



TSXV: FIN | FRA:W28 | USOTC: EUEMF

# Corporate Presentation- Finland Lithium Project

December 2024



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## Geology



Finland has a unique geology that covers a third of the country, known as the Fennoscandian Shield. This region is rich in minerals such as lithium, cobalt, and nickel, among others.

## Political Environment



Finland is known for its stable political environment, which ensures smooth mining operations and low corruption levels, making it an attractive investment destination.

## Infrastructure



Finland provides an excellent infrastructure for mining activities. The country is well-connected to Europe and invests heavily in the transport and energy sectors, ensuring easy access materials.

## Sustainability



Finland focuses heavily on sustainability, with its Government supporting the development of green technologies and ensuring ethical and environmentally friendly mining practices.

European Energy Metals, is focused on the acquisition of assets located in the mining friendly jurisdiction of Finland. Our properties are strategically located near major mining projects including the Keliber Lithium Mine currently under construction. This mine is owned by Sibanye Stillwater (NYSE:SBSW,) and neighbors our central Finland Lithium projects.

In Northern Finland our projects are located along strike with B2Gold (NYSE:BTG), Anglo-America (OTC:AAUKF), AgnicoEagle (NYSE: AEM, and Rupert Resources (OTC: RUPRF) that are situated near our North Finland precious metals projects.

We explore for minerals crucial to the EU's goal of self-sourcing 30% of the critical metals required to fuel its energy transition which includes Lithium. Additionally, our properties leverage the appeal of the world's No. 1 safe haven asset, gold. Our technical team is led by Mr. Mike Basha, a seasoned expert with over 10 years of experience in the district—underpinning a proven track record that includes several significant discoveries.



**Jeremy Poirier**  
*CEO*

Mr. Poirier brings nearly two decades of capital markets experience in the natural resource and technology sectors. He has served in various senior officer and corporate development roles at exploration mining companies. From September 2016 through December 2019, Mr. Poirier was CEO of Bearing Lithium Corp. and was instrumental in the Company's acquisition of Li3 Energy. Prior to Bearing Lithium, Mr. Poirier held senior roles at Pure Energy Minerals Ltd. and is currently the CEO of European Energy Metals Corp.



**Joel Leonard**  
*CFO*

Joel is the owner of JCL Partners Chartered Professional Accountants and is a seasoned finance executive with a comprehensive background in the financial leadership of companies listed on various public exchanges, including the TSX, TSX-V, and CSE. Joel holds a Bachelor of Business Administration degree from Thompson Rivers University and is designated as a Chartered Professional Accountant in the Province of B.C. As he steps into his new role with the Company, he looks forward to leveraging his experience and insights to contribute to the Company's financial health and strategic objectives.



**Gino DeMichele**  
*Chairman*

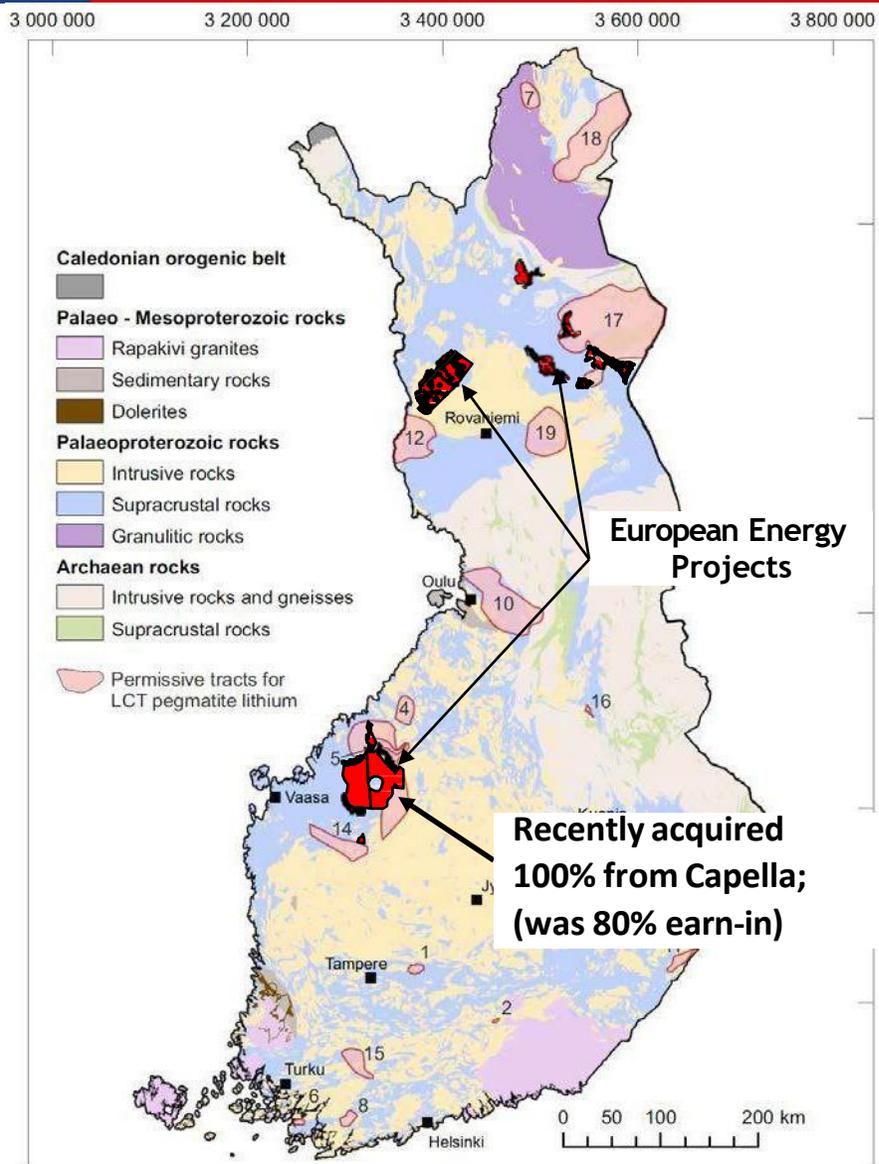
Currently President and Chief Executive Officer of A2 Capital Management Inc. Previously Vice President and Senior Investment Advisor at Various Canadian brokerage firms. Over 30+ years of finance, public and private equity, merger and acquisition expertise.



**Mike Basha**  
*VP of Exploration*

Mr Basha is a professional engineer and geologist with over 35 years experience working for major and junior exploration and mining companies in Canada, USA, Mexico, Ecuador and Finland. He has generated and worked on many grassroots to advanced exploration projects for a variety of mineral commodities. He was co-discoverer of the Hammerdown gold deposit in Newfoundland early in his career. As former VP Exploration of Cornerstone Resources Ltd, he was instrumental in helping establish them in Ecuador. Cornerstone was recently acquired by Solgold Plc for \$120 million. He is also the founder and former CEO and President of Aurion Resources Ltd, with assets in Northern Finland. While at Aurion he acquired, primarily through staking, approximately 80 km along the Sirkka Shear Zone, which forms the basis of the Aurion-B2Gold Joint Venture, and which hosts the Helmi Gold Prospect adjacent to Rupert Resources Ikkari Gold deposit. Mr Basha staked the core of Aurion's holdings in Finland and under Mr Basha's direction Aurion exploration teams made multiple discoveries including the high-grade Aamurusko, Launi and Notches gold prospects among others. He negotiated the acquisition of the Kaareselka Project from Tertiary Minerals. He also negotiated the acquisition of the Silasselka Vanadium Prospect from Dragon Mining which was sold to Strategic Minerals. He was also instrumental in bringing B2Gold and Kinross into Finland as Joint Venture partners and investors.

