



Sustainably | Responsibly | Efficiently

Mining Finland

World-class technology for the mining industry

Our member companies offer comprehensive solutions for the needs of the mining industry. Mining Finland helps you find contacts, whether you want to find the best solutions or invest in the Finnish mining cluster. We also promote R&D cooperation in the mining sector. Mining Finland is a non-profit association funded by its members.

MEMBERSHIP FEES:

Large Organizations

Large companies/organizations with over 250 employees and annual revenue exceeding 50 million euros. **€7,000**

Medium-sized Organizations

Medium-sized companies/organizations with 50-250 employees and annual revenue between 10-50 million euros. **€5,000**

Universities and Other

Educational Institutions **€5,000**

Supporting Members **€2,500**

Registered Associations **€1,000**

Other Associations and

Legal Entities **€500**

Small Organizations

Small companies/organizations with 10-50 employees and annual revenue between 1-10 million euros. **€2,500**

Micro Organizations

Micro companies/organizations with less than 10 employees and annual revenue under 1 million euros. The membership fee is an annual fee, all fees are VAT 0%. **€1,000**

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Mining Finland
PL 6
FI-90401 Oulu
Finland

miningfinland.com
lasse.moilanen@miningfinland.com



PALSATECH

Wide range of geoservices

Palsatech provides high-quality geological and technical services for the mining and exploration industry. We have developed a unique and innovative service concept, which is always customized to meet the needs of each client. With us, the customer gets the know-how, methods, space, and equipment, all in one place.

Our services include:

- Geological and technical services at sites (*exploration projects and mines*)
- Drill core handling, reporting, sawing, and storing
- PalsaCenters, our exploration and mining service centers, in Finland in Kemi and Sodankylä
- Designing and manufacturing of logging tables

Read more from our website: www.palsatech.fi/en



Contact us:
Verkkokarintie 11, 94900, Kemi, Finland
info@palsatech.fi | +358 40 180 5324



Why mine in Finland?

World-class technology has long roots in Finland

- ✓ Mineral-rich bedrock. Finland has Europe's only chrome mine and phosphate mine. We are also the largest producer of gold, platinum and palladium in EU countries.
- ✓ The most advanced digital economy in the EU (European Commission 2022)
- ✓ More than ten mining related universities and research organizations
- ✓ Over 200 mining technology and service providers
- ✓ No 1 in Europe in global lithium-ion battery supply chain ranking. Growing battery metals supply chain, clean grid and quality infrastructure. (Bloomberg/NEF 2022)



LARGE SCALE INDUSTRY SERVICES AND EXPERTS



**Steel structures and
pipeline building**



**Mine and factory
maintenance works**



**Infrastructure works
including district heat**



**Factory services
including building works**



Sustainable mining

The mining industry is facing transformation as mining companies are adopting new technologies and practices to meet decarbonisation goals and comply with environmental, societal and governance (ESG) policies. Finland is strongly committed to systematic development of sustainable mining industry. There is a long tradition for mining research in universities and research centres which have created number of new innovations and technologies improving mines productivity and responsibility.

Both young and innovative SMEs and large and experienced MNEs offer equipment and services to all stages of the mine lifecycle and support more sustainable mining through offering best available technologies for the mining industry.

Socially and environmentally responsible mining

Socially and environmentally responsible mining
Good environmental, social and governance policies have become an essential framework for exploration and mining companies to successful and profitable operation. The low carbon future and energy transition require new raw materials while local communities ask transparency from the companies in their neighborhood. Mineral exploration and mining companies need to obtain a social license to operate (SLO) within the local community they operate by communication and minimizing impacts on the local livelihood and culture. Sustainable sourcing of minerals ensures also future generations have access to raw materials and clean environment.



The Sustainable Mining Network provides a neutral platform for interaction between the mining industry and its stakeholders.
www.kaivosvastuu.fi/in-english.



Watch our videos!

Three stories of circular economy.

We would need two earths to support our current lifestyles.



Finnish way to the circular economy.



Innovators in the mine.





Kevitsa

**Our purpose is to provide the metals
essential to improve society for
generations to come.**

**Drive change for
generations to come**

[**www.boliden.com**](http://www.boliden.com)

**Society needs metals
– and we need you!**

[**www.boliden.com/career**](http://www.boliden.com/career)

Boliden Kevitsa is a multi-metal mine located in Sodankylä, Northern Finland and is a major employer in the region. Our main products are nickel and copper concentrates. Concentrates also include cobalt, platinum, palladium and gold.

We work systematically to minimize our environmental impact and to increase energy efficiency and biodiversity. We improve productivity and safety by investing in automation and electrification.

Our common values, care, courage and responsibility, guide our work in our daily activities.

Mining Industry Statistics of Finland (2022)

A total amount of mining ore and waste rock 119,4 million t.

Personnel approx. 5 500

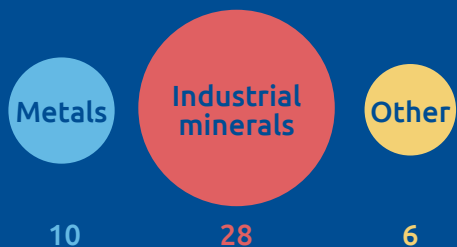


43 mines
(9 Metals, 26 Industrial Minerals, 8 others)

Revenue approx. 2,4 billion €



Number of mines



For more statistics
visit infogram.com



MITTA - YOUR RELIABLE PARTNER FOR EXPLORATION AND MINING

At Mitta, we offer a wide range of services to support the entire mine life cycle. Our services include **drilling, laboratory tests, surveying, environmental services, monitoring solutions**, and **engineering management**.

We prioritize safety and sustainability and have specialized expertise in dam safety. Our engineering team is a key partner in guiding mine production and permitting processes, with a special capacity to combine geological, hydrogeological, economic, and other data transparently and efficiently.

With the help of our software services and monitoring products, we can make tailored solutions according to our customers' needs.



Finnish know-how is extensive

The mining industry value chain is long and offers many opportunities for new innovations and efficient use of side streams.



Watch our video!



