



2016 CSLF Technical Workshop

Room K, Fukuracia Tokyo Station,
5th floor, Asahi-seimei Otemachi Building, Otemachi 2-6-1, Chiyoda-ku,
Tokyo, Japan
5 October 2016

The CSLF Technical Workshop is aimed at promoting knowledge sharing regarding CCUS technology for CCUS experts, including CSLF delegates. The first session is designed to facilitate potential and ongoing CSLF taskforces – industrial CCS, offshore EOR and improved pore space utilization. Session 2 is arranged to enhance knowledge sharing from existing five large-scale CCS projects, most of which are CSLF recognized projects. The final session places the focus on the future of industrial CCS, looking into potential projects and infrastructure to be required for its wider deployment. The workshop is also expected to expand and strengthen expert network toward wider CCUS deployment in future.

The length of each presentation is 30 minutes, including 5-minute Q&A session.

8:30-9:00 Registration

9:00-9:20 Opening Session

- **Opening Address**
Kenji Yamaji, RITE

9:20-10:20 Session 1: Input to Ongoing and Potential CSLF Taskforces

Session Chair: *Richard Lynch, CSLF Secretariat*

- **Overview of industrial CCS**
Alex Zapantis, GCCSI
- **Offshore CO₂-EOR Pilot Project in Vietnam**
Yohei Kawahara, JX Nippon Oil & Gas Exploration

10:20-10:50 Coffee Break (Room L)

10:50-11:20 Session 1: Input to Ongoing and Potential CSLF Taskforces (*continued*)

Session Chair: *Richard Lynch, CSLF Secretariat*

- **Micro bubble CO₂ injection**
Ziqiu Xue, RITE



11:20-12:20 Session 2: Lesson Learned from Large-Scale CCS Projects

Session Chair: *Lars Ingolf Eide, Research Council of Norway*

- **Uthmaniyah CO₂-EOR Demonstration Project**
Ammar Alshehri, Saudi Aramco
- **Illinois Decatur Basin Project**
Sallie Greenberg, University of Illinois

12:20-13:45 Lunch (Room L, sponsored by GCCSI)

13:00-13:45 Poster Session (Room L)

13:45-15:15 Session 2: Lesson Learned from Large-Scale CCS Projects (*continued*)

Session Chair: *Lars Ingolf Eide, Research Council of Norway*

- **Lacq Integrated CCS Project**
Dominique Copin, Total
- **Petra Nova CCS Project**
Greg Kennedy, NRG Energy
Tatsuya Tsubatani, JX Nippon Oil & Gas Exploration
- **Plant Barry CO₂ Capture Project**
Takashi Kamijo, Mitsubishi Heavy Industries (MHI)

15:15-15:45 Coffee Break (Room L)

15:45-17:15 Session 3: Future of Industrial CCS

Session Chair: *Ryozo Tanaka, RITE*

- **Industrial CCS Feasibility Studies in Norway**
Trude Sundset, Gassnova
- **CO₂-Free Hydrogen Supply Chain**
Ryo Chishiro, Kawasaki Heavy Industries (KHI)
- **Hubs and Clusters for Industrial CCS**
John Thompson, Clear Air Taskforce

17:15-17:30 Closing Session

- **Wrap-up**
Ryozo Tanaka, RITE
- **Closing Remarks**
Åse Slagtern, CSLF Technical Group Chair

17:30-19:00 Reception (Room L, hosted by RITE)