



The European Network  
of excellence on the  
Geological Storage of CO<sub>2</sub>

# Welcome to our webinar on the State of play on CO<sub>2</sub> storage in Europe

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# Motivation for preparing the report

- In 2013, the first State of Play on CO<sub>2</sub> geological storage in 28 European Countries was published. Since then the CCS landscape has changed
- The role for CO<sub>2</sub> capture and storage within the portfolio of available emission-reduction options is currently under discussion in many European countries
- Policy developments at national, international and EU levels
- CCS project developments including EU-supported Projects of Common Interest for large-scale CO<sub>2</sub> transport infrastructures
- Changing CCS landscape – e.g. emergence of ‘CO<sub>2</sub> transport and storage’ services



# State-of-play report

- Reflects state of play as of 30<sup>th</sup> June 2021
- Focus on CO<sub>2</sub> storage (some information on capture, transport, utilization and storage)
- Considers what has changed since the previous State of Play report (2013)
- DOI:  
[10.25928/CO2geonet\\_eu32-o21u](https://doi.org/10.25928/CO2geonet_eu32-o21u)



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**State-of-play  
on CO<sub>2</sub> geological  
storage in 32 European  
countries – an update**

October 2021



# Questionnaire

- National CO<sub>2</sub> storage assessment – options, potential and capacity
- National climate protection policies, legislation and regulations relevant for CO<sub>2</sub> geological storage
- CO<sub>2</sub> capture, injection and storage projects – large-scale, demonstration and pilot projects
- Research activities and priorities with respect to CCS
- National actors driving CCS forward, public awareness and engagement

## Summarising the state-of-play on geological CO<sub>2</sub> storage in **YOUR COUNTRY**

(page limit: five pages in total)

### 1. Storage options, potentials and capacities:

#### National storage assessment, storage options, potentials and capacities

(Please, describe briefly the state of national capacity assessment (with references), identified storage options and potentials as well as estimated CO<sub>2</sub> storage capacities for your country using classification given in report template; also, if applicable, describe factors limiting/reducing storage capacity, e.g. regional legislation)

Xxxx

### 2. CO<sub>2</sub> capture, injection and storage projects – large-scale, demo and pilot projects:

#### Past and current demo/pilot projects for CO<sub>2</sub> capture & projects/sites in preparation

(Please, list and, if any, very briefly describe past and current demo/pilot projects for CO<sub>2</sub> capture & projects/sites in preparation in your country, give major reference and/or provide link to website.)

Xxxx

#### Past and current demo/pilot projects for CO<sub>2</sub> transport & projects/sites in preparation

(Please, list and, if any, very briefly describe past, current demo/pilot projects for CO<sub>2</sub> transport & projects/sites in preparation in your country, give major reference and/or provide link to website.)

Xxxx

#### Past and current demo/pilot projects for CO<sub>2</sub> geological storage & projects/sites in preparation

(Please, list and, if any, very briefly describe past, current demo/pilot projects for CO<sub>2</sub> geological storage & projects/sites in preparation in your country using classification given in report template, give major reference and/or provide link to website)

Xxxx

#### Past and current full-chain projects & projects/sites in preparation

(Please, list and, if any, very briefly describe past, current full-chain demo/pilot projects & projects/sites in preparation in your country using classification given in report template, give major reference and/or provide link to website)

Xxxx

### 3. National policies and regulations:

#### National policies w.r.t. GHG emission reduction targets/climate strategies

(Please, provide short information on national policies/strategies in your countries w.r.t. GHG emission reduction targets, measures under consideration and the foreseen/potential role of CO<sub>2</sub> storage, if any; capture/implementation priorities, if any, e.g. capture at industrial plants; foreseen/potential role of e.g. CCU, EOR/EGR or other "XCCY" technologies in your country; key national developments that are likely to influence development of CCS in country/Europe.)