Callio is a globally unique multidisciplinary operating environment.



The Pyhäsalmi Mine, located in the town of Pyhäjärvi, Finland, is one of the deepest known mines in Europe reaching 1,445 metres underground. As mining will end, a globally unique multidisciplinary operating environment, Callio, will emerge. The mine and the

surrounding brownfield area offer a diverse range of opportunities for success for new and innovative projects and established operators seeking new horizons alike.



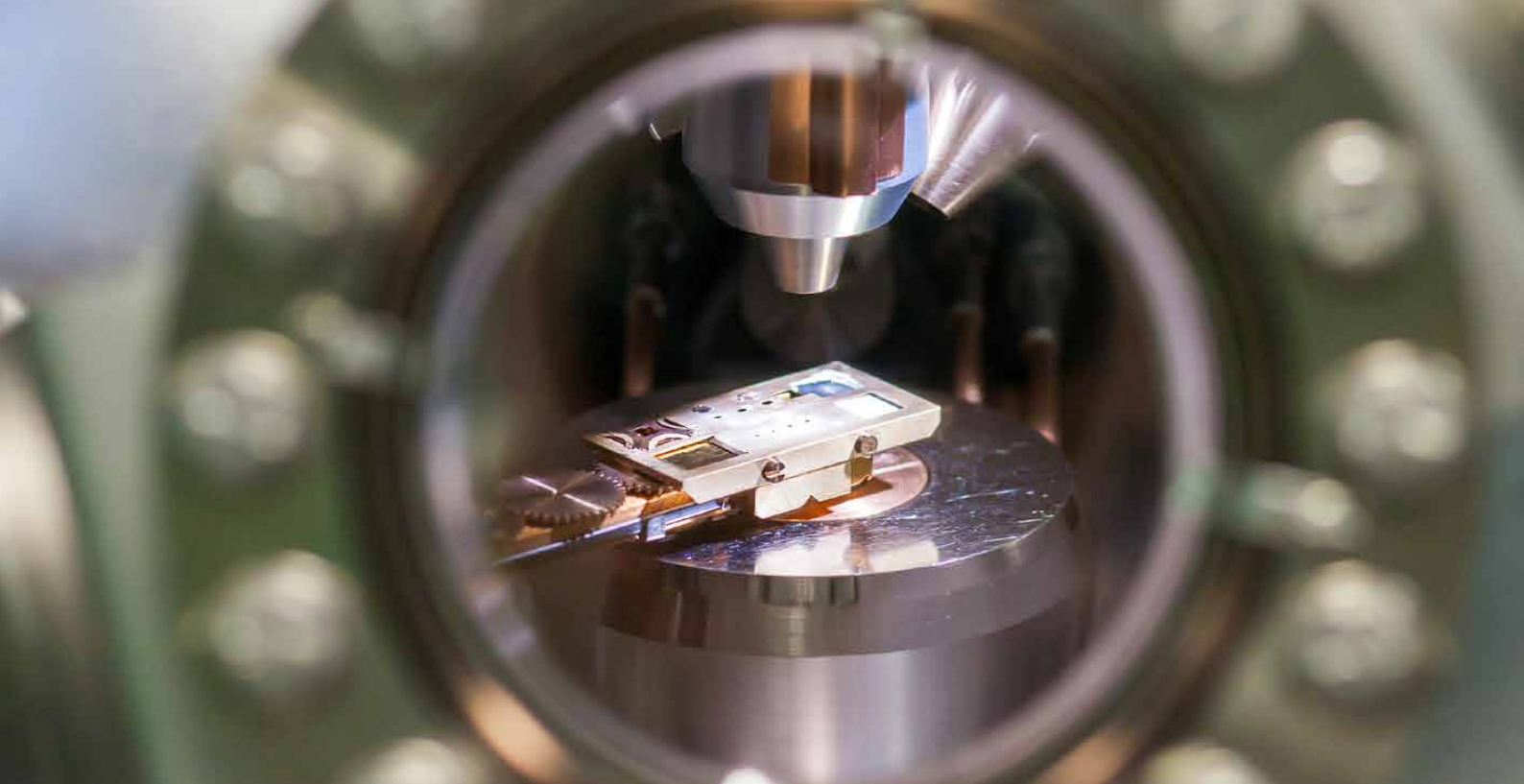
Adven & Finnish Minerals Group

Together finding ways of recycling industrial waters and processing waters with sodium sulfate in a technically and economically reasonable way.



Learn more how





World class expertise

Finland has systematically developed its mining cluster. Today the cluster is strong consisting of more than ten mining related universities and research organizations, more than 200 mining technology and service providers, over 40 mines and ten smelters and steel mills.

- EXPLORATION
- MINING
- EDUCATION
- BATTERY TECHNOLOGY
- MINERAL PROCESSING
- CLOSURE / REHABILITATION



BB LOGISTICS

AN EFFICIENT LOGISTICS PARTNER

All port logistics, handling and storage

BB Logistics operates in five Finnish ports, providing a diverse range of port handling, storage and transport services to customers such as wind energy, bioenergy producers and users, as well as industries including food, animal feed, pulp and paper, construction, mining and metal. As we operate in several locations across the coast, we will find you the best logistical solution.

All our terminals have possibility to customize storage options based on customer's needs. Almost all terminals have both outdoor and indoor storage space. We operate as part of the Euroports company. At all terminals the warehouses are located next to the quays and in many terminals also train tracks are close to the warehouses.

BB Logistics' operations are guided by the certificates ISO 9001, ISO 14001, ISO 45001 and EFISC-GTP. With successful work and setting goals, we ensure a safe and environmentally friendly workplace for employees, customers and partners. For us, safety means a safe working environment to our employees in all conditions. We are reliable and desired operator for our partners now and in the future.

WHICH OF OUR TERMINALS COULD SERVE YOU BEST?

