

**COP25 (The 25th Conference of the Parties to the United Nations Framework Convention on Climate Change (December 2–15, 2019, Madrid, Spain))**



**# TIME FOR ACTION**

The UN Climate Change Conference COP25 was held in Madrid, Spain. More than 20,000 participants including government negotiators from 197 countries and the EU, as well as NGO, private companies, and academia. The plenary meetings were chaired by Ms. Carolina Schmidt, Ministry of Environment, Chile and discussions were held day and night in order to reach agreements among nations to address the challenges of the climate change. In the country pavilions, various sessions were held on immediate issues.



**Speeches at China Pavilion CCUS Event 「Practices and Prospects」 (METI, Japan CCS)**

On December 6, Mr. Kawaguchi, Director, Global Environment Partnership Office, METI, presented at the CCUS event hosted by the Chinese government (Ministry of Ecological Environment), and co-hosted by Global CCS Institute, Asian Development Bank, China CCUS Professional Committee, and Northwest University in China and spoke about the prospect of CCUS in a panel discussion. Japan CCS made a keynote speech on the Tomakomai CCS Demonstration Project.



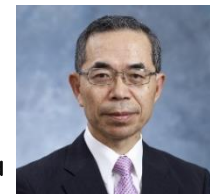
Mr. Yoshihiro Sawada, Japan CCS      Mr. Yukihiro Kawaguchi, METI (right)

**COP25 Global CCS Institute launched flagship report “The Global Status of CCS 2019”**

On December 9, 2019, at COP25, Mr. Brad Page, CEO of the Global CCS Institute released its flagship report "Global Status of CCS 2019", stating that the global CCS development had gathered pace in 2019, but that much more was needed to achieve Paris Agreement goals. The Tomakomai CCS Demonstration Project was noted as having achieved its target of 300,000 tonnes CO<sub>2</sub> injection under the leadership of the government. Also, in this report, Shoichi Ishii, President of Japan CCS Co., Ltd., as CCS Ambassador, expresses his determination to take the next step based on the experience acquired in the Tomakomai.

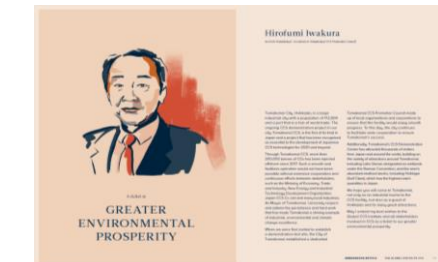
**Shoichi Ishii, President, Japan CCS Co., Ltd.**

Since 2012, Japan CCS has been steadily accumulating numerous results and achievements in the Tomakomai CCS Demonstration Project, under the leadership of the Japanese Government and the warm support and cooperation of the people of Tomakomai City, led by Mayor Iwakura. We will endeavor towards the improvement of our technical capabilities and the large-scale deployment of CCS in Japan and abroad. While aiming to proceed to the next step in CCUS which takes into perspective the efficient use of CO<sub>2</sub>, we will continue our international activities in order that the achievements of the Tomakomai CCS Demonstration Project are shared and effectively utilized not only in Japan but also abroad as pioneering accomplishments in offshore sub-seabed CO<sub>2</sub> storage, and in doing so make a small contribution towards the mitigation of global warming.



**At the COP24: Global CCS Institute launched flagship report “Global Status of CCS 2018” including a message from the Mayor of Tomakomai City (December 11, 2018)**

At the 24th Conference of the Parties (COP24) in Katowice, Poland on December 11, 2018, the Global CCS Institute released its flagship report “Global Status of CCS 2018” in a well-attended media conference. The annual report documents the current status of CCS around the world and significant operational milestones over the past 12 months. The report includes a message from Tomakomai Mayor Iwakura which was delivered worldwide.



Portrait and message of mayor Hirofumi Iwakura

**International Recognition of Tomakomai CCS Demonstration Project at COP25 (The 25th Conference of the Parties to the United Nations Framework Convention on Climate Change)**

~SAVING OUR BEAUTIFUL PLANET WITH CCS~

UNFCCC COP25  
JAPAN PAVILION

SAVING OUR BEAUTIFUL  
PLANET WITH  
CCS

JAPAN's Events on  
Carbon dioxide Capture & Storage

Part 1: December 4 13:00-14:30  
Hosted by Toshiba Energy Systems & Solutions Corporation  
Mizuho Information & Research Institute, Inc.  
Co-hosted by Ministry of the Environment, Government of JAPAN

Part 2: December 13 10:30-12:00  
Hosted by Japan CCS Co., Ltd.  
Co-hosted by Ministry of Economy, Trade and Industry of JAPAN  
New Energy and Industrial Technology Development Organization

JAPAN PAVILION  
Action. Action. Action.

Venue: COP25 Japan Pavilion (Madrid, Spain)  
Date: December 13, 2019 10:30-12:00  
Host: Japan CCS Co., Ltd.  
Co-hosts: Ministry of Economy, Trade and Industry of Japan (METI)  
New Energy and Industrial Technology Development Organization (NEDO)  
Speakers: Mr. Yukihiro Kawaguchi, Director, Global Environment Partnership Office, Ministry of Economy, Trade and Industry  
Mr. Tim Dixon, General Manager, IEAGHG  
Mr. John Scowcroft, Consultant, Global CCS Institute  
Ms. Katherine D. Romanak, Research Scientist, The University of Text at Austin  
Mr. Yoshihiro Sawada, Japan CCS Co., Ltd.  
Moderator: Mr. Jiro Tanaka, Japan CCS Co., Ltd.

