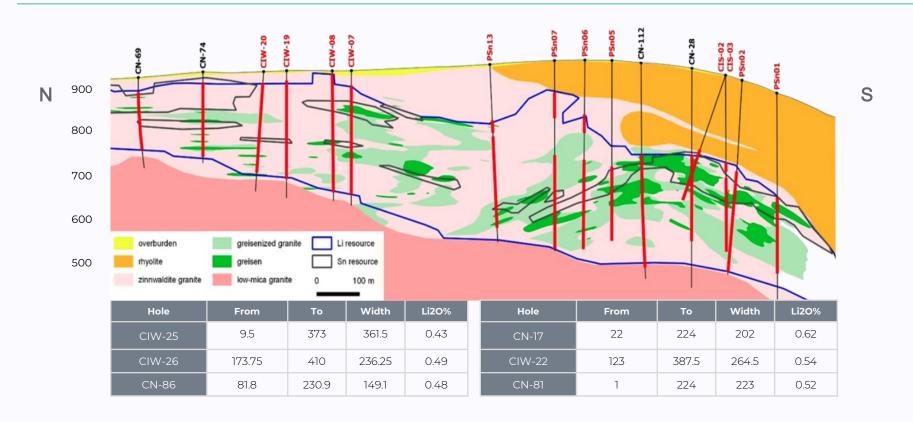
EMH confirmation drilling 20,756m, further geotech drilling in progress.

The upper portion of a granite cupola has been mineralized.

Lithium is hosted in lithium mica (zinnwaldite) disseminated in massive granite.

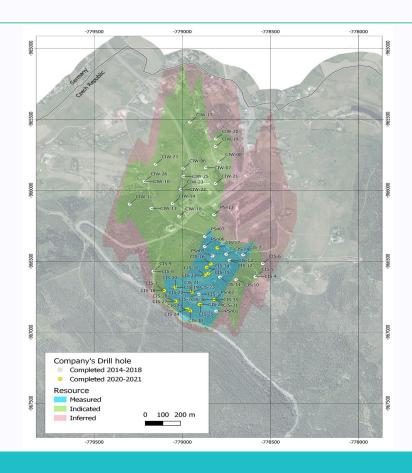
CINOVEC - LONG SECTION





CINOVEC – Resource Aerial View





PROCESS FLOWSHEET



