

## Corporate Presentation



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**EUROBATTERY MINERALS:** 

# Responsibly mined battery minerals - from Europe for Europe



"There can be no growth and sustainability of the mining industry without human rights."

Deprose Muchena,
 Director for East and Southern African at Amnesty International.

### GUIDING PRINCIPLES FOR OUR BUSINESS

Electric vehicles and sustainable energy solutions need battery minerals.

Our vision is to make Europe self-sufficient in responsibly mined battery minerals.

Our focus is to realize numerous nickelcobalt-copper projects in Europe to supply critical raw materials and, as such, power a cleaner world.



Our Business Model: Mineral Projects

Eurobattery Minerals realizes numerous nickel-cobalt-copper projects, each at different stages of the process illustrated here.



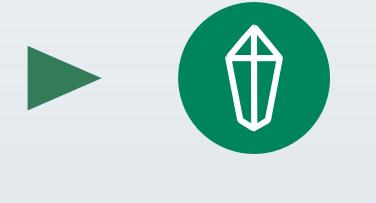


### **EXPLORATION**

- Reconnaissance drilling.
- Geochemistry.
- Geophysics.
- Mapping.

### FEASIBILITY STUDY

- Detailed technical study.
- Detailed economic study.



### **RESOURCE DEFINITION**

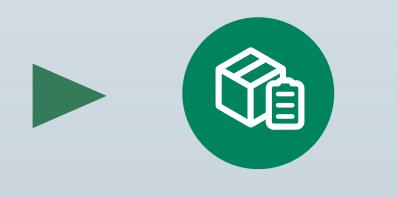
- Infill drilling.
- Step-out drilling.

### **SCOPING STUDY**

- Preliminary technical study.
- Preliminary economic study.

### DEVELOPMENT

- Construction.
- Commissioning.



### PRODUCTION

Full-scale metal production and delivery.







# **Our People:** Roberto García-Martínez

- More than 25 years experience in the international mining industry Doctor of Law and Bachelor's degree in Economics and Industrial Psychology
- President and CEO of major mining groups in Africa (2006–2018)

### CURRENT

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- Board Member Northgold AB, Sweden, (Listed Co.- Nasdaq First North)
- Board Member Northern Aspect Resources Oy, Finland
- Board Member Fennia Gold Oy, Finland
- Board member Finncobalt Oy, Finland
- Vice President Spanish-Swedish Chamber of Commerce in Spain

### PAST

- CEO Haliburton Overseas Ltd, West Africa
- CEO 2+1 Global Projects GmbH, Germany





Roberto **García-Martínez** CEO and Member of the Board at EBM



# Our People: A strong Team



Henrik Johannesson Chairman of the board





**Roberto García-Martínez** Member of the Board



Jan Olof Arnbom Member of the Board



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**Roberto García-Martínez** CEO



Mattias Modén CFO





**Fernando Garro Novillo** Project Manager



Jonás Camblor Fernández Supervisor of Geological Research



Jacobo Vázquez García Supervisor of Logistic Works

TEAM FINLAND



Markus Ekberg Chairman and Co-owner of Finncobalt Oy



Ilari Kinnunen CEO



Hannu Makkonen Chief of Geological Research



**Kalle Penttilä** Project Geologist

# Vision: Make Europe selfsufficient in responsibly mined battery minerals

### How we make a difference:

- For Eurobattery Minerals, responsibility means conducting operations while taking into account environmental considerations and social responsibility for employees and people who live and work near mining sites.
- Stringent regulations for mining and environmental laws in EU enable the vehicle industry to increase transparency and traceability in the production process.
- Several different collaborative projects are underway in Europe to further reduce the industry's climate impact in line with the UN Sustainable Development Goals.
- EBM helps Europe to become self-sufficient in responsibly mined battery minerals.
- We collaborate with academia in research projects to develop new and more sustainable methods for extracting rare earth metals.



# EU Supports Electric Revolution

EU sustainability focus drives local production and sourcing of raw materials.

EU set the goal of achieving climate neutrality by 2050. In order to achieve EU's goal to be climate neutral by 2050, it is vital that Europe takes the global lead in sustainable battery production.

It is geopolitically important to focus on raw material sourcing from within the EU.

- Production of electric cars and plug-in hybrids in Europe is increasing.
- Only 2% of the batteries needed in the EU are produced within the region.





SECTION I

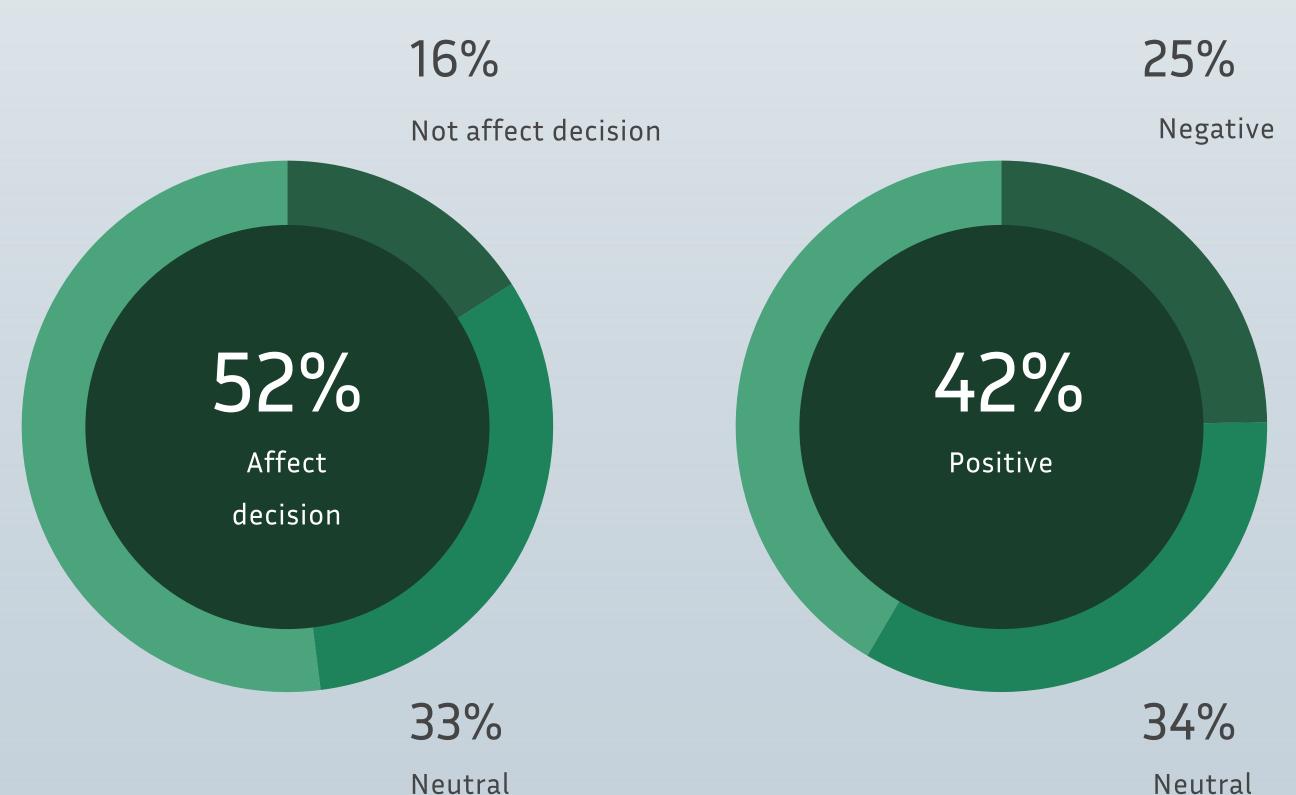
SECTION II

The Company Why invest Investment Case



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52% of consumers say they **would** refrain from buying a car if they knew the battery minerals were sourced in an unsustainable way.

