

Energy company uses 50kW solar-powered container in Stockholm





Overview

How does Sweden use energy?

In Stockholm, the body heat from commuters passing through Stockholm Central Station is used to heat a nearby building, and in the southern town of Växjö, there are passive high-rises. More than half of the energy used in Sweden comes from renewable energy sources. Find out more about Sweden's energy use.

What is the largest source of bioenergy in Sweden?

The largest source of bioenergy in Sweden is the forest. Sweden has more forest than most other countries – 69 per cent of the land area. Bioenergy is primarily used for heating – both in private homes and in district heating – as well as for electricity production and for industrial processes.

Does Sweden have a nuclear power plant?

Sweden currently has three nuclear plants with six nuclear reactors in operation. In 2023, some 14 per cent of Sweden's electricity came from wind power. Combined heat and power (CHP) plants – mainly powered by biofuels – accounted for around 10 per cent of the electricity output. Sweden is wise to draw energy from the forest. There's lots of it!.

Does Sweden have a heat pump?

The number of heat pumps in Sweden has increased dramatically since the 1990s, which has contributed to less energy being used for heating and hot water in buildings. Ethanol research began in the 1980s, and Sweden has been among the world leaders in this field.



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Ports of Stockholm's commitment to renewable energy continues with the installation of a rooftop solar cell facility at Stockholm Norvik Port that will be one of the biggest of its kind in Sweden.

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[Stockholm Norvik Port launches Sweden's largest port solar ...](#)

Apr 30, 2025 · Stockholm Norvik Port, Sweden's newest major port, has installed a new solar cell system "larger than that of any other Swedish port", as part of its efforts to reach long-term ...



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Solar cell systems

To increase the use of renewable energy Ports of Stockholm has chosen to commit to solar cell systems. The company currently has five facilities and the ambition is to increase the ...



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