



Sweden – a mining technology hot-spot and with a great geological potential

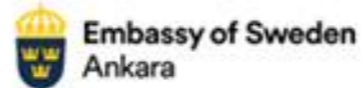
Stockholm, March 2021



BUSINESS SWEDEN PURPOSE

Help companies in Sweden to grow their international revenues and international companies to invest and expand in Sweden

Turkey kicks off first Team Sweden Mining event!



Turkish-Swedish Mining for Generations 2021

Main Webinar Thursday, February 18, 10:30-12:45



Mehmet Yilmaz
Vice President Miners
Association of Turkey
Chairman of The Board
TÜPRAG



Jenny Greberg
Program Director



Franck Boudreault
Electrification
Transformation Lead
Underground Division



Ulmas Musaliev
Principal Banker



Kevin Rebenius
CEO



Lars Eric Lindquist
Sales Manager



Markus Sjölund
CEO



BUSINESS SWEDEN

Next - Canada

WEBINAR – MINING

THE FUTURE OF MINING – WOMEN'S ROLE IN THE GREEN TRANSFORMATION



Thursday,
February 25, 2021
10:00 – 11:00 EST

Join Canadian and Swedish experts to explore the link between more sustainable mining and the role of women in the industry. The panellists will share their visions for the future of the mining sector, discussing the business case for more women in greener mining.

Speakers

- **Emil Högberg**, Swedish State Secretary, Business, Industry and Innovation
- **Shawn Tupper**, Associate Deputy Minister, Natural Resources Canada
- **Helena Hedblom**, CEO, Epiroc
- **Samantha Espley**, President, Canadian Institute of Mining, Metallurgy and Petroleum

Agenda highlights

- Opening remarks by **Ambassador Urban Ahlin**, Embassy of Sweden
- Webinar moderated by **Janice Zinck**, Director, Green Mining Innovation, Natural Resources Canada
- Speaker presentations
- Panel discussion and open Q&A