Kemi, Oulu, Kaskinen, Loviisa, Hamina



Antti Vihavainen, Area Manager of Northern Finland: +358408613412 | info@bblogistics.fi



■ EXPLORATION AND MINING

Finland has a rich geological landscape with untapped mineral potential, making it an attractive destination for mining companies. Additionally, Finland has a stable political and regulatory environment, transparent permitting processes, advanced infrastructure,

and a skilled workforce, all of which create a favorable atmosphere for exploration and mining activities. This combination of geological potential and favorable operating conditions has contributed to the success of exploration in Finland.

TAPOJÄRVI

**Finnish forerunner
in industrial circular
economy, specialised
in mining services**



tapojärvi-oy

**Read more about us
» www.tapojarvi.com/en**

Watch our video!



EDUCATION

The combination of practical industry-focused curriculum, experienced faculty, close collaboration with mining companies, and access to real-world mining sites all contribute to the effectiveness of mining education in Finland.



NTKOY.FI
drilling for your success.

FIRST-RATE DIAMOND CORE DRILLING
Without sacrificing quality or the environment



www.ntkoy.fi



■ MINERAL PROCESSING

Mineral processing in Finland is highly effective due to a combination of factors. These include advanced research and innovation, state-of-the-art technology, close industry-academic collaboration, and a focus on sustainable and efficient practices. Additionally, Fin-

land's mineral-rich geology provides ample opportunities for hands-on learning and practical experience in mineral processing techniques, further enhancing the effectiveness of education and practices in this field.



■ CLOSURE / REHABILITATION

Closing or rehabilitating a mine in Finland is known for its safety and environmental friendliness due to a few key factors:

- ✓ Stringent Regulations
- ✓ Environmental Considerations
- ✓ Financial Responsibility
- ✓ Research and Innovation
- ✓ Collaboration
- ✓ Expertise and Knowledge Sharing
- ✓ Long-Term Planning
- ✓ Public Awareness and Engagement









Taiga Geoservices provides tools for its clients to better exploit the finite mineral deposit from the first economic assessment to the ultimate closure of the mine, in order that the geological information will be optimally utilised in the mineral resource estimation, mine planning and beneficiation processes.

Contact us


Jyri Meriläinen CEO, M.Sc, EurGeol
Tel: +358 40 2565 248
jyri.merilainen@taigageoservices.fi

EXPLORE THE OFFERINGS OF OUR MEMBERS

The Finnish mining technologies are available for any mine in the world. On the following pages you can learn more about the technologies, services and research Mining Finland's members provide.


-  **EXPLORATION**
-  **MINING**
-  **EDUCATION**
-  **BATTERY TECHNOLOGY**
-  **MINERAL PROCESSING**
-  **CLOSURE / REHABILITATION**

3AWATER

 3AWater offers a solution for fast and easy analytics of metal contents in waters. The product Multimetal Waters Analysis System (MWAS) provides real-time water quality data that can be used for optimising water management and environmental risk control for industries handling large amounts of metal containing waters such as mining and metal industry.



AQUAMEC OY - WATERMASTER

 Aquamec develops, manufactures and markets amphibious multi-purpose Watermaster dredgers. Watermaster's capabilities include suction dredging, backhoe dredging, raking and pile driving. Over 300 references in over 70 countries worldwide.



■ ARCTIC DRILLING COMPANY

ADC offers high-quality certified drilling and state of the art drill rigs. Downtime is the common enemy and we attack that with improved safety, fastest set-up times and high mobility - even in extreme conditions. Our portfolio has the right customizable products to minimize the costs of your drilling.



■ ASTROCK OY

Astroek provides geophysical consulting covering wide range of methods from airborne to ground and borehole geophysics. We also provide geophysical instrumentation and surveys specializing in borehole logging.



■ BETOLAR

Betolar is a pioneering materials technology company focusing on turning industrial side streams into value. We offer continuous competitive edge to the construction, mining and concrete industries and enable the transition towards a sustainable built environment - socially, environmentally and economically.



**INDUSTRY-LEADING, WORLD-
CLASS VALVE SOLUTIONS**

Contact us +358 207 851 790 | rffvalves@rftek.fi

BGM EUROPE OY

BGM Europe Ltd is a novel mining company dedicated in re-mining and urban mining development and operations in the EMEA region. BGM Europe Ltd is also doing brown field investments in nickel, cobalt, and zinc mines. The company follows high ESG code and dedicates in sustainability in all of its mining operations.



BIOBROS

Biobros Ltd. is a service and supplier company specialising in water purification solutions. Biobros' mission is to solve industrial water and wastewater problems comprehensively. We aim to find the best possible solution for water problems/challenges in technical and economical terms, using new, innovative water purification methods.



BIO SO4

BioSO4 supply globally a wide range of REACH-registered mining reagents and grinding media from big global producers. Main products are xanthates (SEX, SIBX, SIPX, PIAX), liquid collectors and grinding balls. Together with our customers, BioSO4 has solved many flotation and mining reagent challenges.



BOLIDEN KEVITSA MINING OY

Boliden Kevitsa is a multimetal mine operating in Sodankylä, Northern Finland and it is a major employer in the region. Our main products are nickel and copper concentrates. Concentrates also include cobalt, platinum, palladium and gold. The ore concentrates are supplied to our own smelting plants in Harjavalta and Rönnskär. We work systematically to minimize our environmental impact, increase energy efficiency and preserve biodiversity. We improve productivity and safety by investing in automation, electrification and remote control. Our common values – care, courage and responsibility guide our work in our daily activities



■ CALLIO

■ Callio is a globally unique multidisciplinary operating environment. It offers a diverse range of opportunities for success for new and innovative projects and established operators seeking new horizons alike, as well as for training and R&D.



■ CASTREN AND SNELLMAN

■ Castrén & Snellman was founded in the late spring of 1888. Decades of supporting our clients' success have enabled us to grow into a firm of over 300 people. We are based in Helsinki, and in other parts of the world we work with an extensive international network of law firms. We are a trusted advisor in mergers and acquisitions, disputes and other specialised fields of business law. Our mission is to help our clients build sustainable success stories.



