SIP | STRIM

Strategic Innovation Programme for the Swedish Mining and Metal Producing Industry
Strategic Innovation Agenda 2013 updated 2016 (Roadmap 2030)
Roadmap Areas

- Exploration
- Resource Characterisation
- Mining
- Mineral Processing
- Metallurgy and Recycling
- Reclamation and Environmental Performance
- Attractive Workplaces
- Gender and Diversity in Mining
- Social License to Operate
BEYOND VISION 2030

No critical metals
Fully automated mining operation
Zero waste
Closed secondary material loop
Zero fatalities and severe accidents

VISION 2030

Fully integrated resource characterisation
No human exposure at the production face
No harmful emissions
No accidents
Improved resource efficiency
Waste into products
Minimised climate impact
Attractive and gender equal work places

> 30% increased resource base
> 30% reduction of ore losses
> 30% energy reduction
> 30% increase of resource efficiency
> 30% less waste
> 30% increase of by-products from ore and waste
> 30% increase in recycled carbon sources

Sweden is a role model for social, economic and environmentally sustainable mining and metal production
Industry and societal need → Research & Innovation strategy → Need driven basic research & applied research

European programmes
Nordic programmes
National programmes
SMEs

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ABB
LKAB
Boliden
Lundin Mining

SVE Min Bergforsk
Rise
Swerea MEFOS

Sveval
Bergfors

SGU
Rock Tech Centre

RTCA

VINNOVA
Energimyndigheten
Formas
Strategiska Innovationsprogram
Some activities within SIP STRIM

6 Open calls so far
51 Projects
Yearly Idea Competition
Leverage calls
Thematic seminars and workshop
National Graduate School
Strategic Innovation Programme for the Swedish Mining and Metal Producing Industry

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