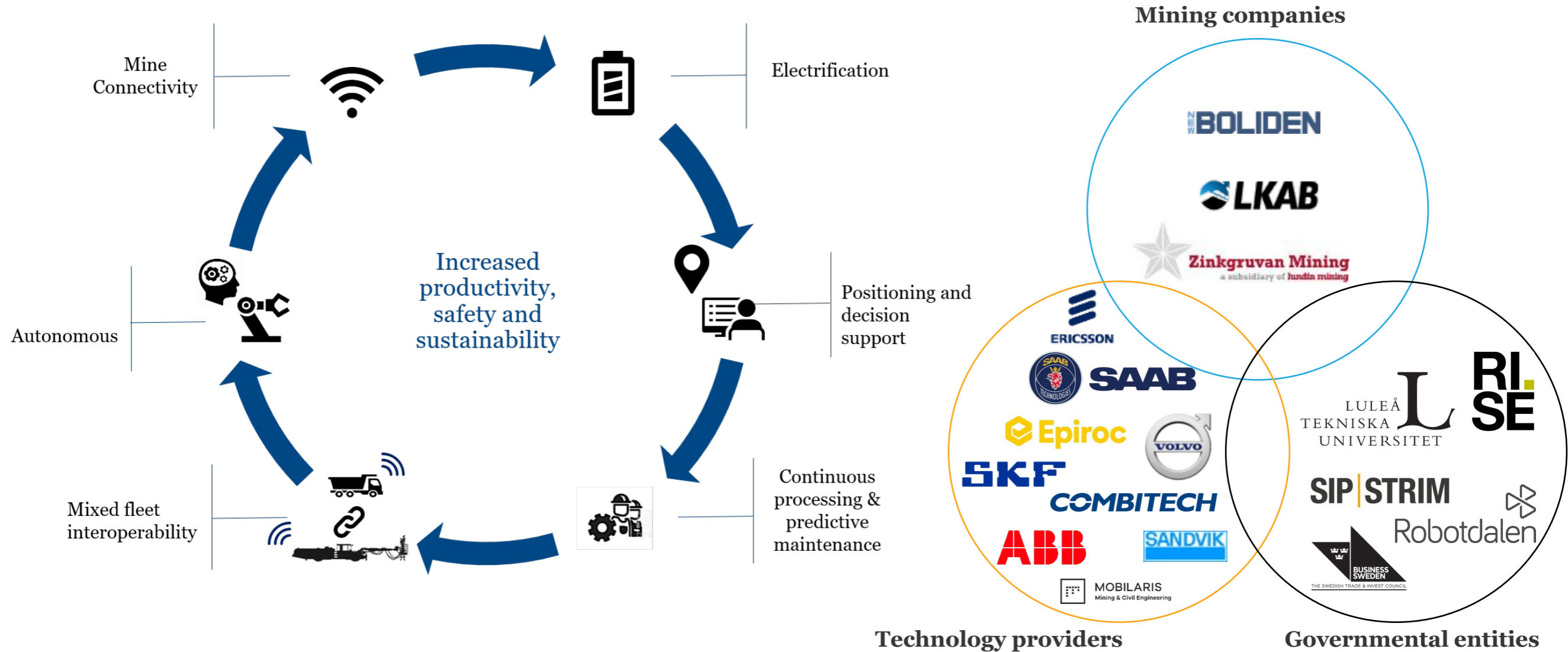


Embassy of Sweden
Ottawa

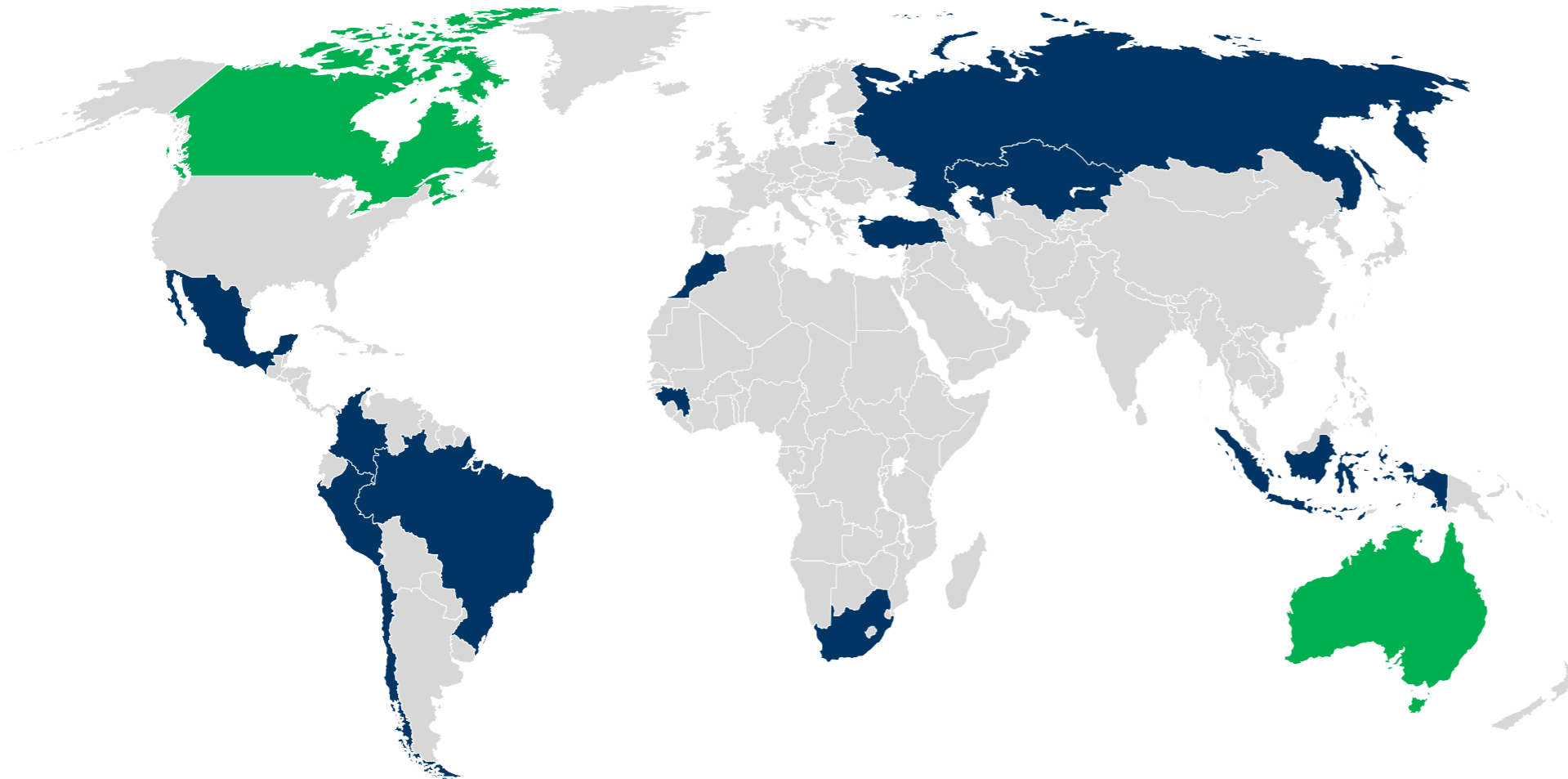


**REGISTER FOR
THE WEBINAR HERE**

The Swedish Mining Ecosystem



Business Sweden Mining promotion - geographical focus



- Trade promotion markets
- Investment & Trade promotion markets

Business Sweden typical projects



Direct engagement with mining operators to win open deals for sustainable underground mining opportunities and/or excite them for investment opportunities in Sweden



Mining policy engagement with local authorities to inspire them to create sustainable mining policies



Capacity building and community development - Additional support to local mining companies through international aid model (SIDA/NIR):



Regional B2B platforms with the aim to gather the mining industry's interests, develop the trade relations within the sector and discuss how more sustainable, safe and efficient mining can be achieved.

Nordic Mining Day in conjunction with PDAC 2021



2021 THE WORLD'S PREMIER
MINERAL EXPLORATION
& MINING CONVENTION

MARCH 8 - 11
Virtual Convention - Join from anywhere in the world!

SCHEDULE AT A GLANCE

100+ hours and 5 concurrent sessions
of unique content

PDAC 2021 CONVENTION PROGRAM

Immerse yourself in a jam-packed week
of exceptional education, world-class
speakers, cutting-edge products,
services, investment opportunities and
