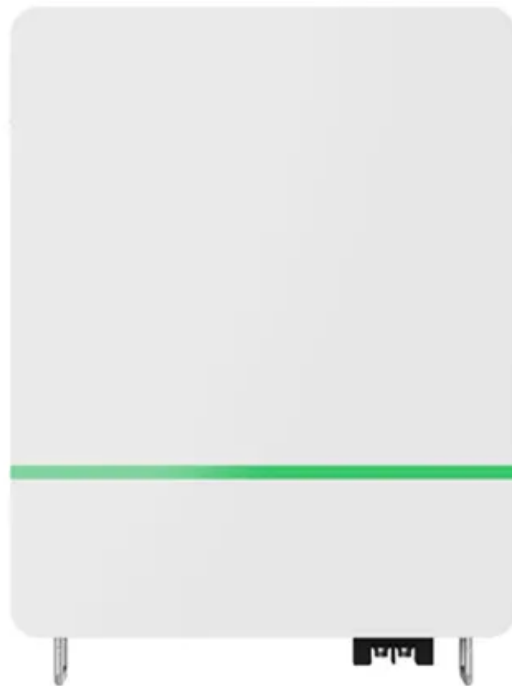


# **What is the Norwegian Energy Storage Project**





## Overview

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How will CO<sub>2</sub> be stored in Norway?

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

Will Norway fund the Northern Lights CO<sub>2</sub> transport & storage project?

Following a historic vote in parliament, the Norwegian Government today announced its funding decision for the Northern Lights CO<sub>2</sub> transport and storage project.

When did Norway Open the Northern Lights visitor centre?

The Prime Minister of Norway, Jonas Gahr Støre, officially opened the Northern Lights visitor centre in October 2022. The Northern Lights project is part of the Norwegian full-scale carbon capture and storage (CCS) project. The full-scale project will include capture of CO<sub>2</sub> from one or two industrial capture sources.

How much will Norway spend on CO<sub>2</sub> management in 2025?

The Norwegian government continues its investment in the Longship project and proposes an allocation of 2.1 billion NOK in the state budget for 2025. In 2025, a large part of the full-scale project for CCS in Norway will be completed. ' With Longship, Europe's first full-scale value chain for CO<sub>2</sub> management will be in operation in 2025.

How much carbon dioxide is stored under Norway's seabed?

According to government estimates, the rocks under Norway's seabed have the capacity to store as much as 80 billion metric tons of carbon dioxide, or 1,600 years of Norway's emissions at current levels, in depleted natural gas fields and other porous rocks.



Who owns the energy storage project near Oulu?

Å Energi has acquired a majority stake in the Isokangas energy storage project near Oulu. The 50 megawatt/1hour energy storage facility to be completed in 2026 is a significant milestone in strengthening the flexibility of the Nordic electricity grid and the security of energy supply. 04. June 2025



## What is the Norwegian Energy Storage Project

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### Norway's bet on Europe's energy future Norway's bet on Europe's ...

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### Exploring paths and innovation in Norwegian carbon capture and storage

That might have been expected to end the Norwegian CCS drive. Instead, however, soon after the termination of Mongstad in 2013, there followed a revised Norwegian ...

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### Shell, Equinor, TotalEnergies open Norwegian CO2 storage facility

Carbon capture and storage (CCS) has long been highlighted as a way to reduce CO2 emissions but there are few commercial projects in existence, with Norway in 2020 ...

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### International cooperation on CCS

The Norwegian full scale CCS project, Longship, includes a CO 2 storage with a substantial capacity beyond what is necessary for the Norwegian capture projects in Longship. Thus, ...

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### Å Energi acquires a majority stake in a large-scale energy storage project

Å Energi has acquired a majority stake in the Isokangas energy storage project near Oulu. The 50 megawatt/1hour energy storage facility to be completed in 2026 is a significant ...

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### [Longship goes into operation - A Global Breakthrough ...](#)

Norway is taking a historic step in the fight against climate change as the world's first full-scale value chain for carbon capture and storage (CCS) ...

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1 day ago· Further, the integration of new technologies and innovative solutions, such as smart grids and energy storage systems, adds further complexity to project management within the ...

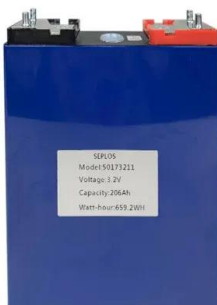
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### [The Longship project is near completion](#)

Longship is the Norwegian full-scale project for the capture, transport and storage of CO<sub>2</sub>. It is a central part of the government's policy for CO<sub>2</sub> management, and a part of ...

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### **Norway's bet on Europe's energy future**

Norway's Hedged Bet on Europe's Energy Future: A Garbage Disposal for Emissions A business called Northern Lights is seen as a model for efforts to pump carbon ...

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### [Northern Lights: world first cross border facility](#)

...

The project includes capture of CO<sub>2</sub> from industrial sources and shipping of liquid CO<sub>2</sub> to the terminal in Øygarden. From there, the liquefied ...

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### **The "Northern Lights" Shines: Shell, Equinor, and TotalEnergies ...**

The Northern Lights project plays a pivotal role in Norway's ambitious Longship initiative, a full-scale CCS project that was rolled out in 2020. It focuses on capturing CO<sub>2</sub> from ...

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## Å Energi acquires a majority stake in a large-scale energy ...

Å Energi has acquired a majority stake in the Isokangas energy storage project near Oulu. The 50 megawatt/1hour energy storage facility to be completed in 2026 is a significant ...

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## TotalEnergies, Equinor, Shell to Invest Over \$700 Million to ...

The Northern Lights project, a joint venture between the companies, was launched in late 2020, as the transport and storage component of Longship, the Norwegian ...

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## Oslo Grid Energy Storage Project: Powering Norway's Green Future

Ever wondered how a city known for fjords and northern lights is quietly becoming a global energy storage pioneer? The Oslo Grid Energy Storage Project is rewriting the rules of renewable ...

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## [Northern Lights: world first cross border facility completed](#)

The project includes capture of CO<sub>2</sub> from industrial sources and shipping of liquid CO<sub>2</sub> to the terminal in Øygarden. From there, the liquefied CO<sub>2</sub> will be transported by ...

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### [Sleipner Carbon Capture and Storage project](#)

The Sleipner Carbon Capture and Storage project is a project operated by Statoil where approximately 1 million tonnes per annum of carbon dioxide from the natural gas ...

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### [Go-ahead for the Northern Lights project](#)

"The Norwegian government's initiative and support for what will be the world's first open source CO<sub>2</sub> transport and storage project shows real vision and commitment. Northern ...

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