

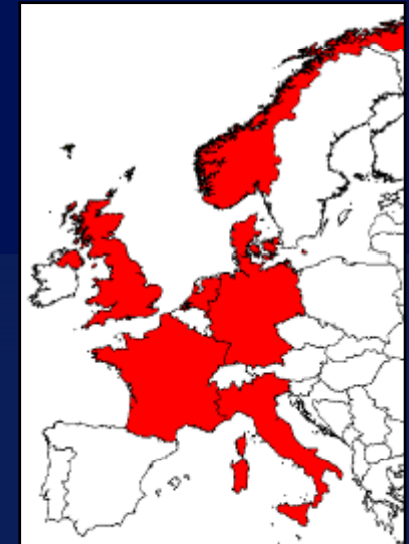


What is CO2GeoNet ?

Rob Arts

CO₂GeoNet – the European Network of Excellence on the geological storage of CO₂

Integration of 13 research institutes over 7 countries,
more than 300 researchers



Denmark: **GEUS**
France: **BRGM, IFP**
Germany: **BGR**
Italy: **OGS, URS**
Netherlands: **TNO**
Norway: **NIVA, RF, SPR**
UK: **BGS, HWU, IMPERIAL**

- Created as a FP6 Network of Excellence
- Now an Association under French law



CO₂GeoNet Activities

- Joint research
- Scientific advice
- Training
- Information and communication

- *This brochure is available in 10 languages*

Contact us through:

www.co2geonet.eu

info@co2geonet.com

What does CO₂ geological storage really mean?

A responsible use of fossil fuels

Removing the main source of greenhouse gases

Returning the carbon back into the ground

Giving us the time needed to develop climate-friendly energy sources



CO₂GeoNet European Network of Excellence



Introduction

2009 was a transition year

- End of the EC contract in March*
- The effective start of activities under the Association in April

CO2GeoNet activities encompass four key areas related to CO2 geological storage:

- joint research
- scientific advice
- training and capacity building
- information & communication



Management of the Association

President Nick Riley, BGS

Secretary General Sergio Persoglia, OGS

Executive Committee

July 2008 – June 2009

Y1 Y2

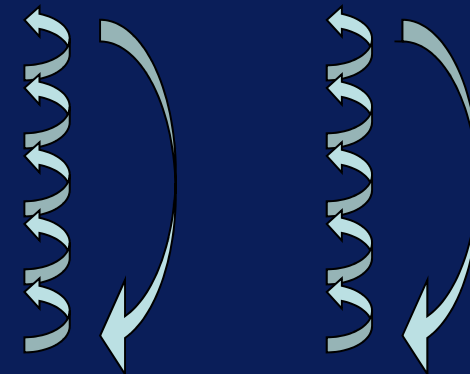
Chair Isabelle Czernichowski, BRGM

1st VC Rob Arts, TNO

2nd VC Samuela Vercelli, URS

Member Dominique Durand, NIVA

Member Anna Korre, Imperial



Some activities ...

- **Co-organisation of the 1st IEA GHG CO₂ storage modelling workshop, Orléans, France, 10-12 February 2009**



- **Organisation of the ESF Research Conference “CO₂ Geological Storage: Latest progress”, Obergurgl, Austria, 22-27 November 2009 (international audience of 90 participants, 24 presentations, discussion and poster sessions)**



Joint Research

Development benthic chamber

Safety and risk (CO2LBOX)

Intelligent injection strategies (2nd generation)