# Emerging Lithium Districts

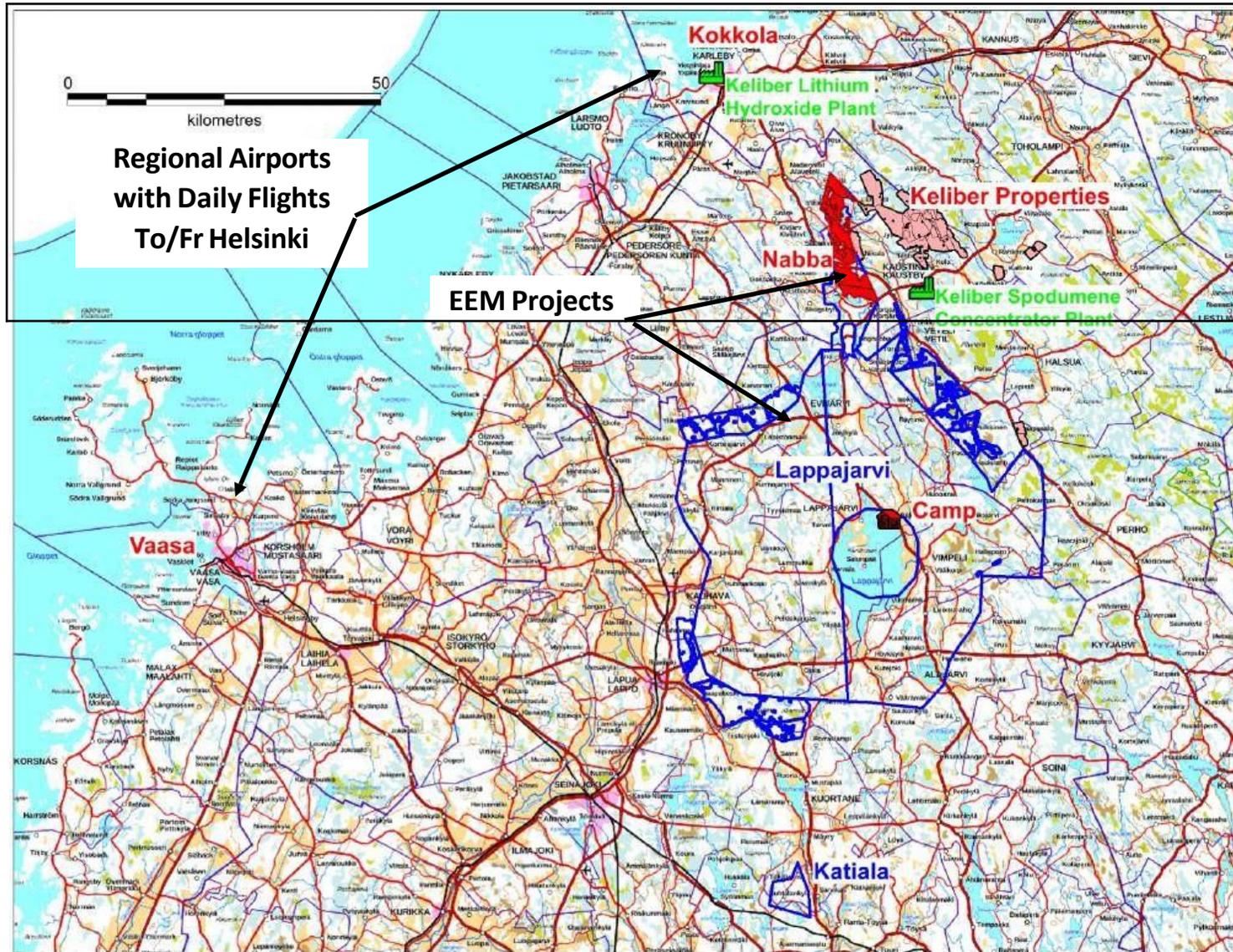


## Highlights:

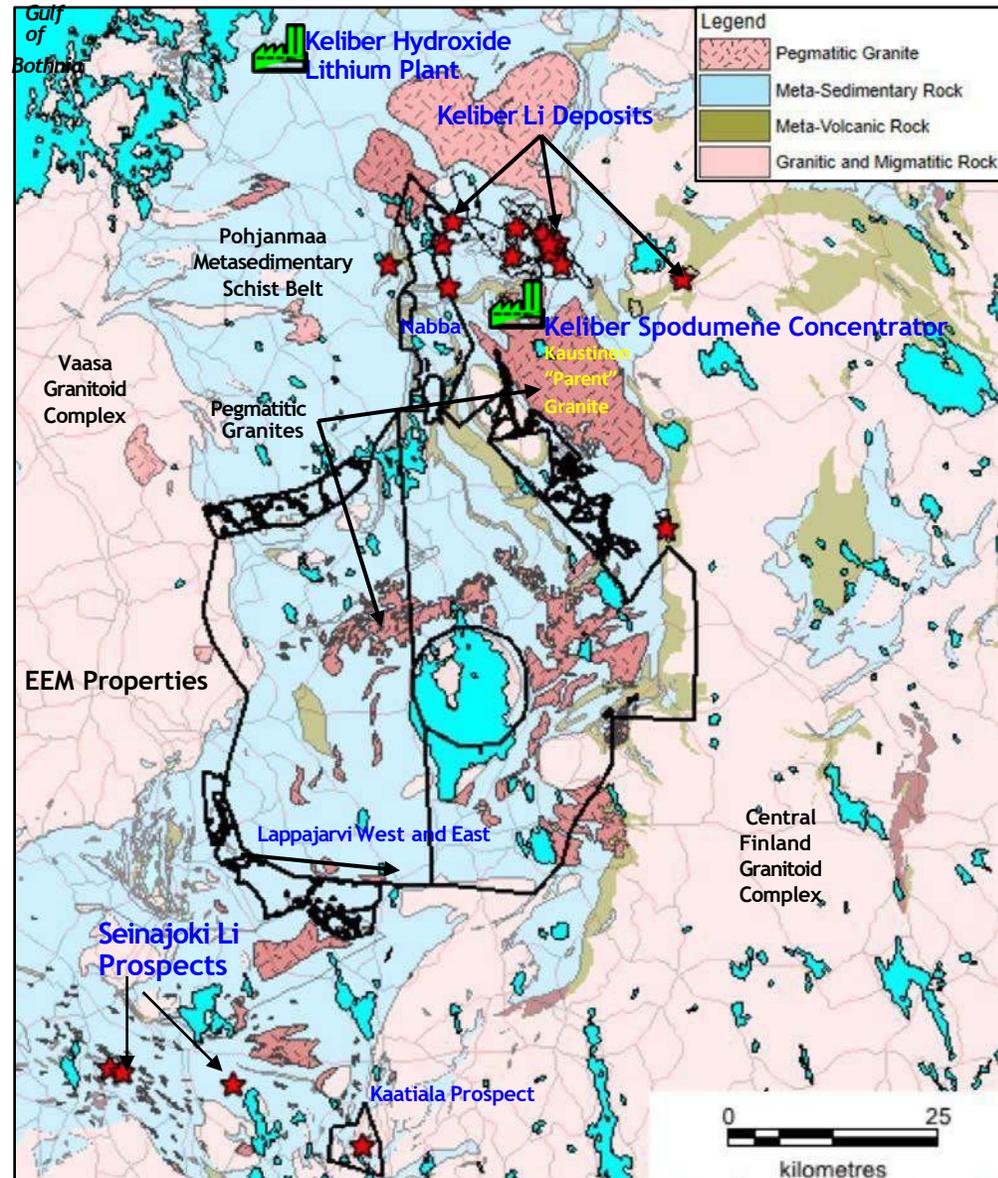
- Sibanye Stillwater (NYSE:SBSW, US\$5B MCap) has commenced construction on the €600M Keliber project and refinery, representing the development of a lithium supply chain in Finland. The Keliber project is expected to commence production in H2/2025 and produce 15,000 tonnes of battery-grade lithium hydroxide (LiOH) annually at a cash cost of €6,750 per tonne over a 16-year life.
- Keliber has already signed several off-take agreements with global customers for its battery-grade lithium hydroxide, including BASF, LG Energy, and Sichuan Yahua Industrial Group, indicating a strong demand for its product.

*(Source: Keliber Lithium Project, Finland Technical Report Summary Prepared for Sibanye Stillwater Limited by SRK Consulting (South Africa) (Pty) Ltd. dated 2023-Dec-13 with an effective date of 2022-Dec-31. Note this is the source for all subsequent disclosure on the Keliber Lithium project throughout the presentation, particularly the reserve and resource numbers on slide 9 and slide 10.)*

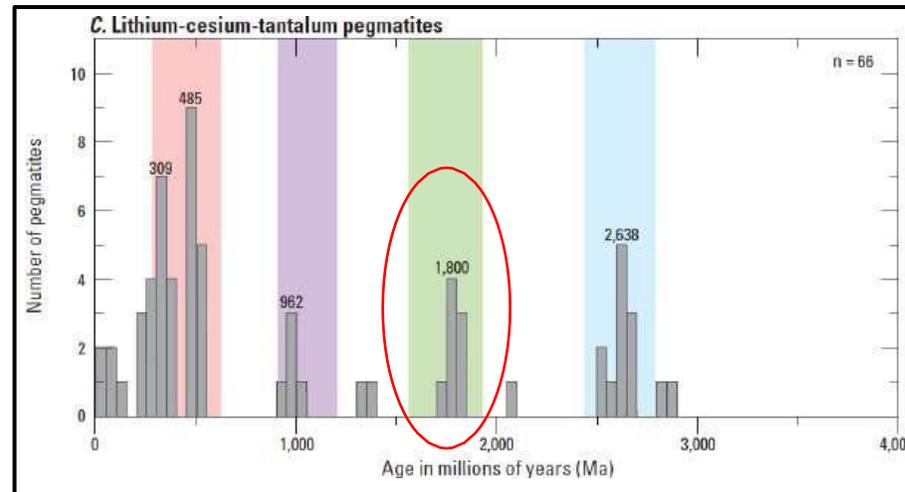
# World Class Infrastructure – Central Finland



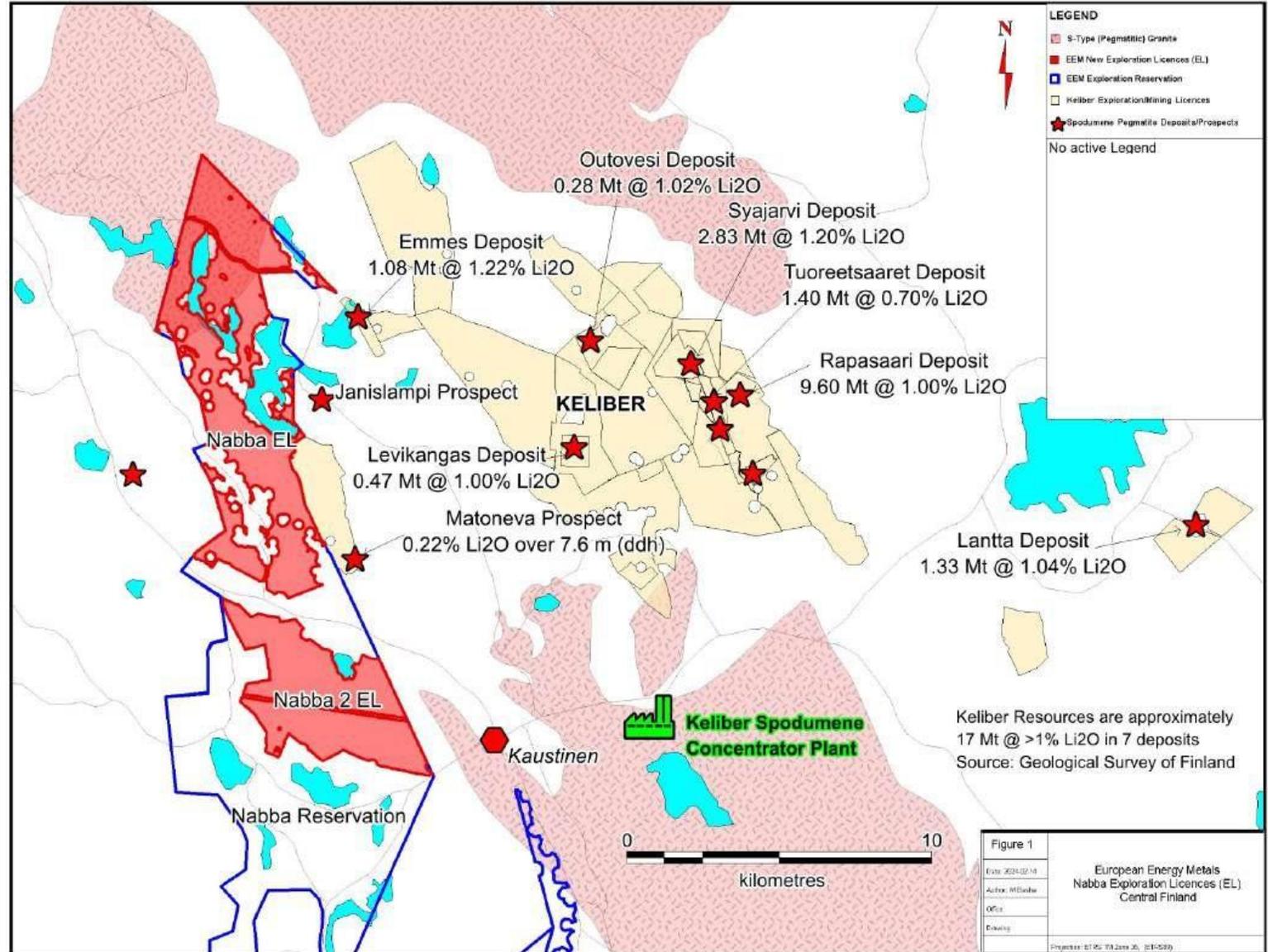
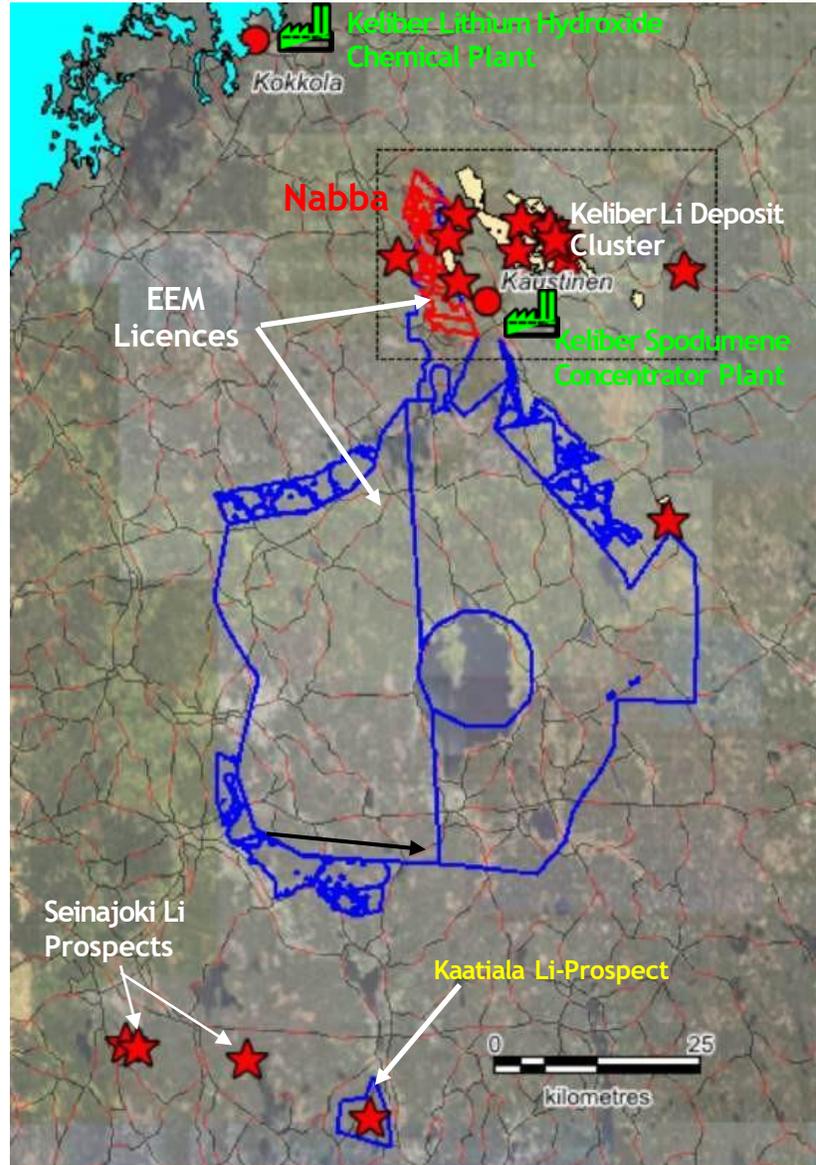
- Excellent access and infrastructure
- Two regional airports at Vaasa and Kokkola with daily flights from Helsinki or Stockholm
- 5 hour drive on two lane highway from Helsinki
- Or direct 4 hour train to the town of Kokkola



