

From fossil fuels to clean energy - with uranium



The Paris climate targets are not easy to achieve. More renewable energy is needed, including nuclear power.

According to estimates by the International Energy Agency (IEA), two things are required. Firstly, further efforts are needed in the area of renewable energies, namely a tripling. And secondly, energy production must be doubled. Net-zero emissions can only be achieved by 2050 if nuclear power is also used. Many nations are aware of this, as can be seen from the number of nuclear power plants currently under construction or planned. The IEA forecasts that by 2030, around 80 percent can be covered by additional capacities for solar and wind energy.

Nuclear power, hydropower, hydrogen and battery storage are important for the remaining 20 percent. Energy efficiency is also an important aspect. This includes electrification and improvements in the construction sector for heating, cooling, insulation and lighting. Solar and wind energy are subject to fluctuations, while nuclear energy provides a reliable supply of energy. Particularly in the industrial sector, nuclear power, together with batteries, could ensure the integration of variable renewable energies.

The Atomic Energy Alliance recently held its first meeting at the Atomium on the exhibition grounds in Brussels. 37 countries were represented. More than 30 governments announced their intention to triple the expansion of nuclear energy by 2050. This summit is intended to strengthen nuclear power in the EU and in the global energy mix. The renewed acceptance of nuclear power has made uranium a commodity with an excellent performance in 2023. This is because uranium is scarce and an imbalance between supply and demand leads to higher prices. The price of uranium rose by around 89% last year. Uranium companies such as IsoEnergy and American Future Fuel are also benefiting from this.

IsoEnergy's - <https://www.commodity-tv.com/ondemand/companies/profil/isoenergy-ltd/> - uranium projects are located in the famous Athabasca Basin in Saskatchewan.

American Future Fuel's - <https://www.commodity-tv.com/ondemand/companies/profil/american-future-fuel-corp/> - Cebolleta uranium project is also located in an area rich in uranium, namely the Grants Mineral Belt in the USA.

Current company information and press releases from IsoEnergy (- <https://www.resource-capital.ch/en/companies/iso-energy-ltd/> -) and American Future Fuel (- <https://www.resource-capital.ch/en/companies/american-future-fuel-corp/> -).

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