

**Carbon Sequestration Leadership Forum**

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# **CSLF Task Force for Action Plan 6 Storage and Monitoring for Commercial Projects**

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11 June 2012



## Draft Agenda

- Discussions around the attached document, with emphasis on scope and schedule.
  - Name of Task Force in light of scope
  - Scope, is it too reactive and should we be more proactive?
  - Cooperation with other Task Forces and non-CSLF organisations
  - Your potential contributions.



## *Mandate and history*

- Following Beijing, China (September 19-23, 2011) the CSLF, twelve Actions of its five years Action Plan to Technical Group were proposed.
- Norway took on responsibility for Action Plan 6: Storage and Monitoring for Commercial Projects.
- The formation of a task force to implement Action Plan 6 was proposed and a call to all CSLF Technical Group members was issued February 24, 2012.



## Objective

The Task Force of the Storage and Monitoring for Commercial Projects, TF 6, shall perform regular identification and review of new and updated standards for storage and monitoring of injected CO<sub>2</sub>.

The application of such standards should inform CO<sub>2</sub> crediting mechanisms.



## Proposed Scope

- Identify and review new and updated standards for geological CO<sub>2</sub> storage and monitoring on an annual basis
- Identify and review new and updated guidelines for communication with and engagement of involved communities and regulators on an annual basis.
- Keep track of the work within ISO, where a CCS working group has been established and has recommended global standards on CCS to be elaborated.
- Produce annual summaries of new as well as updated standards, guidelines and best practice documents regarding geological storage of CO<sub>2</sub> and monitoring of CO<sub>2</sub> sites.
- Follow the work of other task forces related to CO<sub>2</sub> storage, e.g.
  - Task Force on Action Plan#7 – Technical Challenges for Conversion of CO<sub>2</sub>-EOR to CCS (Canada).
  - Task Force on Action Plan#1 – Technology Gap Closure (Australia)



## *Deliverables*

The findings of the task force will be reported in annual interim reports by [date], 2012, 2013, 2014 and 2015, with a final report completed by [date], 2016 or whenever the CSLF Technical Group decides to terminate the TF.



## Schedule and milestones (repeated each year 2012 – 2016(?))

- 31. Oct. Input of to annual compilation of standards, guidelines etc from members (name, issuing organisation, list of content, plans for updates)
- 15. Nov. Draft of compilation of standards, guidelines etc
- 01. Dec. Comments from TF on draft
- 15. Dec Annual review to Secretariat

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## Existing standards



A review of existing best practice manuals for carbon dioxide storage and regulation

A desktop study prepared for the Global CCS Institute by CO2CRC

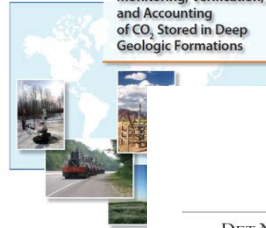
March 2011



the ENERGY lab

BEST PRACTICES for:

Monitoring, Verification, and Accounting of CO<sub>2</sub> Stored in Deep Geologic Formations



DET NORSKE VERITAS

CO2QUALSTORE

Guideline for Selection and Qualification of Sites and Projects for Geological Storage of CO<sub>2</sub>

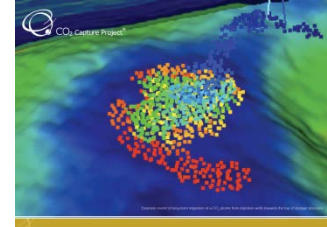
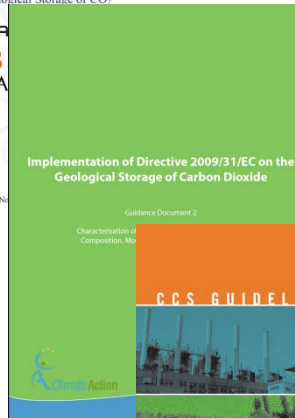


DNV Report No.

Implementation of Directive 2009/31/EC on the Geological Storage of Carbon Dioxide

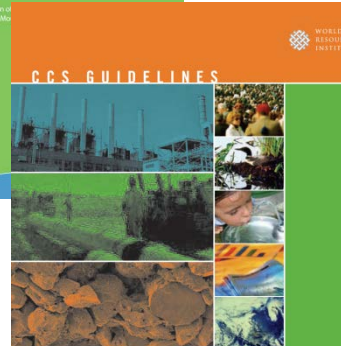
Guidance Document 2

Characterisation of Compositions W4



A Technical Basis For Carbon Dioxide Storage

Members of the CO<sub>2</sub> Capture Project Edited by Cal Cooper, ConocoPhillips



Guidelines for Carbon Dioxide Capture, Transport, and Storage