- Properties located in the Pohjanmaa Schist Belt
  - Comprised of
    - Lithium-rich, Meta-Sedimentary Rocks
    - Voluminous S-type Pegmatitic Granites
    - Widespread Pegmatites
- Properties Located adjacent to Keliber Li\_Pegmatite Deposits and Mine/Production Complex
  - Numerous Li-Pegmatite Prospects and Deposits in Region
  - **17 Mt grading >1% Li<sub>2</sub>O at Keliber**



# Infrastructure – Adjacent to Keliber Li Production Complex

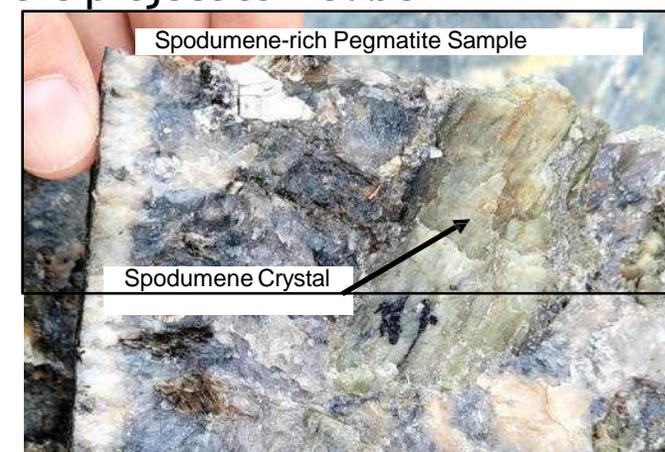
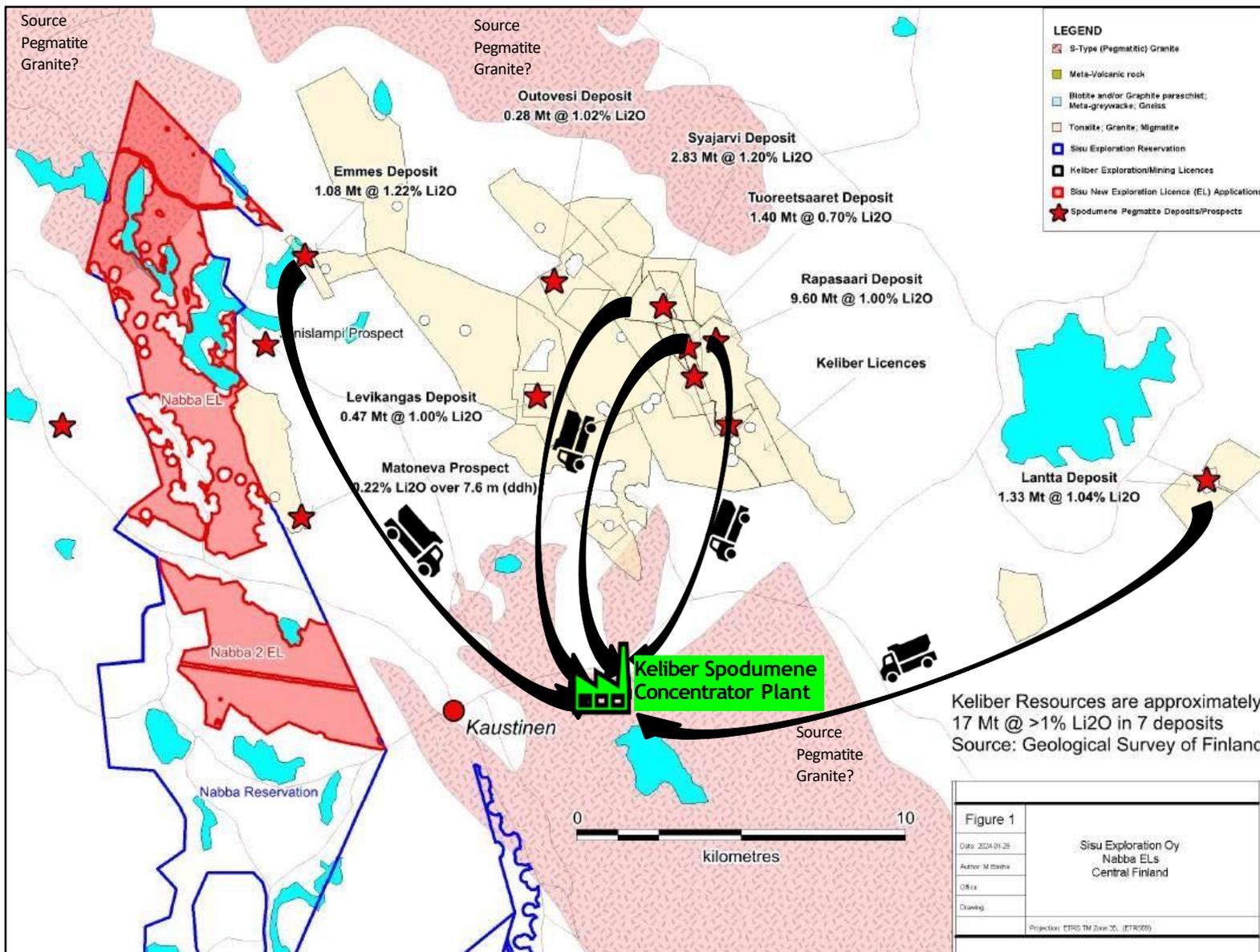


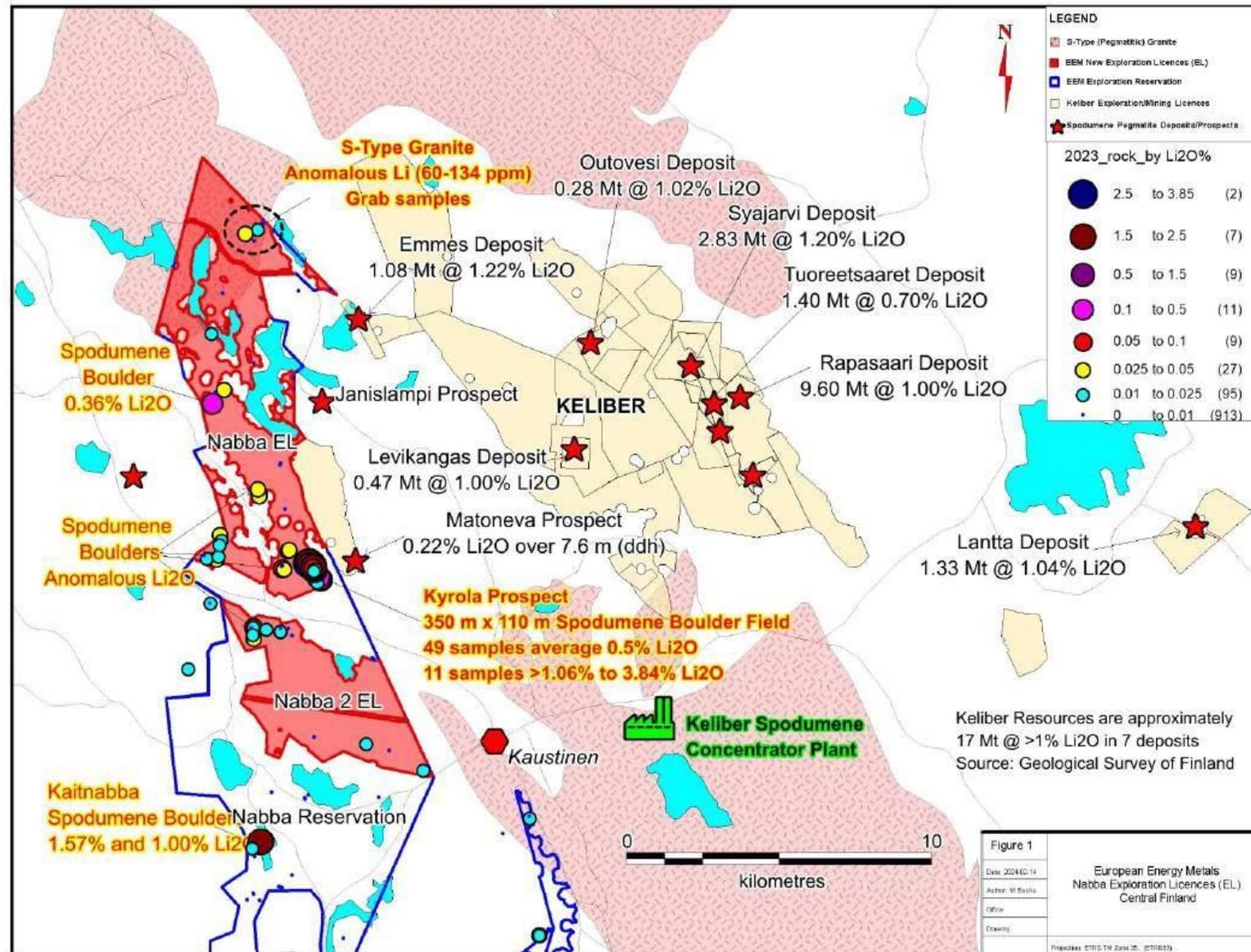
# Infrastructure - "Hub and Spoke" Setup in the Kaustinen Region



## Logistical Advantage

- Keliber intends to mine from five deposits initially and truck the ore to a central plant to concentrate the lithium-rich spodumene
- Nabba Els are < 10 km to the Keliber Spodumene Concentrator Plant
- If EEM makes an economic discovery it may be possible to ship ore to the Keliber plant for custom milling or sell the project to Keliber





## 2023 Nabba Highlights

- Several occurrences and/or clusters of Lithium-rich, spodumene-bearing pegmatite boulders discovered
- Best result is KYROLA Prospect
  - 350 long NW- SE Boulder Train
  - 49 rock samples assayed up to 3.84% Li<sub>2</sub>O
  - 15 assayed >0.5% Li<sub>2</sub>O
  - Local source boulders
  - Mineralization is identical to Keliber

