

Carbon Sequestration leadership forum

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Review of Technical Group Action Plan and Possible New Technical Group Activities

Technical Group Meeting

October 4, 2016

Completed Actions

(previous three years)



- **Technical Challenges for Conversion of CO₂-EOR Projects** *(Final Report in Sept. 2013)*
- **CCS Technology Opportunities and Gaps** *(Final Report in Oct. 2013)*
- **CO₂ Utilization Options** *(Final Report in Oct. 2013)*
- **Review of CO₂ Storage Efficiency in Deep Saline Aquifers** *(Final Report in June 2015)*
- **Technical Barriers and R&D Opportunities for Sub-Seabed CO₂ Storage** *(Final Report in Sept. 2015)*
- **Supporting Development of 2nd and 3rd Gen. CO₂ Capture Technologies** *(Final Report in Dec. 2015)*

Ongoing Actions

(since 2015)



- **Off-Shore CO₂-EOR** *(Final Report due at 2017 Ministerial Meeting)*
- **Bioenergy with CCS** *(Final Report due at 2017 Ministerial Meeting)*
- **Improved Pore Space Utilisation** *(Final Report due at 2017 Ministerial Meeting)*

Future Actions



Industrial CCS

- *France may chair*

Geo-steering and pressure management techniques and applications

- *Pressure Management Techniques was combined into Improved Pore Space Utilisation Task Force*
- *Redefine content*

Possible Future Actions



(continued)

- **Advanced Manufacturing Techniques for CCS Technologies**
- **Dilute stream/Direct Air Capture of CO₂**
- **Global Residual Oil Zone (ROZ) Analysis and Potential for Combined CO₂ Storage and EOR**
- **Study/Report on Environmental Analysis projects throughout the world**
- **Update on non-EOR Utilization Options**
- **Ship Transport of CO₂**
- **Global Scaling of CCS**
- **Compact CCS**
- **Investigation into Inconsistencies in Definitions and Technology Classifications**
- **Capturing CO₂ from Mobile Sources**