CASTRÉN & SNELLMAN

- EXPLORATION
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Umicore operates a highly automated hydrometallurgical processing facility at Kokkola's Industrial Park on the West Coast of Finland. It is the largest cobalt refining plant outside China and a big European precursor plant. Operational since 1968

Read more » www.umicore.fi



COMADEV

Comadev is a diamond core drilling and sampling services providing company. While our product development and maintenance are located in Rovaniemi, Finland, our drilling units can be found from many work-sites in Scandinavia. We want to improve continuously, and our vision is to be the best partner in the field of core drilling and sampling. We have experience from multiple worksites with different terrains, which makes us excellent partner operating in various demanding projects.



DRAGON MINING

Dragon Mining's operations are focused on maximising safety performance, environmental performance, and cost efficient production. In Finland we operate the Vammala Production Centre which consists of the Vammala Plant and the Jokisivu and Orivesi Gold Mines.



龍資源有限公司
DRAGON MINING
LIMITED

DYNASET

Dynaset is the global leading manufacturer of hydraulic generators, power washers and compressors. Dynaset hydraulic equipment converts the mobile machine's hydraulic power into electricity, high-pressure water, compressed air, magnet and vibration. Our company's products are used for hundreds of applications in various industries around the world.



StratiSampler


- Worlds smallest automatic sampler
- Sampling during production drilling
- Correct sample data
- Driller operated
- Less energy consumption
- Less tailings – more to sell

Contact us

www.stratisampler.fi
erik@stratisampler.fi




EGEMAD

 EGEMAD provides unique solutions developed in-house and through affiliates and strategic alliances to fulfil the needs of mining and energy companies, which require asset development and project management support and technical services. It has a very large network from Australia to Canada.



ENDOMINES

 Endomines is a growing mining company that embraces new ways of thinking. Our mining operations focus on gold production and on exploration in Pampalo, and along the Karelian Gold Line in eastern Finland. we produce is always sustainable. It is our goal that the origin of our gold is always traceable.

ENDOMINES
PAMPALO • FINLAND



sma
mineral

WELCOME TO THE AMAZING WORLD OF LIME!

www.smineral.com

EIT RAWMATERIALS

founded and funded by the EIT (European Institute of Innovation and Technology), a body of the European Union, is the largest network in the raw materials sector worldwide.



ENDRESS + HAUSER OY

Endress+Hauser is a global leader in measurement instrumentation, services and solutions for industrial process engineering. With the help of our solutions and services, our customers can significantly reduce their environmental impact and increase productivity, cost efficiency and safety.



ELMERY

Elmery provides patented electrochemical metal recovery method for precious and base metal refining. Selective, cost-efficient and chemical free technology allows to better circulate the metals and increase cost-efficiency & sustainability.



Sustainable mining services

TALLQVIST

www.tallqvist.com

Instant grade control by
drillhole logging
tailored to your orebody

www.astrock.com

EPSE OY

EPSE Oy's patented technology, the EPSE™ Method, is a unique solution for the treatment of process waters and wastewaters containing soluble metals. Method turns hazardous wastewater into metal-free water and practically insoluble precipitate. EPSE technology thus enables recycling of metals and water.



ERIMEK

Innovative sampling solutions for Grade control. Correct data as hole drilling by-product! Waste is replaced by ore. Better quality Run Of Mine (ROM).



EUROFINS LABTIUM OY

For exploration and mining, Eurofins Labtium Oy is the only laboratory in the Nordic Countries that provides locally comprehensive sample preparation and analytical services.



FEASIB LTD

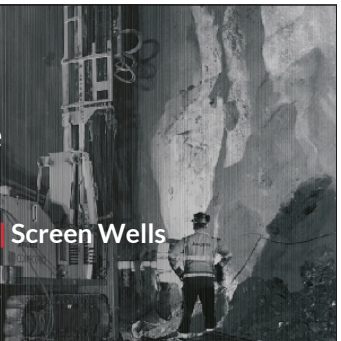
Feasib provides expert services with analytics and consulting teams. The company has a laboratory and monitoring facilities in Hitora, Nivala, Finland. Our consulting team consists of process industry experts with a strong focus on circular economy and responsibility. We also provide HSEQ management services.



Juvatec Oy
Teollisuustie 14, 95600 Ylitornio
+358 (0) 50 592 1909
info@juvatec.com
www.juvatec.com

Drilling a Stronger Future: Juvatec Oy – Over 30 Years of Expertise in The Mining and Construction Field.

Anchoring | RR®- and RD®-piling | Injection Grouting | Screen Wells
Through holes | Drilling and Piping equipment holes



■ FINEX METALS LTD.

FinEx Metals Ltd. focuses on the exploration and discovery of gold, copper, nickel and platinum group metals in northern part of Finland. The company is a part of NewQuest Capital Group (www.nqcapital-group.com) that originates and develops high-quality mineral exploration assets in mining-friendly, safe jurisdictions worldwide.



■ FINNCOBALT

FinnCobalt (aka Vulcan Hautalampi Oy) is a private Finnish company which owns the ground and all mining rights of the Hautalampi Cobalt-Nickel-Copper Mine. The Hautalampi Mine is located in Outokumpu town. The project is currently preparing to complete Feasibility Study.



■ FINNISH MINERALS GROUP - SUOMEN MALMIJALOSTUS

The mission of Finnish Minerals Group is to responsibly maximise the value of Finnish minerals. We manage the State's mining industry shareholdings and strive to develop the Finnish value chain of lithium-ion batteries. In addition, we are engaged in long-term technology development of the mining and battery industries.



■ FIREFOX GOLD

Success starts with the right people and FireFox has assembled a skilled leadership & technical team to focus exclusively on making gold discoveries in Finland. Follow our team as they explore a highly prospective group of properties in this leading jurisdiction.



