

Metals4U

Mining and metals in the transition to a sustainable society
– an exhibition about current facts and figures

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Partners

Georange, Lovisagruvan, LRF, SGU, Teknikens Hus

Project duration

2020-03-01 – 2020-08-31

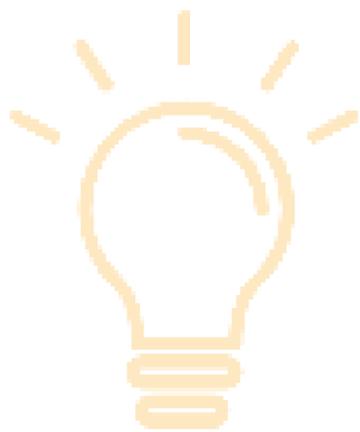


Goals of the project

- Overall aim of Metals4U was to find new ways of communicating mining and its premises to children and teenagers.

To increase awareness and knowledge about mining, permits, land use and how we can use our natural resources in a sustainable way.

To bridge the gap between our consumption, the everyday products that we use and understanding of the impacts from mining.



Results so far

Attitude and knowledge survey on mineral and metal extraction...

150 pupils age 11 and 14 in Luleå, Skellefteå, and Örebro

Results so far

Attitude and knowledge about mining and extraction...

150 pupils

Association tjej (mest valda): Metaller - industri - miljöförstöring - maskin

Association kille (mest valda): Metaller - maskin - naturresurs - miljöförstöring

Association tjej (minst valda): Förnybar energi - kvinna - klimatnytta - vindkraftverk

Association kille (minst valda): Klimatnytta - robot - kvinna - vindkraftverk

Results so far

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Fruitful discussions...

The composition of the project group was directly decisive for the project's development, as it spanned over several different areas in terms of expertise, and in relation to extraction of metals and minerals linked to other issues, such as land use.

Resulting in...

A description of how information material about mines, metals and minerals should be designed and made available to be interesting, fascinating and accessible for all children and teenagers [in Sweden].

Upcoming activities and next step

The project consortia is planning for a full-scale innovation project within the SIP-STRIM 2020 call.

Why...

The importance of future generations interest and ability to solve tomorrow's sustainable supply of materials for green energy capable of combatting climate change, and for safe and efficient extraction of metals and minerals with concern taken to environment, reclamation and land use.

What...

Create environments that describe the mineral industry, the breadth of the industry and the connection to our everyday lives.

How...

Works of art that have a local connection to mining, to create a stronger understanding of metals and minerals that we use and depend on.

Digital educational tools, as a complement to the works of art and as stand-alone education units, made available via a learning platform, web based and accessible for schools.



Upcoming activities and next step

Below: Blue Marble, art work by Veronika Geiger, just after its installation in Norrbyparken, Örebro.



Above: Interactive mining map that will be used as start screen for the web based learning platform with educational tools. The map holds information about products, how and where the metals in them are produced and how they affect the environment and export.

Mining innovation for a sustainable future