42% state that they were **willing to pay** more for a car if the battery minerals were sourced more sustainably.



Neutral



# Consumers Want More Sustainable Products

Source: Electrical cars and sustainability, a survey conducted in 2022 by YouGov on behalf of Eurobattery Minerals





# The World of Battery Minerals Mining Today

### 14%

Peru produces around 14% of the world's mined copper.

### 28%

Chile produces around 28% of the world's mined copper. DRC mines 71% of the world's production of cobalt.



### 73%

China mines 73% of the world's Rare Earth Elements.

### 17%

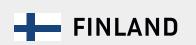
Phlippines mine 17% of the world's mined nickel.

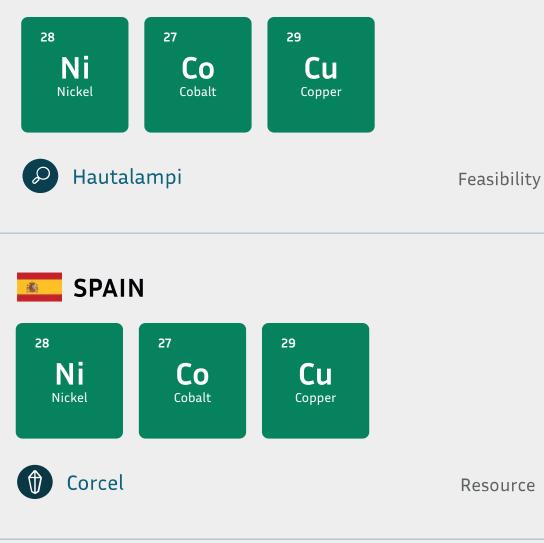
### 71%

### 34%

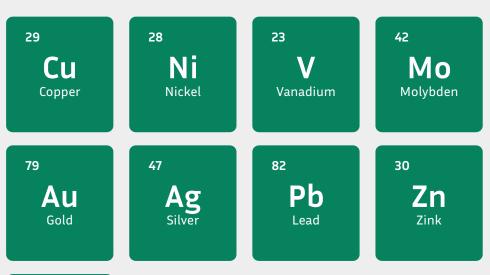
Indonesia mines 34% of the world's mined nickel.







### **SWEDEN**

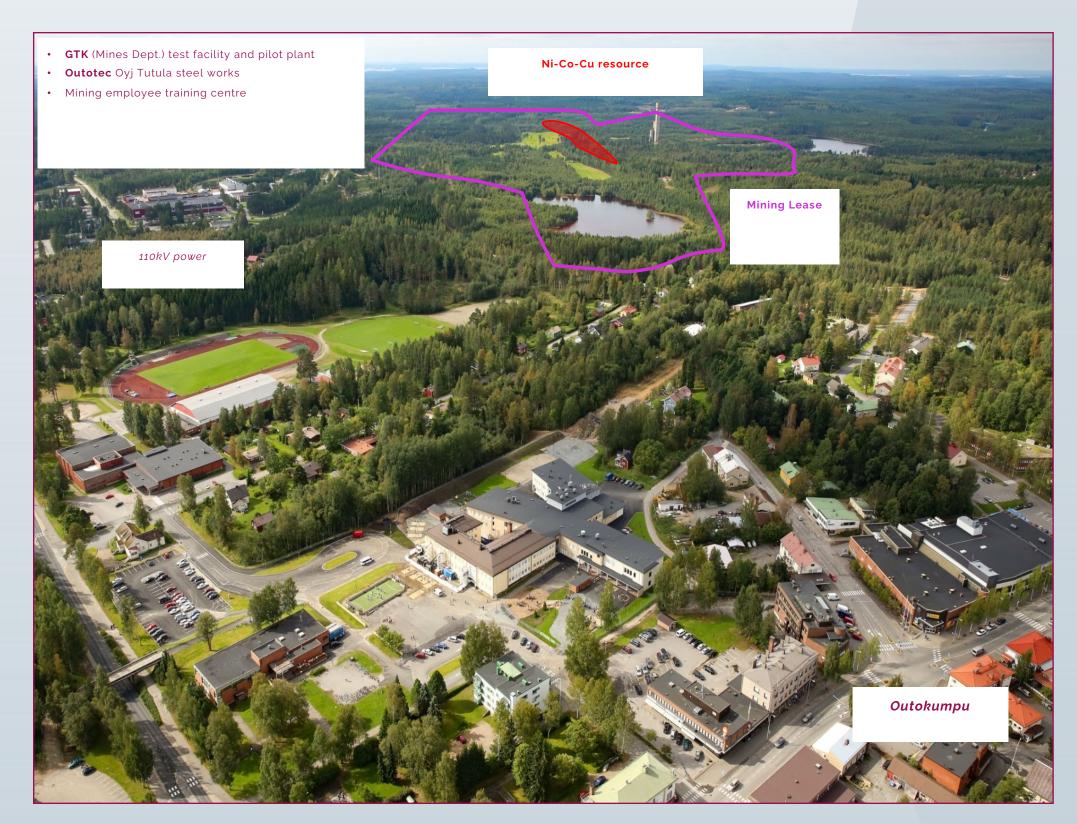


### REE Nickel

Ormbäcken, Västerbotten	Exploratio
Fetsjön, Västerbotten	Exploratio
Bruksberget, Västernorrland	Exploration
Sörtjärn, Västerbotten	Exploratio
Brännkammen, Västerbotten	Exploratio
Pahtavaara, Norrbotten	Exploratio
Piettarasjärvi, Norrbotten	Exploration

# Europe is our Focus





# **Our Project** in Finland (Hautalampi)



Located 345km from Helsinki in well known Outokumpu Mining camp area. Excellent location for mine development; strong local support for mining; municipality evolved from mining town into industrial centre.

Ideally positioned for the burgeoning EV battery manufacturing market in northern Europe

Strong technical aspects to processing with commercial grades of Cu, Ni and Co concentrates being produced:

Expansion of operations in Hautalampi area: Hautalampi and Mökkivaara resources are connected. This connection will make future mining operations at Hautalampi more efficient and economical.