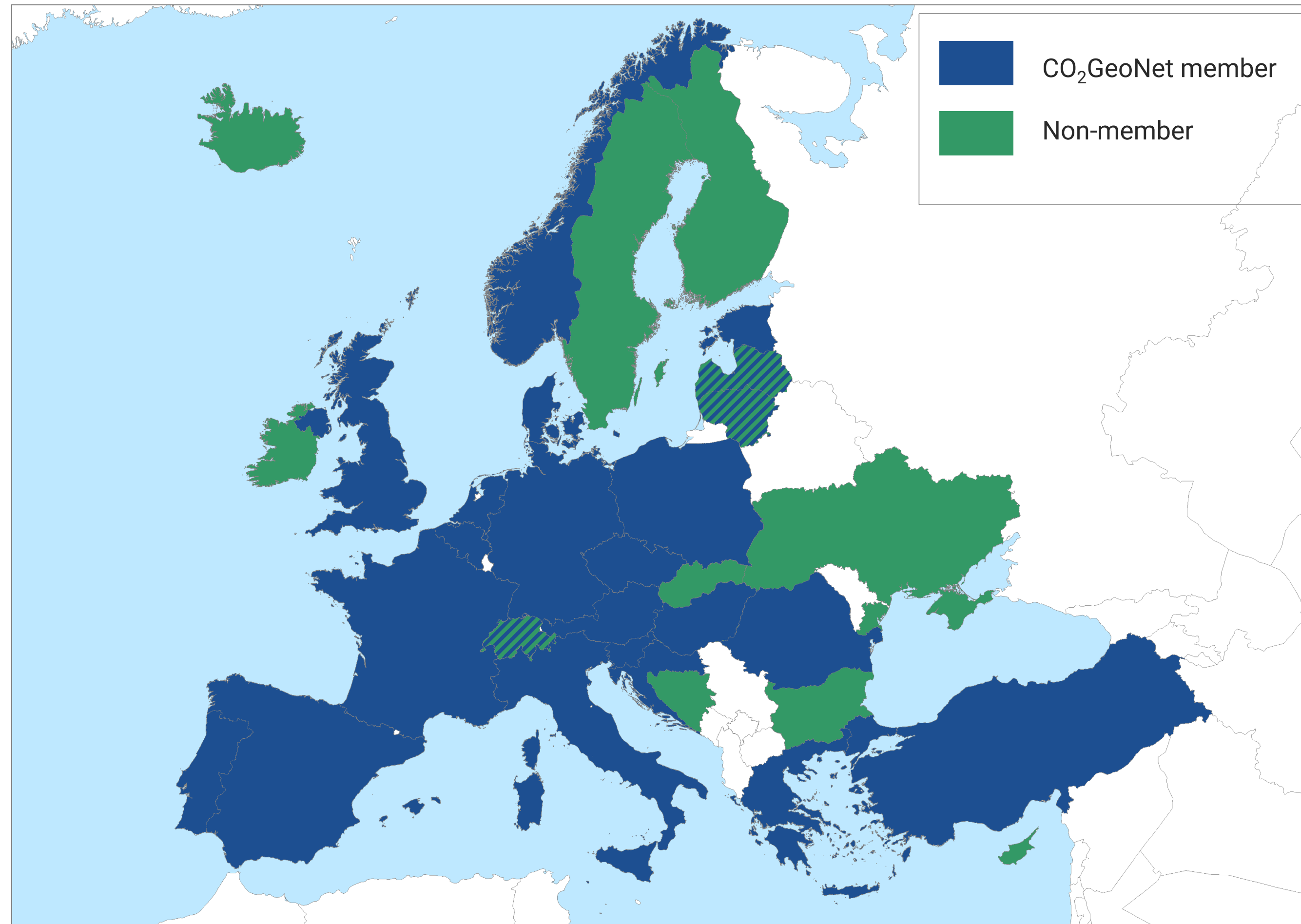
Xxxx

#### National legislation and regulations

(Please, state when EU CCS Directive was transposed in your country, if national legislation is in place)



# Country participation and coverage



$\Sigma = 32$  European countries

**CO<sub>2</sub>GeoNet member countries (21):**

- Austria
- Belgium
- Croatia
- Czech Republic
- Denmark
- Estonia
- France
- Germany
- Greece
- Hungary
- Italy
- The Netherlands
- Norway
- Poland
- Portugal
- Romania
- Slovenia
- Spain
- Switzerland
- Turkey
- United Kingdom

**Non-CO<sub>2</sub>GeoNet-member countries (11):**

- Bosnia and Herzegovina
- Bulgaria
- Cyprus
- Finland
- Iceland
- Ireland
- Latvia
- Lithuania
- Slovak Republic
- Sweden
- Ukraine



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Completed country questionnaires  
are provided in the report annex



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Drafting Team in bold blue letters





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# Thank you!

For further information, see:  
<http://www.co2geonet.com/state-of-play/>

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