

Cobalt is one of the raw materials for the green revolution



Formerly used as a dye, cobalt is now a valuable raw material in the field of lithium-ion batteries.

The metal's properties are not only valued in rechargeable batteries, but they also provide strength in superalloys, coatings or cutting tools. Cobalt has the ability to withstand high temperatures. It helps to avoid possible fires in the batteries, and it increases the lifetime of the batteries. It also solves problems related to corrosion and cell pressure. As not only the number of electric vehicles increases, but also other electronic products that contain rechargeable batteries, the demand for cobalt will continue to grow.

Cobalt mostly comes from Congo, a not-so-easy country in terms of sustainability and mining. In 2021, the country was responsible for around 71 percent of global production. Other producing countries are Australia or Canada, although these countries only contribute a few percent to global production. Cobalt is often a by-product of copper and nickel mining. Since cobalt is an indispensable raw material for electric cars and for technology companies, which is increasingly needed, the interest of the investment community has also risen sharply. Climate neutrality just doesn't work without substances like cobalt.

As a result, many industries expect demand to continue to rise. Innovative projects around the world need strategic raw materials just like cobalt. The phase when the metal was used for painting and decorating is definitely over. The extraction of cobalt is not easy and therefore expensive.

Cobalt and also nickel is held, for example, by the **Canada Nickel Company** in Ontario at its Crawford project. Carbon capture and storage will be a particular component of the project.

In Finland, in addition to gold, there is also cobalt in the ground at **Mawson Gold's** - <https://www.youtube.com/watch?v=0UQ75RKh1zY> - Rajapalot project.

Current corporate information and press releases from Mawson Gold (- <https://www.resource-capital.ch/en/companies/mawson-gold-ltd/> -) and Canada Nickel Company (- <https://www.resource-capital.ch/en/companies/canada-nickel-company-inc/> -).

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