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Stockholm Industrial Outdoor Power Plant





Overview

Who is Stockholm exergi?

Stockholm Exergi is a Swedish energy company that runs a woody biomass-powered combined heat and power plant in Stockholm. They are planning to use a Bioenergy with Carbon Capture and Storage (BECCS) facility at the plant in 2027, with a final investment decision expected at the end of 2024.

When does Stockholm exergi start construction?

With the decision, Stockholm Exergi is starting the construction phase immediately with the goal of having the bioenergy with carbon capture and storage (BECCS) facility operational in 2028. This is a historic moment for Stockholm Exergi and for the climate transition.

How does Stockholm exergi's BECCS plant work?

Stockholm Exergi aims for their BECCS plant to become more efficient than previous CCS projects and pilots by coupling a heat pump to the CCS installation, thereby recuperating the heat generated at each step of the process to feed into the city's district heating network.

What is Stockholm exergi's Värtaverket biomass-fired plant?

Today Stockholm Exergi's Värtaverket biomass-fired plant provides power, district heating, and cooling to 190,000 households in the Stockholm region.



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BECCS

Dec 4, 2025 · The project Stockholm Exergi, Stockholm's energy provider, is building a large-scale facility for CO2 capture and permanent storage (Bio-Energy with Carbon Capture and ...

Stockholm's Exergi CCS project has been approved by the ...

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Power plants in Sweden , Uniper

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Stockholm Exergi: Where carbon turns to stone

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Stockholm Innovates District Heating with New Solutions ...

Heating and cooling from purified wastewater Hammarbyverket is the world's largest heat pump plant that extracts district heating and cooling from purified wastewater. The plant has seven ...

Exergi

1 day ago · The approach Exergi will retrofit a state-of-the-art district heating facility in downtown Stockholm. The KVV8 power station combusts woody biomass waste (i.e., treetops, branches, ...

About Beccs Stockholm

A Landmark. In collaboration with Urban Design--the architectural firm behind our multiple award-winning biomass power plant in Hjorthagen--we aim to create a facility that naturally blends ...

An analysis of Stockholm Exergi's proposed flagship ...

Nov 27, 2024 · Executive summary Stockholm Exergi is a Swedish energy company that runs a woody biomass-powered combined heat and power plant in Stockholm. They are planning to ...

Stockholm's Exergi CCS project has been ...



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About Beccs Stockholm

About Beccs Stockholm At Stockholm Exergi, we have set our sights on large-scale capture and storage of carbon dioxide using BECCS at our bioenergy-generation plant in Stockholm's ...

Stockholm Exergi: Where carbon turns to stone

Apr 30, 2025 · Illustration: Stockholm Exergi Stockholm Exergi is owned equally by the City of Stockholm and Ankhiale, a consortium of European pension funds consisting of APG, Alecta, ...

Green light for Sweden's largest BECCS project

Mar 27, 2025 · In Sweden, municipal energy company Stockholm Exergi AB has announced that it will go ahead and invest around SEK 13 billion (? EUR 1.2 billion) to build one of the world's ...

Stockholm Energi awarded funding by Swedish government

Jan 27, 2025 · Today Stockholm Exergi's Värtaverket biomass-fired plant provides power, district heating, and cooling to 190,000 households in the Stockholm region.

Large biomass CHP plant in Stockholm, Sweden

May 12, 2020 · An important step to reach this goal is the new biomass fired CHP plant (KVV8) at Värtaverket, situated in the harbour of Stockholm, which represents a proof of concept when it ...

Green light for Sweden's largest BECCS project

Mar 27, 2025 · In Sweden, municipal energy company Stockholm Exergi AB has announced that it will go ahead and invest around SEK 13 billion (? ...

800 000 ton CC plant to be built in Sweden

Apr 1, 2025 · The city of Stockholm has been prominent in the climate action movement, both nationally and internationally. Alongside emissions reductions, bio-CCS will be a critical part of ...

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