

What is Finland's Energy and Climate Strategy?

Finland's energy and climate strategy targets carbon neutrality by 2035, emphasizing energy security, sustainability, and biodiversity.

What is Finland's Energy Policy?

Finland's approach includes nuclear energy, more renewables for electricity and heat, improved energy efficiency, and economy-wide electrification. After Russia's 2022 invasion of Ukraine, Finland moved to cut Russian energy imports, which previously comprised 81% of crude oil, 75% of natural gas, and 19% of electricity imports in 2021.

How strong is Finland's energy production?

In district heat production, the share of renewable wood and other biofuels and waste heat rose to almost 61 % in 2022. The strength of Finland's energy production has long been the diversity of its production mix- both in electricity and heat production. It should remain so even after fossil fuels are phased out.

What is the future of nuclear energy in Finland?

Nuclear amounted to 33% of total electricity generation in 2021, and this figure is expected to rise to more than 40% with the planned start of commercial operations at the Olkiluoto 3 reactor in 2023- the first new nuclear plant in Europe in 15 years. Finland is also a global leader in nuclear waste management and disposal.

What is Finland's energy supply in 2021?

In 2021, Finland's Total Energy Supply (TES) comprised bioenergy and waste (33.6%), oil (20.8%), nuclear (18.5%), coal (6.3%), natural gas (6.4%), electricity imports (4.6%), hydro (4.1%), peat (2.7%), wind (2.2%), and heat (0.6%).

Why is energy consumption so high in Finland?

Energy consumption per capita in Finland is the highest in EU. Reasons for this include energy-intensive industry, a high standard of living, a cold climate and long distances. Rise of energy consumption stopped in the 21st century, mainly due to changes of industry. There is now less heavy industry and the energy efficiency has improved.

Finland plans to achieve carbon neutrality by maintaining a high share of nuclear energy, increasing the role of renewables in power generation and heat production, improving energy efficiency, and electrifying sectors such as industry and transport.

Finland gets 29% of all its energy needs from advanced biofuels. It also has extensive nuclear and hydro networks. But some of its bold targets for continued fuel-use improvement call for sustained government ...

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The strength of Finland's energy production has long been the diversity of its production mix - both in electricity and heat production. It should remain so even after fossil fuels are phased out. The energy industry is committed to a climate-neutral energy future by 2035.

We will explore the diverse landscape of energy, with a particular focus on nuclear energy and its role in shaping our future. Energy is the lifeblood of our modern world. It powers our homes, fuels our vehicles, and drives industrial processes.

Finland has a good chance of being a European champion of the energy transition by 2040. The opportunities are much greater than the obstacles on the path to a bright energy future. Read more about how we can create a prosperous energy future for Finland.

Leading in responsible, sustainable energy. For over six decades, we've witnessed the evolution of technology and have consistently positioned ourselves at the vanguard of innovation. However, what truly counts is the tangible, day-to-day influence of exceptional technology on our employees, our customers, and the global community.

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Finland's energy and climate strategy targets carbon neutrality by 2035, emphasizing energy security, sustainability, and biodiversity. The Climate Change Act, revised in July 2022, mandates neutrality by 2035 and sets goals for greenhouse gas (GHG) emissions reductions: 60% by 2030, 80% by 2040, and 90-95% by 2050, excluding Land Use, Land-Use ...



## Finland klg energy

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