# CO2StoP

## Assessment of CO2 storage potential in Europe
### Specific Targeted Research Project

EUROPEAN COMMISSION

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## Abstract

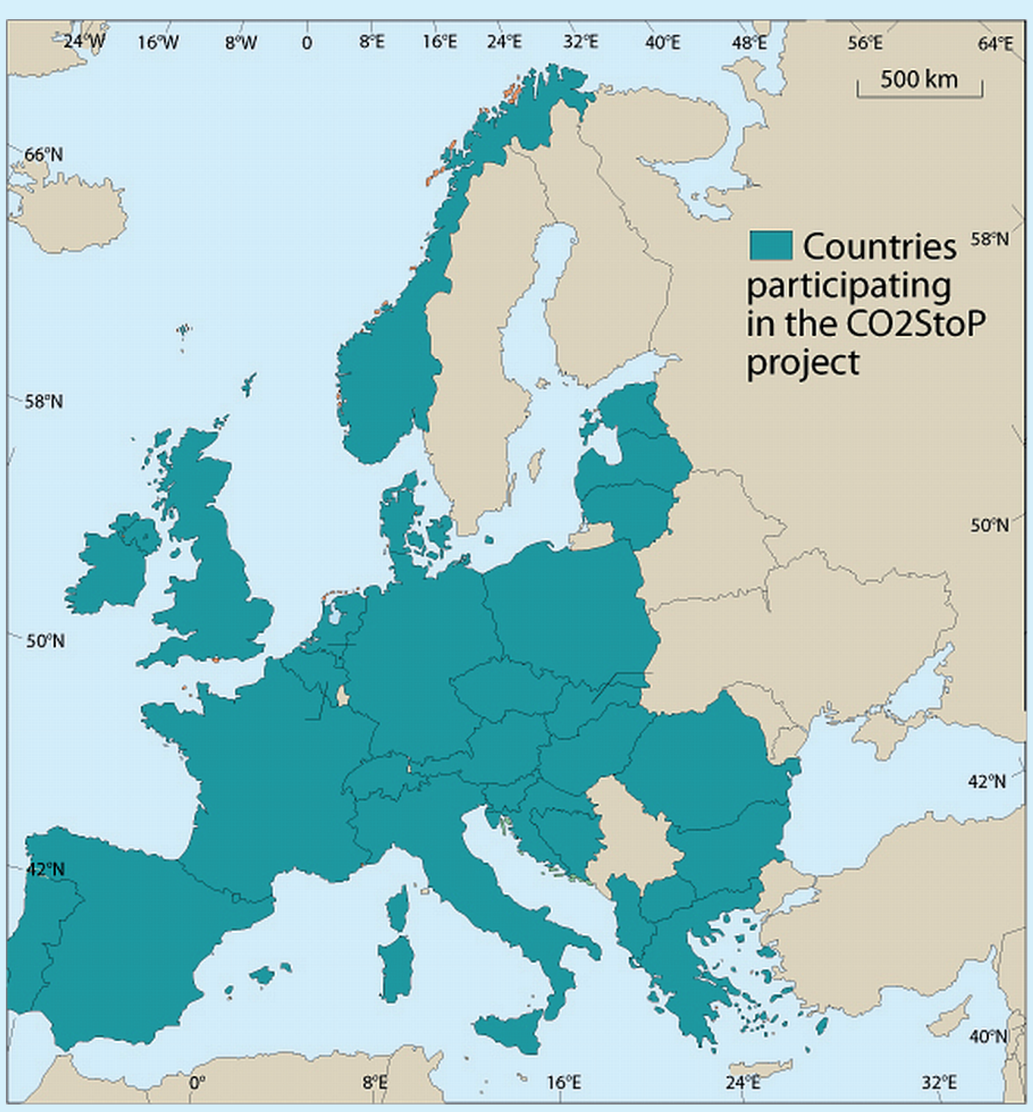
CO2StoP is the acronym for the project $CO_2$ Storage Potential in Europe project. The CO2StoP project started on January 1st 2012 (Dec. 19th 2011) and will end on March 31st 2013.

The project will try to to answer the following questions:

- How much $CO_2$ storage capacity can be relied on at a range of costs?
- Where is this $CO_2$ storage potential?
- When will it be available?

