Copper and nickel for the energy transition



Batteries need copper and nickel; electric cars need lithium and cobalt.

The demand for metals is growing, while at the same time resources worldwide are becoming scarcer. In the case of nickel, inventories have fallen significantly. The London Metal Exchange is now planning to counteract this with an action plan to strengthen nickel trading. Other forms of nickel, such as coarse nickel powder, are to be allowed to be deposited. In addition, a trading center for nickel intermediates such as nickel sulfate is to be created. The world's most important nickel producer is Indonesia, which now accounts for 48 percent of the world's nickel supply (38 percent last year). Yet Indonesia faces the challenge of making its production more sustainable. In the Philippines, also an important nickel-producing country, production has fallen by around 15 percent compared with the previous year.

In copper, mine production was weak at the beginning of 2023 in the second most important country, Peru. This was because political squabbles caused traffic obstructions, resulting in copper production that was 20 percent lower than in the previous year. Most copper comes from Chile. Estimates suggest that in around three years, demand for cobalt will increase by 70 percent. Congo still has by far the largest cobalt reserves, a difficult place in terms of politics and mining. So it's no wonder that the topic of raw materials from the deep sea always comes up. After all, manganese nodules there contain substances that manufacturers of electric vehicles need. Today, companies like the Canada Nickel Company or Hannan Metals are taking care of the raw materials they need.

CanadaNickelCompany's-https://www.commodity-tv.com/ondemand/companies/profil/canada-nickel-company-inc/-Crawford project inOntario has nickel and cobalt.

HannanMetals-https://www.commodity-tv.com/ondemand/companies/profil/hannan-metals-ltd/-ownsthe promisingSanMartin copper-silver project in Peru. Other projects with copper, gold, silver and zincare part of the portfolio.San

Current corporate information and press releases from Hannan Metals (-<u>https://www.resource-capital.ch/en/companies/hannan-metals-ltd/</u> -) and Canada Nickel Company (- <u>https://www.resource-capital.ch/en/companies/canada-nickel-company-inc/</u>-).

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