



TECHNICAL GROUP

Action Plan Status

Background

This paper, prepared by the CSLF Secretariat, is a brief summary of the Technical Group's current actions, potential actions that have so far been deferred, and completed actions over the past several years.

Action Requested

The Technical Group is requested to review the Secretariat's status summary of Technical Group actions.



CSLF Technical Group Action Plan Status

(as of September 2019)

Current Actions

- CCS for Energy Intensive Industries (*Task Force chair: France*) [*Task Force formed in 2016*]
- Non-EHR CO₂ Utilization Options (*Task Force chair: United States*) [*Task Force formed in 2018*]
- Ad Hoc Committee for Task Force Maximization and Knowledge Sharing Assessment (*Committee chair: United States*) [*Committee formed in 2018*]
- Hub and Infrastructure Task Force (*Task Force chair: Norway*) [*Task Force formed in 2018 and completed initial "Phase 0" activities that reviewed existing reports and presentations. Annual updates to be presented at Technical Group mid-year meetings. Occasionally, there will also be workshops on this topic.*]
- Engagement of Academic Community (*Activity co-chairs: Australia and United Kingdom*) [*Activity initiated in 2019*]

Potential Actions

- Geo-steering and Pressure Management Techniques and Applications [*Note: Geo-Steering was incorporated into Improved Pore Space Utilisation Task Force activities.*]
- 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 CO₂ Utilization Options
- Ship Transport of CO₂
- Investigation into Inconsistencies in Definitions and Technology Classifications
- Compact CCS
- Reviewing Best Practices and Standards for Geologic Monitoring and Storage of CO₂ *
- CO₂ Capture by Mineralization * [*Note: Action on this item has been indefinitely deferred.*]
- Global Scaling of CCS *

** Received a high prioritization score from Working Group on Evaluating Existing and New Ideas for Possible Future Technical Group Actions.*

Completed Actions (since 2013)

- Improved Pore Space Utilisation (*Final Report in April 2019*)
- Hydrogen with CCS (*Final Report in June 2018*) [*Note: Task Force was discontinued after initial "Phase 0" research and literature review activities. One-day workshop to be held at 2019 CSLF Technical Group Annual Meeting.*]
- Bio-energy with CCS (*Final Report in April 2018*)
- Offshore CO₂-EOR (*Final Report in December 2017*)
- Supporting Development of 2nd and 3rd Generation Carbon Capture Technologies (*Final Report in December 2015*)
- Technical Barriers and R&D Opportunities for Offshore Sub-Seabed CO₂ Storage (*Final Report in September 2015*)
- Review of CO₂ Storage Efficiency in Deep Saline Aquifers (*Final Report in June 2015*)
- Reviewing Best Practices and Standards for Geologic Storage and Monitoring of CO₂ (*Final Report in November 2014*)
- CCS Technology Opportunities and Gaps (*Final Report in October 2013*)
- CO₂ Utilization Options (*Final Report in October 2013*)
- Technical Challenges for Conversion of CO₂-EOR Projects to CO₂ Storage Projects (*Final Report in September 2013*)