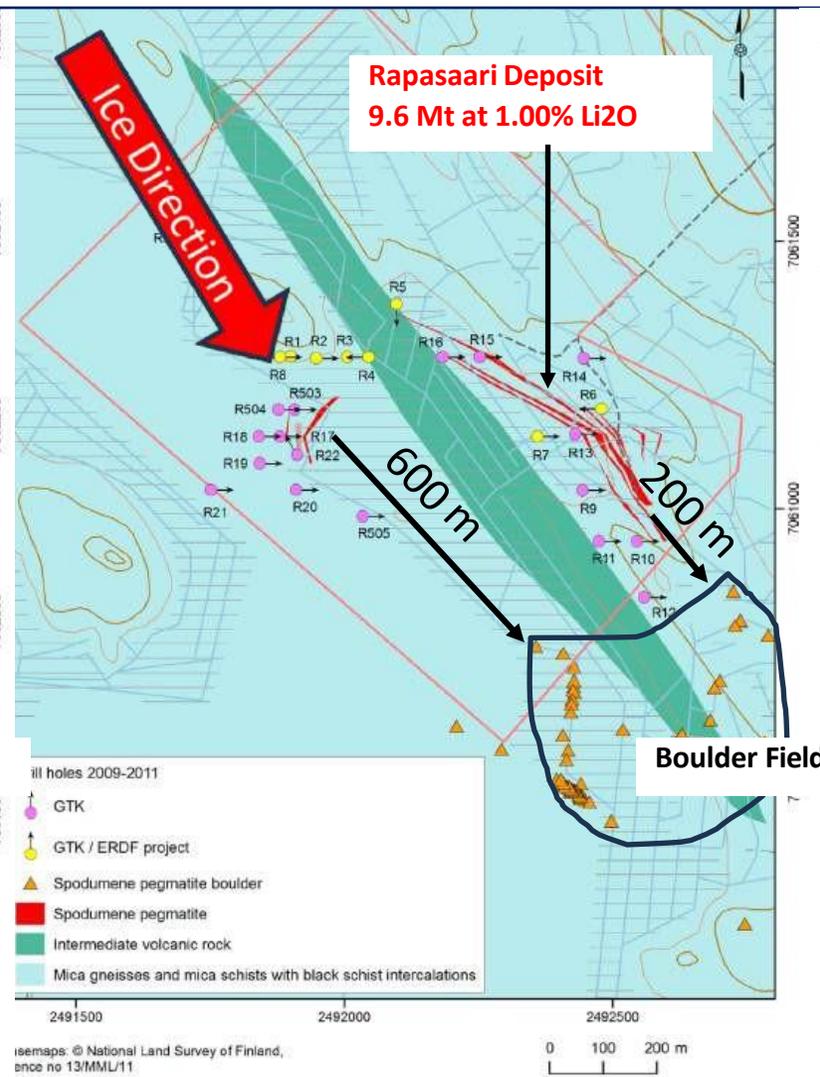
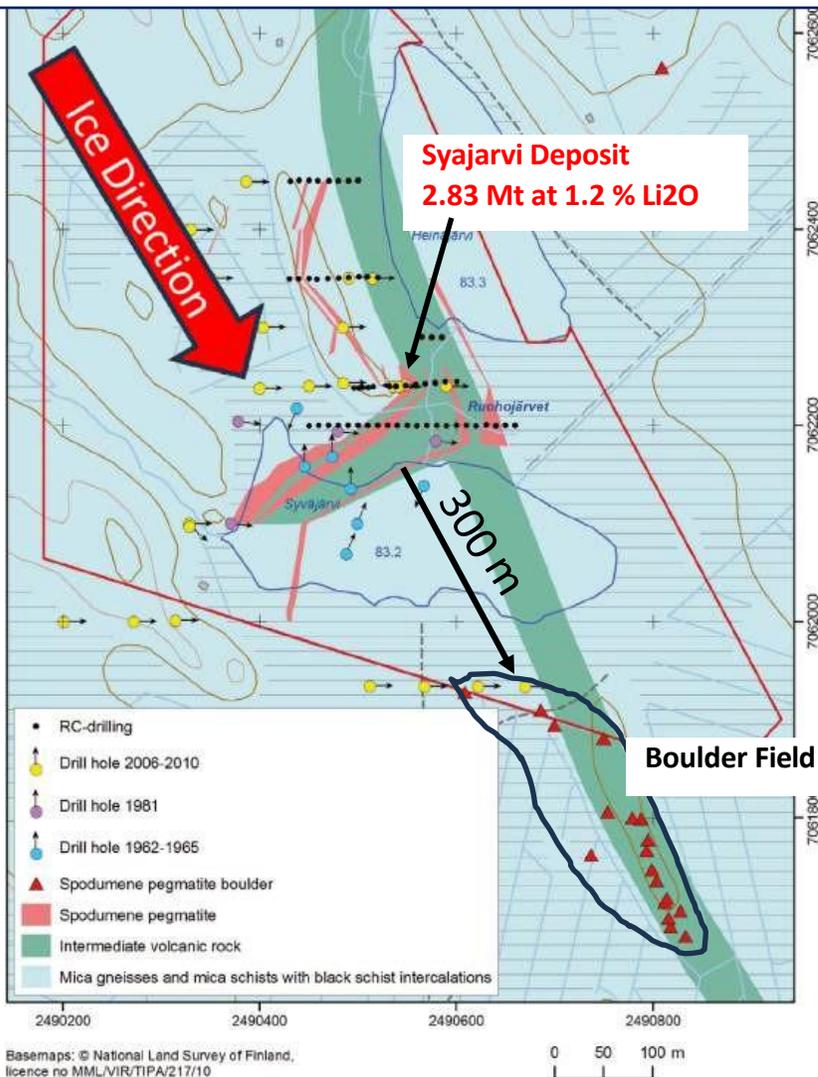
# Spodumene-Bearing Li-Rich Pegmatite Boulders



- Li Deposits/prospects in the region are mostly concealed under thin veneer of till
- Deposits have small footprints (<500 x 500 m; Individual Dykes 1-30 m wide)
- Prospecting, boulder tracing and Base of Till (BoT) sampling are effective exploration tools

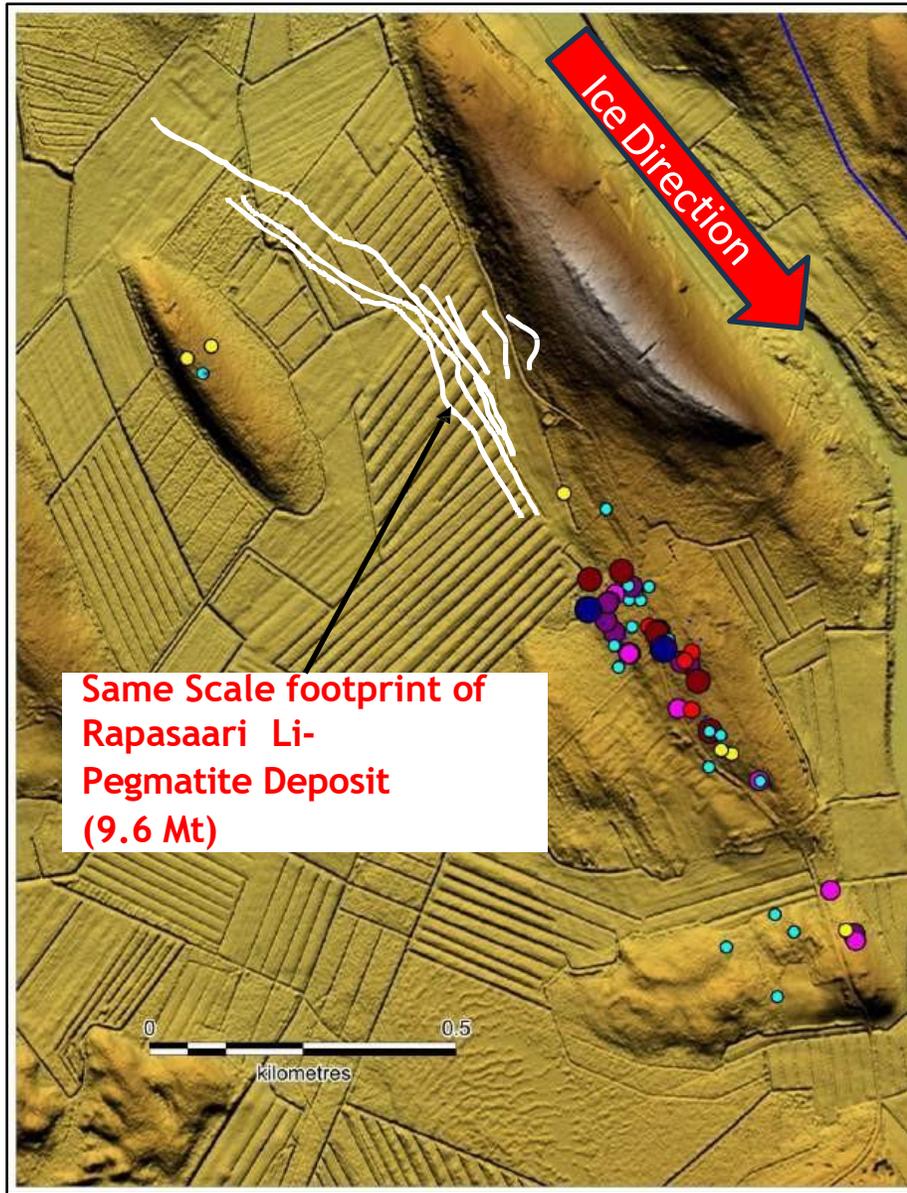
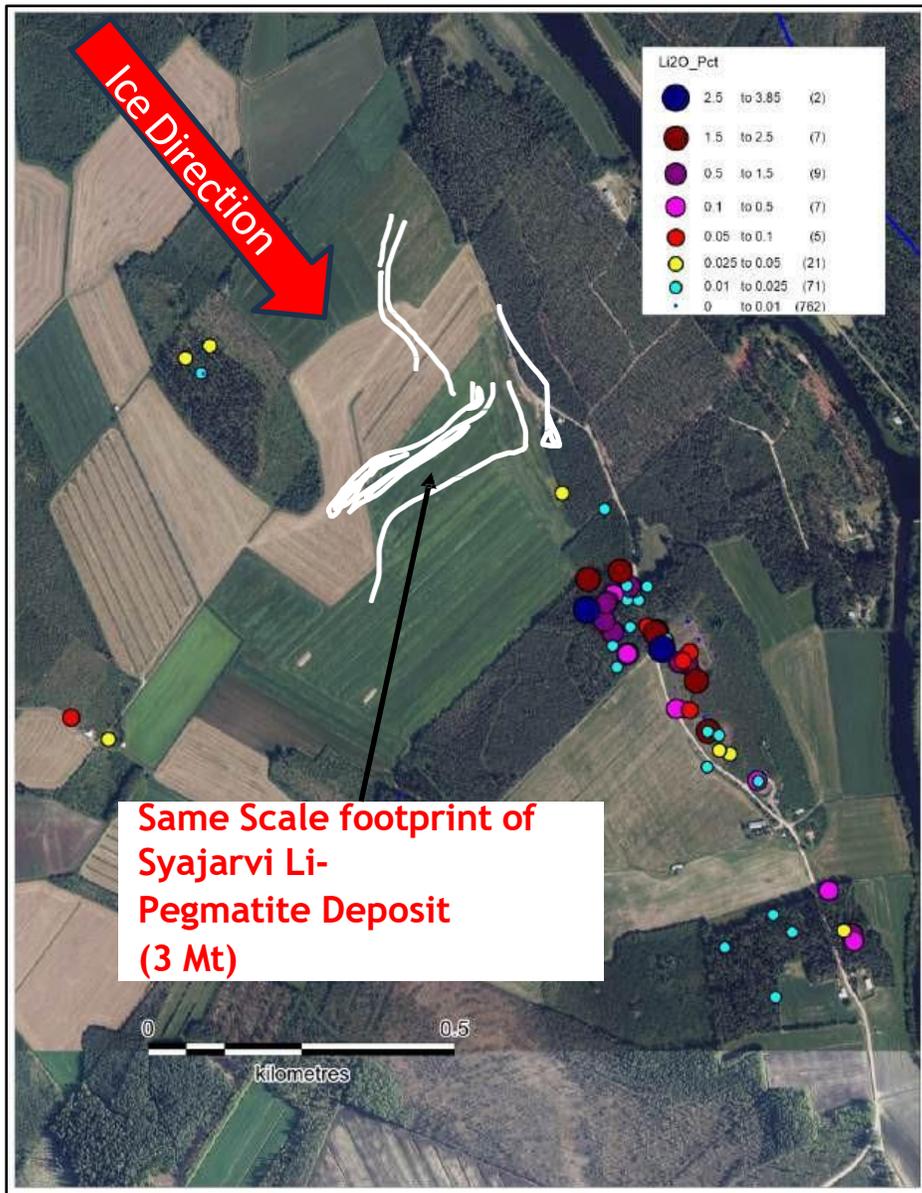
# Geology - Keliber Deposits