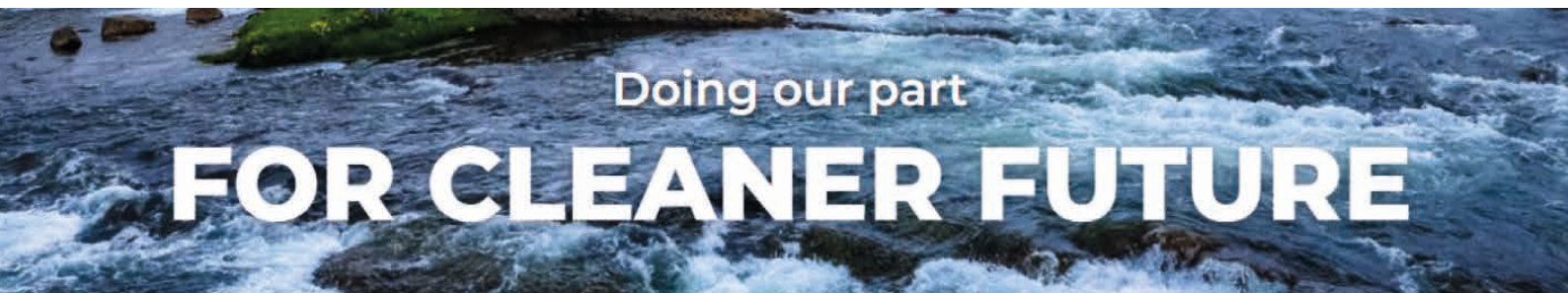
GEMDALE

One of Finland's most active explorers – Advancing a carefully selected portfolio of high-quality gold and strategic metals exploration assets



GEOLOGICAL SURVEY OF FINLAND

The Geological Survey of Finland (GTK) is a leading European competence centre on assessment and sustainable use of geological resources. We provide expertise that serves the interests of our clients, stakeholders and society as a whole.



BioS04 Oy offers globally a wide range of REACH-registered mining reagents from major international manufacturers. The company's main products are xanthates, Danafloat liquid collectors and grinding media.

In addition to products with high product purity, we offer product and usage information related to the use of flotation chemicals, quality monitoring of the products offered, monitoring the environmental impact of product use and a cost-effective door-to-door logistics service.



Lasse Moilanen | +358 50 3888 473 | lasse.moilanen@bioso4.com | bioso4.com

■ GEOPYÖRÄ

■ Geopyörä is a start-up company on a mission to bring mining into a new era of big data. Our state-of-the-art rock breakage characterization technology allows mining companies to rapidly test several samples at low cost and generate a large amount of high quality data, which can be used to better assess the ore hardness variability, reduce risks and add value to projects.



■ GREENLAND RESOURCES

■ Greenland Resources is developing the Malmbjerg project, a world-class Climax-type open pure molybdenum deposit in east Greenland. The Project has a Feasibility Study published in 2022 and is supported by the European Raw Materials Alliance (ERMA)



- **EXPLORATION**
- **MINING**
- **EDUCATION**
- **BATTERY TECHNOLOGY**
- **MINERAL PROCESSING**
- **CLOSURE / REHABILITATION**



Sakatti – mine of tomorrow

finland.angloamerican.com/en

 @AngloAmericanFI
  @Finland – Anglo American



■ **HYCAMITE TCD TECHNOLOGIES OY**

■ Hycamite decarbonises the industry by producing clean hydrogen and industrial[1]quality solid carbon. Our proprietary zero emission technology is based on methane molecules' thermo-catalytic decomposition (TCD). The pyrolysis technology requires only 13% of the energy needed to produce hydrogen by electrolysis.



■ **IMA ENGINEERING LTD OY**

■ Ima Engineering's products and services can make the difference between profitability and loss for an operation seeking to improve information used by management. In the mines and concentrators IMA cutting edge sensor technology and on-line solutions can reduce waste rock dilution and ore losses.



Not a member yet?

Check the benefits and membership fees.

miningfinland.com/membership

Savonia University of Applied Sciences is offering specialized facilities and providing practical testing and piloting services for companies in developing new innovations on the water sector. Savonia has developed its capacity for water safety over 20 years.

Savonia is a leader of the Kuopio Water Cluster (KWC; www.kuopiowatercluster.com). The KWC offers a one-stop solution

for rapid product development, testing and commercialization services for companies operating in the water technology sector.

More information available:
www.kuopiowatercluster.fi

KUOPIO WATER CLUSTER

SAVONIA

📍 Microkatu 1, 70210 KUOPIO

✉ savonia@savonia.fi

☎ 044 785 6325

savonia.fi

JS SUOMI OY

At JS Suomi we are specialized in producing Interactive Brochures and videos – targeted specifically at the recipients and funded by suppliers. We have done several successful projects for the Finnish mining companies, associations and educational units and are happy to offer our marketing services for the industry.

JS/SUOMI**KELIBER OY**

Keliber is a Finnish mining and battery chemical company that aims to start the sustainable production of battery-grade lithium hydroxide, utilising its own ore, in 2024. Our estimated annual production is approximately 15,000 tonnes of battery-grade lithium hydroxide monohydrate for the needs of the growing international lithium battery

market.  **KELIBER****KPEDU**

Kpedu is a multidisciplinary and actively developing educational organization that organizes basic and additional vocational secondary education, preparatory education, apprenticeship training and folk high school education. Kpedu is also an active developer of the region and its livelihoods.

**FinnMin****Mining makes modern life possible.**

Smartphones



Solar panels



Electric vehicles



Bicycles



Wind turbines



LAIVA GOLD

The Laiva gold mine is located in Finland, owned by Laiva Gold and is one of the largest gold deposits in the Nordic region based on current reserve estimates. State of the art 6,000 tonnes per day gold processing facility and plans to restart production during summer 2023.



LUCAMAR

LucaMar International is a Canadian-based company serving foreign customers in North America and worldwide. We specialize in eco-friendly solutions for CO2 reduction, biotechnology, concrete, and mining, driving business success through innovative and sustainable technologies.



geopyöra

breakage test



Low
Cost



Small
Samples



Accurate
Measurements



Ideal for
Geometallurgy



Online
Testing

UNDERSTANDING VARIABILITY



geopyora.com

TO ASSURE PRODUCTIVITY



MAGNUS MINERALS

Magnus Minerals Ltd. is a private Finnish prospect generator company focused on mineral exploration. We have decades of experience in prospecting and consulting on mineral exploration in Finland.



