

knowledge and innovation  
for 21<sup>st</sup> century exploration of critical raw materials



## 12 CORE PARTNERS

Four universities, three mining companies, four tech and solution providers, and one regional business developer. Diversed skills incl. economic & structural geology, geophysics, tech, nano, robotics, data analytics, drilling, ESG and SDG



## 4 WORLD-CLASS THEMATIC HUBS

For emerging needs of critical raw materials exploration in Sweden, Nordic region and beyond



## 4 VALIDATION SITES

Primary focus on Sweden and Nordic region for iron-oxide-apatite REEs, P & Sn deposits, incl. secondary resources, Li-pegmatite, carbonatite (REE-enriched), magmatic Ni-Cu-PGEs, graphite, blackshale-enriched V, Bi, Ge, P & Co



SMART EXPLORATION RESEARCH CENTER  
HAS RECEIVED FUNDING FROM THE SWEDISH  
FOUNDATION FOR STRATEGIC RESEARCH (SSF)  
AGREEMENT NO. CMM22-0003



[linkedin.com/company/smartexploration](https://www.linkedin.com/company/smartexploration)

SGU

Sveriges geologiska undersökning  
Geological Survey of Sweden



BHP



AngloAmerican

MERC

CENTER SUPPORTERS

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# CRITICAL TO OUR CRITICAL RAW MATERIALS



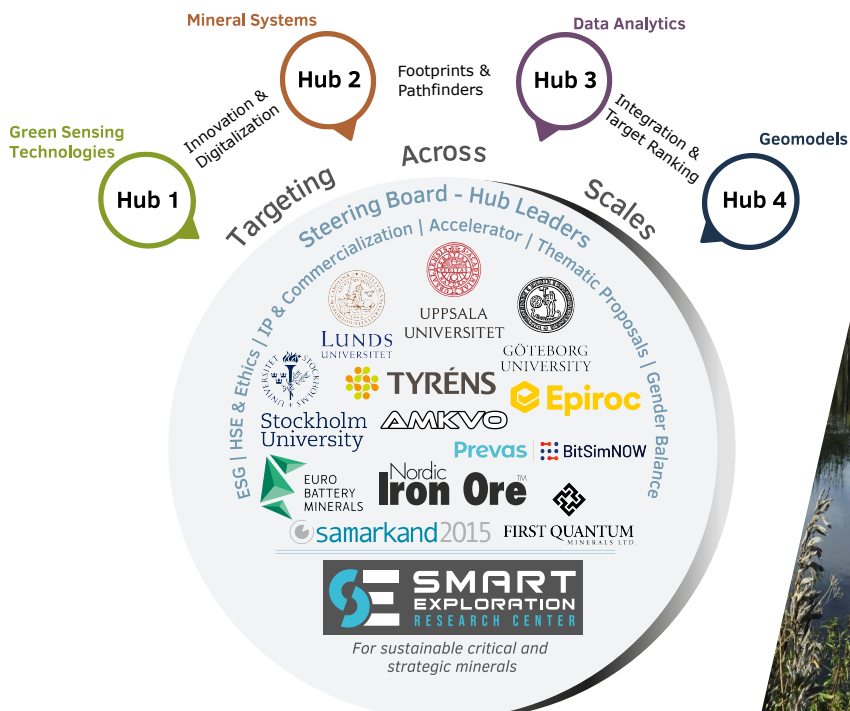
The centre focuses on bridging knowledge gaps by developing new technologies and scientific methods for innovative critical raw materials exploration.

It serves Sweden with new exploration solutions to become a global centre providing high-quality science and research, attracting mining companies and young professionals.

It aims to provide Sweden with cutting-edge exploration solutions while establishing itself as a global hub for high-quality scientific research, attracting both mining companies and young professionals.

The centre plans to facilitate further research and development activities through thematic proposals with its partners and supporting companies.

## CENTER STRUCTURE



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The Smart Exploration Research Centre, based at Uppsala University and supported by three other universities (Göteborg University, Lund University and Stockholm University), three mining companies (Nordic Iron Ore, Inmet Mining Sweden, Eurobattery Minerals), four technology and solution providers (Amkvo, BitSimNow, Epiroc and Tyréns), and one municipality-related entity (Samarkand2015) addresses knowledge gaps by developing new science and technologies for innovative exploration of critical raw materials