

MEMBER STATE REPORT OF DATA FOR THE YEAR 2024 IN ACCORDANCE WITH ARTICLE 21 OF REGULATION 2024/1735 - TRANSPARENCY OF CO₂ STORAGE CAPACITY DATA

This document has been prepared by the European Commission to make available to the public the information received from Member States in accordance with Article 21 of Regulation 2024/1735 on „Transparency of CO₂ storage capacity data“.

According to Article 21(1), ‘by 30 December 2024, Member States shall (a) make data on all areas where CO₂ storage sites could be permitted on their territory, including saline aquifers, publicly available, without prejudice to requirements regarding the protection of confidential information and (b) oblige entities which are or have been holders of an authorisation as defined in Article 1, point 3, of Directive 94/22/EC of the European Parliament and of the Council on their territory to make publicly available on a non-reliance basis geological data relating to production sites that have been decommissioned or whose decommissioning has been notified to the competent authority and, if available, economic assessments of the respective costs of enabling CO₂ injection, unless the entity has applied for an exploration permit in accordance with Directive 2009/31/EC, including data on: (i) whether the site is suitable for sustainably, safely and permanently injecting and storing CO₂; (ii) the availability or need for transport infrastructure and modes suitable for safely transporting CO₂ to reach the site’.

According to Article 21(2), ‘by 30 December 2024 and each year thereafter, each Member State shall submit to the Commission a report, which shall be made publicly available, and shall be without prejudice to requirements regarding the protection of confidential information, describing: (a) a mapping of CO₂ capture projects in progress on its territory or in cooperation with other Member States, and an estimation of the corresponding needs for injection and storage capacities, and CO₂ transport; (b) a mapping of CO₂ storage and CO₂ transport projects in progress on its territory, including the status of permitting under Directive 2009/31/EC, expected dates for Final Investment Decision (FID) and entry into operation; (c) the national support measures that have been or will be adopted to prompt projects referred to in points (a) and (b) of this paragraph, as well as measures relating to the cross-border transport of CO₂; (d) the national strategy and targets that will be and have been set for the capture of CO₂ by 2030, where applicable; (e) bilateral and regional cooperation that facilitates the cross-border transport of CO₂, including their implications for the access of entities capturing CO₂ to a safe and non-discriminatory means of transporting CO₂; (f) CO₂ transport projects in progress and an estimation of the necessary future CO₂ transport projects’ capacity to match the corresponding capture and storage capacity.

According to Article 21(3), ‘should the report referred to in paragraph 2 show that no CO₂ storage projects are in progress on their territory, Member States shall report on plans to facilitate the decarbonisation of industrial sectors. This shall, if applicable, include the cross-border transport of CO₂ to storage sites located in other Member States as well as CO₂ utilisation projects.’

This document has been compiled by the European Commission in order to avoid disclosing personal data in cases where the relevant information was submitted by email only, it reflects solely the information received from the Member State indicated, and the European Commission is not liable for the content of the information or any consequence stemming from the reuse of this information.

REPORT AS REGARDS ARTICLE 21(1) OF REGULATION 2024/1735

“Make publicly available data on all areas where CO2 storage sites could be permitted on their territory;

- The information can be found here:

<https://ens.dk/forsyning-og-forbrug/tilladelser-til-efterforskning-og-lagring-af-co2-og-miljoehoeringer>

<https://www.geus.dk/produkter-ydelser-og-faciliteter/data-og-kort/undergrundsdata-fra-danmark-og-groenland/undergrundsdata-fra-danmark>

Oblige oil and gas companies to make geological data publicly available.

- Obligation for o&g-companies can be found in section 34 of the Danish Subsoil Act. Data is published here: <https://www.geus.dk/produkter-ydelser-og-faciliteter/data-og-kort/undergrundsdata-fra-danmark-og-groenland/undergrundsdata-fra-danmark>

Data should include economic assessments of enabling CO2 injection etc.

- This obligation is currently being implemented into Danish law. Expected to be in force by 1 July 2025.”

REPORT AS REGARDS ARTICLE 21(2) OF REGULATION 2024/1735

“A mapping of CO2 capture, transport and storage projects in progress, with expected permit and FID dates;

- As no reporting format has been made available, reference is made to the latest version of the North Sea Basin Task Force strategic regional plan on CO2 transport and storage infrastructure (The North Sea Region) of November 2024 that has been shared with the Commission.
- On the DEA webpage work programs are publicly available.
 - o <https://ens.dk/forsyning-og-forbrug/offentliggoerelser-nyheder-og-analyser-om-ccs>
- Further information can be found on the project webpages:
 - o <https://orsted.com/en/what-we-do/renewable-energy-solutions/bioenergy/carbon-capture-and-storage>
 - o <https://www.ineos.com/businesses/ineos-energy/carbon-storage/>
 - o <https://www.carboncuts.dk/en/the-ruby-project>

- <https://greenstore.dk/>
- <https://bifrost-ccs.com/>

Any national support measures, national strategies and targets that have been or will be adopted;

- The information requested can be found here:

<https://ens.dk/forsyning-og-forbrug/politiske-aftaler-og-gældende-lovgivning>

Any cross-border cooperation for CO2 transport

- The information requested can be found here:

<https://www.kefm.dk/klima/ccs-co2-fangst-og-lagring> “

REPORT AS REGARDS ARTICLE 21(3) OF REGULATION 2024/1735

No notification.