



## **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 August 2018)

### Current Actions

- Improved Pore Space Utilisation (*Task Force co-chairs: Australia and United Kingdom*)
- CCS for Industries (*Task Force chair: France*)
- Non-EOR CO<sub>2</sub> Utilization Options (*Task Force chair: United States*)
- Ad Hoc Committee for Task Force Maximization and Knowledge Sharing Assessment (*Committee chair: United States*)

### Potential Actions

- Geo-steering and Pressure Management Techniques and Applications [*Note: Geo-Steering has been incorporated into Improved Pore Space Utilisation action.*]
- Advanced Manufacturing Techniques for CCS Technologies
- Dilute Stream / Direct Air Capture of CO<sub>2</sub>
- Global Residual Oil Zone (ROZ) Analysis and Potential for Combined CO<sub>2</sub> Storage and EOR
- Study / Report on Environmental Analysis Projects throughout the World
- Update on Non-EOR CO<sub>2</sub> Utilization Options
- Ship Transport of CO<sub>2</sub>
- Investigation into Inconsistencies in Definitions and Technology Classifications
- Compact CCS
- Reviewing Best Practices and Standards for Geologic Monitoring and Storage of CO<sub>2</sub> \*
- CO<sub>2</sub> Capture by Mineralization \*
- 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 (previous five years)

- Hydrogen with CCS (*Final Report in June 2018*) [*Note: Task Force was discontinued after initial "Phase 0" activities.*]
- Bio-energy with CCS (*Final Report in April 2018*)
- Offshore CO<sub>2</sub>-EOR (*Final Report in December 2017*)
- Technical Challenges for Conversion of CO<sub>2</sub>-EOR Projects to CO<sub>2</sub> Storage Projects (*Final Report in September 2013*)
- CCS Technology Opportunities and Gaps (*Final Report in October 2013*)
- CO<sub>2</sub> Utilization Options (*Final Report in October 2013*)
- Reviewing Best Practices and Standards for Geologic Storage and Monitoring of CO<sub>2</sub> (*Final Report in November 2014*)
- Review of CO<sub>2</sub> Storage Efficiency in Deep Saline Aquifers (*Final Report in June 2015*)
- Technical Barriers and R&D Opportunities for Offshore Sub-Seabed CO<sub>2</sub> Storage (*Final Report in September 2015*)
- Supporting Development of 2<sup>nd</sup> and 3<sup>rd</sup> Generation Carbon Capture Technologies (*Final Report in December 2015*)