powerful networking. Review the
Convention Program and plan your
schedule in advance.

Digital reader

PDF format

VIRTUAL CONVENTION FAQ

CONVENTION QUICK GUIDE TOUR

We have an exciting convention planned for
you. Here are a few tips to maximize your
virtual experience.

CAUTION

Official PDAC websites include:
www.pdac.ca,
www.pdac.ca/convention,
<https://pdacvirtual.ca> and
<http://events.pdac.ca> and emails:
info@pdac.ca,
convention@pdac.ca and
pdac@pdacevents.ca. Please take
precautions to ensure that you only
visit official PDAC web pages and
use official emails.

PDAC does not share nor sell our

SHOW HOURS

Date	Time
Monday, March 8	11:00 am – 8:00 pm EST
Tuesday, March 9	11:00 am – 8:00 pm EST
Wednesday, March 10	11:00 am – 8:00 pm EST
Thursday, March 11	11:00 am – 4:00 pm EST

NOTE: All times for the virtual convention are listed
in Eastern Standard Time (EST). Please note the
platform will be available 24 hours a day. The times
noted above are the hours in which content will air.
Content will also be available on demand shortly
after it airs and for three months post show.

Nordic Mining Day

HOME | NEWS | **AGENDA** | PARTNERS AND CONTACTS |

Agenda

Agenda

Nordic Mining Day
**Critical Raw
Materials**

March 5, 2021
at 16:00–18:30 CET

Event: Nordic Mining Day 2021
Date: Friday, 5th of March 2021
Time: ET 10:00–12:30 / UTC 15:00–17:30 / CET 16:00–18:30
Venue: Online

