



Mongstad City Photo: Svein-Jørgen Wiken

Top-level Research Initiative

Carbon Capture and Storage

The Nordic countries are involved in a number of Carbon Capture and Storage (CCS) research and pilot projects. Coordination and dialogue between various national players at the Nordic level is vital for the successful development of Nordic competence. Closer cooperation will strengthen the region's position as CCS expert in the EU and globally. Coordination and cooperation can improve the best Nordic methods and technologies and help the region to achieve the CO₂ reduction goals.

An overview of ongoing national activities and priorities will be the basis for the CCS program creating synergies and efficiency, hence Nordic cooperation can achieve greater results than separate national initiatives. The CCS program will facilitate cooperation between stakeholders; industry, researchers and policy makers.

The program committee of the CCS sub-programme will launch a call at the end of year 2009. The objective is to initiate cooperation, concrete actions and implementation of Nordic know-how and technology within CCS.

The focus will be on the Nordic region and Nordic activities and possible relations to the EU and international activities. The budget for the CCS program is approximately 40 MNOK over five years.



Top-level Research Initiative

– a major Nordic venture for climate,
energy and the environment

The world's major climate and energy challenges demand new knowledge and innovations. The Nordic countries are particularly well placed to contribute to this, due to their high level of education, political will to act, and abundance of natural resources.

The Top-level Research Initiative was initiated by the Nordic Prime Ministers in 2008, and is supported by national institutions and agencies, in particular those financing research and innovation. The initiative will promote research and innovation of the highest level, involving the very best agencies and institutions. Great importance is attached to a close partnership with business and industry to ensure application and utilisation of research results.

The Top-level Research Initiative shall provide a platform for increased international cooperation both within the EU and beyond.

The initiative will last for five years. Calls for proposals begin in the autumn of 2009.

Top-level Research Initiative Programmes:

- 1 Effect Studies and Adaptation to Climate Change
- 2 Climate Changes' Interaction with the Cryosphere
- 3 Integration of Large-scale Wind Power
- 4 Sustainable Biofuels
- 5 Nanotechnology and Energy Efficiency
- 6 Carbon Capture and Storage

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