Boulders at Keliber Deposits are approximately 300-500 m down-ice from source



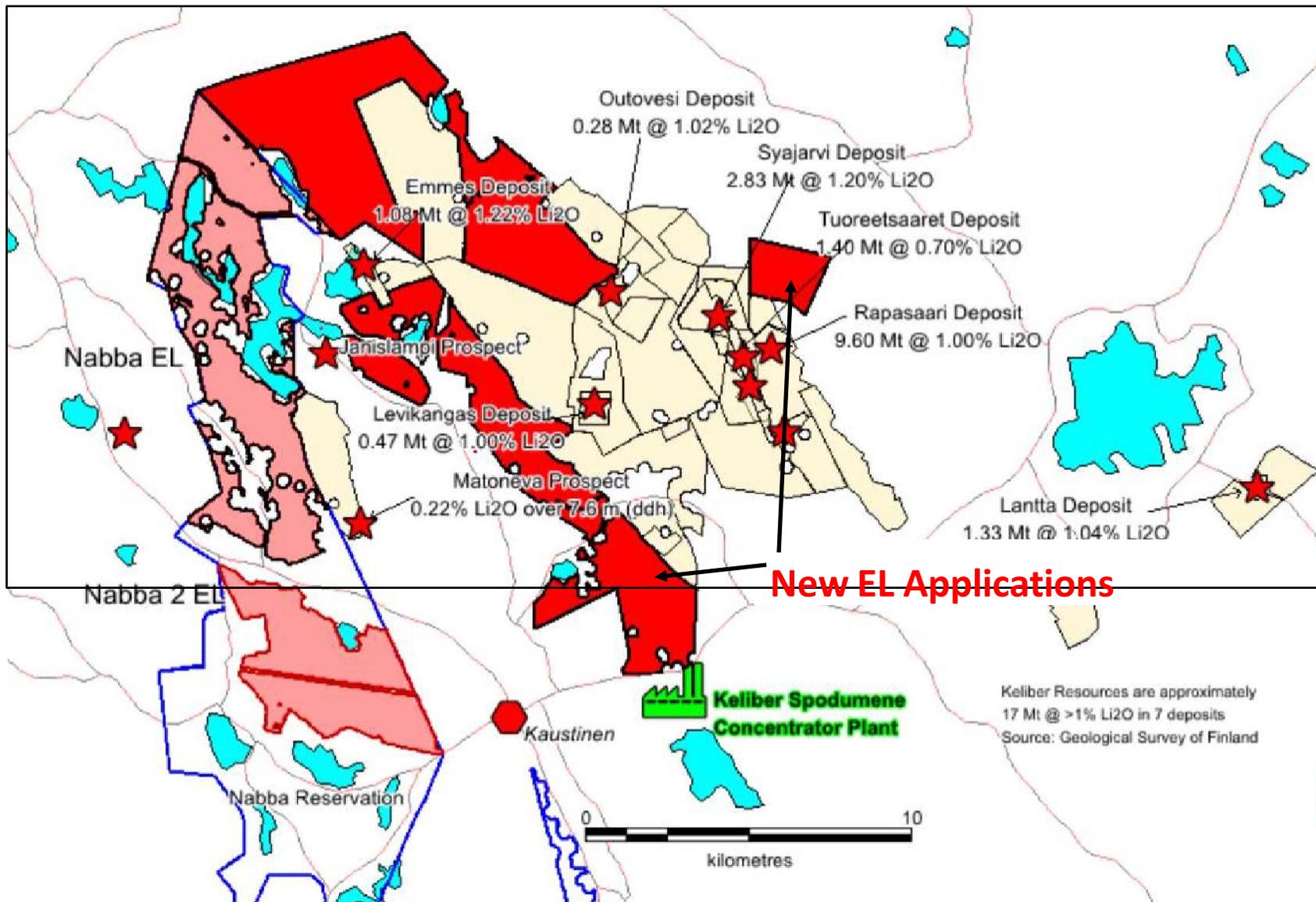
- All the Keliber deposits and generally other prospects in the region are concealed under cover
- They were discovered by tracing boulders back to source.
- Most deposits occur 300-500 m “up-ice”

# Kyrola Area – Comparison of Keliber Deposits at Same Scale



- All the Keliber deposits and other prospects in the region are concealed under cover and were discovered by tracing boulders back to source.
- They also have a small footprint, generally < 500m strike with individual dykes 1- 30 m wide
- A significant pegmatite swarm could easily be concealed under farm field up-ice from the boulders

# New Exploration Licence Applications



- New EL applications submitted in late March
- License boundaries <350 m of known deposits
- EEM will control approximately 10,000 ha in Keliber region
- Gives EEM a Strategic Land Position

- Prelim Exploration Budget CAN\$1.5 million
- Prospecting! Q2-Q3
- Geological mapping Q2-Q3
- Trenching Q2
- Base of Till (BoT) Sampling Q4
- Diamond Drilling Q4

- First year exploration program was a success
- New lithium-rich spodumene bearing pegmatite mineralization discovered on Nabba (3.84% Li<sub>2</sub>O)
- EEM granted two new Exploration Licences at Nabba in January
- EEM has submitted new Exploration Licence applications near Keliber/Nabba In March
- EEM has executed a purchase agreement for 100% of the Nabba and Lappajarvi projects (formerly an 80% Earn-in agreement with Capella)
  - Savings of \$150k cash and 1.15 M shares
- EEM controls approximately 10,000 ha in the Keliber area
- 2024 field program to commence on or about Mid-Late May



**Tim Hennberry**  
*Independent Director*

Mr. Hennberry is a professional geoscientist registered in British Columbia with over 42 years of experience in domestic and international exploration and production for base and precious metals and industrial minerals. Mr. Hennberry has been involved in the management side of public companies for the past 16 years, including: founding, senior management and/or directorships. He currently sits on the Board of multiple CSE and TSX.V companies, while also sitting on the Advisory Boards of others.



**Christos Doulis**  
*Independent Director*

Mr. Doulis has over 25 years of experience in the metals and mining space having held senior positions in mining equity research, investment banking and in industry. He was an award-winning research analyst at Stonecap Securities and PI Financial from 2010 to 2015. Prior to that Christos was a partner at Gryphon Partners as well as VP Investment Banking (Mining) at TD Securities. Most recently, Christos served as CEO for several exploration companies focused on Western Newfoundland and in Nevada. He holds a Bachelor of Arts in economics from Queen's University.



**Jeremy Poirier**  
*Director*

Mr. Poirier brings nearly two decades of capital markets experience in the natural resource and technology sectors. He has served in various senior officer and corporate development roles at exploration mining companies. From September 2016 through December 2019, Mr. Poirier was CEO of Bearing Lithium Corp. and was instrumental in the Company's acquisition of Li3 Energy. Prior to Bearing Lithium, Mr. Poirier held senior roles at Pure Energy Minerals Ltd. and is currently the CEO of European Energy Metals Corp.



**Gino DeMichele**  
*Director*

Currently President and Chief Executive Officer of A2 Capital Management Inc. Previously Vice President and Senior Investment Advisor at Various Canadian brokerage firms. Over 30+ years of finance, public and private equity, merger and acquisition expertise.



**Larry Taddei**  
*Director*

Mr. Taddei brings seventeen years of experience as a senior executive in the mineral resource industry, culminating in twelve years as the Chief Financial Officer of MAG Silver Corp. where he was instrumental in its growth. His relationships extend to the investment community, playing a lead role in defining capital structure and balance sheet management. He was responsible for all aspects of MAG's financial operations, including treasury, taxation, IT systems, insurance, and risk management. He also played a key role in the company's governance and ESG guidelines, policies, and procedures. Prior to MAG, Mr. Taddei was Chief Financial Officer of West Timmins Mining Inc. until its purchase by a producing major in 2009 for CAD \$ 424 million after the discovery of the Thunder Creek gold deposit. Mr. Taddei is a Chartered Professional Accountant with the Chartered Professional Accountants of British Columbia and an Accredited Director with the Chartered Governance Institute of Canada. He holds a Bachelor of Commerce Degree from the University of British Columbia.

# Lithium Peer Comparables



COMPANY	TICKER	MCap (C\$)	EV (C\$)
Patriot Battery Metals Inc.	TSXV:PMET	1,068.8	935.7
Li-FT Power Ltd.	TSXV:LIFT	218.8	201.2
Winsome Resources Limited	ASX:WR1	210.4	172.7
Brunswick Exploration Inc.	TSXV:BRW	179.3	164.9
IRIS Metals Limited	ASX:IR1	162.3	161.7
Arbor Metals Corp.	TSXV:ABR	90.5	91.4
Critical Resources Limited	ASX:CRR	47.6	45.1
Energy Transition Minerals Ltd	ASX:ETM	42.3	23.9
Cygnus Metals Limited	ASX:CY5	40.1	35.3
Power Metals Corp.	TSXV:PWM	39.8	31.4
Morella Corporation Limited	ASX:1MC	33.0	27.9
United Lithium Corp.	CNSX:ULTH	29.0	22.8
Foremost Lithium Resource & Technology Ltd.	CNSX:FAT	18.1	17.0
Tearlach Resources Limited	TSXV:TEA	5.7	4.9
<b>European Energy Metals Corp. (\$0.36)</b>	<b>TSXV:FIN</b>	<b>7.6</b>	<b>6.5</b>

Source Capital IQ as of November 15, 2023

Shares Outstanding	55,057,148	
Options Outstanding	2,550,000	
Warrants Outstanding at .75	6,350,546	2026 Expiry
Warrants Outstanding at .20	8,482,050	2026 Expiry
Total Fully Diluted	72,439,744	



