

2012

2016

## How to apply?

The two principal themes of the Green Mining programme are new mineral resources and intelligent, minimum-impact mining.

The programme is intended not only for mineral sector actors but also for technology industry companies and service providers supporting them. Both companies and research institutes are eligible for funding under the programme.

Large companies will in particular be expected to set up network projects that encourage SMEs to develop their activities.

In research projects, cooperation with leading foreign units will be particularly appreciated.



### Tekes, the Finnish Funding Agency for Technology and Innovation

Tekes is the main public funding organisation for research and development (R&D) in Finland. Tekes funds industrial projects as well as projects in research organisations, and especially promotes innovative, risk-intensive projects. Tekes offers partners from abroad a gateway to the key technology players in Finland.

### Tekes programmes – part of the innovation chain

Tekes programmes are an essential part of the Finnish innovation system. These programmes have proved to be an effective form of cooperation and networking for companies, universities and research institutes for developing innovative products, processes and services. Tekes programmes boost development in specific sectors of technology or industry, and the results of the research work are passed on to business systematically. The programmes also serve as excellent frameworks for international R&D cooperation.

For more information, visit

[www.tekes.fi/programmes/GreenMining](http://www.tekes.fi/programmes/GreenMining)

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Intelligent and minimum-impact mines

# Green Mining

Tekes Programme 2011-2016



2000

**Metal ore production in Finland**

**4 million tons**

2004

# For sustainable growth

2008

2012

**Green Mining programme**

2016

2020

**70 million tons**

**“Finland has significant deposits of critical minerals and considerable potential for discovery of new resources”**

**Mining Vision 2020**

**The Fennoscandian bedrock can be compared to the mineral rich areas of Canada, Australia and South Africa**

The mining industry is growing in importance, both in Finland and globally. This growth offers Finnish companies an opportunity to become pioneers of sustainable mineral industry. Green Mining combines an industrial production process with ecological operating practices.

The objective is to minimise adverse impacts through compliance with environmentally and socially sustainable objectives in the entire cycle of extraction and beneficiation process and to ensure alternative land uses following mine closure. Green Mining represents an active effort to find improved working methods and operating practices.



### Programme objectives:

- Making Finland a global leader of sustainable mineral industry by 2020
- Creating new business that requires specialised expertise alongside traditional mining
- Increasing the number of SMEs targeting the export market in the mineral cluster
- Achieving global leader status for research in selected sectors

### The programme offers:

- Funding for projects in the programme's topic area
- Networking events
- Regional road shows
- Trips to promote international cooperation

### Projected outcomes:

- The number and turnover of mines will go up
- The strong market shares of global machinery and equipment manufacturers and service providers will increase further
- New, export-oriented environmental know-how will be generated
- New, export-oriented service know-how will be generated
- New business concepts will be created for a growing sector