MAGNUSSON FINLAND

Magnusson, the international business law firm, has experienced teams advising clients on such as corporate and M&A, employment, technology, disputes, environmental, energy and mining law. Our mining team has particular experience in advising prospecting and mining exploration companies on contractual, financing and permitting issues. We have offices in Finland, Sweden, Denmark and the Baltics, and an extensive international network with other law firms, enabling us to serve our clients in other jurisdictions around the world.



MAGSORT

Your partner in slag processing. Magsort can recover all the metal in slag and turn it into valuable sellable commodities.



ENVIRONMENTAL AND DAM MONITORING PLATFORM



Collects all relevant data in the same system



Helps manage data through visualization and advanced calculations



Saves time with automatic reporting

FinMeas

www.finmeas.com

Laboratory services
for exploration
and mining



eurofins

WWW.EUROFINS.FI

Labtium

MYynti@EUROFINS.FI

MEFFA LAB OY

MEFFA Lab Oy is a provider of soil geochemistry services and automation solutions for portable analytical instruments. We developed a new, revolutionary method of Multi-Element Fine Fraction Analysis. MEFFA Lab Oy offers geochemical survey on your targeted area.



MERUS POWER OYJ

Offers proven power quality solutions for the mines across the world. Our solutions increase productivity of different mining processes by improving payload of the large motors. Mine operators and owners also benefit from improved power quality in terms of energy savings, reduced process disruptions and longer lifetime of capital equipment.



METABAR®

Metabar®. Pioneering the use of smart liquid and gas distribution system with metal 3D printed (AM) atomizers that cleans, washes, humidifies, prevents dust, coats, cools and disinfects sensitive materials - from skin to vegetables and challenging industrial materials. Supports industry from small to large and volume scale solutions with patented sustainable technology and customized applications

**MORE FOR
LESS.
METABAR®**

The logo for Rock Physics Finland features a stylized blue hexagon with a white 'R' inside, followed by the text 'Rock Physics Finland' in a bold, sans-serif font.

Next-level petrophysics services

- ✓ Laboratory testing
- ✓ Data quality control and audits
- ✓ Process and method development
- ✓ Training courses

+358 50 374 1106 www.rockphysics.fi

A square QR code is located in the bottom right corner of the Rock Physics Finland advertisement.The logo for GIRON CONSULTING OY features a stylized white arch with a red shape inside, resembling a mountain or a stylized 'G', followed by the text 'GIRON CONSULTING OY' in a bold, sans-serif font.

GIRON CONSULTING OY

- Mineral Rights Applications
- Project Management
- Local support & Stakeholder Engagement
- ESG Services
- DD Advisory

WWW.GIRONCONSULTING.COM

MILLISECOND OY

Millisecond Digital creates data analytics solutions for predictive planning and control of business-critical equipment. We specialize in harmonizing massive volumes of data from multiple vendors and system types – connecting different machines, environments, and individuals through standardized interfaces and signals.

**MITTA GROUP OY**

Mitta Group is an internationally operating surveying and geotechnical consulting company with extensive operations in Finland, Sweden and Norway. Our core competencies for the mining industry include geotechnical and laboratory services as well as various surveying and monitoring solutions.

**MITTAUSGURU OY**

Mittausguru Oy provides real-time environmental monitoring solutions designed for harsh field conditions. Our off-grid stations monitor water flow, quality, ground and weather conditions at your site, in real time all year around. Measurement data is easily accessed and analyzed in our secure browser-based cloud service.

**NEWPAAKKOLA**

NewPaakkola is a comprehensive supplier of material conveying systems for the mining and basic industries, from design to installation. We are experts in modernization, maintenance and components of the conveyor lines.



NIHAK

NIHAK offers regional business development services, helps companies in our region to internationalize and promotes our region's possibilities nationally and internationally. We also promote investments in the region and conduct a continuous dialogue with municipalities, landowners, and potential investors.



NORMET OY

Normet provides advanced solutions for selected customer processes in underground mining and tunneling. The company has 50 years of experience in the development, production and sales of equipment and vehicles for underground mining and tunnel construction. Concrete spraying and transport, explosive charging, lifting and installations, underground logistics and scaling



FireFox Gold was tailor-made to bring together veteran gold industry leadership and seasoned Finnish geological expertise to form a results-driven team focused on gold discovery in the Lapland Greenstone Belt. FireFox has assembled a leading land position that offers numerous opportunities to discover the next major deposit in the belt. The company's strategy for success includes systematic and cutting-edge exploration at its 100%-controlled properties, as well as creating joint venture opportunities to maximize project valuations.

As a Finnish-run mineral exploration company, FireFox is a nimble operator with a key competitive advantage: a deep understanding of the social, environmental and logistical needs of working in Finland.

There is a new gold rush in Lapland and FireFox is a major player in a terrain charged with discovery potential.

Contact us to learn more!



OULU UNIVERSITY

The Faculty of Technology at the University of Oulu is one of the leading experts in sustainable utilization of natural resources. Oulu Mining School (OMS) is an education and research unit in engineering and geosciences at the University of Oulu, which significantly strengthens the University's expertise in natural resources and sustainability.



OWATEC

Owatec Group is a Finnish growth company expanding to the international market with our modular Plug and Play –wastewater management systems. We are an environmental cleantech company specializing in industrial wastewater and sludge management and efficient handling and recovery of valuable components from side streams. One of our strongest areas of expertise is handling wastewater and valuable side streams in the mining industry.



PALSATECH

Wide range of geoservices for the exploration and mining industry! Palsatech has developed a unique, cost-effective, and comprehensive service concept to serve the needs of exploration and mining. Our services include geological and technical mining and exploration services.



EXPLORATION

MINING

EDUCATION

BATTERY TECHNOLOGY

MINERAL PROCESSING

CLOSURE / REHABILITATION

PIKLEMA OY

Piklema Oy is a technological vendor that aims at the fast deployment of AI and predictive analytics solutions for the mining industry to improve the efficiency of technological operations and decrease CO2 emissions.



