



Danish journalists in Norway to see CO₂ storage in practice and hear about the preliminary results of the EUDP Bifrost project

Bergen, April 29th 2024 – On an island west of Bergen lies Northern Lights, a facility that will soon receive and store CO₂ deep in the North Sea’s subsoil. This facility hosted a media tour on April 29, 2024, organized by the partners behind Project Bifrost.

The media tour provided insight into how the CCS participants function in practice, and how the Norwegian experiences and results from Project Bifrost can be compared and used going forward to contribute to CO₂ storage in Europe. Northern Lights, TotalEnergies, and DTU shared their knowledge and experiences.

Northern Lights has been working on the development of CCS in Norway for many years, and these experiences can also contribute to Denmark. Project Bifrost has preliminarily shown that there is great potential in the development of a Danish CCS industry. The Danish subsoil has a large storage potential due to its geology, and the existing infrastructure can be used to transport CO₂ for storage in the North Sea.

Project Bifrost has also mapped the Danish population’s attitude towards CCS. The studies show that the population’s attitude towards the technology is influenced by their level of knowledge about it. Project Bifrost concludes in June, and the conclusions from the study will be presented at a final conference. Read more about the conference [here](#). This marks an important step towards making CCS the next green growth adventure on Danish soil.

Participants

Frederik Marcher Hansen, Ingeniøren

Laura Kold, EnergiWatch

Simon Fiis Date, Altinget Energi og Forsyning

Mathias Falkengaard, Montel

Mads Nyvold, Klimamonitor

Tobias Johan Sørensen, Senior Analyst, Concito

Elena Pachkova, Centre Director, DTU

Malene Rod Vest, Programme Director & Deputy Centre Director, DTU

Jacob Ladenburg, Professor, Department of Technology, Management and Economics, DTU

Martin Rune Pedersen, Country Chair and Head of CCS, TotalEnergies Denmark

Johannes Bøggild, Head of Public Affairs, TotalEnergies Denmark

David Nevicato, CCS Bifrost Asset Manager

Thorkild Diness Jensen, Head of Communications and CSR, TotalEnergies Denmark

Cecilia Balvits, External Communications Partner, TotalEnergies Denmark

About Project Bifrost

- Project Bifrost is a 2-year study that paves the way for CO₂ storage and transport in the Danish part of the North Sea. Through 11 work programs, the project seeks to map and overcome technological challenges, create a safe CCS concept, and map the socio-economic conditions for large-scale CO₂ capture and storage in Denmark.
- Project Bifrost performs the basic work necessary for capture, transport, and storage in the North Sea's Harald field: From the CO₂ being captured on land, transported via specially built ships and through existing pipelines, and finally stored in the depleted gas fields in the subsoil of the Harald field.
- Project Bifrost is supported by the subsidy scheme The Energy Technological Development and Demonstration Program (EUDP), which falls under the Danish Energy Agency.
- The name Bifrost comes from Norse mythology and refers to the rainbow bridge that connects Asgard (the world of the gods) to Midgard (the world of humans). Thus, Bifrost connects sea and land as a bridge: CO₂ is captured on land and led back into the subsoil.

About Bifrost's contributors

- Bifrost is a partnership between The Danish Underground Consortium DUC (North Sea Fund, Noreco, and TotalEnergies), Ørsted, and the Technical University of Denmark (DTU).
- TotalEnergies is a global multi-energy company headquartered in France. TotalEnergies produces and markets a wide range of energy forms: oil and biofuel, natural gas and green gases, renewable energy, and electricity. TotalEnergies is an operator in the Danish North Sea along with the other DUC partners.
- Ørsted develops, constructs, and operates offshore and onshore wind farms, bioenergy, solar cell, and energy storage facilities, as well as facilities for the production of renewable hydrogen and green fuels. Ørsted owns and operates gas pipes in the North Sea.
- The Technical University of Denmark (DTU) is a technical elite university with international reach and standard. DTU's mission is to develop and utilize natural science and technical science for the benefit of society. DTU leads the research part of Project Bifrost.

TotalEnergies media contact: Thorkild Diness Jensen / Head of External Communications for TotalEnergies Denmark / +45 20 20 42 36 / thorkild-diness.jensen@totalenergies.com