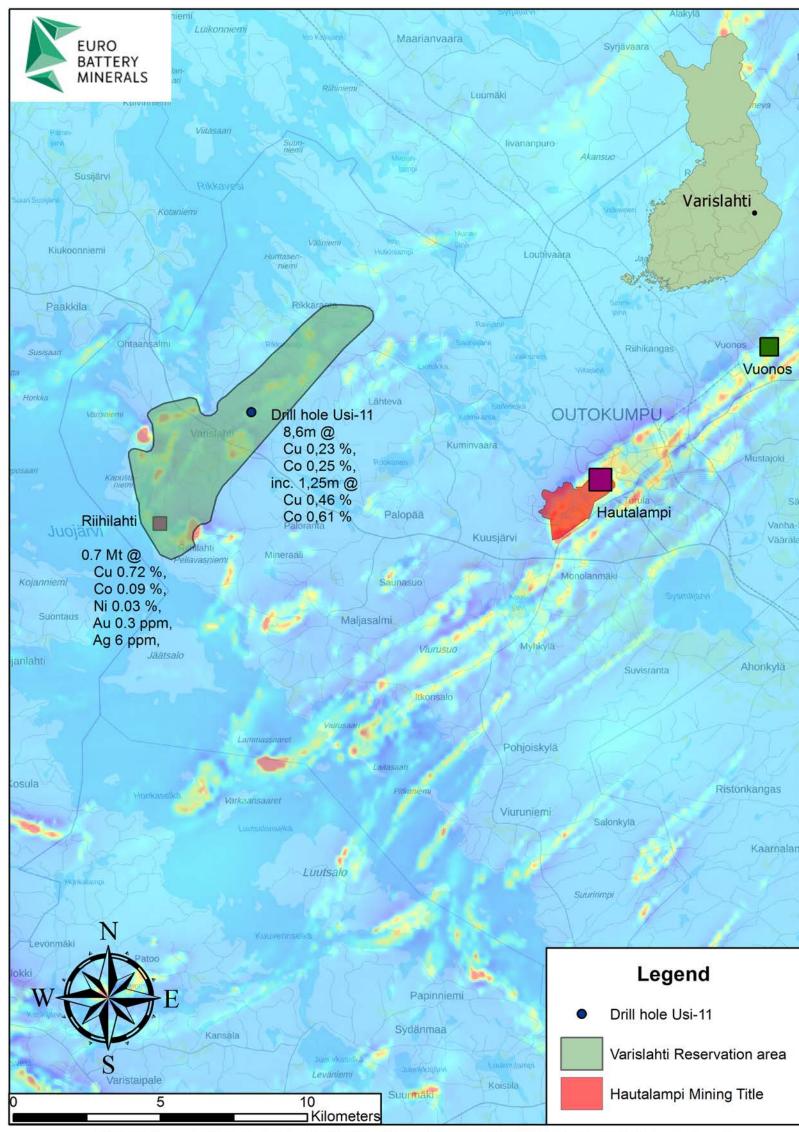
The JORC-compliant estimate by AFRY Finland Oy concludes that compared to previous analysis, the available mineral resources have almost doubled with about 40% more metals.

Environmental and Water discharge permit for the underground mine already granted; permit is valid and in force, allowing mining operations to commence immediately.

The requirements for processing the final application for an environmental permit is on going. Work on completing the environmental impact assessment and preparing the final application for an environmental permit will now begin simultaneously.

# Hautalampi Mining

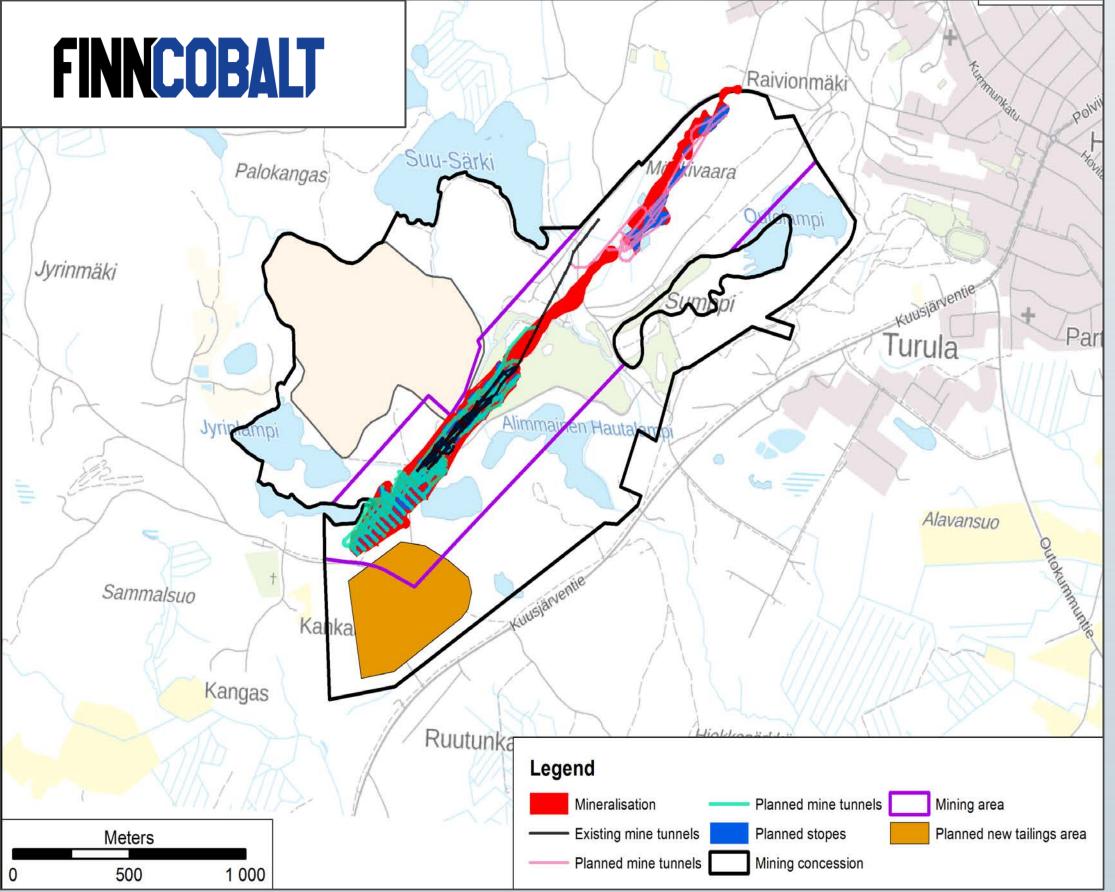
- Mining Concession Granted in 2013; total area 284 hectares
- Drilling, operational studies & underground mine development already completed on the project (€+18M), allowing fast-track of final feasibility study and near-term production
- Mature brownfield area with a long history of mining
- Over 550 drill holes completed on Project area for more than 85,000m of drilling
- Ore body delineated over 1,000m in strike, up to 150m wide and 30m thick
- In total, 2.1km of underground development completed, including 850m decline and 1,250m of underground development, reaching the mineralisation face
- Extensive metallurgical studies completed including pilot plant studies
- Strong technical aspects to processing with commercial grades of Ni-Co and Cu concentrates being produced



Varislahti reservation area close to the Hautalampi deposit. Background map is airborne magnetic.



# Hautalampi resources and planned underground mine



### Hautalampi Ore Reserves as of 7th March 2023

Ore Reserve		Grade			Contained Meta		
	Tonnes	Ni	Cu	Со	Ni (t)	Cu (t)	
Proven	1,871,000	0.36%	0.30%	0.09%	6,800	5,700	
Probable	2,693,000	0.25%	0.19%	0.07%	6,900	5,300	
Total	4,564,000	0.30%	0.24%	0.08%	13,700	11,000	