PROFIMA ACCOUNTING OY

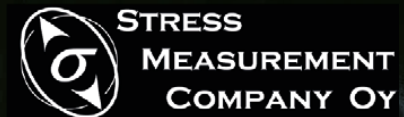
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QIDE OY

Qide Oy provides software development and website development services utilizing Central Asian developer resources and also helps Finnish companies to establish business connections in the region. We are at our strongest in web development and mobile applications, including their background systems.

**RADAI LTD**

Radai provides geophysical surveys using Unmanned Aerial Vehicles. They are specialized in exploration, field work and logging, geophysical and geotechnical measurements, geophysical and geotechnical measurements and interpretation.

**RESOURCE MINING CORPORATION LIMITED**

RMI has assets located in Finland and Tanzania targeting the critical metals necessary for the successful transformation to green energy, specifically Lithium and Nickel. We have 8 projects, including the Rousekerro Nickel Sulphide project, located in Finland with a JORC complainant resource of 42Mt Ni, containing 168kt of Ni.



Not a member yet?

Check the benefits and membership fees.
miningfinland.com/membership

RF VALVES OY

Manufacturer of heavy-duty valves for abrasive, corrosive, aggressive and plugging slurries, liquids and powders - for applications in metallurgical, minerals, pulp and paper, chemical, power generation and municipal industries. Valves we manufacture are Pinch valves, Knife gate valves, Slurry knife gate valves and Air Release valves.



ROCK PHYSICS FINLAND

Rock Physics Finland Ltd specialises in the physical properties of rocks, rock mass and building materials. We offer next-level petrophysics services from laboratory measurements to data quality control, process development and training.



Rock Physics Finland

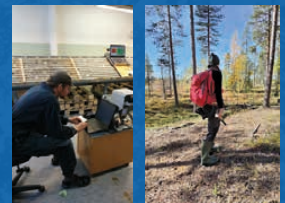


MAGNUS MINERALS
Prospect Generator

Magnus Minerals – Your partner in Finland

Magnus Minerals is a private Finnish prospect generator company focused on mineral exploration. Our team is comprised of 12 entrepreneurially-minded geoscientists with a strong understanding of Finnish geology, geophysics, mining law, and tenure-related issues. Our expertise includes industry-leading knowledge in the stratigraphy of the Central Lapland Greenstone Belt (see publication: Haverinen, J. 2020). Magnus' project portfolio includes Joint Ventures with Boliden, FQM, and other major mining companies. We also have our own early-stage development projects, some of which are in separate, private corporate vehicles, and some in publicly-listed junior mining companies e.g. FireFox Gold (TSX-V:FFOX) and Nordic Nickel (ASX:NNL). Our work is focused on exploration for base metals (e.g., nickel, copper, PGEs, and cobalt), with most of our projects located in Northern Finland. From target areas, we produce new interpretations of geology, geophysics, and prospectivity.

Magnus Minerals is continually creating new business opportunities with current and future partners. We understand that your needs are unique. Contact us, and let's create a mutually beneficial approach to make a new mineral discovery in Finland.



ROVJOK

ROVJOK digitises your mining operation. We combine and interpret operational and financial data across the entire value chain, giving you the context you need to perform advanced business and data analytics; in near real-time. ROVJOK's solutions are only possible with our world-class team.

rovjok

RUPERT RESOURCES (RUPERT FINLAND OY)

Rupert is a Finland focussed exploration and development company that is listed on the TSX Venture Exchange in Canada. The Company owns the Pahtavaara gold mine, mill, and exploration permits and concessions located in the Central Lapland Greenstone Belt in Northern Finland.

**SAMAT NORDIC**

Samat Nordic Oy, the Finnish subsidiary of the French family company Samat Group, is the leading provider of total logistics services in liquid chemicals in Finland, northern Sweden and Baltic Sea region. The company also has chemical warehouses in the ports of Hamina and Rauma in Finland.

**SAVONIA UNIVERSITY OF APPLIED SCIENCES LTD**

Savonia University of Applied Sciences Ltd is one of the largest and most versatile Universities of Applied Sciences (UASs) in Finland with diverse RDI and business activities. Savonia has developed its capacity for water safety over 20 years and is offering specialised facilities and providing practical testing and piloting services.

SAVONIA

SAVO-SOLAR OYJ

Savo-Solar manufactures the most efficient solar thermal collectors and based on those delivers large-scale solar thermal systems. Focus is on large-scale applications like district heating, industrial process heating and real estate systems - market segments with a big potential for rapid growth.



SLEIPNER FINLAND OY

Sleipner Finland is a manufacturer of a safe and innovative transport systems for tracked machines: excavators, dozers and drill rigs. Sleipner systems can increase operational time hundreds of hours per unit, decrease maintenance costs considerably and reduce CO2 emissions and fuel consumption at least 85% while travelling.



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■ **SOTKAMO SILVER OY**

■ Sotkamo Silver's business concept is to exploit mineral deposits in the Nordic countries with regards to human society and environment. Sotkamo Silver owns, through its subsidiary mineral deposits. The Company's main development project is the Silver Mine project in Finland.



■ **SWEROCK**

■ Swerock is one of the largest suppliers of materials and services in the construction and earthworks industry in the Nordic countries. Our offer includes the manufacture and sale of concrete, gravel and crushed stone as well as opencast mining in Finland.

SWEROCK

■ **TEKIR**

■ Tekir is a strategic communications and public affairs firm. We offer a full range of services and specialize in challenging strategic communications and reputation management. Tekir employs 30 communications, public affairs and business experts.



■ **TEKNOVENTURE**

We have solid experience in strategic management, corporate governance, and corporate finance, as well as a wide range of stakeholder networks in Finland and abroad. Supporting operational management in its core assignments is one of our strong areas.

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VTT is one of the leading R&D&I organisations in Europe. Our research and innovation services give our partners, both private and public, all over the world a competitive edge. We pave the way for the future by developing new smart technologies, profitable and sustainable solutions and innovation services.