January 2020  
Japan CCS Co., Ltd.



# Hosted CCS event at COP25 JAPAN Pavilion

## 「SAVING OUR BEAUTIFUL PLANET WITH CCS」

Date: December 13, 2019 Host: Japan CCS Co., Ltd.  
Co-hosts: Ministry of Economy, Trade and Economy (METI)  
New Energy and Industrial Technology Development Organization (NEDO)

COP25, held in Madrid, Spain in December 2019, was an important international conference where the ministers of the 197 contracting parties to the Framework Convention on Climate Change (UNFCCC) and the European Union, and government negotiating groups held discussions on the agreements to mitigate global warming. Japan CCS hosted a CCS Seminar (co-hosted by METI and NEDO) at the Japan Pavilion, and announced to the participants from around the world the achievement of 300,000 tonnes of CO<sub>2</sub> injection at the Tomakomai CCS Demonstration Project, and introduced a message from Tomakomai Mayor Mr. Iwakura on this achievement.



Presentation by Mr. Yukihiro Kawaguchi, Director, Global Environment Partnership Office, METI  
Mr. Kawaguchi delivered the message that Japan has been steadily progressing CCS technology development through the Tomakomai CCS Demonstration Project, and that CCS is an important measure in Japan's long-term strategy based on the Paris Agreement.



Mr. John Scowcroft

Mr. Tim Dixon

Dr. Katherine Romanak

Left) Mr. John Scowcroft, Global CCS Institute

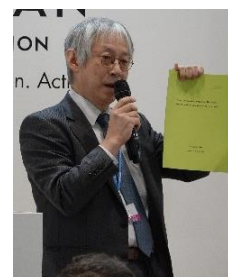
“The Tomakomai Project has demonstrated safe and secure operation of CCS in the vicinity of large city, and in spite of a major earthquake. The project is really a textbook example of how to get community involvement and engagement, which brings permission to operate.”

Center) Mr. Tim Dixon, General Manager, IEAGHG

“In IEAGHG’s role of sharing learnings from actual CCS projects, the Tomakomai Project has made a major contribution through its participation in our workshops and conferences.”

Right) Dr. Katherine Romanak, University of Texas

“The message of Mayor Iwakura is very impressive, and we sincerely subscribe to his commitment to addressing global warming. We need international collaboration on actual projects that facilitate a much higher level of learning and technology to ensure the success we are looking for, the global goal to reach our climate targets.”



Moderator :  
Mr. Jiro Tanaka  
Japan CCS

Ms. Setsuko Wakabayashi, NEDO  
(Center)

Speakers of the Seminar

### A message from Mr. Hirofumi, Iwakura, Tomakomai Mayor Regarding the achievement of 300,000 tonnes of cumulative CO<sub>2</sub> injection in the Tomakomai large-scale CCS Demonstration Project (November 25, 2019)

Today, the Ministry of Economy, Trade and Industry (METI), New Energy and Industrial Technology Development Organization (NEDO), and Japan CCS Co., Ltd. announced that on November 22, 2019, the Tomakomai CCS Demonstration Project achieved the initial target of 300,000 tonnes of cumulative CO<sub>2</sub> injection.

CCS is an important technology as a countermeasure against global warming. The smooth and faultless operation of the project to this day would not have been possible without the united efforts of the stakeholders, including METI, NEDO, and Japan CCS – the implementers of the project, as well as locally, the fishery cooperatives, industries and organizations, who with the understanding of the residents of Tomakomai, provided their tireless efforts. I am extremely pleased to hear this announcement.

The Tomakomai Project is the first large-scale CCS demonstration project in Japan, and the data and knowledge acquired is certain to play an important role in advancing CCS in Japan. Tomakomai City will continue supporting this project, with the aim of nurturing understanding for CCS in our region and consciousness of our environment, in order that Tomakomai may play a leading role towards the establishment of a lowcarbon society where the global environment and a thriving local economy can co-exist.

Source: Message from Tomakomai Mayor Hirofumi Iwakura: Regarding the achievement of 300k tonnes of cumulative CO<sub>2</sub> injection in the Tomakomai large-scale CCS Demonstration Project (November 25, 2019), Tomakomai City website. The English version is a translation of the original message in Japanese, translated by Japan CCS. Courtesy of Tomakomai City



Tomakomai Mayor  
Hirofumi Iwakura



Exhibition space of Japan Pavilion



Japan CCS Seminar



Mr. Yoshihiro Sawada, Japan CCS

### Mr. Yoshihiro Sawada, General Manager of International Relations Dept., Japan CCS

“In the Tomakomai Project, we are conducting Japan’s first demonstration of a full-chain CCS project from capture and storage utilizing state-of-the-art technology in a safe and secure manner under the warm support and cooperation of the Tomakomai citizens.”