

Supply Risks for Rare Metals

Risk of shortage

Financial risks

Geopolitical risks

Is the world's supply of rare metals threatened?

Close-up

Rare metal resources

are spread out across the entire planet

beryllium

niobium

platinum

tantalum

Do you know which country has the most rare metals?

No. 1 China

47% of global resources

90% of global production

Why?

Low labor costs

Lenient environmental regulations

But: Fast increase in demand

3 major risks

Risk of shortage

Not enough production

= Holds back advances in technology

Solutions / Reduce usage / Recycle products / Develop alternatives

Financial risks

Since rare metal prices fluctuate greatly

they have a strong impact on investments in mining projects

Increase in prices = more investments in new projects

Decrease in prices = positive impact for industries that use the metals

but fewer investments in mining projects

Geopolitical risks

66% of cobalt, a metal used in batteries,

is produced in the Democratic Republic of the Congo

The country struggles with recurring ethnic conflict

Global superpowers are therefore very active in the DRC

to ensure their access

to such strategic raw materials

To sum up

3 major risks as demand soars

Risk of shortage: we need to reduce, recycle AND replace

- Financial risks: fluctuations can be good for investors or industries, but never both

Geopolitical risks: rare metals make some countries very influential but others very vulnerable