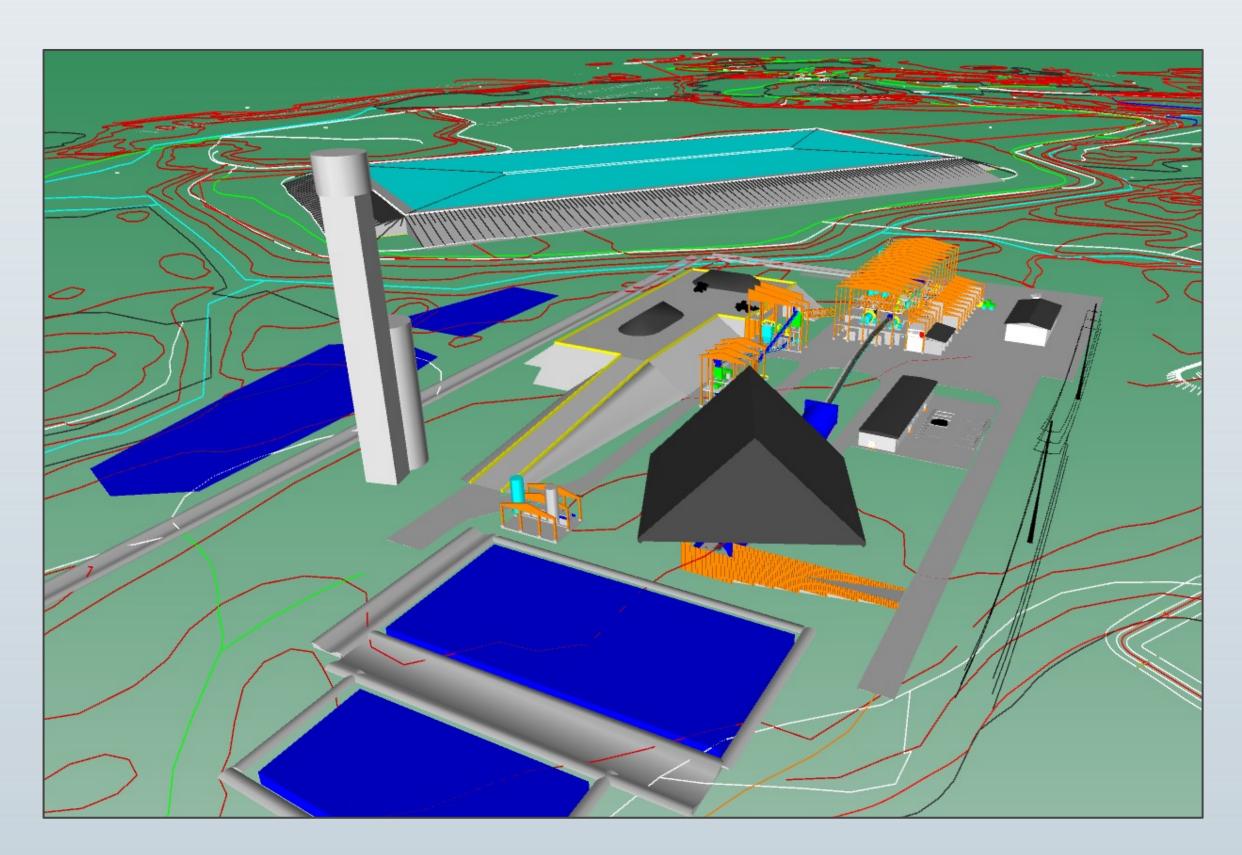
### **Additional resources**

Ore Reserve	Ore Reserve		Grade	Contained Meta			
	Tonnes	Ni	Cu	Со	Ni (t)	Cu (t)	
	4,707,000	0.22%	0.11%	0.05%	10,331	5,316	





# Processing plant, ongoing planning by AFRY Finland Oy



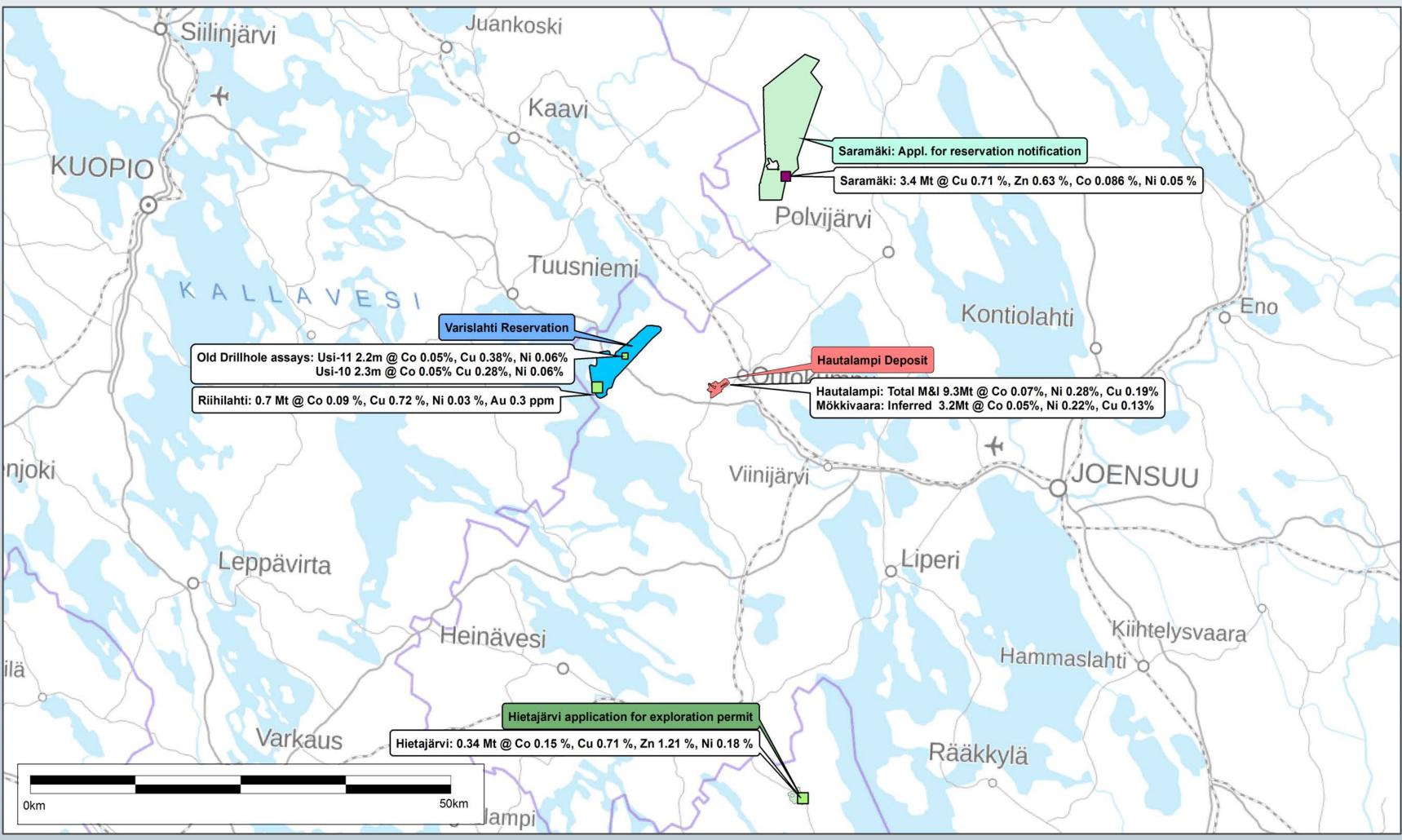
### Target operational figures – PFS as of 20th March 2023

- **450 000 480.000 tpa**
- 12+ years mine life
- EUR 65 Million total capital expenditure
- 4.6 years payback period
- EUR 420 Million total turnover for the mine
- IRR 20%
- 130+ employees
- Concentrate production
  - Ni-conc ~11400 tpa
  - Cu-conc 25% ~9600 tpa
  - Ni/Co-conc Ni 7%/Co 1,9% ~2900 tpa





