

SolarTech Power Solutions

Bergen Norway 2025 Energy Storage Project





Overview

The Norwegian government has made room in its 2025 budget for a multimillion-dollar investment destined to be injected into its carbon capture and storage (CCS) project, described as a full-scale CO2 capture, transport, and storage development in line with the country's international climate agreements. How will CO2 be stored in Norway?

The full-scale project includes capture of CO 2 from industrial sources and shipping of liquid CO 2 to an onshore terminal on the Norwegian west coast. From there, the liquified CO 2 will be transported by pipeline to an offshore storage location subsea in the North Sea, for permanent storage.

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.

Will Norway be able to manage CO2 in 2025?

Terje Aasland, Norway's Minister of Energy, commented: "With Longship, Europe's first full-scale value chain for CO2 management will be in operation in 2025. It is inspiring to now see the results from Norway's long-term commitment to CO2 management.

When will Northern Lights start storing CO2?

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 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.

Will Norway develop a full-scale CCS value chain in 2025?



The project is said to reflect the Norwegian government's ambition to develop a full-scale CCS value chain in Norway, demonstrating the potential of this decarbonization approach. Longship, with captured CO2 from Brevik and Northern Lights' transport and storage, will be operational in 2025.

How is Northern Lights' CO2 transport and storage infrastructure progressing?

Construction of Northern Lights' CO 2 transport and storage infrastructure and Heidelberg Materials' capture facility in Brevik is progressing. As of now, the Brevik CCS is 76 percent complete, while Northern Lights' storage facility is 94 percent complete.



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Norway: Northern Lights facilities completed and ready to ...

Sep 26, 2024 · Northern Lights is the world's first commercial CO2 transportation and storage project. The first phase of the project was supported by the Norwegian government and has a

Norway launches its 750 kt/year Longship carbon capture and storage project

Jun 20, 2025 · The Norwegian Government has announced the launch of a large-scale carbon capture and storage (CCS) project located across multiple locations in Norway. The Longship ...



Norwegian Electric Systems to deliver sustainable battery energy





Sep 26, 2024 · NES will deliver the equipment during the first quarter of 2025 and manage the project from its headquarters in Bergen, Norway. "Reducing energy consumption on offshore ...

Norway launches flagship large-scale carbon capture and storage project

OSLO, June 18, 2025 (BSS/AFP) - Norway launched Tuesday a flagship carbon capture and storage (CCS) project, a technology seen as crucial to curbing climate change but which is ...





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May 7, 2025 · Work is scheduled to begin in the second quarter of 2025, with most tasks expected to conclude by the first quarter of 2026, and the entire project set for completion by ...

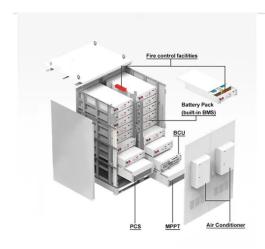
Equinor's Northern Lights CO2 Transport, Storage



Facility Opens in Norway

Sep 30, 2024 · The Norwegian Minister of Energy officially opened the Northern Lights CO 2 transport and storage facility in Øygarden, near Bergen, Norway. The Northern Lights facility is ...





India eyes Norwegian expertise in carbon storage for energy ...

Jul 8, 2025 · India is reviewing carbon capture and other projects in Norway to upgrade and expand the country's energy capabilities, says Union minister for petroleum and natural gas ...

Norway launches flagship large-scale carbon capture and storage project

Jun 17, 2025 · Oslo, Norway, AFP Norway on Tuesday launched a flagship carbon capture and storage (CCS) project, a technology seen as crucial to curbing climate change but struggling ...



Ingenious underwater energy storage system





Jul 7, 2025 · Norwegian researchers have demonstrated an ingenious underwater energy storage system that uses the immense pressure of the deep sea to deliver electricity on demand. This ...

The Northern Lights project

May 15, 2020 · Equinor, Shell and TotalEnergies are investing in the Northern Lights project -- Norway's first licence for CO2 storage on the Norwegian Continental Shelf and a major part of ...





Northern Lights facilities completed and ready ...

Sep 29, 2024 · General - CO2 Norway TotalEnergies and its partners, Equinor and Shell, announce the completion of the CO2 receiving and storage facilities

...

Northern Lights CCS commissioned, with first CO2 storage in 2025



Sep 27, 2024 · Backed by a trio of oil and gas majors and the Norwegian government, the first phase of Northern Lights, the world's first cross-border CO2 transport and storage facility, is ...





Norwegian carbon storage model may shape India's net ...

Jul 7, 2025 · Norway's expertise in deepwater exploration, seismic oil surveys, offshore wind, and carbon capture and storage (CCS) technologies aligns well with India's ambitious energy

Norway Gets First Ship to Carry Waste Carbon to ...

Feb 8, 2025 · The Northern Pioneer will be one of four vessels transporting waste carbon dioxide from industrial sites to a storage facility outside Bergen. From ...



World's first third-party CO2 storage facility kicks





off in Norway

23 hours ago · World's first CO2 storage site injects carbon 1.6 miles below seabed in Norway The first phase of the project is part of Longship the Norwegian government's full-scale carbon ...

CO2 By Sea: The Risky Bet Beneath Europe's Biggest Carbon Storage Project

Apr 11, 2025 · Northern Lights is Europe's most ambitious carbon capture and storage project, and possibly the most operationally serious one in the world. It deserves credit for getting past





Norway Launches Worlds First Full-Scale Carbon Capture Storage Project

Jul 3, 2025 · Norway revolutionizes climate action with the first-ever carbon capture project--storing greenhouse gases beneath the seabed like an underwater carbon cemetery. ...

Photovoltaic energy



storage in Bergen Norway

Where is solar energy produced in Norway? Located in the Northern Temperate Zone, Bergen, Vestland, Norway exhibits a unique seasonal variation in solar energy production. During the ...







Northern Lights: world first cross border facility ...

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

Norway Gets First Ship to Carry Waste Carbon to Undersea Storage

Feb 7, 2025 · The so-called Longship project is due to be the world's first large-scale carbon capture and storage hub for industrial emissions. Countries across Europe -- most notably ...



Norway's \$2.8 billion fullscale carbon capture ...





Oct 8, 2024 · Heidelberg Materials is expected to start capturing CO 2 from the cement factory in Brevik in 2025, while the transport and storage project for ...

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