Augmented rock mechanics reality in underground mining

Presenter Andreas Eitzenberger, Luleå University of Technology

Project leader Andreas Eitzenberger, Luleå University of Technology

Partners Luleå University of Technology, Itasca Consultants AB

SWEDISH MINING INNOVATION



Program Day 2023

Med stöd från



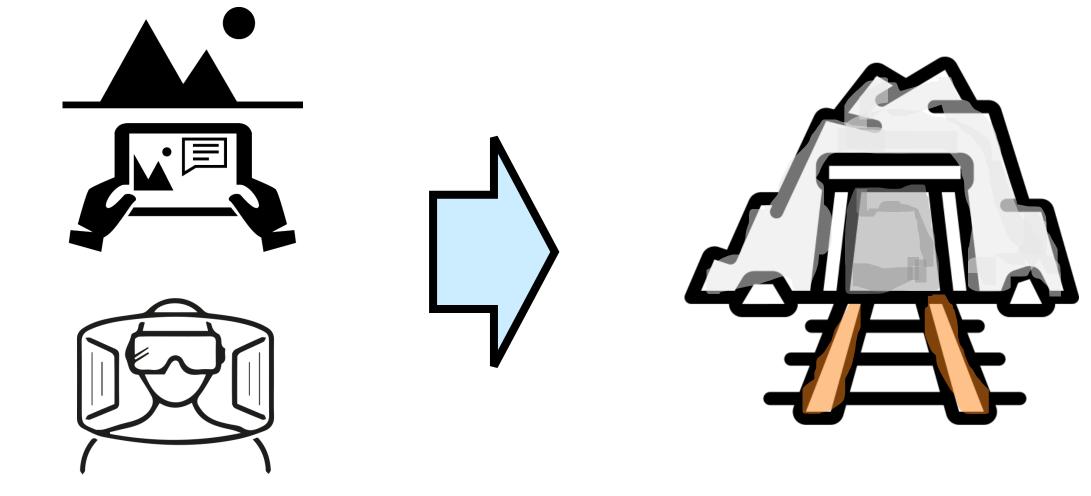


Energimyndigheten FORMAS



Strategiska innovations

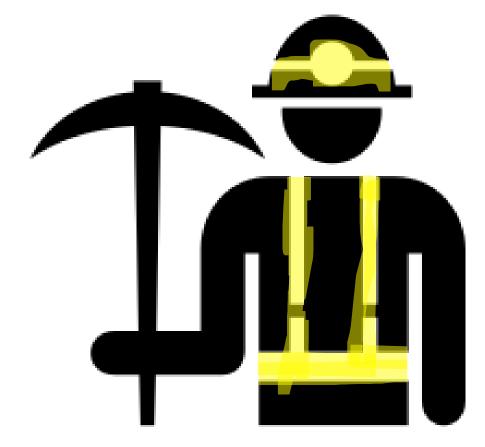
Goals of the project





swedish MINING

INNOVATION



Med stöd från



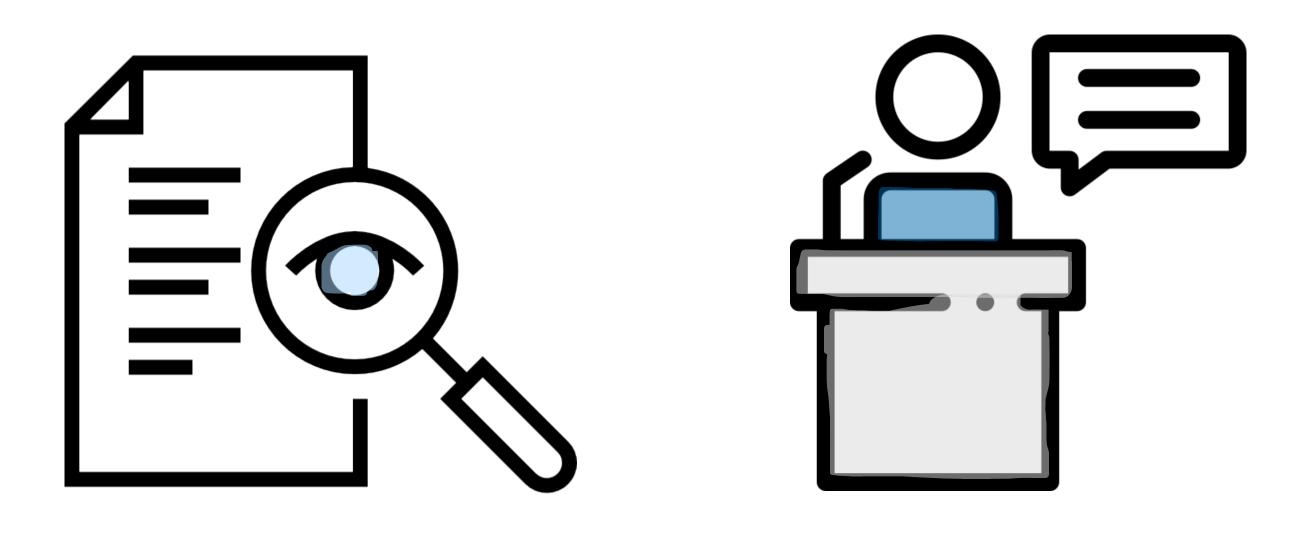


Energimyndigheten FORMAS



Project Plan







swedish MINING

INNOVATION



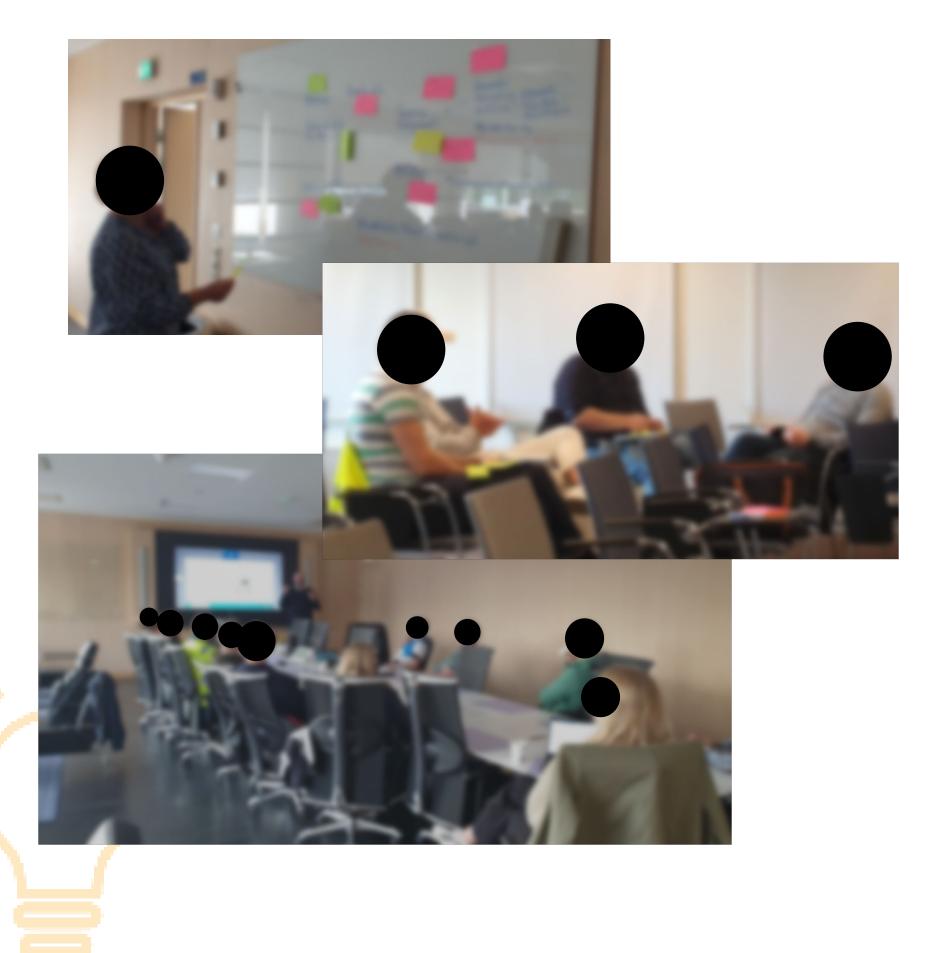