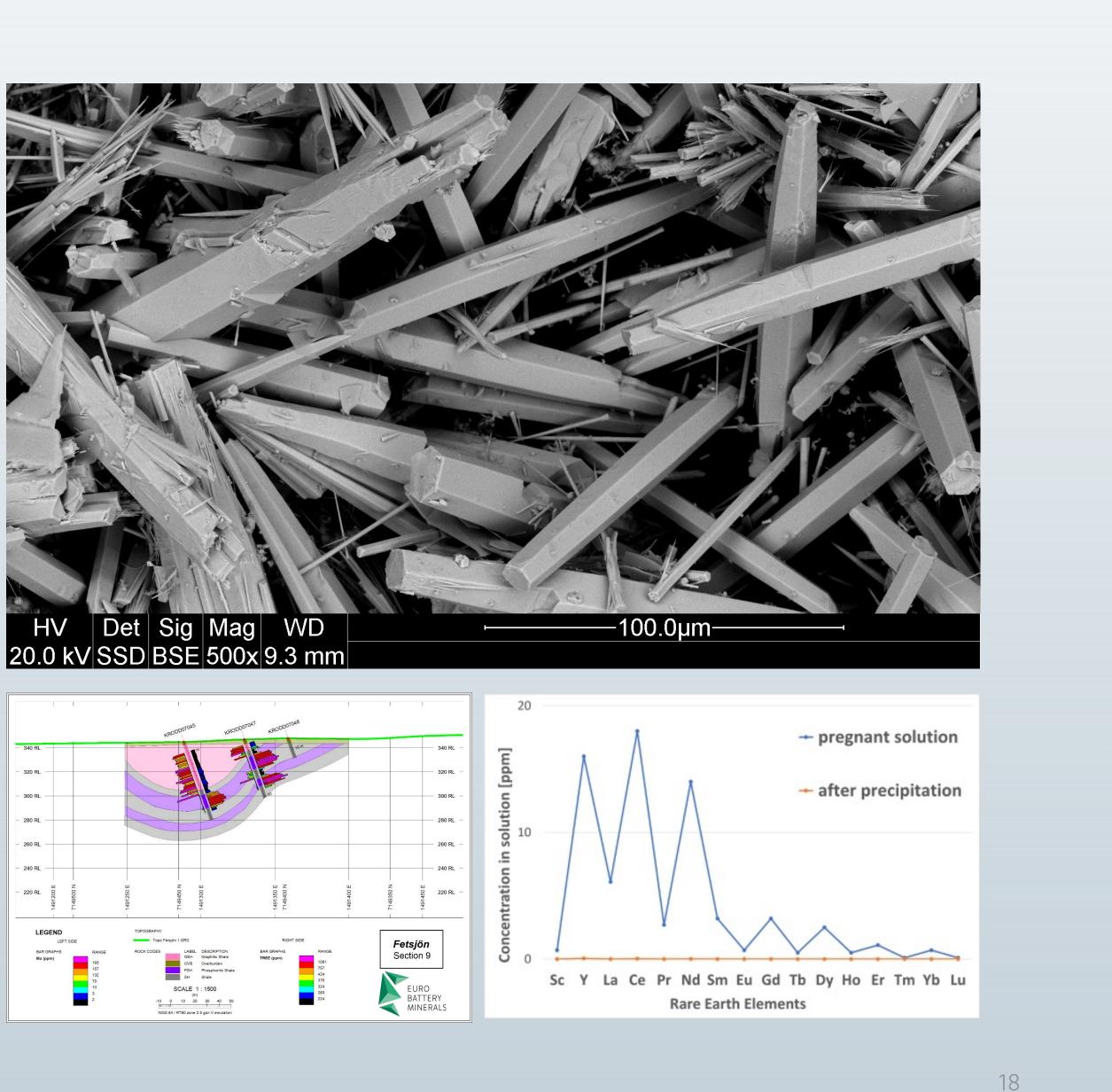
# Exploration targets for "satellite" mine operations



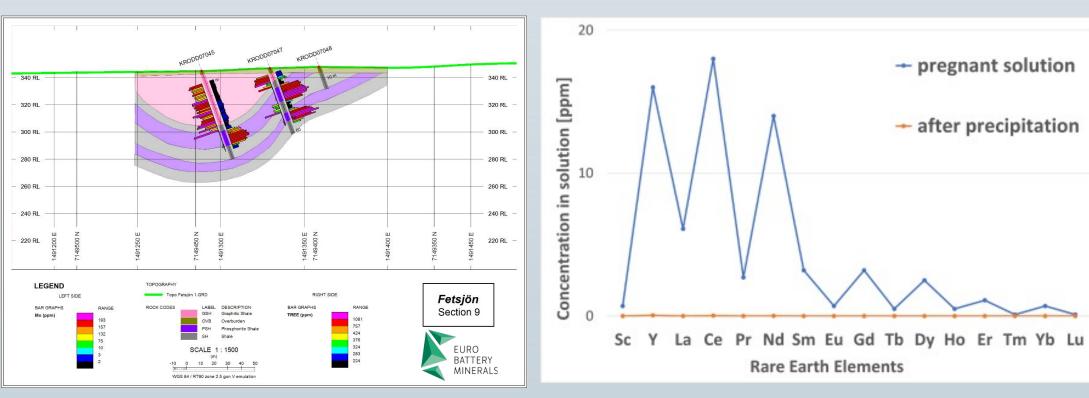


# -> Fetsjön REE

- The new ground-breaking method developed and tested allows close to 100% recovery of REEs from Fetsjön and bordering Rönnberget apatite minerals.
- Previous analysis of the complete REEbearing shale formation that covers Eurobattery Minerals Fetsjön and Rönnberget exploration targets is estimated to be 165,000 to 180,000 tons of REEs. The magnitude of the exploration target was confirmed in a NI43-101 technical report by a qualified person.
- Recovery of the REEs can be made through chemical treatment at low temperatures, thus avoiding costly and time-consuming mechanical treatment. Low-temperature treatment allows for the circular use of the chemicals.
- Next step: additional tests on detailed characterization of the REE-bearing minerals and possibly large-scale pilot plant shortly.









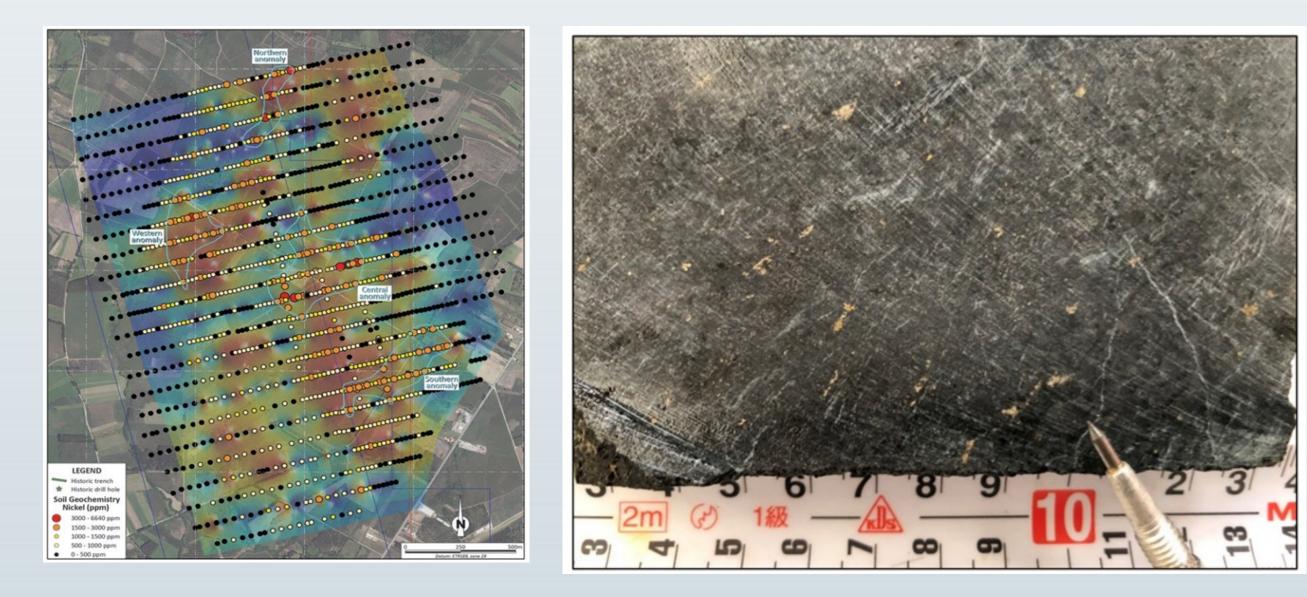


# **Our Project** in Spain (Corcel)

- Located in northwestern Spain, ~60km from La Coruna in the Mining friendly region of Galicia. The Corcel project comprises three prospecting zones in close proximity: one already active in Castriz, two planned in Monte Mayor and Monte Castello.
- The area contains 31.9 km2 of concessions granted until 2068.
- Eurobattery has a mining license for the whole area of Corcel which has an extensive deposit of elevated nickel mineralization.
- In Q2/2022 Eurobattery received the resource certification NI 43-101 and Metallurgical studies.
- In August 2022, EBM submitted the necessary documentation to the Energy & Mining Authorities to complete the Environmental Impact Statement and the Operating Permit.