Session 1: Critical Raw Materials: Global and Nordic perspectives

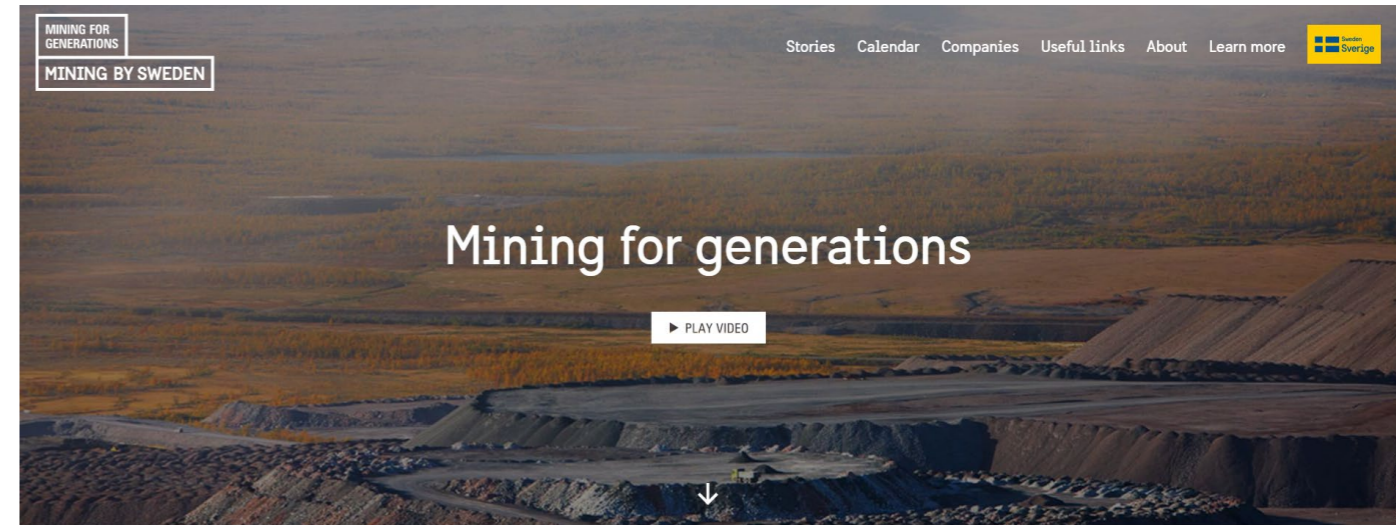
CET 16:00	Ministerial welcome from Finland, Sweden and Norway
CET 16:20	Peter Handley, European Commission: <i>EU's Critical Raw Materials</i>
Keynote speakers	Andrew Ghattas, Natural Resources Canada: <i>Canadian perspective on the criticality and need of new mineral sources</i>
CET 16:45	<i>Nordic perspectives and mineral potential update with special emphasis on the Critical Raw Materials given by Geological Surveys of Finland (GTK), Sweden (SGU) and Norway (NGU)</i>
CET 17:00	Q&A

Session 2: Nordic production, regulation update and outlook

CET 17:25 Keynote speaker	Paul Robinson, CRU Group: <i>Future trends – market outlook of Energy-critical metals (Li, Co, Ni, REE, graphite)</i>
CET 17:40	

Why minerals exploration in Sweden?

- Geological Potential
- Stable jurisdiction with a strong economy
- Well developed infrastructure
- Important mining industry with a strong tradition
- Innovation / R&D in global lead
- Strict but clear environmental legislation
- Transparent permitting processes
- “Soft-landing” services
 - Geological Data, establishment, ad-hoc



Sweden aims to contribute to the world's need for metals, with the least possible impact on people and environment. Today and tomorrow.



SGU Malå office – drillcore archive, reports, databases AND competence



Geological information for mineral exploration



Mineral statistics



Swedish mines

Mines and environmental impact

Industrial minerals

Legislation



Geophysical mapping

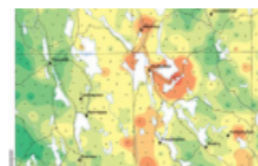
Geochemical mapping



Bedrock mapping

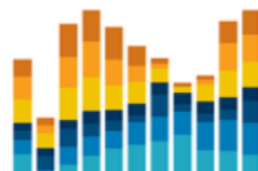
Mineral resources

Minerals have been mined in Sweden for over 1 000 years. They are important for the society and are used in our daily life. Geological information and knowledge about the assets are vital in order to use the mineral resources in a sustainable way.



