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Title: Stockholm large-scale energy storage project

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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.

How much money does Stockholm exergi get from the EU?

Stockholm Exergi has managed to secure a EUR180 million grant from the EU's Innovation Fund. In addition, the European Commission has given the Swedish government the green light for a EUR3 billion state aid scheme for BECCS projects.

What can capsol do with the Stockholm exergi project?

This translates into significant cost-saving potential for plant owners and a revenue opportunity of EUR 80-115 million for Capsol, based on target licensing revenues of EUR 10-15 per tonne installed capacity. The Stockholm Exergi project is not just a testament to technological prowess but also a harbinger of broader market potential.

Why is Stockholm exergi open to forestry methods?

Stockholm Exergi's openness to the forestry methods discussion is important because it makes a big difference: in clear-cut forestry (ultra-dominant in Sweden), large amounts of soil carbon are re-emitted as CO<sub>2</sub> or methane during the harvest process.

The technology is designed for high-efficiency performance in continuous large-scale operation, ensuring reliability while maximizing energy recovery. "This project marks a ...

Milan (Italy), March 31, 2025 - Saipem has received from Stockholm Exergi, the district of Stockholm's energy company, a full notice to proceed for a large-scale CO<sub>2</sub> capture project at ...

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With operations planned to begin in 2028, Stockholm will become one of the first cities in the world to capture biogenic CO<sub>2</sub> on a large scale - up to 800 thousands tons per year.

On March 27, 2025, Swedish municipal energy company Stockholm Exergi AB announced that it made a final investment decision (FID) to build the world's first large-scale bioenergy with ...

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