The main objective of the project is to assess the European capacity for geological storage of $CO_2$ and to provide data for a database to be held in an EC JRC database. The detailed objectives can be summarised as follows:

1. Develop a harmonised methodology and formulae for assessing geological $CO_2$ storage capacity in Europe
2. Define a set of $CO_2$ storage parameters that will allow the agreed methodology to be implemented
3. Provide the storage data defined above for each country: this to be held in an EU database
4. Estimate $CO_2$ storage capacity in Europe in deep saline aquifers and in hydrocarbon fields

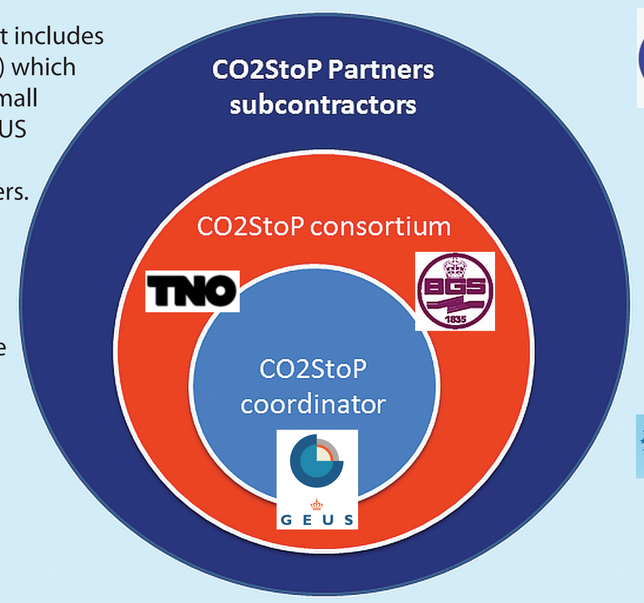



| Participant Short Name | Country | Participant Short Name | Country | Participant Short Name | Country |
|---|---|---|---|---|---|
| AGS | Albania | BGR | Germany | MEERI | Poland |
| GBA | Austria | IGME | Greece | LNEG | Portugal |
| RBINS-GSB | Belgium | ELGI | Hungary | GeoEcoMar | Romania |
| TMI | Bosnia and Herzegovina | GSI | Ireland | AGES | Serbia |
| US | Bulgaria | OGS | Italy | SGUDS | Slovakia |
| UNIZG-RGNF | Croatia | (IGTUT) | Latvia | GEOINZ | Slovenia |
| CGS | Czech Republic | GTC | Lithuania | GeoZS | Slovenia |
| GEUS | Denmark | IZIIS | Macedonia (FYROM) | IGME | Spain |
| IGTUT | Estonia | TNO-NITG | Netherlands | ETH | Switzerland |
| BRGM | France | NPD | Norway | BGS | UK |

The CO2Stop project includes 29 partners (Table 1) which are organized in a small consortium with GEUS as coordinator and BGS and TNO partners.

All other partners are subcontracting.

The partners include national geological surveys and a range of other research organisations.




## Basic Facts

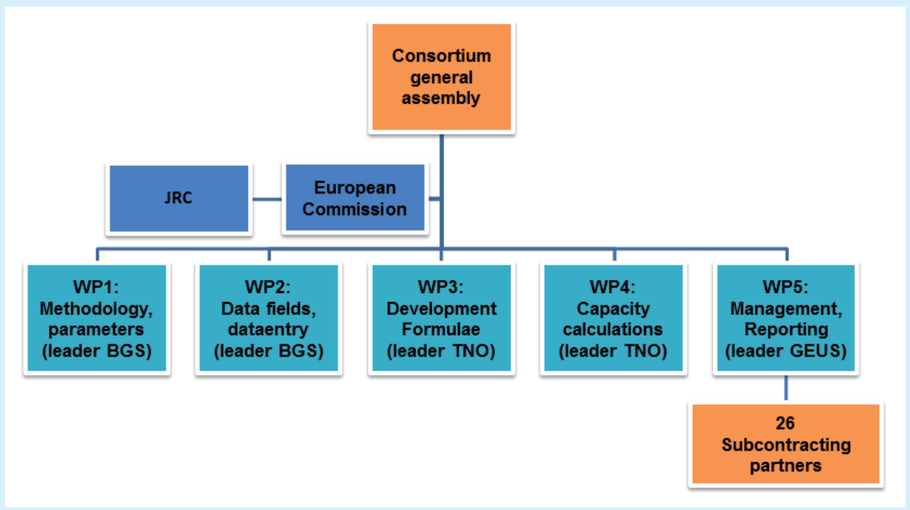
**Project duration**
15 months (January 2nd 2012 – 18. March 2013)
The interim report is due at the end of April.

**Budget**
Total eligible costs: >EUR 238,581
EU contribution: EUR 238,581
In total 13 person month

**Partnership**
29 partners (3 consortium partners and 26 subcontracting partners), representing 29 research institutes from 28 countries
(21 EU Member states, 3 Associated countries and 5 other countries)

**Coordinator**
GEUS – Niels Poulsen

**Consortium**
BGS – Sam Holloway, GEUS – Niels Poulsen and TNO – Filip Neele




**Project Goals**

Develop and agree a **methodology** for CO2 storage resource estimation with EC and JRC

Define the **data** to be collected to allow the methodology to be implemented

Design and develop a **database** and **GIS** in which the data will be stored

Develop **formulae** to enable the total accessible CO2 storage resource, or any pre-defined fraction of it, to be estimated

Enter suitable **existing data** and possibly some **new data** into the developed database and GIS

Estimate CO2 **storage capacities** for individual units of assessment where possible