



Swedish Metals & Minerals

impact innovation

SMART-MINE:

Swedish Metals & Minerals – Social Innovation

21 May 2026

Agenda

- 1 Why SMART-MINE?
- 2 Goal and purpose
- 3 What we've done
- 4 Where we're going

Why SMART-MINE?

Smart Mining with Augmented Reality for Training and Maintenance

Implementation and New-tech Enablement

Collaboration
LTU, Epiroc, Boliden





NETWORK



AUTONOMOUS
HAULING



DATA ANALYTICS



DATA ANALYTICS

Goal and purpose

SMART-MINE will integrate advanced AR technology to ensure successful implementation and adoption.



What we've done?

1. Two workshops

1. Garpenberg
2. Boliden

2. Report:

1. State of the Art analysis of AR tools

3. Paper:

1. Challenges and strategies associated with recruiting, training, and retaining mining maintenance workers

4. Conference AHFES 2025



Where we're going?

- Find a hardware solution
- Interview Mechanics
- Develop personas for Epiroc
- AR Solution Development



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