# Corcel timeline 2019-2020

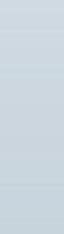
- Field work started in 2019, carrying out, geological mapping, soil sampling, groundbased magnetic and ground penetrating radar (GPR) geophysical surveys and 1,000 meters drilling campaing.
- These works showed the existence of extensive Ni-Cu-Co anomalies with higher grade values than initially expected (especially in Ni). The final results of the 2019 drilling campaingn showed that the mineralised area prospected was larger than initially expected. The drilling results increased significantly the size of the prospective resource, confirmed the grade, and demonstrated the continued existence of a potential for large tonnage resource.
- The results of the mineral test conducted by ALS GLOBAL and SGS Lakefield in Canada and ALS GLOBAL in Perth confirmed the economical grade nickel sulphide found in the Corcel Project.



Hole		From (m)	To (m)	Int (m)	Ni%	Cu%	Co%
19DD0001		0.50	12.00	11.50	0.187	0.020	0.014
		45.00	147.00	102.00	0.282	0.037	0.012
	incl.	78.00	147.00	69.00	0.301	0.038	0.011
	incl.	78.00	99.00	21.00	0.345	0.045	0.011
	and	129.00	141.00	12.00	0.480	0.077	0.013
	incl.	132.00	135.00	3.00	0.688	0.119	0.015
19DD0002		3.00	114.00	111.00	0.214	0.063	0.013
	incl.	14.50	39.00	24.50	0.304	0.117	0.014
	incl.	14.50	27.00	12.50	0.360	0.173	0.015
		159.00	174.00	15.00	0.224	0.116	0.010
		195.00	201.00	6.00	0.175	0.056	0.012
		210.00	219.00	9.00	0.166	0.041	0.010

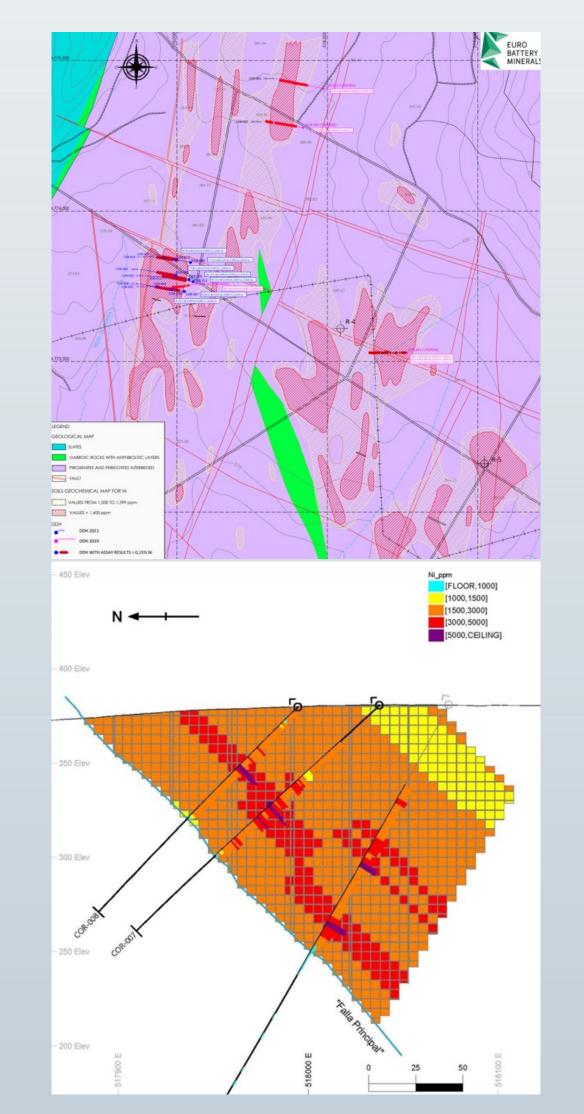






# -> Corcel timeline 2021

- During the year 2021 EUROBATTERY carried out a new drill hole campaign with the objective to define an accredited resource estimation using the NI 43-101 code.
- A total of 7 diamond drill holes have been completed, with a total drilled length of 1,134 meters. Work was focused on the "West Anomaly" where the company's previous exploration work recorded ground anomalies of up to 0.33% Ni coincident with an increase in the magnetic response of the underlying rocks.
- Drillholes carried out during 2021 have really high nickel values, with grades reaching 0.83 %, and with all all the available data an independent report was prepared in accordance with the NI 43-101 code.
- According to the tonnage-grade table for different Ni grades included in the technical report it can be said that only with the drilling campaign carried out during the year 2021, in the Corcel project, have been evaluated 5,595,580 tons with 0.23% Ni grade (Ni grade 0.16%).



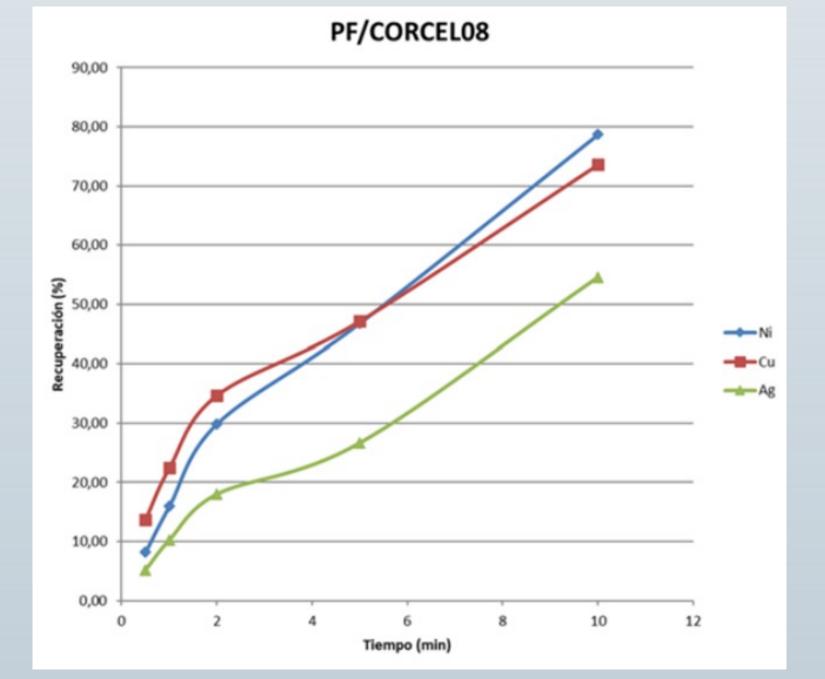
Minimum Nickel Grade	Tonnes	Ni (
0.1	6,914,560	0.2
0.11	6,805,641	0.2
0.12	6,763,658	0.2
0.13	6,620,029	0.2
0.14	6,161,278	0.2
0.15	5,818,333	0.2
0.16	5,595,580	0.2
0.17	5,395,908	0.2
0.18	5,039,080	0.2
0.19	4,484,043	0.2
0.2	3,910,056	0.2
0.21	3,263,960	0.2
0.22	2,533,633	0.2
0.23	1,929,495	0.2
0.24	1,461,663	0.3
0.25	1,170,973	0.3



# -> Corcel timeline 2022

- Metallurgical testing for Ni recovery was carried out on 3 samples (medium, low and high grade) from the drilling campaign.
- The results of the metallurgical study, carried out by AGQ LABS, confirm the economic interest of the CORCEL project, obtaining Ni recoveries above 50% in all the flotation tests carried out (>70% in the high grade sample).
- With the results of the flotation tests and the resources estimated in the NI 43-101 Technical Report, there would be 6,435 tonnes of Ni concentrate in the area evaluated to date in the CORCEL Project.
- This estimate is very conservative and may increase significantly as stated in the NI 43-101, technical report. The defined resource area is open and has great potential to define additional Ni resources. Although the results of the flotation are positive (over 70% in the high grade material), the flotation can still be optimised.

