

Uranium – the critical metal



Uranium is of strategic importance because many countries are dependent on uranium imports.

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Dependencies on uranium supplies and the fact that deposits are sometimes located in geopolitically unstable regions make uranium a metal of great importance. The US has declared uranium a critical metal. Countries where nuclear power accounts for a large share of total electricity generation are particularly focused on uranium supplies. This applies, for example, to France, the US, Russia, and many countries in Eastern Europe. Uranium currently ranks fourth as an energy source after coal, gas, and water. It should not be forgotten that data centers, which are springing up like mushrooms, are driving up electricity demand.

The role of nuclear power in the energy transition is extremely important. At COP 30, Senegal pointed out that although the country accounts for a very small proportion of global emissions, it suffers from droughts and coastal erosion caused by climate change. At COP 30, Senegal and Rwanda joined the declaration to support a global tripling of nuclear power by 2050.

Incidentally, uranium for nuclear power plants is used in a different form than it is for nuclear weapons. Most of the world's uranium is uranium-238. However, this form of uranium cannot trigger a nuclear fission reaction. Uranium-235 is capable of doing so,

but accounts for only about one percent of global uranium. This is where uranium enrichment comes in, an area in which Russia dominates. Investors who want to participate in the upswing of nuclear energy can take a liking to uranium companies.

Premier American Uranium - <https://www.commodity-tv.com/ondemand/companies/profil/premier-american-uranium-inc/> - has uranium projects in five excellent regions in the US. With its extensive land holdings, the company is ideally positioned.

IsoEnergy - <https://www.commodity-tv.com/ondemand/companies/profil/isoenergy-ltd/> - is considered a uranium producer that could go into production in the near future and has high-grade uranium properties in Saskatchewan. Other uranium projects are located in Australia, Argentina, and the US. The Larocque East project in the Athabasca Basin in Saskatchewan is particularly high-grade.

Current company information and press releases from Premier American Uranium (- <https://www.resource-capital.ch/en/companies/premier-american-uranium-corp/> -) and IsoEnergy (- <https://www.resource-capital.ch/en/companies/iso-energy-ltd/> -).

Source:

<https://www.iaea.org/newscenter/news/what-is-nuclear-energy-the-science-of-nuclear-power>

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