Low cost seismic alert system

Deep microbial system impact

Impurities and rock-fluid interaction

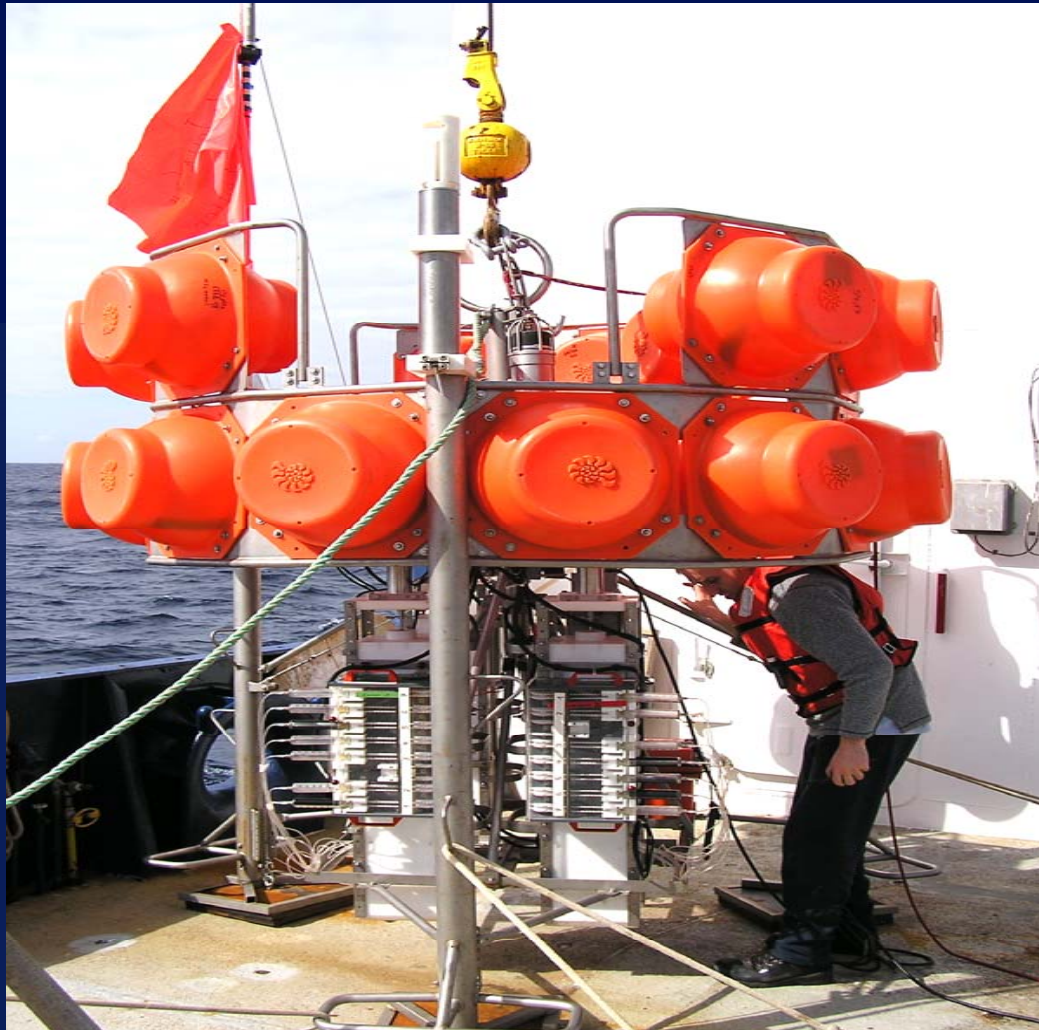
Natural laboratories & sensing

Hydrate containment and storage

Inventory of CO2 emission baselines (SafeCO2)



Example: Photo of our Benthic Chamber lander



Training and Capacity Building

- **Professional training courses in Orleans**
 - ‘Initiation to CCS’ (1 day): January and September 2009 (French participants)
 - ‘Modelling chemical reactivity during CO₂ geological storage’ (4 and 1/2 days): February and October 2009 (English-speaking international audience)
- **IEA GHG Summer school, Australia, August 2009**
- **CCOP Training course on CO₂ storage, Bangkok, Thailand, 22-26 June 2009**
- **OPEC – IEA GHG Summer school on CCS, Algeria, 16-20 November 2009**
- **EAGE Student Lecture Tour 2010-2011**



ANNUAL VENICE OPEN FORUM



5th CO2GeoNet Open Forum, Venice, 10-11 May 2010

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