

SolarInnovate Energy Solutions

The largest energy storage project in Bergen Norway



Overview

The Northern Lights CCS project off the coast of Norway, which will begin operation by 2024, has enough storage for the equivalent of 750,000 car emissions every year in the first phase. How will CO₂ be stored in Norway?

The full-scale project includes capture of CO₂ from industrial sources and shipping of liquid CO₂ to an onshore terminal on the Norwegian west coast. From there, the liquified CO₂ will be transported by pipeline to an offshore storage location subsea in the North Sea, for permanent storage.

What is the world's first cross-border CO₂ transport and storage facility?

What is described as the world's first cross-border CO₂ transport and storage facility is completed and "ready to receive and store CO₂." Northern Lights carbon dioxide transport and storage facilities at Øygarden outside Bergen (Photo: Northern Lights).

How much does CO₂ management cost in Norway?

The total estimated cost of the project, including ten years of operation, is around NOK 34 billion. The investment is backed by the Norwegian Parliament and aims to develop CO₂ management as a cost-effective climate measure. 'This is an investment in future jobs, technology, and industry.

Why is Norway investing in CO₂ management?

The investment is backed by the Norwegian Parliament and aims to develop CO₂ management as a cost-effective climate measure. 'This is an investment in future jobs, technology, and industry. Longship will demonstrate that CO₂ management is safe, feasible, and necessary to meet climate goals in Norway and the EU', said Aasland.

What's happening with Northern Lights & Stockholm exergi?

This FID follows the signing of a 15-year commercial agreement between Northern Lights and Stockholm Exergi, the Swedish capital's energy supplier,

for the cross-border transport and storage of 900,000 tonnes of biogenic CO₂ per year from 2028.

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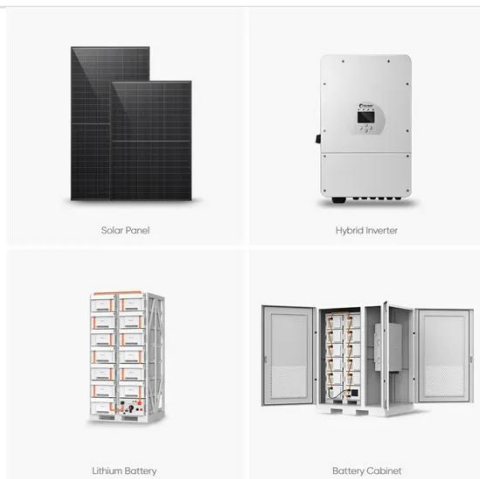


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