



Press Release

17<sup>th</sup> February 2014

### **Opportunities for CO<sub>2</sub> storage pilot projects across Europe**

In June 2013, the Zero Emissions Platform (ZEP) published its report, “*Accelerating the demonstration of CO<sub>2</sub> geological storage in Europe – the case for up to six new storage pilots*”. This highlighted the need to establish a portfolio of large CO<sub>2</sub> storage pilots by 2016 in order to complement CCS demonstration projects, accelerate state-of-the-art technology and increase public confidence in CO<sub>2</sub> storage. The report proposes criteria for such projects, as well as defining R&D deliverables. Although CO<sub>2</sub> Geological Storage (CGS) is well advanced from a technological point of view, research based on real field sites is now strongly needed in order to maximize the efficiency of these technologies, to optimize the tools needed for monitoring and verification, and to be able to adapt to the specificity of local geological conditions.

In this context, the report “**Opportunities for CO<sub>2</sub> storage pilot projects across Europe**”, published in the framework of the Pan-European Coordination Action on CO<sub>2</sub> Geological Storage (FP7 CGS Europe project), provides an overview of the many potential pilot projects across Europe. All CGS Europe partners considered the potential for pilot projects in their home countries or surrounding regions, producing a report with Pan European coverage that may lead to new pilot projects. Overall, 22 potential pilot projects in 15 European countries are presented for consideration in this report.

The report was generated based on questionnaires completed by the CGS Europe project partners. This report provides not only the raw material of completed questionnaires, but also an analysis of the information provided and the potentiality of the proposals. Although currently most pilots presented are still in the early proposal stage, here the report takes stock of the wide range of scientific achievements that could be gained if some of the projects become a reality in the near future.

This report is a very valuable information source for the current debate on the future **CO<sub>2</sub> Capture and Storage in Europe**. The **CO<sub>2</sub>GeoNet Association**, the European network of excellence on CO<sub>2</sub> geological storage, in close connection with the **CGS Europe** FP7 project, here expresses the views of a pan-European consortium involving 34 research institutes from 24 EU Member States and 4 Associated Countries. As such, representing the European scientific community on CO<sub>2</sub> Geological Storage (CGS), CO<sub>2</sub>GeoNet and CGS Europe wish to share their expert input for the debate on taking CCS forward in Europe.

**The report is available at**

<http://www.cgseurope.net>

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## About CO<sub>2</sub>GeoNet

CO<sub>2</sub>GeoNet is the European scientific body on CO<sub>2</sub> geological storage. Founded by 13 public research institutes from 7 European countries, it brings together over 300 researchers with the multidisciplinary expertise needed to address all aspects of CO<sub>2</sub> storage. With activities encompassing joint research, training, scientific advice, information and communication, CO<sub>2</sub>GeoNet has a valuable and independent role to play in enabling the efficient and safe geological storage of CO<sub>2</sub>. CO<sub>2</sub>GeoNet was created in 2004 as a Network of Excellence supported by the EC FP6 programme for 5 years. In 2008, CO<sub>2</sub>GeoNet became a non-profit association under French law. As of 2013, the membership of CO<sub>2</sub>GeoNet is expanding thanks to the support of the FP7 CGS Europe project. More about CO<sub>2</sub>GeoNet at [www.co2geonet.eu](http://www.co2geonet.eu) Email: [info@co2geonet.com](mailto:info@co2geonet.com)

### Founding Members of CO<sub>2</sub>GeoNet:

- GEUS (Denmark)
- BRGM (France)
- IFPEN (France)
- BGR (Germany)
- OGS (Italy)
- URS (Italy)
- TNO (Netherlands)
- IRIS (Norway)
- NIVA (Norway)
- SPR Sintef (Norway)
- BGS (UK)
- HWU (UK)
- IMPERIAL (UK)

### New Members of CO<sub>2</sub>GeoNet:

- RBINS-GSB (Belgium)
- UNIZG-RGNF (Croatia)
- GFZ (Germany)
- Ciuden (Spain)
- MFGI (Hungary)
- GBA (Austria)
- GEO-INZ (Slovenia)
- S-IGME (Spain)
- METU-PAL (Turkey)
- CzGS (Czech Republic)
- GeoEcoMar (Romania)

## About CGS Europe

CGS Europe is a networking project (2010-2013) that pools together the expertise of 34 key research institutes in the topic of CO<sub>2</sub> geological storage across 28 countries (24 European member states and 4 associated countries). Funded by the EC FP7 programme, it builds upon the networking and integration experience of CO<sub>2</sub>GeoNet with the ultimate goal of providing an independent, scientific, pan-European platform and reference source where national, European and international experts, institutes and regulators can access the most up-to-date results of CO<sub>2</sub> storage-related studies, share experiences and good practices, discuss the implementation of regulations, identify research needs to face upcoming challenges, and build new projects.

After the end of the project in October 2013, all activities will be performed in the framework of the CO<sub>2</sub>GeoNet Association, enlarged with new members from CGS Europe for a pan-European coverage

More about CGS Europe at [www.cgseurope.net](http://www.cgseurope.net)

### CGS Europe partners:

- CO<sub>2</sub>GeoNet
- GBA (Austria)
- RBINS-GSB (Belgium)
- SU (Bulgaria)
- UNIZG-RGNF (Croatia)
- CzGS (Czech Republic)
- TTUGI (Estonia)
- GTK (Finland)
- G-IGME (Greece)
- MFGI (Hungary)
- GSI (Ireland)
- LEGMC (Latvia)
- GTC (Lithuania)
- PGI-NRI (Poland)
- LNEG (Portugal)
- GEOECOMAR (Romania)
- AGES (Serbia)
- SGUDS (Slovakia)
- GEO-INZ (Slovenia)
- S-IGME (Spain)
- SGU (Sweden)
- METU-PAL (Turkey)

