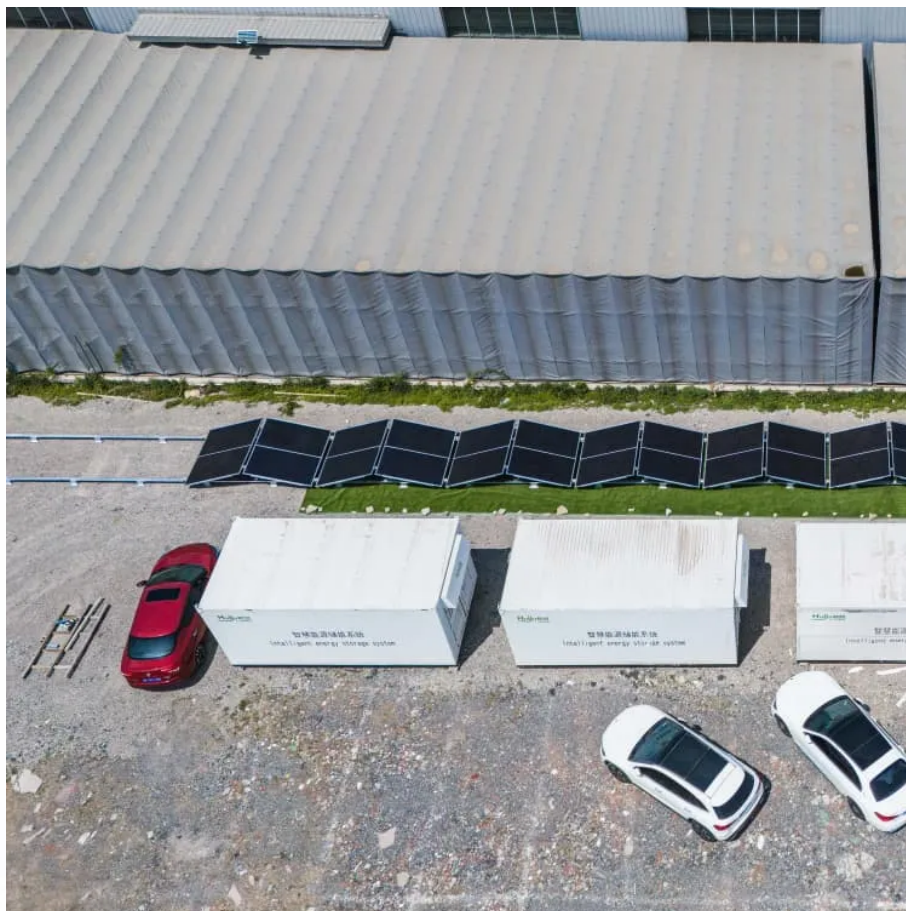


Solar panels in rural Denmark





Overview

Researchers at Aarhus University are testing vertically mounted solar panels that, unlike traditional setups, allow for the simultaneous cultivation of crops like wheat and clover. How do we use solar energy in Denmark?

Today, we use solar energy in Denmark in two ways: in the form of rooftop solar panels that can produce heat and district heating, and solar cells that can produce electricity. Why is solar energy important?

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Can solar energy be harnessed in Denmark?

There is great potential for harnessing solar energy in Denmark. At the same time, the costs associated with producing electricity from solar PV (photovoltaics) have dropped significantly in recent years, and solar PV are now one of the most cost-effective and competitive ways of producing electricity.

Will Denmark have more solar cells?

Today, researchers are working on setting up more solar cells in Denmark and finding the right combination with other renewable energy sources while using the energy smartly. According to the Danish Energy Agency's 2020 Baseline Projection (danish only), solar cells will account for around 15% of Denmark's electricity production by 2030.

Why is solar heating important in Denmark?

Solar heating covers approx. 2% of Denmark's district heating production. One of the big challenges of solar heating is energy storage, because the sun provides the most energy in the summer, when we need it the least to heat buildings. Heat storage is therefore a major research area at DTU.



Solar panels in rural Denmark

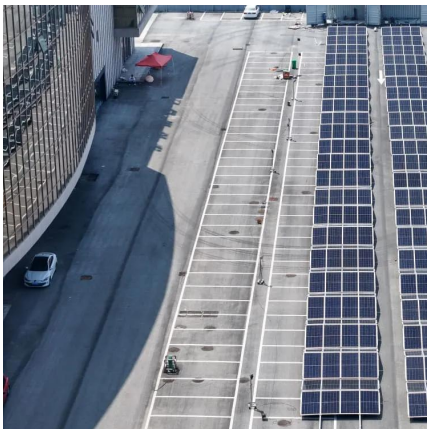


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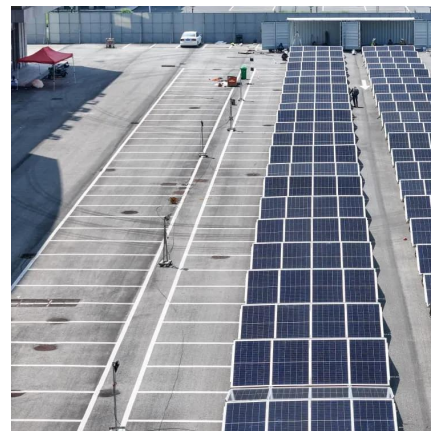
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Solar energy

The annual solar radiation on Denmark's land is about 180 times greater than Denmark's total annual energy consumption. This makes the sun an ...



Solar energy

The annual solar radiation on Denmark's land is about 180 times greater than Denmark's total annual energy consumption. This makes the sun an enormous source of energy, and DTU ...



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List of Danish solar panel installers - showing companies in Denmark that undertake solar panel installation, including rooftop and standalone solar systems.



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