## Contact Us:



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Vancouver, B.C. V6C 1L6

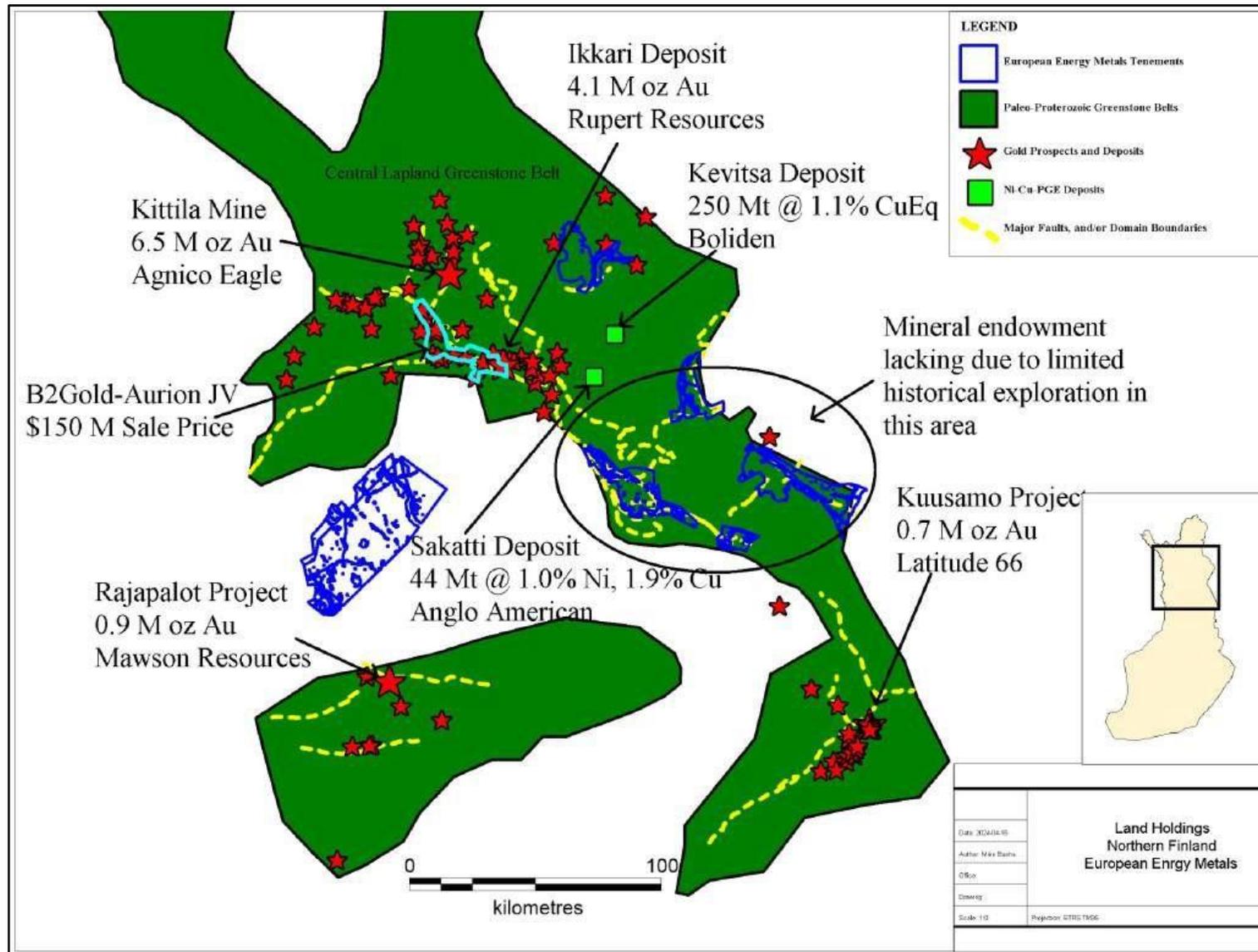


[info@europeanenergymetals.com](mailto:info@europeanenergymetals.com)



604-722-9842

# Gold Projects – Central Lapland Greenstone Belt (CLGB)



- 5 Mineral Reservations covering > 300,000 ha
- In Under-explored southeast part of CLGB
- Highly prospective for gold and base metals
- Underlain by geology similar to Ikkari and B2Gold-Aurion JV

March 2023	Execute agreement to Earn-in 80% in Nabba, Lappajarvi, Kaatiala and Lovela Projects
July to October 2023	Field program - prospecting and mapping; multiple occurrences of Lithium-rich, spodumene bearing pegmatite boulders discovered on Nabba
Sept-October 2023	Nabba and Nabba 2 ELs submitted
January 2024	Nabba and Nabba 2 ELs granted
March 2024	Four New ELs submitted in Keliber/Nabba area
April 2024	Execute agreement to purchase 100% in Nabba, Lappajarvi, Kaatiala and Kovala Projects (savings realized)

# Gigafactories in Europe

## Highlights:

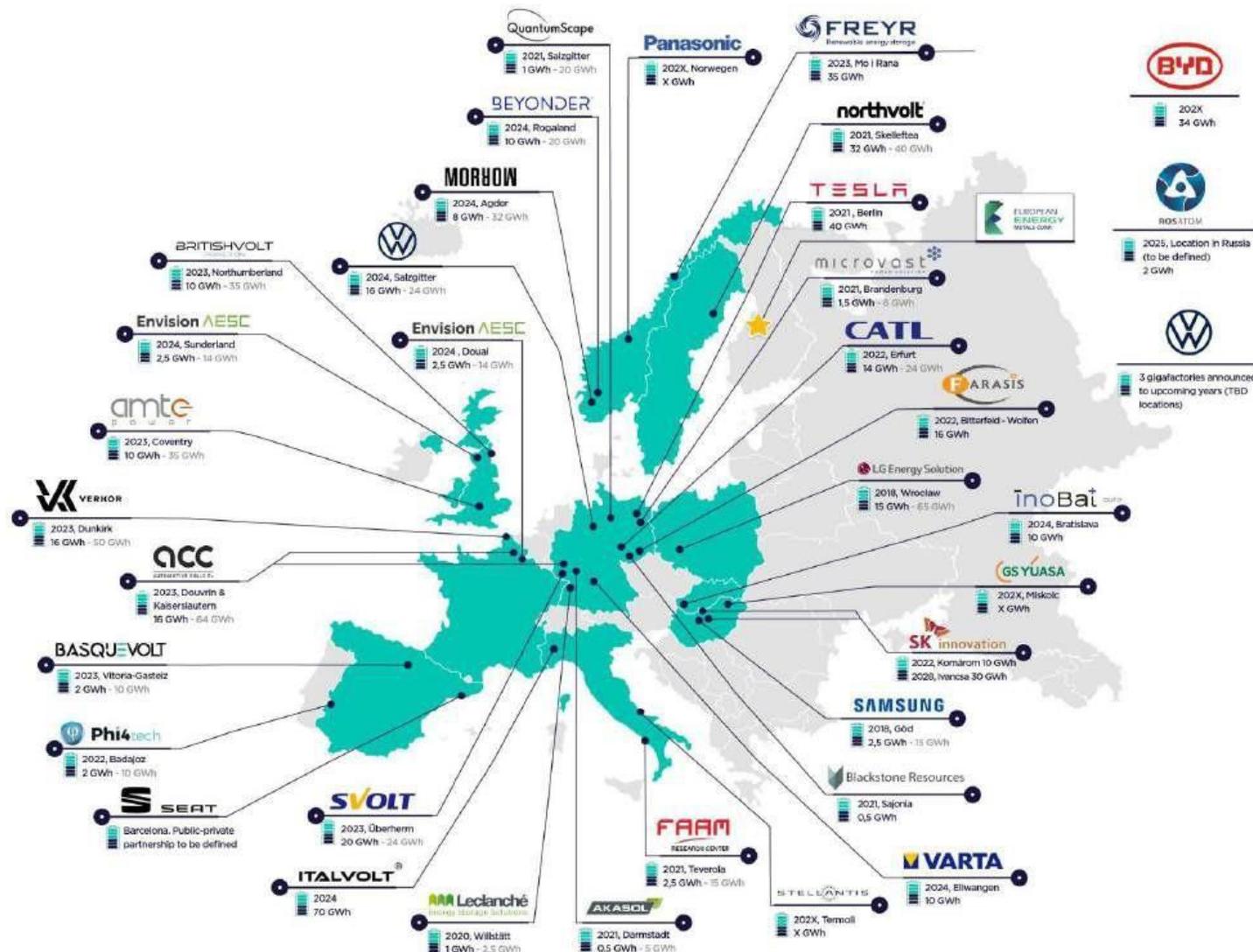
- Finnish Minerals Group and Beijing Easpring Material Technology have been investigating and negotiating the possibility to establish a **CAM plant** in Kotka, Finland with the initial capacity of 50,000 t/a.
- Freyr Battery intends to build Finland's **first Gigawatt-hour-scale battery cell** production facility and has already initiated an **Environmental Impact Assessment (EIA)** for the project.
- Norway's first lithium-ion (Li-ion) battery factory has taken a key stride toward construction with a **NKr142m (\$16.4)** grant being given to developer Freyr by the **Nordic country's ministry of climate and environment**.

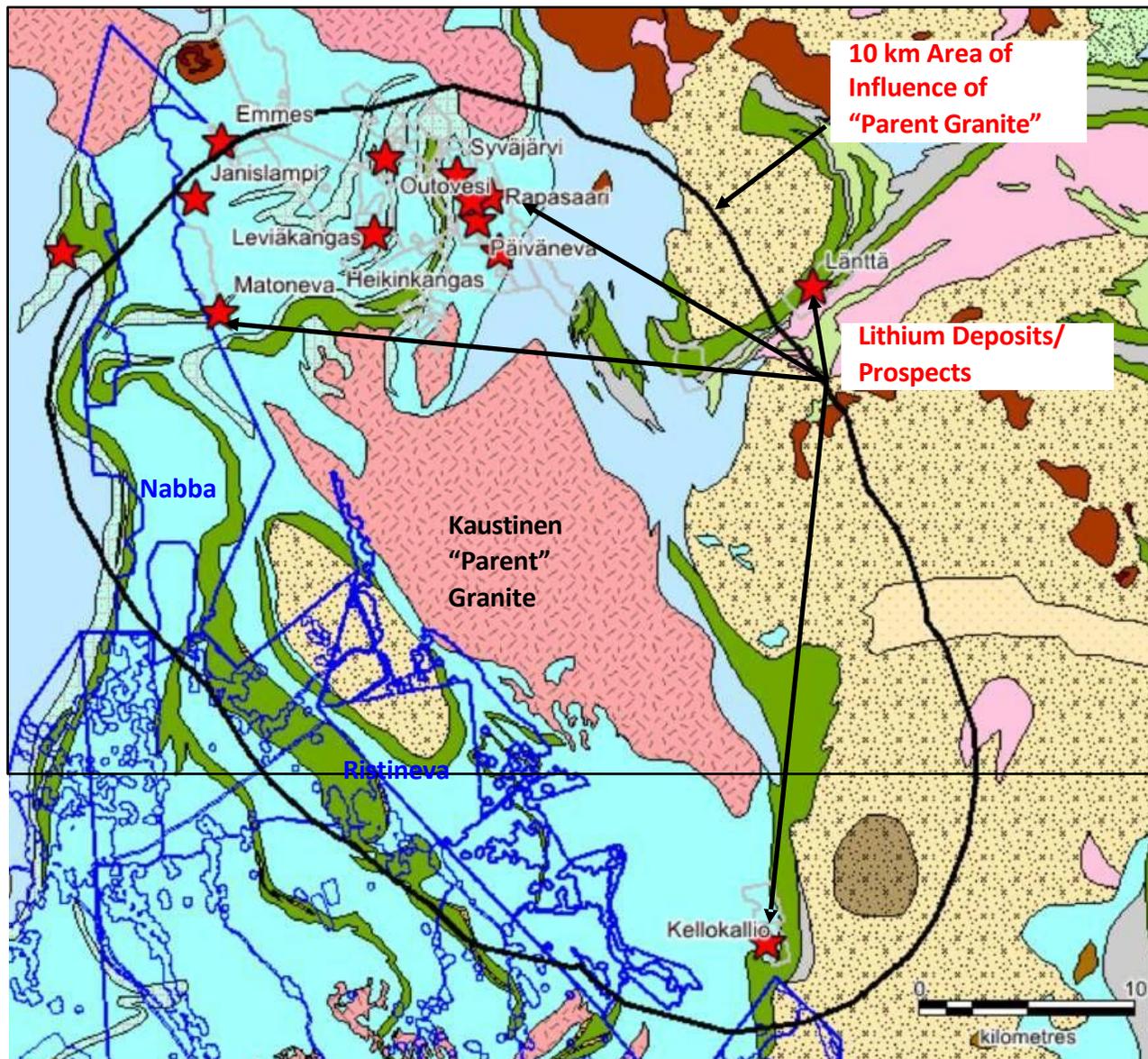
Source:

