



Background

Top-level Research Initiative

The Top-level Research Initiative (TRI) is the largest joint Nordic research and innovation initiative to date. The initiative aims to involve the very best agencies and institutions in the Nordic region, and promote research and innovation of the highest level, in order to make a Nordic contribution towards solving the global climate crisis. The Top-level Research Initiative consists of six sub-programmes.

Sub-programme “CO₂ 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 objective is to initiate cooperation, concrete actions and implementation of Nordic know-how and technology within CCS.

Ongoing studies

The sub-programme has ordered two studies in order to get an overview of potentials within CCS in the Nordic countries: “CCS potentials in the Nordic region” and “CCS and renewable energy”. The studies include general overview of the ongoing R&D activities with the area, with the aim for possible connection for joint research and innovation projects in the future. Public awareness is also included. The studies include a rough evaluation of the costs and time needed for the technical realisation of the available solutions. A sketch of possible scenarios for CCS will be presented and synergy possibilities with the neighbouring countries will be described. The results of the studies will serve as a background for the development of a call, which will be published in the end of 2010.

Workshop

Place and date

2nd June 2010, Copenhagen, 10:00 – 16:00

Geological Survey of Denmark and Greenland (GEUS)

Address: Ø. Voldgade 10

The workshop

- Preliminary results of the two Nordic feasibility studies “CCS potentials in the Nordic region” and “CCS and renewable energy” will be presented. The participants will get a chance to give input to these studies.
- The participants will get a unique chance to influence the content of the Nordic call within CCS.

The participants will get a chance to give input to these studies.

Outcome of the workshop

Basis for the next Nordic call for research and innovation projects within CCS, autumn 2010, will be developed based on gap between ongoing studies and needs.

The participants will receive a final version of the two feasibility studies “CCS potentials in the Nordic region” and “CCS and renewable energy”.

Outcome of the workshop

Contact information:

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Preliminary agenda

Moderator:

09:45 Registration

10:00 Welcome

10:15 Short about Top-level Research Initiative, Marit Larsen, Director Tel-Tek,

10:30 Presentation of EU projects

10:45 Study "CCS potentials in the Nordic region", Sebastian Teir, research scientist

11:30 Discussion

12:00 Lunch

12:45 Study "CCS and renewable energy", Karen Sund, partner, Sund Energy

13:30 Discussion

14:00 Coffee

14:15 Panel discussion – future Nordic CCS call

16:00 End of the day

Organizers and TFI experts

Sub-programme committee

Marit Larsen	Tel-Tek	Norway
Trygve Riis	Norwegian Research Council	Norway
Niels Peter Christensen	Vattenfall A/S	Denmark
Lars Henrik Nielsen	GEUS	Denmark
Pia Salokoski	Tekes	Finland
Ron Zevenhoven	Åbo Akademi	Finland
Ragnheiður Þórarinsdóttir	National Energy Authority	Iceland
Halldór Ármannsson	Iceland Geosurvey	Iceland
Anders Johansson	Swedish Energy Authority	Sweden
Rebecka Engström	VINNOVA	Sweden

Top-level Research Initiative Secretariat

Natalia Grebennik	Nordic Innovation Center	Nordic
Petra Nilsson	Nordic Innovation Center	Nordic

Studies (coordinators)

Sebastian Teir	VTT	Finland
Matti Nieminen	VTT	Finland
Karen Sund	Sund Energy AS	Norway