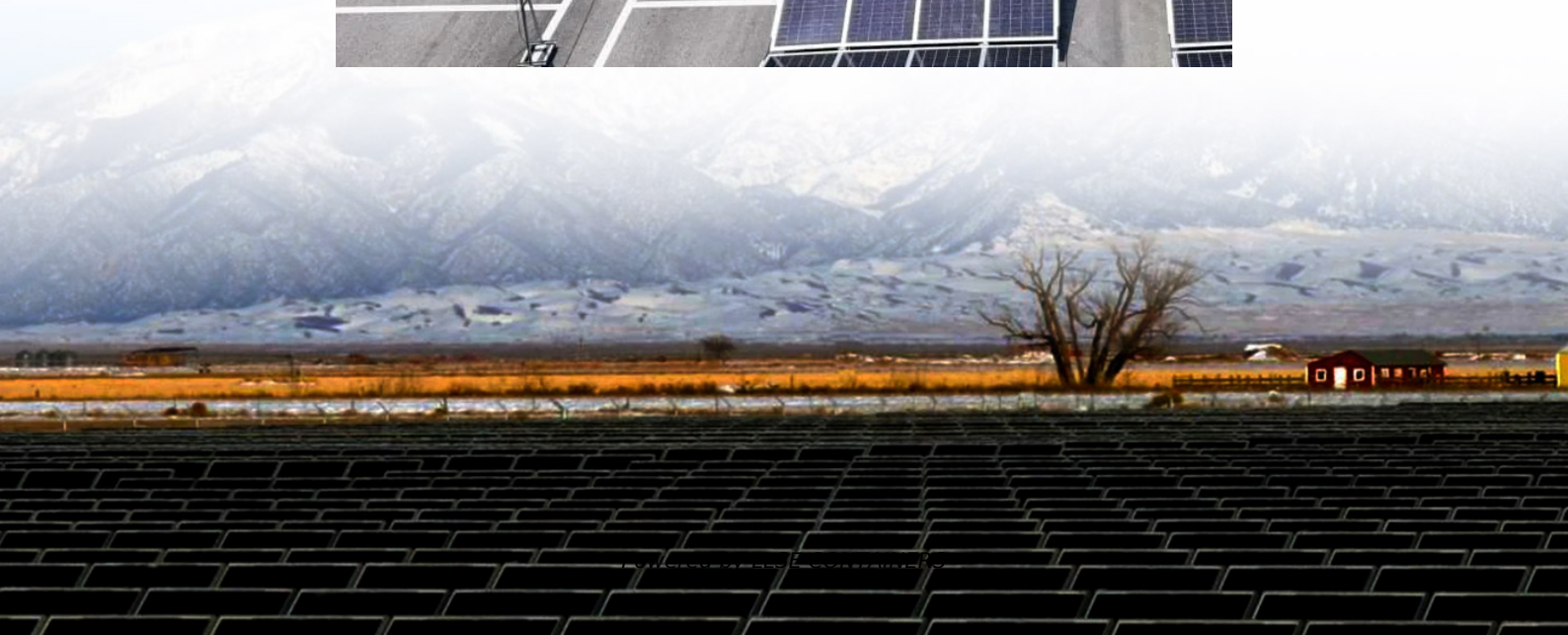


Aarhus solar Energy Storage Project in Denmark





Overview

How much CO2 does Aarhus emit?

In 2022, the energy sector in Aarhus emitted 698,000 metric tons CO₂e. Today, about 70% of Aarhus' energy needs are met by sustainable energy sources, including biomass, which covers 69% of the municipality's energy needs.

How much energy will Aarhus produce in 2030?

It is estimated that the combination of 1,600 hectares of solar energy and 10 new wind turbines combined would lead to a reduction in CO₂ emissions of 12,000 metric tons in 2030 and generate approx. 1,450 GWh annually, which corresponds to about 50% of Aarhus' projected electricity consumption in 2030.

Will Aarhus be a 'green district heating of the future'?

Aarhus is committed to taking the next steps toward an even greener energy supply system, and with 'the green district heating of the future', we can phase out fossil fuels and get down to 15% biomass in 2030.

Does the city of Aarhus have a goal of self-sufficiency?

In addition, power from wind turbines and solar energy – associated with the City of Aarhus' entities – outside of the municipal boundaries can be included in the City of Aarhus' goal of greater self-sufficiency.



Aarhus solar Energy Storage Project in Denmark



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