<https://renewablesnow.com>

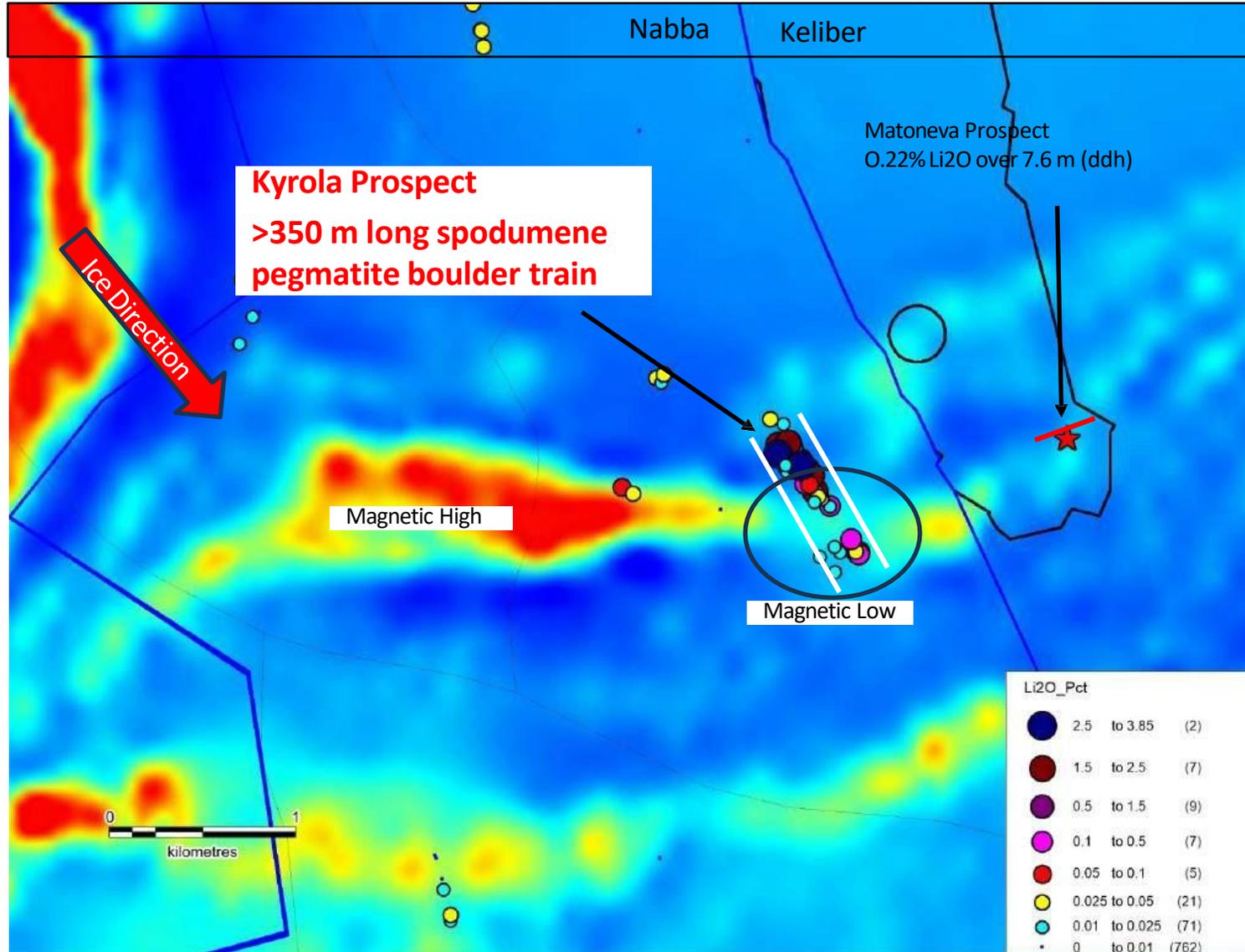
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<https://www.rechargenews.com/>

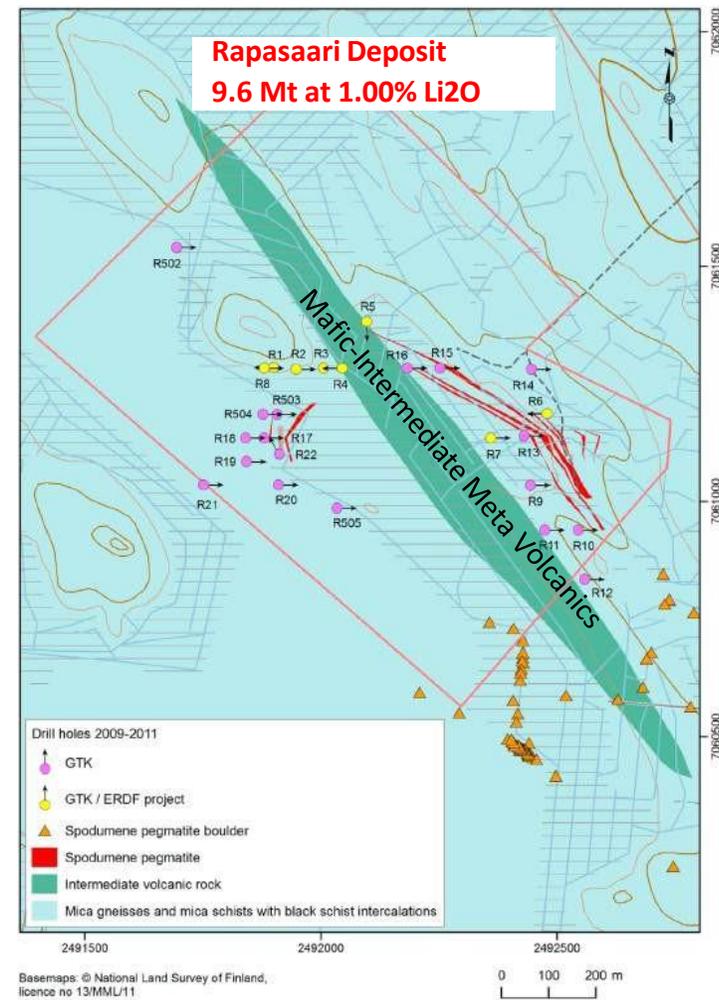
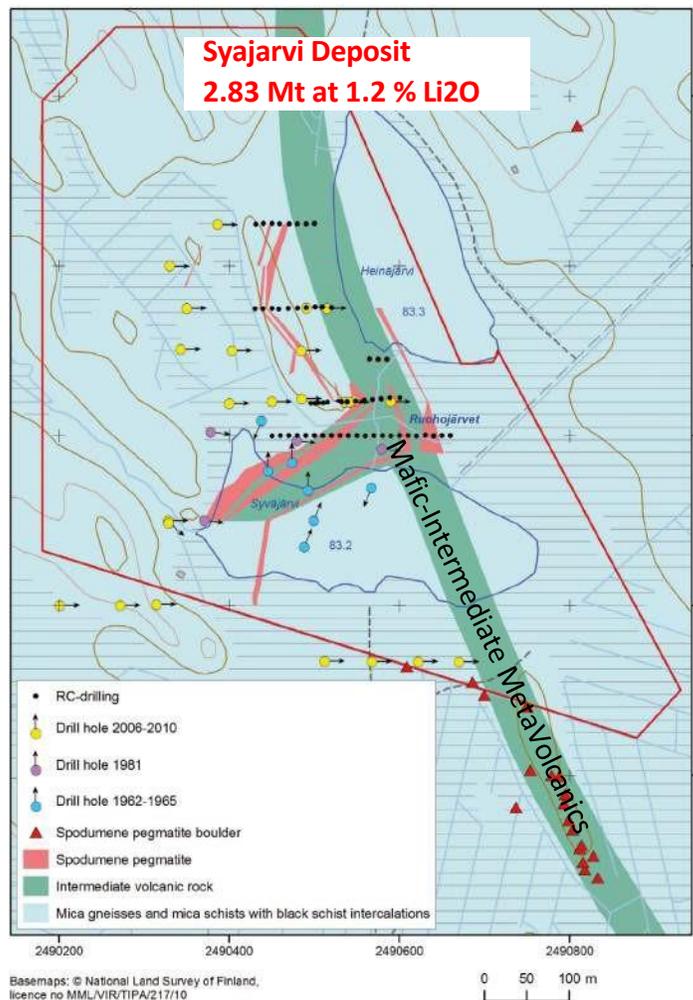
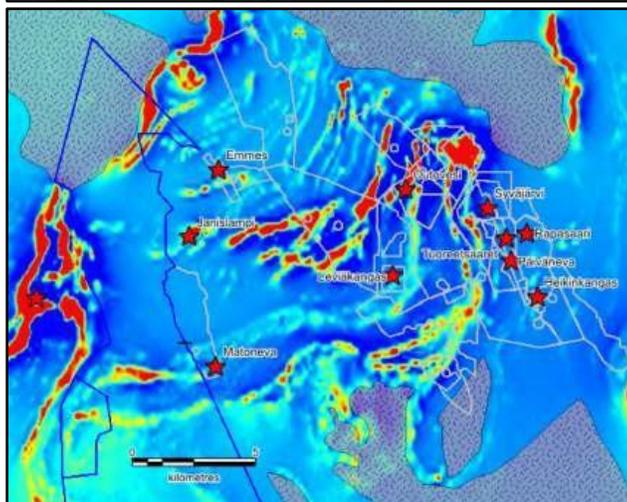
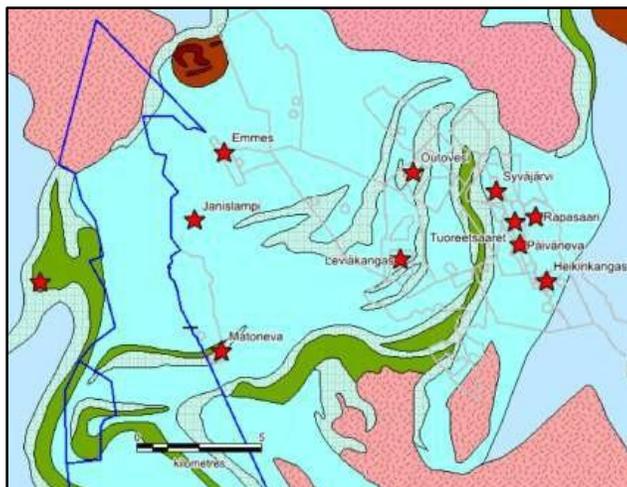