> Geological information for mineral exploration

A very important part of SGU's responsibility is to survey and document the geology of Sweden – not least with a view to facilitate mineral exploration. Our information on bedrock geology, bedrock quality, Quaternary (superficial) deposits, geochemistry and geophysics provides a foundation for exploration for metal ores, industrial minerals and dimension stone.



> Mineral statistics

SGU's mission is to provide society with geological information. This includes producing statistics on how much metal, minerals and aggregates are produced in Sweden.



> Swedish mines

Sweden has a history of mining and metal refining stretching back more than a thousand years. Today, Sweden is one of the EU's leading ore and metal producers. Sweden is by far the largest iron ore producer in the EU and is also among the foremost producers of base and precious metals.

Reports

> Mining Statistics

The report Mining Statistics is published once a year and contains detailed information on Swedish ore production as well as statistics on the production of energy peat, natural stone, industrial minerals, national interests and mineral rights.



> Aggregates

The report Aggregates (Grus, sand och krossberg) is published once a year and contains a collection of statistics on the country's deliveries of gravel, sand and crushed rock.



Cooperation

> MineFacts

A collection of facts about mining, exploration and sustainability

Geological information for mineral exploration[Mineral resources information office](#)[Drill core collection](#)[Ore boulders and thin sections](#)[The Document Archives](#)[Mapping in northern Sweden](#)[Mapping in Bergslagen](#)[Mineral statistics](#)[Swedish mines](#)[Mines and environmental impact](#)[Industrial minerals](#)[Legislation](#)[Geophysical mapping](#)[Geochemical mapping](#)[Bedrock mapping](#)

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Geological information

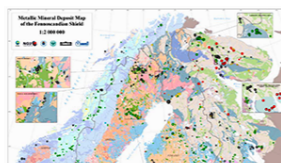
Sweden's bedrock is made up of three main components; Precambrian crystalline rocks, the remains of a younger sedimentary rock cover and the Caledonides.

[Read more about the bedrock of Sweden \(new window\)](#)

You can find more geological information by studying the different mapping services listed below.

Fennoscandian ore deposit database

Metal deposits and probable future ore discoveries in the Fennoscandian Shield are gathered in a database produced in a joint project by the geological surveys in Finland, Norway, Russia and Sweden. The database – "Fennoscandian Ore Deposit Database" – is also presented as a map including information about



Map viewers

[Map viewer Drill cores](#)

[Map viewer Ores and minerals](#)
This map viewer displays information from the SGU concerning Sweden's reserves of metals and minerals.

[Map viewer Mineral permits](#)

[Map viewer Mineral deposits of national interest](#)

[Map viewer Bedrock 1:1 million](#)

Mining Inspectorate of Sweden

[The Mining Inspectorate of Sweden](#)
The Mining Inspectorate of Sweden is responsible for issuing permits for exploration and mining. The Inspectorate is headed by the Chief Mining Inspector who decides on matters falling under the Minerals Act.

Geological information for mineral exploration[Mineral resources information office](#)[Drill core collection](#)[Ore boulders and thin sections](#)[The Document Archives](#)[Mapping in northern Sweden](#)[Mapping in Bergslagen](#)[Mineral statistics](#)[Swedish mines](#)[Mines and environmental impact](#)[Industrial minerals](#)[Legislation](#)[Geophysical mapping](#)[Geochemical mapping](#)[Bedrock mapping](#)

Mapping in Bergslagen

In spring 2017, a new multidisciplinary mapping project was started with focus on the Bergslagen Ore Province. The aim of the project is to increase our understanding of the area's bedrock and to identify its minerals and metals.

The project includes investigations of rock in outcrop, abandoned mines, waste rock and materials from previous mining operations, as well as, where available, drill cores and other materials. Geological, geophysical and geochemical observations and data are collected during the project. In addition, two governmental assignments were executed in tandem with the Bergslagen Project:

[Innovation-critical metals and minerals](#)

The demand for metals and minerals is increasing

Our demand for metals and minerals has never been greater than today. In recent

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Phone: 018-179317

District: Uppsala

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More on our website

[Critical raw material](#)

International exploration companies active in Sweden



Nordic
Iron OreTM



BEOWULF MINING



TACK SÅ MYCKET!