

What percentage of Finland's energy supply is based on fossil fuels?

In 2021, fossil fuels covered 36% of Finland's total energy supply (TES), the second-lowest share among IEA countries and much lower than the IEA average of 70%. Finland has no domestic fossil fuel production and all supplies of crude oil, natural gas and coal are imported.

Does Finland rely on fossil fuels?

Thanks to its nuclear reactors and large domestic production of renewable energy (mainly forestry solid biomass as well as generation from hydro and wind), Finland has one of the lowest levels of reliance on fossil fuels among IEA member countries.

Does Finland use natural gas?

Natural gas plays a small role in Finland (6.4% of TES in 2021) compared to the IEA average of 24%. However, natural gas is a key fuel for some parts of heavy industry.

Is Finland a good place to buy a battery?

The government sees critical mineral mining and processing and the battery supply chain as promising areas for delivering strong economic returns while supporting a secure energy transition. Finland has large deposits of cobalt, nickel, lithium, graphite and other critical minerals and is already a major producer of several of these materials.

Does Finland have a nuclear waste disposal facility?

The Onkalo nuclear waste disposal facility, under construction near the Olkiluoto nuclear power plant, is expected to start operating in 2025 and will be the world's first permanent geological disposal facility for spent nuclear fuel and high-level radioactive waste. Finland does not have any uranium mining or nuclear fuel enrichment facilities.

A huge sand battery is set to slash the carbon emissions of a Finnish town. The industrial-scale storage unit in Pornainen, southern Finland, will be the world's biggest sand ...

The EUR 5 million investment in the fund by the Finnish Climate Fund will be used to accelerate the deployment of energy storage systems in Finland, supporting the electrification of society and the development of infrastructure ...

HELSINKI, Finland (January 11th, 2023) Cactus, a developer of smart energy storage systems, has raised over EUR26M worth of equity investments in its Cactus Fleet Finland Limited ...

Finnish energy storage start-up Cactus raised over EUR26 million (\$28 million) in equity investment to finance the growth of its battery energy storage system (ESS) portfolio - to more than ...