			GLOBAL CONCENTRATE	
SAMPLE	FLOTATION TEST	P80 (μm)	Ni RECOVERY (%)	Ni (mg/kg) ICP-OS
COR22MIN001	CORCEL 01	98,20	58,36	7206
CORZZIVIINOUL	CORCEL 02	80,60	52,16	11041
COR22MIN002	CORCEL 03	85,90	50,73	3111
CORZZIVIINOUZ	CORCEL 04	71,40	55,49	3651
COR22MIN003	CORCEL 05	68,20	74,10	17251
	CORCEL 06	50,10	72,57	18422



### We hold LICENSES that certify our projects and officially allow us to mine our minerals and REE.





the future.



We understood the opportunities, benefits and necessity of **RESPONSIBLY MINED BATTERY MINERALS** 

and we are mining them in Europe.



# Micro Situation and Internal Highlights



### The EU climate goal says by

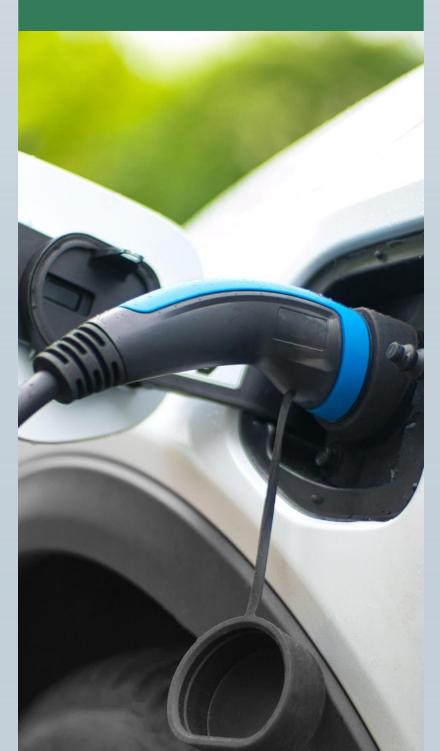
### YEAR 2050

the region will be climate neutral.

By 2030, total EV sales will reach

### 31.1 MILLION

from 2.5 million in 2020.





Battery demand will increase

### 14-FOLD

compared to 2018 by 2030.



# Macro Situation and EU Strategy





EUROPEAN RAW MATERIALS ALLIANCE





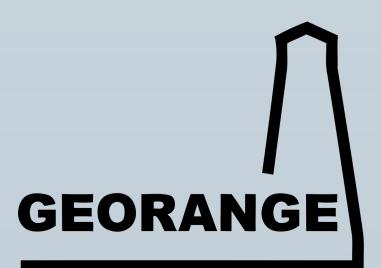
CÁMARA DE COMERCIO **HISPANO-SUECA** 



# ERMA











## Major Milestones **OF PAST BUSINESS YEARS**

# 2020

- Final results from drilling show larger prospect zone than expected in Corcel.
- Investment agreement with option to acquire the Hautalampi Ni-Co-Cu mine.
- Rights issue subscribed to 209%.
- An EU development grant is awarded the Hautalampi project.

# 2021

- Listed on Börse Stuttgart under the ticker EBM.
- Second drilling campaign commence & completed at Corcel project (1500 m).
- Second drilling campaign commence & completed at Hautalampi project (5000 m).
- Eurobattery Minerals joins global climate community Leaders for Climate Action and Finnish government research project BATTRACE.



# 2022

- Independent NI 43-101 report for the nickel-cobaltcopper prospect zone Castriz, part of Corcel project. 10% of this deposit contains nickel for 500,000 car batteries.
- Issue of a convertible bond in the amount of SEK 18 million to Formue Nord Fokus A/S, to finance the acquisition of additional shares in FinnCobalt.
- Purchase of 40% of the Finnish Hautalampi mine project from its current owner FinnCobalt.
- Submission of the environmental impact assessment (EIA) report for Haualampi Project.
- EBM appointed as new vice president of the Swedish-Spanish Chamber of Commerce for two years.



# Current Activities

# Ongoing

Hautalampi project:

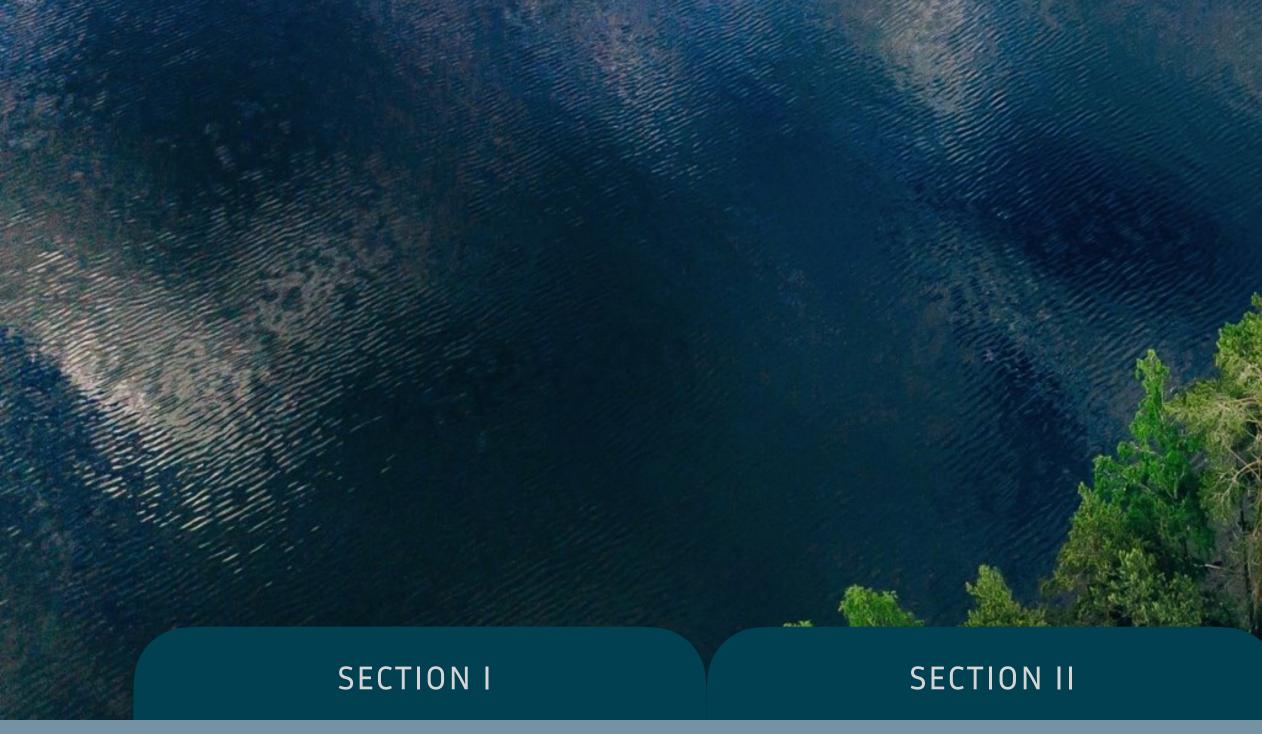
- PFS in Hautalampi recieved in Q1
- EIA report filled in Q1.
- Adquisition up to 70% shares in FinnCobalt
- New sampling in FC-licensed areas.



