
Bergen Energy Storage Project in Norway

Where is the Northern Lights CO2 storage facility located?

On September 26, Norwegian Minister of Energy Terje Aasland led the official opening of the Northern Lights CO2 transport and storage facility in Øy garden, near Bergen. This project is developed by a joint venture between Equinor, Shell, and TotalEnergies in collaboration with the Norwegian government.

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 Øy garden outside Bergen (Photo: Northern Lights)

How much storage does the Northern Lights CCS project have?

The Northern Lights CCS project off the coast of Norway has enough storage for the equivalent of 750,000 car emissions every year in the first phase. Equinor's Smeaheia storage site, located to the south of Northern Lights, has the potential to increase storage capacity many times over.

When will CO2 be delivered from Stockholm Exergi?

The second phase is expected to be completed and ready to receive CO2 delivery from Stockholm Exergi in the second half of 2028. The expected \$713 million investment for the second phase includes about \$141 million from the Connecting Europe Facility funding scheme approved by the European Commission in 2024.

The first phase of the Northern Lights Phase 1 project, valued at \$710 million, reached FID in May 2020. Northern Lights is part of the larger Norwegian full-scale Longship ...

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Norway-based carbon capture, transport, and storage (CCS) initiative Northern Lights has announced that it will start its first CO2 storage operations in early 2025. On ...

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Why Bergen Needs Container Energy Storage Bergen, Norway's second-largest city, faces unique energy demands. With its heavy reliance on hydropower and growing investments in ...

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The Northern Lights CCS facilities at Øy garden outside of Bergen. Photo: Northern Lights
The official opening ceremony of the CO₂ transport and storage facility in Øy garden, ...

Equinor, Shell and Total are investing in the Northern Lights project, Norway's first licence for CO₂ storage on the NCS and a part of the Longship CCS project.

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Summary: As Norway accelerates its renewable energy transition, the proposed Bergen Energy Storage Power Station has become a focal point for industry observers. This ...

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