



British
Geological Survey

NATURAL ENVIRONMENT RESEARCH COUNCIL



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FP7 Cooperation Work Programme: Energy

Open in call: FP7-ENERGY-2009-1

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Call

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- Activity Energy.5 CO2 capture and storage Technologies for Zero emission Power generation
 - ENERGY.2009.5.1.1: Innovative capture techniques
 - ENERGY.2009.5.2.1: Safe and reliable geological storage of CO2
 - ENERGY.2009.5.2.2: Towards an infrastructure for CO2 transport and storage
- Published: 3rd September 2008
- Deadline: 25th November 2008
- Budget: €23 million
- <http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7CallsPage#Energy>



Content/scope:

- One of the prime prerequisites for geological CO₂ storage is to provide evidence that it is safe and reliable. RTD is needed on all relevant aspects of safety of geological CO₂ storage. Projects could deal with one or all phases of the storage process, and address all relevant timescales for different storage options. RTD should be placed in the context of the accounting techniques and monitoring principles put forward by the Commission Directive on CO₂ storage, and should pay due attention to raising public awareness and creating acceptance for geological storage.



Expected impact:

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- A methodical approach to storage safety will provide the analytical base needed for an accountable stewardship for the stored CO₂. It is expected that this will build confidence in - and addressing public acceptance of - geological storage as a means to reduce CO₂ emissions, allowing the safe and commercial deployment of large scale near zero emission power generation technology based on CCS.



Other information:

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- The active participation of relevant partners from the Carbon Sequestration Leadership Forum could add to the scientific and/or technological excellence of the project and/or lead to an increased impact of the research to be undertaken; this will need to be considered by the evaluators.



Call process

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- **Funding scheme:** Collaborative project.
- Two-stage evaluation process:
- Stage 1:
 - Focus on science and technology content (10 pages)
 - Simplified budgets still supplied
 - Deadline: 25th November 2008
 - Evaluation December/January and down-selection
 - Proposals for 250% of budget invited to Stage 2
- Stage 2:
 - Full evaluation:
 - S/T quality
 - Implementation
 - Impact
 - Indicative deadline: 1st April 2009
- Signature of grant agreements: From November 2009



Collaborative projects

- Collaborative projects are objective driven research projects aiming at developing new knowledge, new technology, products, and that may include scientific coordination, demonstration activities or sharing of common resources for research in order to improve European competitiveness or to address major societal needs. As such, they may also be targeted to special groups, such as SMEs and other smaller actors.



CSLF members

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