# 2023

Hautalampi project:

- Plan to acquire remaining 30% of the shares in FinnCobalt.
- EIA in Hautalampi conclusion Report expected.
- Plan to apply for the Environmental Permit.
- Starting basic engineering work for the plant <u>Corcel project:</u>
- Plan to do a large drill campaign to increase our resource estimation.
- Plan to receive the Exploitation license from the mining authorities. <u>General:</u>
- Exploring new potential acquisitions to increase our Company assets.



The Company Why invest Investment case

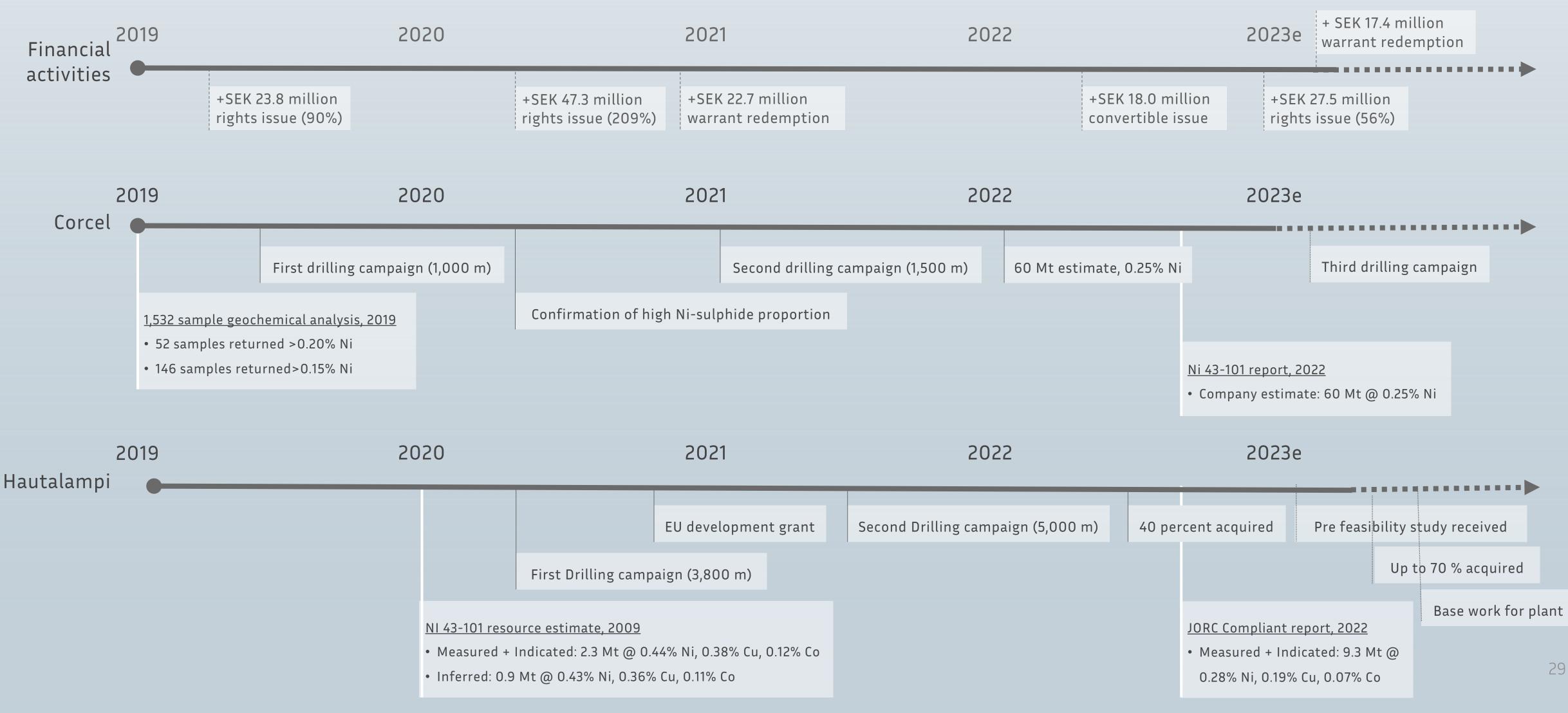
### We're here

SECTION III

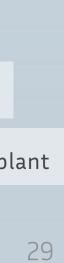
SECTION IV



# -> Flagship projects and financing







# A low strain of the second second

- Eurobattery Minerals engages in a sector with significant tailwinds due to the increasing demand for minerals in general, and battery metals in particular.
  - 9 Mt copper deficit expected by 2030.
  - EV industry forecasted to require at least 3.7 Mt copper per year in 2040.
  - USD 240 billion investments are required globally over next five years.
- The Company has a great track record in its history of exploration, where the flagship projects have increased their mineral estimates since acquired.
  - Corcel has advanced from when acquired in 2019 to an inferred estimation 60 Mt @ 0.25% Ni in 2022.
  - Hautalampi measured & indicated resource advanced from 2.3 Mt @ 0.44% Ni, 0.38% Cu, 0.12% Co in 2020 to mining reserve 4.5 Mt @ 0.30% Ni, 0.24% Cu, 0.08% Co in 2023 with additional resources 4.7 Mt @0.22% Ni, 0.11% Cu, 0.05% Co.
- The Company's operating capital is being directed towards investments which are expected to propel the flagship projects into their next mine development phases, hence ready for next-level stakeholders.
  - A third drilling campaign is to be conducted in Corcel during 2023.
  - Acquisition of remaining 30 % of shares in FinnCobalt and base work for construction of a plant in Hautalampi in 2023.
- Eurobattery Minerals has an incentivized management with a rich deal history and experience in all stages of the exploration and mine development process.











# -> The share

### Share information:

- The shares in Eurobattery Minerals are trading on Börse Stuttgart ("SWB") (ticker: EBM) since January 15, 2021. The shares are also trading on Nordic Growth Market Nordic SME ("NGM") (ticker: BAT) since April 18, 2019, and before that on Spotlight Stock Market since May 22, 2015.
  - The shares trading on SWB correspond to approximately 12 percent of Eurobattery's total share capital.
- The Company had approximately 8,500 shareholders on NGM per 30 June 2023 (excluding German shareholders represented by Clearstream Banking Germany).
- Eurobattery Minerals currently has 33,738,202 shares outstanding.



Name	Shares	Ownership
Clearstream Banking Germany	5,289,925	15.68 %
Six Sis AG	2,171,170	6.44 %
Nazgero Consulting*	1,691,459	5.01 %
Avanza Pension	1,490,679	4.42 %
UBS Switzerland	1,013,611	3.00 %
Andrew Randall	978,169	2.90 %
Nordea Bank Finland	720,598	2.14 %
Ulex Recursos S.L.	687,471	2.04 %
DH Invest	530,000	1.57 %
🔹 Kimberly Wrixon	500,000	1.48 %
Others	18,665,120	55.32 %
<u>Sum</u> as of 30. June 2023	33,738,202	100.0 %

\*Nazgero Consulting is wholly owned by Roberto García-Martínez (CEO).



# Thank you for your Attention!

### Get in touch



<u>Sign up for our newsletter</u>

