

Program
Workshop on Promoting Environmentally Sustainable Smart Cities
15–18 October 2018, COEX Intercontinental, Seoul

Day 1. 15 October 2018 (Monday)

Venue: Intercontinental Seoul COEX

09:30–10:00 Registration of participants

10:00–10:45 Opening Ceremony (Venue: Diamond Hall)

Opening remarks

- Mr. Hun Kim, Director General, South Asia Regional Department, Asian Development Bank (ADB)
- Mr. Changheum Lee, Director General of Environmental Industry & Technology Department, Ministry of Environment
- Mr. Kwanghee Nam, President, Korea Environmental Industry & Technology Institute (KEITI)
- Mr. Doosoo Park, Vice President, Korea Water Resources Corporation (K-water)

Introduction of participants representing ADB developing member countries

Group photo

10:45–11:00 Coffee Break

11:00–11:05 The KEITI International Cooperation Program for South Asia, by Ms. Namhee Kim, Program Manager of Overseas Business Office, KEITI

11:05–12:30 Session 1: Water Supply

- Smart Water System of Seoul, by Mr. Youngjune Choi, General Manager, Seoul Metropolitan Government
 - K-water's Smart Water Management Cases in Developing and Developed Countries, by Mr. Eunher Shin, Principal Researcher, K-water
 - Smart technology use in Dhaka Water Supply and Sewerage Authority (DWASA), by Mr. Md Mohammad Mahmudul Islam, Project Director, DWASA
 - ICT-based Water Leakage Control, by Mr. Kwangshuk Oh, Director, Total U-city Solutions
 - Multipurpose Water Purification System for Water Programs in Small Towns, by Mr. Seunghyun Ban, President, O2&B Co., Ltd.
 - Q&A moderated by Ms. Neeta Pokhrel, Principal Urban Development Specialist, ADB
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12:30–13:30 Lunch

13:30–13:35 ADB Support for Urban Development in South Asia, by Mr. Sekhar Bonu, Director, South Asia Urban and Water Division, ADB

13:35–15:00 Session 2: Wastewater Management

- Overview of Wastewater Management in Republic of Korea, by Mr. Eun Namkung, Professor, Institute of Construction & Environmental Engineering, Seoul National University
- Wastewater Management in Kolkata, by Ms. Neeta Pokhrel, Principal Urban Development Specialist, ADB
- Implementation of Wastewater Project in Southern Asian Countries, by Mr. Jiyong Park, Manager, Dohwa Engineering Co., Ltd.

- Sewage Water Recycling System, by Mr. Jongeon Kim, General Manager, Conway Entech
- Q&A moderated by Ms. Jingmin Huang, Principal Urban Development Specialist, ADB

14:45–15:00 Coffee Break

15:00–16:20 Session 3: Solid Waste Management

- Best Practice on Waste Management in Korea, by Mr. Heedong Kwon, Senior Manager, Sudokwon Landfill Site Management Corporation
- Improving Solid Waste Management in the Greater Malé Region, by Mr. Mohamed Hamdhan, Assistant Project Coordinator, Ministry of Environment and Energy, Maldives, and Mr. Luca Di Mario, Urban Development Specialist, ADB
- Solid Waste Management in Nepal, by Mr. Parag Kayastha, Ministry of Urban Development, Nepal, and Mr. Naresh Giri, Senior Urban Program Officer, ADB
- Technologies for Integrated Solid Waste Treatment, by Mr. Shinhyun Kang, General Manager, Kunhwa Engineering & Consulting Co. Ltd.
- Small-scale Waste Treatment Technologies for South Asia, by Mr. Taeheon Kwak, Chairman, Korea Incinerator Co., Ltd.
- Q&A moderated by Mr. Sanjay Joshi, Principal Urban Development Specialist, ADB

16:20–17:00 Discussion with the Private Sector in the Republic of Korea

18:30–20:00 Welcome Cocktails Hosted by KEITI (Venue: Jupiter Hall)

Day 2. 16 October 2018 (Tuesday)

Venue: Intercontinental Seoul COEX and site visits

09:30–12:00 Session 4: Urban Development and Transportation

- Urban Development in Korea, by Mr. Joon Park, Assistant Professor, University of Seoul
- Smart City Policy and Future Direction, by Mr. Jaeyong Lee, Director of Smart & Green City Research Center, Korea Research Institute for Human Settlements
- Smart Waterfront City, by Mr. Doshik Yang, Director of Future City Center, K-water
- India Smart City Mission, Sanjay Joshi, Principal Urban Development Specialist, ADB
- Land Pooling for Sustainable Urban expansion in Bhutan, by Mr. Jigme Dorji, ADB Project Manager, Ministry of Works and Human Settlements, Royal Government of Bhutan, and Ms. Shinjini Mehta, Urban Development Specialist, ADB
- Smart Urban Development Project Case Study, by Mr. Sanghyun Lee, Senior Urban Planner, Dohwa Engineering Co., Ltd.

10:40–10:50 Coffee break

- ICT-enabled Transport System for Developing Countries, by Mr. Taehyung Kim, Head of Division for Smart City & Transport, Korea Transport Institute
- Urban Transportation Initiatives in Sri Lanka, by Mr. R.M.S.P Rathnayake, Additional Secretary, Ministry of Transport and Civil Aviation
- Interoperable T-money System, by Mr. Joongkwon Oh, Manager, Korea Smart Card Co., Ltd.
- Q&A moderated by Ms. Alexandra Vogl, Senior Urban Development Specialist, ADB

12:00-13:30 Lunch

13:30-17:00 Site visit 1 and 2

13:30 Leave for Seoul Metropolitan Water Supply Operation Center

Site visit 1: Seoul Metropolitan Water Supply Operation Center

15:30 Move to Transportation Center in Anyang

Site visit 2: Transportation Center in Anyang

17:00 Move to Insadong

Visit Insadong

20:00 Leave Insadong for the hotel

Day 3. 17 October 2018 (Wednesday)

Visit K-water HQ in Daejeon City, Hanam Union Park, and Dae-Chung Multipurpose Dam

08:30-18:00

Site visits 3, 4, and 5

08:30 Leave hotel for the Hanam Union Park (Sewage Treatment + Waste to Energy)

Site visit 3: Hanam Union Park (Sewage Treatment + Waste to Energy)

10:00 Move to Daejeon City

Lunch hosted by K-water (at a restaurant near K-water)

13:40 Move to K-water Headquarters

Site visit 4: K-water HQ facilities

- Water Quality Research Center
- Water Management Information Center

15:00 Move to Daechung Multipurpose Dam

Site visit 5: Visit Daechung Multipurpose Dam

Return to the hotel

Day 4. 18 October 2018 (Thursday)

Visit Songdo International City, KEITI Incubation Center and Sudokwon Landfill site

08:30-16:30 Site visits 6, 7, and 8

08:30 Leave for the Songdo International City

Site visit 6: Songdo International City

- Observation deck and control room

12:00 Move to KEITI Incubation Center

12:40 Lunch at KEITI Incubation Center

Site visit 7: KEITI Incubation Center Tour

- Demonstration of Rapid Water Treatment Technology

14:20 Move to the Sudokwon Landfill Site

Site visit 8: Sudokwon Landfill Site

- Visit landfill site and office

16:30 Depart to hotel

October 19

Departure of delegates from Seoul