



SveMin

4-5 OCT | 2022 | KIRUNA

Environmental Summit

# **THE GREEN AND INNOVATIVE NORTH**

Summit Program

## Welcome to the Green & Innovative North

Sweden is in the middle of a green industrial revolution. Metals and minerals are absolutely crucial to produce the climate technologies needed to go from a fossil-dependent to a fossil-free society. That journey starts in the bedrock.

At the same time, it is obvious that what is happening in Brussels is becoming increasingly important to the Swedish mining industry. An increased presence on site in Brussels is required – for knowledge building, and to support the decision-making process so that directives and regulations contribute to the greatest possible environmental benefit from a holistic perspective which includes a safe and sustainable Europe, and a continued development for our world-leading industry.

We have given Svemin's Environmental Summit 2022 the name **The Green and Innovative North**. We want to talk about that the Swedish mining and mineral industry is not only doing just that – talk, but that we also perform.

Welcome to Svemin's Environmental Summit 2022.



Photo: Fredric Alm/LKAB

## Program Oct. 4

Session 1 | 10.00 – 11.30 | North Banquet

Coffee from 09:00

🟡 **Welcome**

Emma Härdmark, Moderator, Director Communications, Svemin

🟡 **Introduction**

Maria Sunér, CEO Svemin

🟡 **The Green & Innovative North**

Lotta Finstorp, Governor, Norrbotten County

🟡 **European Mining – A Key Enable of the Green Transition**

Jan Moström, CEO LKAB

🟡 **Quantity of metals to manufacture one generation of renewable technology to completely replace fossil fuels**

Simon Michaux, Ass. Professor, the Geological Survey of Finland, GTK

🟡 **How to Mine the Gap in the Rocky Road Ahead**

Kristina Branteryd, Director Environment, Svemin

🟡 **Extraction of Critical Minerals From Mine Waste**

David Högnelid, Chief Strategy Officer, Business Area Special Products, LKAB

🟡 **Lunch 11.30 - 12.30**

## Session 2 | 12.30 – 14.00 | North Banquet & South Banquet

### 12.30 – 12.40

#### **Gathering, info and division into smaller groups, North Banquet**

Emma Härdmark, Moderator, Director Communications, Svemin

### 12.40 – 13.40

#### **Tour and presentations, South Banquet**

Welcome over to the adjacent South Banquet, for short presentations on best practice environmental work at five of Svemin's member companies.

#### 🟡 **LKAB**

*Annika Zachrisson, Sustainability Expert*

*Liselotte Olausson, Section Manager Environment*

- Environmental innovations – a key to sustainable mining

#### 🟡 **Zinkgruvan, Lundin Mining**

*Charlotte Odenberger, Director Environment*

- Biodiversity at Zinkgruvan
- Re:Think - Increased innovation and business establishment in the region, ahead of a future closure of the mine.

#### 🟡 **Boliden Mineral**

*Anders Forsgren, Sr. Project Manager, Business Development*

*Sara Carlsén, Biodiversity Coordinator*

- Nature Positive Mining at Boliden

#### 🟡 **Talga Group**

*Astrid Häggström, Environmental Office*

*Liz Asplund, Community Liaison Coordinator*

- Environmentally sensitive design of Talga's mine site

#### 🟡 **Kaunis Iron**

*Emma Grönberg, Environmental Manager*

- Restoration of wetlands and transplanting of mosses

### 13.40 – 14.00

#### **Regroup and recap, North Banquet**

Emma Härdmark, Moderator, Director Communications, Svemin

### 14.00 – 14.25

Coffee and mingle

## Session 3 | 14.30 – 16.30 | North Banquet

◆ **EU Focus – Biodiversity**

Humberto Delgado Rosa, Director Biodiversity, DG Environment, EC

◆ **EU Focus – IED**

Toon Smets, Policy Officer, DG Environment, EC

◆ **EU Taxonomy and the Mining Industry in Short**

Kerstin Brinnen, Corporate Lawyer, LKAB

◆ **Panel discussion | How do we create sustainable value chains for metals and minerals?**

Pia Lindström, Senior Vice President Sustainability, LKAB

Lars Lundström, Chief Sustainability Officer, H2GreenSteel

Rolf Kuby, Director General, Euromines

Anders Lundkvist, Head of Environment & Sustainability, Copperstone Resources

◆ **Will you visit this landscape with your grandkids?  
Scandinavia's first geomorphic site.**

Matt Baida, Landscape Architect LAR/MSA, VAST Landscape Architecture

◆ **Summary and closing words**

Maria Sunér, CEO, Svemin

**19.00**

Dinner, North & South Banquet

## Program Oct. 5

Welcome to a morning in the field!

### General information

- 🟡 **All study visits include** a light lunch.
- 🟡 **All study visits will be back at Scandic** between approximately 11:30 and 11:40.
- 🟡 **There will be buses leaving from Scandic to Kiruna Airport at 12:45**, for those going with the flight that departs at 14:00.
- 🟡 **Do not forget to check out of the hotel in the morning**, when you leave for your study visit. There can easily be queues if everyone checks out at the same time, especially in connection with the transfer bus that leaves at 12:45 from Scandic to the airport.

### Field study visit | Biodiversity at LKAB

08:00	Introduction	The Trekker, Scandic
08:30	Short break and walk to bus	Scandic
08:45	Bus departure	Scandic
09:00	Arrival at Lombolo lakes	Lombia
09:05	Short guided walk	Lombia
09:20	Walk to Ala Lombolo	Lombia
09:30	Information	Ala Lombolo
09:45	Guided bus transfer to LKAB	Transfer
10:25	Site visit, clarification pond	LKAB
10:40	Site visit, LKAB	LKAB
11:20	Bus back to Scandic, incl. lunch	Transfer
11:45	Back at Scandic	Scandic
12:45	Bus to Kiruna Airport	Scandic

## Field study visit | LKAB's Iron Ore Mine

08:00	Bus departure	Scandic
08:45	Arrival LKAB's Visitor Center <ul style="list-style-type: none"> <li>- Safety instructions</li> <li>- Information</li> <li>- Corporate information film</li> <li>- Presentation</li> <li>- New strategy</li> <li>- Production process</li> <li>- Urban transformation</li> </ul>	Visitor Center
10:30	Light lunch	Café, Visitor Center
11:00	Transfer back to Scandic	Visitor Center
12:45	Bus to Kiruna Airport	Scandic

## Field study visit | The Transformation of Kiruna City Center

08:00	Information	The Hiker, Scandic
09:00	Guided tour	Scandic / Surrounding Area
10:30	Lunch	Outside or bus
11:00	Back at Scandic	Scandic
12:45	Bus to Kiruna Airport	Scandic



Photo: Fredric Alm/LKAB

## Session 2

I did not know that!

Write down something you didn't know before you visited the stations during Session 2. It doesn't have to be much (and we won't quiz you... maybe) - just something new you learned while listening to the different presentations.

### **LKAB** | Environmental innovations – a key to sustainable mining

I didn't know that \_\_\_\_\_  
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**Zinkgruvan, Lundin Mining** | Biodiversity at Zinkgruvan, Re:Think - Increased innovation and business establishment in the region, ahead of a future closure of the mine.

I didn't know that \_\_\_\_\_  
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### **Boliden** | Nature Positive Mining at Boliden

I didn't know that \_\_\_\_\_  
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### **Kaunis Iron** | Restoration of wetlands and transplanting of mosses

I didn't know that \_\_\_\_\_  
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**Talga Group** | Environmentally sensitive design of Talga's mine site

I didn't know that \_\_\_\_\_  
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