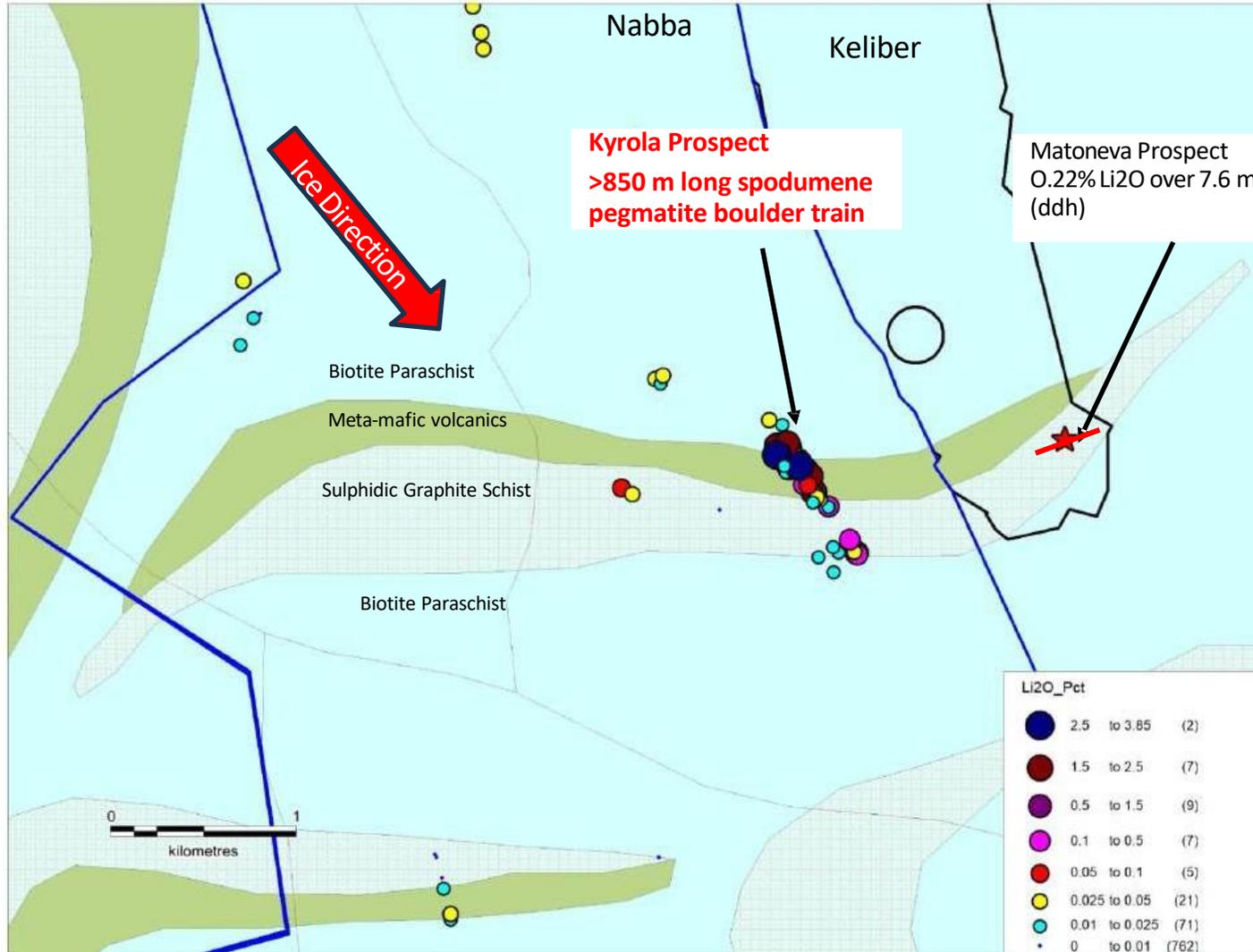
- Most LCT pegmatite deposits occur within <10 km to a parent granite where a genetic link can be deduced.
- It has been postulated that the Li pegmatites in the Kaustinen region are the differentiated products of the Kaustinen Granite.
- All the prospects in the region all lie within 10 km of the Kaustinen Granite
- There are Li-pegmatite deposits and prospects NW, NE and SE of the Kaustinen Granite”
- The area SW of the Kaustinen Granite is under-represented
- It is also possible that other similar granites in the region are fertile and a possible source for LCT pegmatites



- Magnetic lows may be sites for location of mineralization where a host structure or pegmatite swarm crosses the magnetic high trend
- Pegmatite deposits/prospects elsewhere in the region occur in similar setting, ie at the mafic volcanic contact
- It is also possible that NNW - SSE trending pegmatites lie under a portion of the boulder field

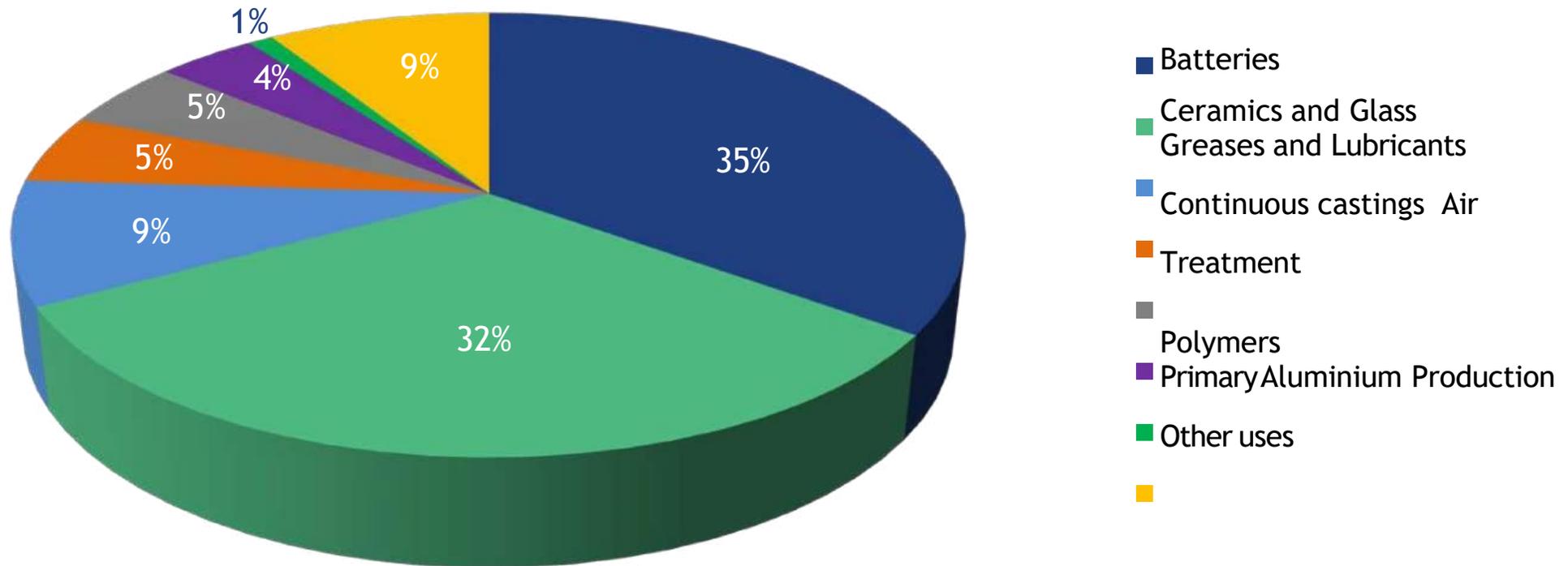


The pegmatites at Keliber and in the region in general are often associated with Mafic to Intermediate Volcanic rocks. This may be due to competency contrast between the volcanics and the surrounding metasediments. There are two primary orientations of known pegmatites: 1) NNW-SSE and 2) WSW-ENE



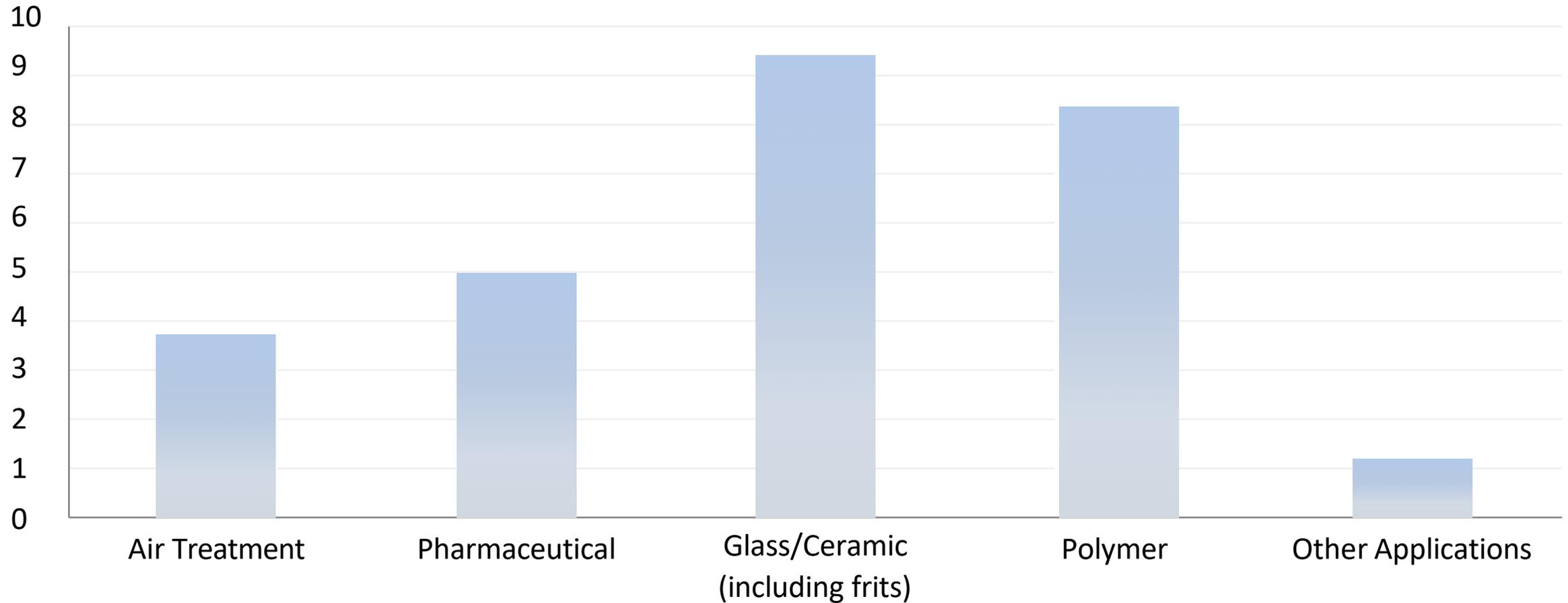
- Some deposits in the region occur at the contact between meta-colcanics and meta-sediments
- Mineralization at Kyrola occurs at the contact with meta-mafic volcanics and met-sedimentary rocks
- This represents an exploration tool

Lithium Market, Volume CAGR (%), by Application, Global, 2022-2027



Source: <https://insidexploration.com/>

Lithium Market, Volume CAGR (%), by Application, Global, 2022-2027



Source:  
[www.researchandmarkets.com](http://www.researchandmarkets.com)

Current Mining Act: 01/06/2023

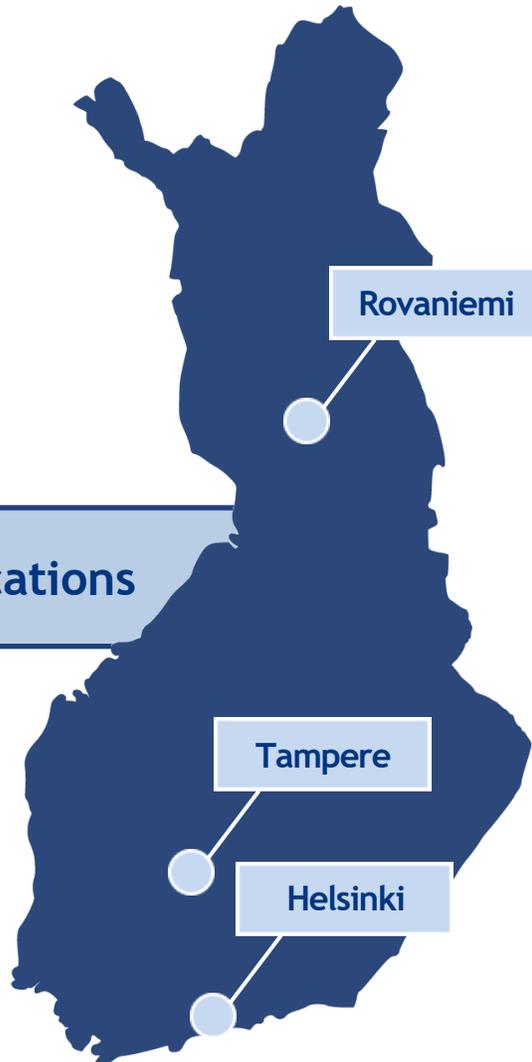
We have



*As of June 1, 2023 new reservations will cost 1 Euro/ha to hold*

*Can be extended 5 years with 50% Landowner Approval/Consent*

## Office Locations



# tukes

Turvallisuus- ja kemikaalivirasto

Turvallisuus - ja kemikaalivirasto(Tukes)  
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