

Energy transition and raw materials



The megatrend energy transition will have a massive impact on the demand for raw materials.

To achieve climate neutrality, decarbonization (reduction of carbon dioxide emissions) is one of the most important issues. Low-carbon energy sources are in demand especially in the areas of transport, power generation and industry. In this context, sustainability is a principle of action that is necessary for the chance of growth, competitiveness and future viability. This challenge is a major task for both states and companies. All this requires an increasing use of certain raw materials. Renewable energy sources such as solar power, wind power, hydropower and biomass are being pushed. Vehicles powered by batteries or hydrogen require raw materials such as lithium, cobalt or copper.

Solar capacity is forecast to increase twenty-fold by 2050, and wind power is expected to increase eleven-fold. Electricity generation is expected to increase two and a half times, with around 90 percent coming from renewables. It is calculated that 70 percent of this will come from wind power and solar energy. The remainder will come primarily from nuclear energy. The European Commission has launched the REPowerEU strategy to massively accelerate the transition to clean energy. Important in this context are the lithium-ion batteries and the associated new technologies.

This is where **Li-Metal** - <https://www.youtube.com/watch?v=BIUq75ZIZmU> - is making a name for itself, as the company manufactures high-performance batteries of the future. Li-Metal has an anode production facility in New York and a metal production facility in Ontario.

Nuclear power is involved in electricity production, so uranium companies such as **Iso Energy** - <https://www.youtube.com/watch?v=SWBW0Ulhk3Y> -. With promising uranium projects in the Athabasca Basin in Saskatchewan and excellent management, the company is well positioned.

Current company information and press releases from Li-Metal (- <https://www.resource-capital.ch/en/companies/li-metal-corp/> -) and Iso Energy (- <https://www.resource-capital.ch/en/companies/iso-energy-ltd/> -).

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