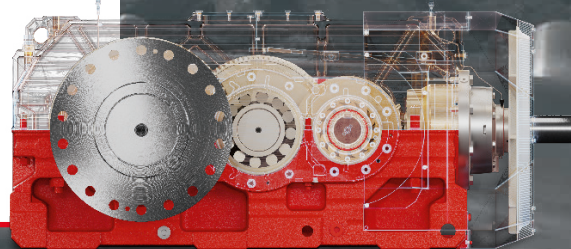
XYLEM WATER SOLUTIONS SUOMI OY

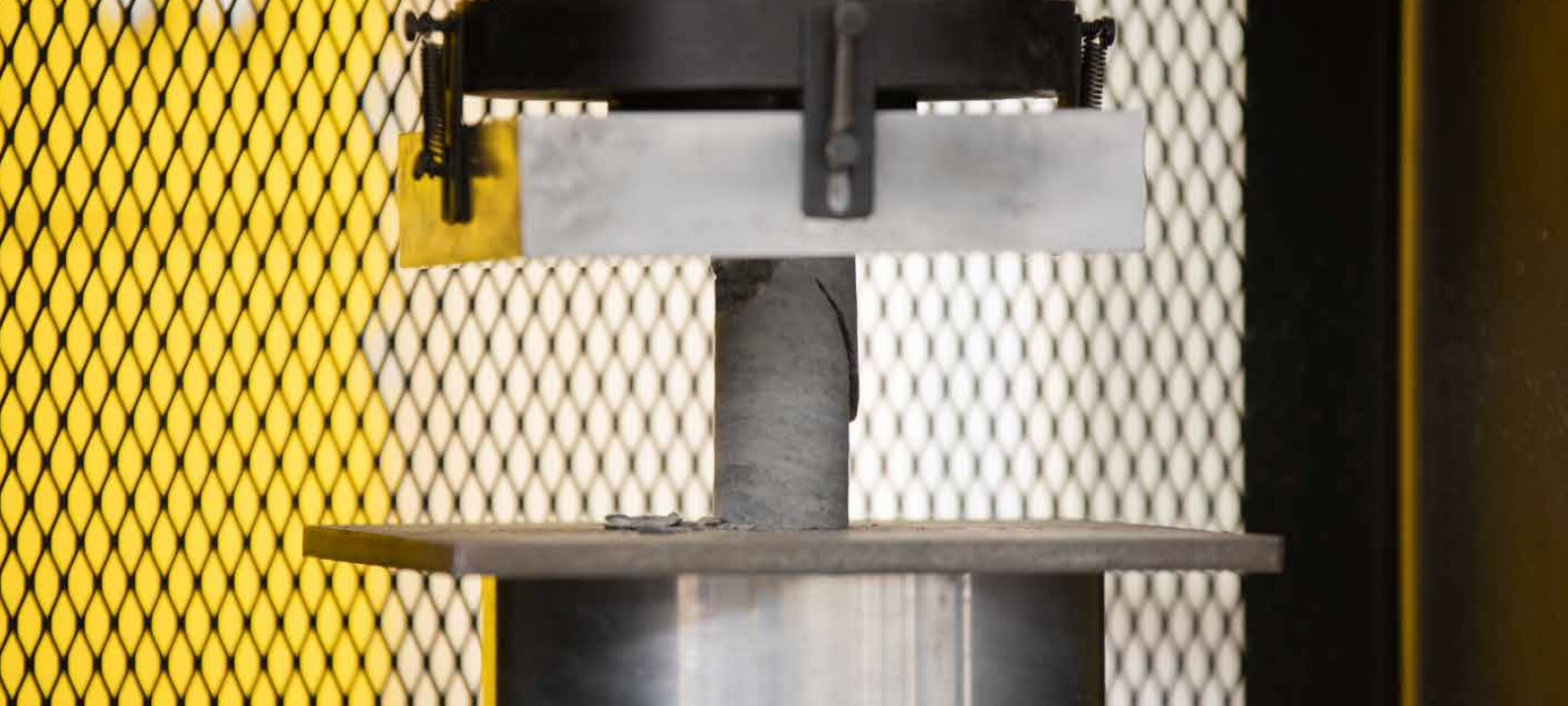
Xylem is a leading water technology company committed to “solving water” by creating innovative and smart technology solutions to meet the world’s water, wastewater and energy needs. In a world of ever-growing challenges, Xylem delivers innovative water technology solutions throughout the cycle of water. Our technological strength across the life cycle of water is second-to-none.



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Field of the future

The evolving mining industry needs new experts.

The need for metals has grown tremendously over the last decades. Recycling could and will be made even more efficient. However, even if all the metals mined so far were recycled, they would not be enough to sustain our current lifestyle. Those working in the mining industry can themselves influence the responsibility and environmental friendliness of mining operations.

Finland has a long history of mining activity. Finnish metallurgical technology, mining equipment manufacturers and service providers along with internationally significant education and research are well known throughout the international mining community.



The mining industry in Finland offers many opportunities for research, companies, investors and employees. Please contact us for more information. miningfinland.com

As the mining industry is adopting new technologies, new roles with different skillsets are required. Remote work, digitalization and flexible work arrangements are challenging the traditional ways of working and offer interesting career options. There are lots of job opportunities for skilled labour with competitive salary.



**FACULTY OF
TECHNOLOGY**
**UNIVERSITY
OF OULU**

University of Oulu

**– High-level, impactful science
and education**

Sustainable utilisation of natural resources is one of the key expertise areas in the University of Oulu. Our target is to be among the world's leading actors in research, sustainable solutions and education on how people can use technology to control climate change and promote sustainable development and wellbeing.

Oulu Mining School (OMS) aims to integrate scientific disciplines along the value chain from exploration to mining and mineral processing. In addition to providing the only mining engineering programme in Finland, OMS runs a miniscale mineral processing factory in their premises.

If you need a partner in research, education and innovation activities, explore our opportunities and come build your future with us!

Faculty of Technology – Degree programs

- › Architecture
- › Chemistry
- › Civil Engineering
- › Environmental Engineering
- › Geosciences
- › Industrial Engineering and Management
- › Mechanical Engineering
- › Mining Engineering and Minerals Processing
- › Process Engineering

Websites

- › [University of Oulu](#)
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