

Small and medium-sized wind power generation systems in Finland





Overview

How many wind power projects are there in Finland?

According to Renewables Finland project list (January 2024), there are more than 134 000 megawatts of wind power projects under development in Finland. Not all projects are likely to be implemented for various reasons, such as the windiness of the area or nature values.

How many wind power projects are under development in Finland 2024?

About 134 000 megawatts of wind power projects are under development in Finland (2024). Finland's wind power potential is many times higher than the capacity currently build. According to Renewables Finland project list (January 2024), there are more than 134 000 megawatts of wind power projects under development in Finland.

Will offshore wind power be a part of Finland's energy production?

Offshore wind power may form a significant part of Finland's energy production in the future. Exploiting this potential requires significant investment and technological expertise. Sweco is committed to promoting offshore wind projects and is working closely with various stakeholders to realize the vision.

Does Finland need wind power?

The Finnish government has set ambitious goals to increase the share of wind power in the country's energy production. In the future, wind power is expected to cover a significant part of Finland's electricity needs. To realize this vision, numerous wind power projects are being planned and underway across the country.



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Wind power in Finland

Wind power plays a significant role in achieving Finland's carbon neutrality goal. It offers unique opportunities for innovation, sustainability, and business growth.

Finnish wind energy shatters records, sets the stage for ...

2 days ago · Hitachi Energy enables Finland's energy transition: More than half of the wind power generated in Finland flows through Hitachi Energy's transformers and grid connection solutions.

Finland has over 100 GW of wind power in the planning ...

Feb 25, 2025 · According to project statistics from Renewables Finland, there are over 100 gigawatts (GW) of wind power at various stages of planning in Finland. Not all planned ...

OVERVIEW OF THE WIND TURBINES OF THE FUTURE ...

Mar 21, 2024 · These advantages make wind power a more attractive choice in Finland. While the wind turbines currently in use in Finland have been designed to adapt to extreme weather ...

Report 2023 Finland

Nov 29, 2024 · After a record year in deployment in 2022, Finland's wind power growth decreased slightly. Despite the slowdown, the actual wind power capacity increased by 23% by the end of ...

Wind turbines and wind power production , Sweco

Energy storage systems and smart grid technologies are central to ensuring that wind power can be reliably integrated into the energy infrastructure. Additionally, distributed production, ...

Wind power construction

Wind power construction Wind power is a renewable and nearly emission-free form of energy production. It can be produced relatively fast and at a relatively low cost, and and it increases ...

About wind power

Finland's wind power potential is many times higher than the capacity currently build. Read more about wind power in Finland!

Projects and wind turbines in Finland

The first is an annual statistic covering operational and decommissioned wind turbines. The second monitors wind power projects in the planning stage, and the third lists projects ...

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production. It can be produced relatively fast and at a ...

Wind turbines and wind power production

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Wind Energy Finland

Feb 25, 2024 · The future of Finnish wind power is promising due to strong political support and a clear commitment to harness the potential. Finland's new government intends to improve ...

Wind power in Finland

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