Deploy energy Estonia

What are Estonia's ambitious energy goals?
Estonia's ambitious targets require accelerated renewables deployment,increased electrification and phasing out oil shale generationwhile ensuring a just transition that maintains energy affordability and supports economic development in the oil shale region.

What does the IEA say about Estonia?
The IEA commends Estoniafor the steps it has taken to end all remaining energy trade with Russia while ensuring regional energy security,and for the work to accelerate the energy transition,including setting a 2050 carbon-neutrality target and a target for 100% of annual electricity demand to be covered by renewable energy by 2030.

Are there island specific energy support systems for West Estonian islands?
In Estonia there are no island specific support systemsfor renewable energy or energy efficiency,nor are there island specific permitting procedures. However,national marine spatial planning is in progress with ongoing discussions on how to improve West Estonian islands energy supply.

Can Estonia build a nuclear power plant?
Fermi Energia noted that, in order to construct a nuclear power plant in Estonia, a decision is needed from the parliament - the Riigikogu - to approve the use of nuclear energy in the country. Also, a special national plan to find a suitable location for the plant must be undertaken, as well as the development of nuclear energy legislation.

What percentage of Estonia's energy supply is renewable?
According to the International Renewable Energy Agency (IRENA),in 2020,renewable energy accounted for 32%of Estonia's Total Energy Supply (TES). The composition of this renewable energy mix was heavily dominated by bioenergy,which represented 93% of renewables.

What kind of energy does Estonia support?
Estonia supports PV,wind,biogas/biomassfor electricity production and heat pumps and biomass energy for heating. When it comes to transport,Estonia supports the electrification of public transport (busses) and the use of biofuels.Support schemes: 1 MW.

Estonia has significant unused renewable energy potential (mainly wind) but deployment of projects has been slow, including due to administrative barriers. The purpose of this reform is to facilitate the deployment of renewable energy ...

Fermi Energia was founded by Estonian energy and nuclear energy professionals specifically to develop deployment of SMRs in Estonia. In July 2019, the company launched a feasibility study on the suitability of

SMRs ...

The government approved the allocation of more than EUR90 million as follows: EUR31.8 million for a reform to accelerate the deployment of renewable energy, EUR20.2 million to ...

Large battery storage projects in Estonia and Latvia have moved forward as the Baltic energy system prepares to decouple from Russia in 2025. ... meaning a total contracted deployment of 80MW/160MWh. Bids for ...

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About Fermi Energia: Fermi Energia has been established specifically to deploy fourth generation nuclear technology in Estonia. The company is run by a high-level team of people with a broad ...

Estonia"s Fermi Energia has selected GE Hitachi Nuclear Energy"s BWRX-300 small modular reactor for potential deployment in the Baltic country by the early 2030s. Two other SMR designs had been under ...