

International CCS Symposium for Low-Carbon Society

January 7, 2016
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“International CCS Symposium for Low-Carbon Society” will be held on January 26, 2016 under the sponsorship of Ministry of the Environment (MOE).

1. Symposium Outline:

At the 21st session of the Conference of the Parties to the United Nations Framework Convention on Climate Change (COP21), the “Paris Agreement” which includes the long-term goal for the prevention of global warming was adopted. To reduce the CO₂ emissions and shift to low-carbon society, drastic energy saving and maximum use of renewable energy are required. Moreover, it is expected to apply Carbon Capture and Storage (CCS) technology to large-scale emission sources such as coal-fired power plants that will continue to emit huge amount of CO₂ for the long term through their continuing operation.

The Government is committed to support the acceleration of CCS’s technological development, aiming for the commercialization by around 2020. The Government also promotes a geological investigation to early select potential storage sites that is the prerequisite for CCS introduction. To promote the introduction, investigations should be carried out considering an environmental conservation and the country's features such as widespread large-scale emission sources across the country and actively-used coastal areas.

In this context, MOE started “Feasibility Study for the Introduction of Sustainable CCS Technology” in FY 2014. This includes the evaluation of environmental impacts arising from the CO₂ separation and capture process, the study of elemental technology/system of transportation and injection using shuttle ships which are expected to realize the effective CO₂ transportation from onshore emission sources to storage sites, and the investigation of effective methods for smooth CCS introduction.

As a part of the Feasibility Study, MOE will host “International CCS Symposium for Low-Carbon Society” as it did last year. In the symposium, presentations will be given by policymakers and experts of Japan and other key countries in this field, including efforts toward smooth CCS introduction. MOE hopes that this symposium will promote the understanding and deepen the discussion on the CCS introduction.

2. Date: January 26, 2016; 10:00-17:00 (Registration starts at 9:30)

3. Venue: The Grand Hall

(Grand Central Tower 3F, 2-16-4 Konan, Minato-ku, Tokyo)

4. Seating Capacity: about 200

5. Host: MOE

6. Secretariat: Mizuho Information & Research Institute, Inc.

7. Cooperation: Global Carbon Capture and Storage Institute (GCCSI)

8. Language: Japanese and English (with simultaneous interpretation)

9. Program (tentative):

MC: **Dr. Makoto Akai** (National Institute of Advanced Industrial Science and Technology)

Time	Section	Speaker Theme
10:00-10:05	Official Welcome	Mr. Shigemoto Kajihara (Global Environmental Bureau, MOE)
10:05-11:35	Keynote address	Mr. Takeshi Sekiya (Low Carbon Society Promotion Office, Global Environmental Bureau, MOE) Climate change policy in Japan
		Dr. Nick Hutson (US Environmental Protection Agency) Policy and regulatory framework of fossil fuel power plant and CCS in US
		Ms. Clare Penrose (GCCSI) COP21 and CCS trends and Australian policy
11:35-13:00	(Lunch)	
13:00-14:10	Speech	(TBD) Offshore CCS policy (tentative)
		Dr. Toru Sato (Univ. of Tokyo) Environmental impact assessment technologies of offshore CCS
14:10-14:40	(Coffee break, poster session)	
14:40-15:50	Speech	Ms. Kirsty Anderson (GCCSI) Social aspects of CCS project (tentative)
		Dr. Shoji Tsuchida (Kansai Univ.) Risk communication on science and technology
15:50-17:00	Panel discussion	Moderator: • Dr. Shuichiro Hirai (Tokyo Institute of Technology) Panelist: • Mr. Takeshi Sekiya (MOE) • Dr. Shoji Tsuchida (Kansai Univ.) • Dr. Nick Hutson (US Environmental Protection Agency) • Mr. Ian Havercroft (GCCSI) • Ms. Kirsty Anderson (GCCSI) Eliminating barriers for the introduction of CCS
17:00	Ending	

* See the symposium website (<http://www.ccs-symposium.jp/>) for the latest information.

10. Pre-registration:

This symposium is open to public. To participate in this symposium, please visit the symposium website (<http://www.ccs-symposium.jp/>) to register online. Please be aware that the registration will be processed on a first-come, first-served basis. After reaching the full capacity (200 persons), the registration will be closed.