

# The largest energy storage project in Bergen Norway





## Overview

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Located in Norway, Northern Lights is the world's first CO2 transport and storage project open to industry, owned equally by TotalEnergies, Equinor and Shell. 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 Øygarden, 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 Øygarden outside Bergen (Photo: Northern Lights).

How much CO2 can Norway Store a year?

Phase 1 of Norway's first carbon capture and storage project, which started operations in September 2024, can store 1.5 million tonnes of CO2 annually, equal to the emissions of about 750,000 cars annually.

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.



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Norway's \$2.8 billion full-scale carbon capture ...

Apr 8, 2025 · Northern Lights is the transport and storage component of Norway's Longship project. The official opening ceremony of the CO2 ...

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Northern Lights To Begin First Carbon ...

Sep 27, 2024 · Norway-based carbon capture, transport, and storage (CCS) initiative Northern Lights has announced that it will start its first CO2 ...

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Northern Lights

Oct 16, 2024 · On 26 September 2024, the Norwegian Minister of Energy officially inaugurated the Northern Lights CO2 transport and storage facility in Øygarden, near Bergen. The facility is ...

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World's first cross-border CO2 facility opens in Norway

On September 26, 2024, the Northern Lights CO2 transport and storage facility in Øygarden, near Bergen, officially opened, marking a significant milestone as the world's first cross-border CO2 ...

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Equinor Opens World's First Cross-Border Carbon Storage ...

Sep 27, 2024 · On 26 September the Norwegian Minister of Energy conducts the official opening of the Northern Lights CO2 transport and storage facility in Øygarden, near Bergen. The ...

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Northern Lights: a CO2 transport and storage ...

3 days ago · Located in Norway, Northern Lights is the world's first CO2 transport and storage project open to industry, owned equally by ...

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Norway's \$2.8 billion full-scale carbon capture transport and storage

Apr 8, 2025 · Northern Lights is the transport and storage component of Norway's Longship project. The official opening ceremony of the CO2 transport and storage facility in Øygarden, ...

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Northern Lights: a CO2 transport and storage project to ...

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UK and Norway launch cross-border carbon ...

Dec 15, 2024 · UK Prime Minister Keir Starmer hailed Britain and Norway's "strong history, shared thinking and values" as the two countries unveiled ...

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Norway's First Major Carbon Capture And Storage Project ...

May 11, 2025 · Norway's first carbon capture and storage project-the Northern Lights project, is a ground-breaking step in the fight against climate change. This enormous project, which has ...

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### Ingenious underwater energy storage system

Jul 7, 2025 · General - Storage System Norwegian researchers have demonstrated an ingenious underwater energy storage system that uses ...

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### Inside Europe's largest CCS project at CCB ...

Sep 25, 2020 · The Northern Lights project could encourage the growth of a new industry in Greater Bergen. Norway, through the Northern Lights ...

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### The installed capacity of battery energy ...

May 23, 2024 · Today, the installed capacity of battery energy storage systems operating in Europe has exceeded the 20GW mark, with the ...

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### The Northern Lights project

May 15, 2020 · 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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### Northern Lights: world first cross border facility completed

Feb 12, 2025 · The Northern Lights CO 2 transport and storage facility, in Øygarden, near Bergen, Norway, was officially opened on 26 September. It is a joint venture between Equinor, Shell ...

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### Northern Lights: world first cross border ...

Feb 12, 2025 · The Northern Lights CO 2 transport and storage facility, in Øygarden, near Bergen, Norway, was officially opened on 26 September. ...

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### Top five energy storage projects in the US

Sep 10, 2024 · Listed below are the five largest energy storage projects by capacity in the US, according to GlobalData's power database. GlobalData uses proprietary data and analytics to ...

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### Phase 2 of Northern Lights CCS Project Gets ...

Mar 27, 2025 · 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 ...

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### Phase 2 of Northern Lights CCS Project Gets Green Light

Mar 27, 2025 · 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's First Major Carbon Capture And ...

May 11, 2025 · Norway's first carbon capture and storage project-the Northern Lights project, is a ground-breaking step in the fight against ...

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### Northern Lights To Begin First Carbon Storage Operations In ...

Sep 27, 2024 · 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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World's first cross-border CO2 facility opens ...

On September 26, 2024, the Northern Lights CO2 transport and storage facility in Øygarden, near Bergen, officially opened, marking a significant ...

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Equinor Opens World's First Cross-Border ...

Sep 27, 2024 · On 26 September the Norwegian Minister of Energy conducts the official opening of the Northern Lights CO 2 transport and storage ...

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Sweden and Finland surge ahead of Norway ...

May 14, 2024 · Rendering of a 70MW project in development by Ingrid Capacity in Sweden. Image: Ingrid Capacity. While Norway once aimed to ...

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Norway launches full-scale industrial carbon ...

Jun 17, 2025 · Simply sign up to the Climate change myFT Digest -- delivered directly to your inbox. Norway has launched the world's largest ...

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