

Natural resources of Finland & Vaala



**VAALAN
LUKIO**



Nordplus

Water as a resource

- Vaala has Jylhämä and Nuojua hydropower plants.
- Groundwater is highly valued resource in Finland and water quality of the country was reported to be the best in the entire world in 2003 by UNESCO.
- It is estimated that in every groundwater zone in Finland over 5 million cubic meters of groundwater is produced daily.
- In Finland hydropower covers approximately about 20% of the country's electricity production and over a third of Finland's renewable energy is generated by hydropower.



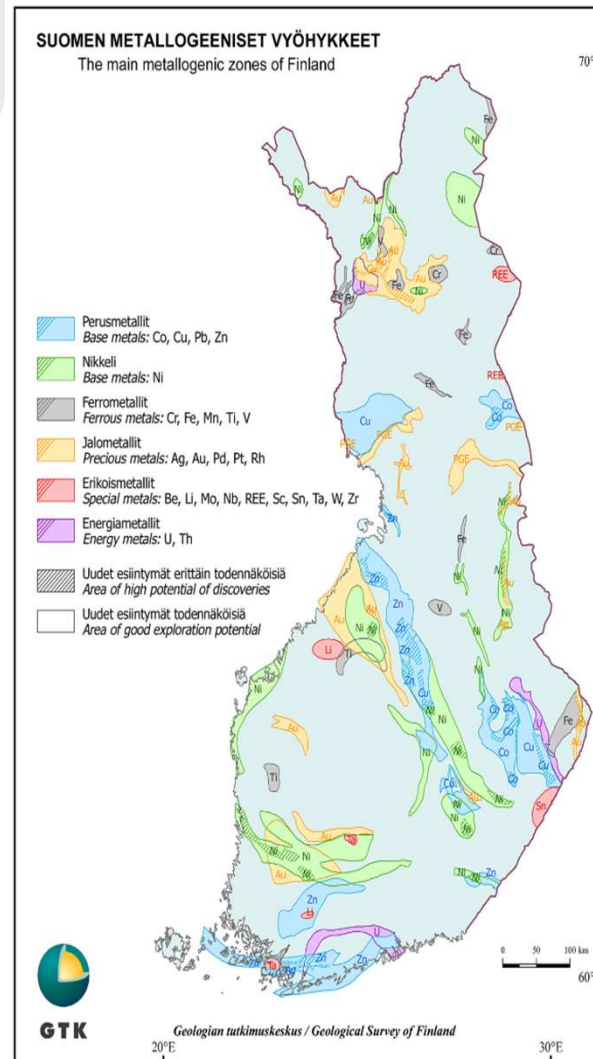
Forests

- Finland's area is covered 75% of forest.
- More than 20 000 species live in finnish forest.
- 18% of Finlands gross domestic product comes from forests.
- The pulp and paper industry is a fundamental part of finnish wood industry.



Minerals

- The most common ores in Finland are calcite, dolomite and apatite
- Finland is very metal rich country
- Finland is the largest producer of gold, platinum and palladium in the EU
- There are also other metals, like silver and cobalt
- There are 43 mines in Finland



KAIVOKSET SUOMESSA 2024

Kaivos, toiminnassa

- Metallimalmi
- Teollisuusmineraali

Kaivos, uudelleen avaaminen suunnitteilla

- Metallimalmi

ARVOINEET

- Ag – hopea
- Au – kulta
- Co – koboltti
- Cr – kromi
- Cu – kupari
- Li – litium
- Ni – nikkeli
- Pb – lyijy
- Pd – palladium
- Pt – platina
- Zn – sinkki

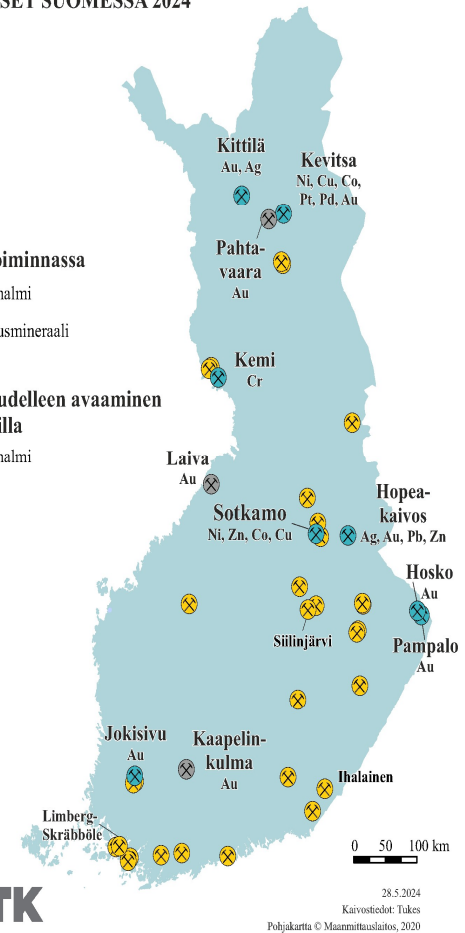


Image sources

- <https://www.luontoon.fi/fi/kohteet/rokuan-kansallispuisto/luonto>
- https://commons.wikimedia.org/wiki/File:Jylh%C3%A4m%C3%A4n_voimalaitos.jpg
- <https://kaiva.fi/geologia/mineraalivarannot/>