

Special Session (SP-3)

SWM business perspectives in Asian region

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OUTLINE OF THE SESSION

This session will summarize the perspective projects of private investment-based technology transfer of Japanese waste management and recycling industries into developing Asian countries, taking into account business conditions such as applicability to the local environment, sustainable management and operation, and long-term feasibility of the system. Any technology transfer project should provide concrete solutions to problems and address requirements for recipient organizations, municipalities or countries, while at the same time paying attention to the trends of competing donor countries or local companies. Past experience on the technology transfer showing stable operations, successful management of operational systems, and its demonstration of proficient risk evaluation are considered to be the strengths of Japanese-origin technology and management systems. By contrast, these points are also directly linked to low-cost competitiveness and prolonged decision making which are seen as the significant weaknesses of Japanese industries, when compared to competing countries. Of course, a minimum of effort toward enforcement of cost competitiveness is essential, but more important is the positive and aggressive strengthening of Japan's overall waste management and recycling industry. In other words, the Japanese waste management and recycling industry needs to be re-branded to represent current values as a practical contributor to the development of society.

In this session we are going to learn about the strategic technology transfer of waste management and recycling activity, and to discuss on the enable and disable factors on the implementation of the technology in the recipient's societies. The way to harmonize the ideal requirements by the local municipality or government and the practical solution given by the projects must be also discussed in this session.

(Keywords)

Japanese waste management and recycling industry, international technology transfer, strength and weakness of technologies and systems, reverse innovation

Date and venue

14:45-16:15, 16 March, 2020

at Main hall of Tsukuba Convention Center, 2-20-3, Takezono, Tsukuba, Ibaraki, 305-0032, Japan

Presentation

Keynote presentation (30 min.)

Overview of International Cooperation on Waste Management and Recycling

Mr. Masayoshi Kurisu, Ministry of the Environment, Japan

Presentation on Good Practices and Case Studies (15 minutes each)

1. Appropriate management of industrial waste in Asia (tbd)

Mr. Jun Yamamoto, DOWA ECO-SYSTEM

2. Business perspectives on Waste to Energy in Asia (tbd)

Japan Environmental Facilities Manufacturers Association (JEFMA)

3: Urban waste management with PPP scheme in Thailand (tbd)

Dr. Hideo Azuma

Discussion (15 min.)