



# Danish government energy storage project

The storage potential in Project Greensand is 0.5-1 million tonnes CO<sub>2</sub> per year from 2025, increasing to 4-8 million tonnes CO<sub>2</sub> per year by 2030. This would account for all of the CO<sub>2</sub> storage proposed in the Danish Climate Program. The Greensand project has three phases: Appraisal, Pilot (proof of concept), and Full project execution.

The carbon storage project will support Denmark's ambitions to reach a 70% CO<sub>2</sub> reduction by 2030. ... The award is based on a political decision by The Danish Government and a broad majority of political parties in December 2020 to allocate a total of DKK 197 million earmarked for the development and demonstration of CO<sub>2</sub> storage in the North ...

Denmark has made history with the largest government procurement of durable carbon dioxide removal (CDR), totaling almost \$24 million (Dkr 166 million). The Danish Energy Agency has awarded contracts to three companies for new CCS (CO<sub>2</sub> Capture and Storage) projects, marking the completion of the fund for negative emissions (NECCS fund).

Danish North Sea fields, including the fields operated by TotalEnergies (yellow) and INEOS (orange/red). Source: Danish Energy Agency. According to the government, the projects will begin in 2022 and will potentially have a total storage potential of as much as 24 million tons of CO<sub>2</sub> per year.

The Danish Energy Agency granted the first-ever permit for a CO<sub>2</sub> storage project in Denmark at the end of 2022, awarded to the Greensand Pilot Injection Project. The permit allows up to 15,000 tonnes of CO<sub>2</sub> to be injected in the project's pilot phase, in the former Nini West oil field, and is valid for a period of four months, expiring on 1 April 2023.

The Danish Energy Model is a holistic system that includes all energy sectors. ... Read about ongoing off-shore projects, procedures, permits, the Intergovernmental Offshore Wind Forum and more. ... to secure capture and storage of CO<sub>2</sub> from as early as 2029, and to help Denmark along its path to climate neutrality. The deadline for applying ...

One important reason for promoting bulk EST is the ambitious goals set up by the Danish government and the Danish parliament. Goals set up by the Danish government Goals set up by the Danish parliament. 100 % renewable energy in 2050 25% reduction of fossil fuels from 2010 to 2020. 100 % renewable energy for electricity and heat in 2035

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