

**REGISTRATION**



**CO<sub>2</sub>GeoNet – European Network of Excellence  
on CO<sub>2</sub> Geological Storage**

# CO<sub>2</sub>GeoNet Training & Dialogue Workshop on CO<sub>2</sub> Geological Storage

Paris, October 3<sup>rd</sup>, 2007  
Salons HOCHÉ - 9 avenue Hoche - Paris 8<sup>e</sup>  
Metro line 1 - station Place de l'Etoile

## What does CO<sub>2</sub> geological storage really mean?

### BACKGROUND

Capturing CO<sub>2</sub> at large industrial plants, especially fossil-fuel-based power stations, and storing it underground in deep geological layers is a top priority in the race to significantly reduce atmospheric emissions of greenhouse gases, thus helping to mitigate climate change and ocean acidification. This technology has now reached a transition stage between research and worldwide deployment. By storing CO<sub>2</sub> in the underground, the carbon released through burning coal, oil and gas is returned back to where it was extracted, rather than letting it go into the atmosphere. Many stakeholder groups have expressed a desire to better understand this final destination of the captured CO<sub>2</sub> and what CO<sub>2</sub> geological storage really means.

### OBJECTIVE

This workshop aims to provide participants with pertinent information and to encourage dialogue on essential questions concerning the technical aspects of CO<sub>2</sub> geological storage. Scientific explanations, given in an easily understandable manner, will be based on the experience acquired over more than a decade of research and demonstration projects worldwide. The current status of our knowledge will be presented, as well as those areas where further investigations are needed. It is hoped that all participants will gain a better vision of the whole picture of CO<sub>2</sub> geological storage.

### WHO SHOULD ATTEND

Policy makers, industrial operators, investors, economists, regulators, NGOs, lawyers, scientists, students.

### LANGUAGE - ENGLISH

CO<sub>2</sub>GeoNet Members



BGS Natural Environment Research Council-British Geological Survey, BGR Bundesanstalt für Geowissenschaften und Rohstoffe, BRGM Bureau de Recherches Géologiques et Minières, GEUS Geological Survey of Denmark and Greenland, HWU Heriot-Watt University, IFP Institute Français du Pétrole, IMPERIAL Imperial College of Science, Technology and Medicine, NIVA Norwegian Institute for Water Research, OGS Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, IRIS International Research Institute of Stavanger, SPR SINTEF Petroleumforskning AS, TNO Netherlands Organisation for Applied Scientific Research, URS Università di Roma "La Sapienza" Dip. Scienze della Terra.



**Training & Dialogue Workshop on CO<sub>2</sub> geological storage**  
Paris, October 3<sup>rd</sup>, 2007 - France

**FREE REGISTRATION**  
(lunch and coffee breaks included)

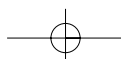
### REGISTRATION FORM

Mr.     Ms.

Last name: .....  
 First name: .....  
 Company: .....  
 Title / job function: .....  
 Address: .....  
 City: ..... Zip Code: .....  
 Country: .....  
 Tel: ..... Fax: ..... E-mail: .....

I would like to register for the CO<sub>2</sub>GeoNet Training and Dialogue Workshop (depending on availability)

To be sent to: Ms Elisabeth DEHAYS - Communications and publications Division - BRGM - Fax: + 33 (0)2 38 64 32 66  
3, avenue Claude Guillemin - BP 36009 - 45060 Orléans Cedex 2 - France



# Programme

The workshop programme is geared around six questions. For each one, a presentation will be given by **CO<sub>2</sub>GeoNet** researchers, followed by a discussion time with the participants.

## MORNING

1. Where and how much CO<sub>2</sub> can we store underground?
2. How can we inject large quantities of CO<sub>2</sub>?
3. What is the fate of CO<sub>2</sub> in the storage reservoir and are there any related physical and chemical changes?

## AFTERNOON

4. Could CO<sub>2</sub> leak from the storage reservoir and what would be the effects on humans and ecosystems?
5. How can we monitor the storage site at depth and at the surface, and why is this necessary?
6. What safety criteria \_i.e. conditions for safe storage\_ need to be imposed and respected?

### More about CO<sub>2</sub>GeoNet

CO<sub>2</sub>GeoNet is a European integrated scientific community durably engaged in enabling the efficient and safe geological storage of CO<sub>2</sub> as a solution for clean and climate-friendly energy production and consumption. The initial partnership is between 13 public research institutes with a high international profile in CO<sub>2</sub> geological storage. The network is sponsored by the **European Commission** under the **6th Framework Programme**.

**[www.co2geonet.com](http://www.co2geonet.com)**

For further information about this Workshop, please send an email with your contact details and position to: Dr. Isabelle Czernichowski-Lauriol

email: **[info@co2geonet.com](mailto:info@co2geonet.com)**

### Organisation Committee

Isabelle Czernichowski-Lauriol,  
Niels-Peter Christensen, Hubert Fabriol,  
Salvatore Lombardi, Jonathan Pearce,  
Sergio Persoglia, Nick Riley, Samuela Vercelli,  
Olga Vizika-Kavvadias.

### BRGM

Elisabeth DEHAYS

Communications and Publications Division

3, avenue Claude Guillemin - BP 36009

45060 Orléans Cedex 2

France