

EFG STAND IN THE EUROPEAN UNION SUSTAINABLE ENERGY WEEK, EUSEW, 28 JANUARY –1 FEBRUARY 2008, EUROPEAN COMMISSION, BRUSSELS

The European Federation of Geologists participated in the European Union Sustainable Energy Week 2008 with the stand Geology and Sustainable Energy. <http://www.eusew.eu/>

Under the umbrella of the Sustainable Energy Europe Campaign (SEE), the European Commission's Directorate-General for Energy and Transport, the European Institutions, the Slovenian Presidency and major stakeholders concerned with sustainable energy together put on the second EU Sustainable Energy Week (EUSEW).

Some thousands of participants, including politicians, civil servants, business people and conservation groups from around the globe gathered there. Debates, presentations and stands reviewed actions in Sustainable Energy in Europe. You can watch live some of the events at the following web address: <http://www.managenergy.tv/>

In the context of the event, EFG prepared a Stand in collaboration with EFG Panel of Experts on Geothermal Energy and CO₂ Sequestration. The topic of the Stand was **Geology and Sustainable Energy**. Under this topic the stand covered two main themes:

- **Geothermal Resources in Europe**, posters in collaboration with European Geothermal Energy Council, EGEC. The poster presented the Geothermal Resources in Europe in relation to the temperature basins and the different technologies for electrical power, district heating and shallow geothermal.
- **CO₂ Capture and Storage**, poster in collaboration with Geological Survey of Belgium. The poster presented different kinds of Geological Storage, problems and safety.



We distributed information about the EFG: EFG leaflet, EFG Members, EurGeol. Title, European Geologist Magazine, and EFG position paper on these topics.

Press release on Directive on the promotion of the use of renewable energy sources.

Document:

http://www.eurogeologists.de/cms/images/content/EUWSE08/Press_release_RES_Directive.pdf

EFG, EGEC and EuroGeoSurvey welcome the proposal tabled on 23/01/08 by the European Commission for a Directive on the promotion of the use of renewable energy sources.

Geothermal energy is the heat beneath the surface of the Earth. It is a sustainable, renewable, nearly infinite energy source, delivering heat and power 24 hours a day throughout the year and available all over Europe. It is environmentally friendly and contributes to the reduction of CO₂ emissions. It uses very little land, has almost no visual impact and reduces Europe's vulnerability to energy imports. It has considerable economic potential, can foster significant development of enterprises and related job creation.

Our associations jointly call for some improvements of the Directive proposal:

1. The definition of geothermal energy
2. Accreditation of installers must include specific criteria for the certification of shallow geothermal installers.

A Manifesto will develop proposals on these issues and will present the actions needed to foster the contribution of Geothermal Energy to the targets set in the directive proposal.

This document has been mentioned in reference to the future of Geothermal Energy by Mr. Össur Skarphéðinsson, Icelandic Minister of Industry, during the opening remark on the event organized by the Ministry of Industry in Iceland, Geothermal Energy Benefits and Potential, Friday 1 2008, and attended by Mr. Andris Piebalgs, European Commission, Commissioner for Energy.

EFG Position Paper on Carbon Capture and Geological Storage.

Document:

http://www.eurogeologists.de/cms/images/content/EUWSE08/CCS_position_paper.pdf

The European Federation of Geologists (EFG), and especially its panel of experts on Geothermal Energy and Carbon Capture and Storage, emphasizes that Carbon Capture and geological Storage (CCS) should be strongly promoted, as it is an important and direct path towards a fully sustainable energy future. Document attached

During EUSEW, EFG expert, Kris Piessens, participated on the workshop on CCS.

EFG PE on CO₂ Sequestration has been invited to apply for membership to the ZEP-CCS Technology Platform. Further information: Kris.piessens@naturalsciences.be

During the exhibition we received support from EGEC staff and Belgium Geological Survey. The stand received very high attention from the EUSEW visitor, including Commissioner Piebalgs, Transport and Energy Commissioner and Mr González Finat, Director DG Transport and Energy, photo below.

