

Directive on the geological storage of carbon dioxide

Experience in developing CO2 storage

Permanent CO2 storage projects in the North Sea play a key role in Europe's climate change mitigation efforts. But the success of these projects relies on clear guidance that provides operators with regulatory certainty.

50+

are planned today in Europe.

**MARKET-READY
CCS PROJECTS**

These projects will play a key role in decarbonising a wide range of sectors and activities. Their growing number attests to the emergence of a strong geological CO2 storage community in Europe. The lessons learned by these forerunners could inform policy and drive decarbonisation forward.

These past experiences will be crucial to consider

as the EU updates its Guidance Documents for the Directive on the geological storage of CO2. Further details are provided in the report.

*Clear communication on the functional requirements for **effective CO2 storage** is key to promote best practices in this ever-growing sector.*



Key recommendations

1/ Provide guidance on depleted hydrocarbon reservoirs, as well as in deep saline formations.

This will help avert a competent authority from 'over-interpreting' the Guidance Documents for application to depleted hydrocarbon fields.

2/ Avoid increasing or further detailing the requirements in the Guidance Documents.

This will speed up deployment and maintain the positive momentum we see today within the CO2 storage community.

3/ Engage early and often with CCS projects, enhance cooperation among stakeholders, and provide communication.

This will promote knowledge-sharing, while reducing regulatory and legal uncertainties.

This report is the outcome of extensive and inclusive stakeholder consultation within the Zero Emissions Platform, a European Technology and Innovation Platform. [Click here to learn more about how ZEP functions.](#)

