

December 22, 2017

COP23 Side Event Report Achieving Sustainable Development Goals (SDGs) through technology innovation, deployment, and transfer

Overseas Environmental Cooperation Center, Japan
Prepared by Yuriko Koyanagi

This is a report of a side event held at the 23rd Session of the Conference of the Parties to the UNFCCC (COP23) from November 6th to 17th 2017, in Bonn, Germany.

- Title: Achieving Sustainable Development Goals (SDGs) through technology innovation, deployment, and transfer
- Date and Time: Thursday, 9 November 2017, 10:30-12:00
- Organizers: The Overseas Environmental Cooperation Center, Japan (OECC) and United Nations University Institute for the Advanced Study of Sustainability (UNU-IAS)
- Venue: Japan Pavilion
- Facilitator: Prof. Dr. Kazuhiko Takemoto (Director of UNU-IAS / President of the OECC)
- Presenters: Mr. Sum Thy (Director of Climate Change Department, Ministry of Environment, Cambodia), Mr. Dicky Edwin Hindarto (Head of Indonesia JCM Secretariat), Mr. Kimihiro Kuromizu (Executive Director for Climate Change Policy Headquarters, City of Yokohama), Ms. Yuriko Koyanagi (Researcher, OECC), Mr. Makoto Kato (Principal Researcher, OECC)

■ Key messages

- The JCM is one of the effective tools for technology innovation, deployment, and transfer which respond to the needs of developing countries.
- Through technology innovation, deployment and transfer, making use of bilateral scheme such as the JCM and multilateral fund like Global Environment Facility (GEF), financial sources could be diversified and can contribute to achieve the Nationally Determined Contributions (NDCs) efficiently in an ambitious manner.
- In Indonesia and Viet Nam, the JCM has paved the way for local entities' investment and action for low-carbon development – that is to say, ratchet-up mechanism for sustainable development is emerging.

■ Session summary

- Prof. Dr. Kazuhiko Takemoto furnished participants with examples of linkage between SDGs and climate change: renewable energy contributing to community development,

December 22, 2017

and city-to-city cooperation in a smooth and flexible manner.

- Mr. Sum Thy touched upon Cambodia's NDC which is under formulation stage and Cambodia's localized SDG Goal 13: Climate Change. He emphasized economic/social/environmental benefits gained through TEST Methodology Project which is registered under GEF. These 3 benefits would support Cambodian industries to contribute to achieve NDC's conditional target.
- Mr. Dicky Edwin Hindarto stressed that Indonesia JCM Secretariat was very confident that the JCM contributes to Sustainable Development (SD). Total investment of JCM projects in Indonesia is 150 million USD for 29 projects and 113 Million USD is coming from Project Participants of the Indonesian side.
- Mr. Kimihiro Kuromizu highlighted several energy management efforts contributing to disaster-resilient city. Flagship projects with Bangkok City, Da Nang City, and Cebu City have been implemented effectively through combination of several funding schemes such as the JCM, JICA and so on.
- Inspired by OECC's experience in horizontal development of Amorphous Transformers Projects across Viet Nam, Ms. Yuriko Koyanagi shared ratchet-up mechanism toward self-reliant growth making use of the JCM. Success of first projects pushed other power companies to follow the action.
- Mr. Makoto Kato introduced low-carbon technology assessment for Viet Nam's NDC. Amongst 143 mitigation options, 100 options including F-gas are newly suggested and 61 options have relatively smaller barriers, which should be prioritized to raise ambition.
- By learning from leading key players, the floor and panelists shared expectations on integration of SD in the market based mechanisms. Prof. Dr. Kazuhiko Takemoto concluded the session by saying that the JCM is an initial action to exercise a lot of benefits and it is a new agenda to realize SDGs through the JCM.