



Future plans with the CO₂GeoNet Association

Nick Riley

CO₂GeoNet President

CO₂GeoNet's 2009 Programme of Activities

1- Joint Research

- Through alignment of Members' internal research programmes (own funds)
 - JRAP-19 - low-cost seismic alert system
 - JRAP-20 Benthic Chamber
 - JRAP Monitoring CO₂ fluxes at terrestrial sites
 - JRAP Application and development of remote sensing techniques
 - JRAP Impact studies on terrestrial ecosystems and groundwater
 - JRAP Norwegian CO₂ Field Lab
 - JRAP Interaction aqueous fluids-CO₂-rock-cement
- Research contracts with industry
- Applications to a FP7 calls

EU initiative on Research Infrastructures



CO₂GeoNet's 2009 Programme of Activities

2- Scientific advice

- Offering geoscientific data and scientific views on issues raised by the institutions of the European Union or third parties
- Contract with a utility for advice on one of their potential demo sites



CO₂GeoNet's 2009 Programme of Activities

3a- Training and capacity building

- Development of the Catalogue of CO₂GeoNet training courses
 - *'Modelling Chemical Reactivity during CO₂ storage'*, Orléans, 19-23 Oct. 2009
 - *'Initiation to CO₂ capture and storage'*, Orléans, 5 May, 25 Sept. 2009
 - *'Will it leak? CO₂ Geological Storage Safety: Gas behaviour and public communication'*, Rome +field trips, 4 days in summer 2009
 - *'Underground CO₂ storage and safety'*, Trondheim, 2 days
 - *'CO₂ Injection For EOR and Geological Storage'*, Edinburgh, 2 days
- Further development of the PhD Programme
- Further development of Staff exchange (short stays for weeks or months)



CO₂GeoNet's 2009 Programme of Activities

3b- Training and capacity building

- Co-organisation of a **CCOP Training course on CO₂ storage**, Bangkok, 22-26 June 2009 (Committee for Geoscience in E-SE Asia)
- Organisation for the European Science Foundation of an **ESF Research Conference 'CO₂ geological storage: latest progress'**, Austria, 22-27 November 2009
- Co-organisation of **IEA GHG summer school**, August 2009, Australia
- Participation to **OPEC – IEA GHG summer school**, Algeria, date tbc



CO₂GeoNet's 2009 Programme of Activities

4- Information and communication

- Translation of CO₂GeoNet brochure « What does CO₂ geological storage really mean ? » in additional languages
- Participation at COP-15 in Copenhagen, Dec. 2009
- Further development of the CO₂GeoNet website as a public resource
- Running the CO₂GeoNet Secretariat (contact point for the network)



CO₂GeoNet's further developments

- Maintain an Annual CO₂GeoNet Open Forum
- Create a CO₂GeoNet Newsletter
- Expand Membership:

‘Associated members’: join in only for certain activities

‘Full members’: want to move towards durable integration (preferably strategic national research institutes from EU countries not yet represented in CO₂GeoNet) – **step-wise process**





*The European Network of Excellence on the
Geological Storage of CO₂
Association*

**Europe now has a durable scientific
research partnership on CO₂ storage**

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