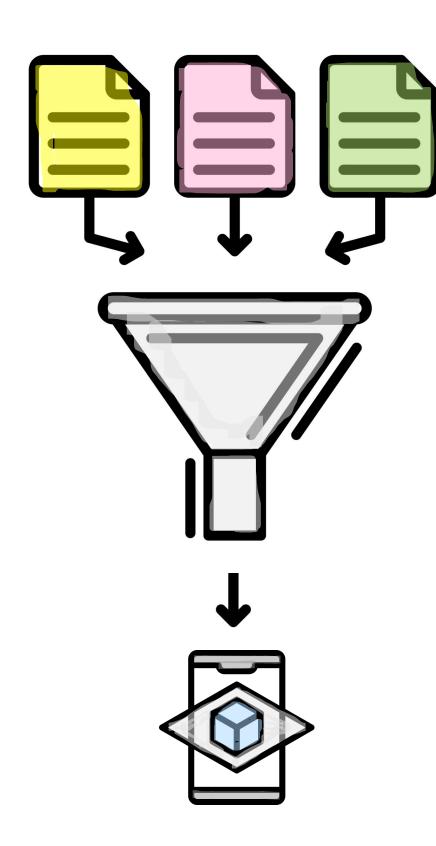


Project results so far



swedish MINING

INNOVATION





Med stöd från





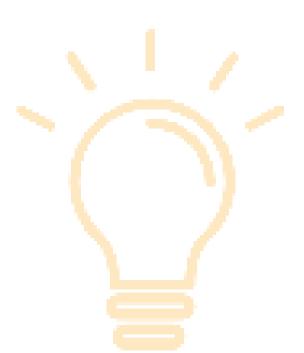




Dissemination







SWEDISH MINING INNOVATION

Med stöd från



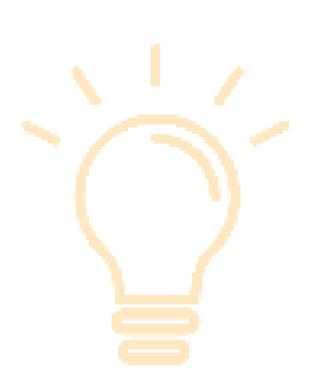






Next Steps

- full-scale tests
- Requires collaboration between several areas of expertise:
 - Rock mechanics
 - UX-developer
 - Programmers
 - Networking and telecommunication company
 - Mining company
 - Numerical software developer



SWEDISH MINING INNOVATION

Full-scale project to develop the AR-technology for underground use and perform

Med stöd från







Mining innovation for a sustainable future

SWEDISH MINING INNOVATION

Med stöd från





