

Fiscal Year 2016 Activity Report

The activities of the Japan Sanitation Consortium (JSC) outlined below are as stipulated in article 4 of JSC's Term of References:

- (1) Networking
- (2) Information gathering
- (3) Knowledge dissemination and information sharing
- (4) Support to international donor organizations

The results of the FY 2016 business activities are reported hereafter.

1. NETWORKING

(Cooperation with international organizations, creation of a network of sanitation related organizations and bodies from each country)

1.1 Networking based on the work commissioned by the Ministry of Land, Infrastructure, Transport and Tourism (MLIT)

JSC provided assistance for the holding of the following meetings in association with the project commissioned by MLIT: 'Investigation Assignment for the Construction of a Network with Overseas Government Bodies in the Field of Sewage Works' (project period: from 23 April 2016 to 24 March 2017; joint venture with Mitsubishi Institute Inc.):

- 1) Intergovernmental Consultation with Indonesia Public Project - Ministry of Public Works and Housing (PU), 30 June 2016, Jakarta, Indonesia
- 2) 9th Japan-Vietnam Regular Consultation, 27 July 2016, Nagoya, Japan
- 3) Conference on Watershed Management for Controlling Municipal Wastewater in South East Asia, 28-29 July 2016, Nagoya City, Shiga Prefecture, Japan
- 4) Indonesia: Japan-Indonesia Meeting with Vice-Minister of Construction (Sewage Works WG), 22 February 2017, Jakarta, Indonesia
- 5) Japan-Vietnam Sewage Works Seminar and 10th Regular Consultation, 6 March 2017, Ho Chi Minh, Vietnam

2. INFORMATION GATHERING

(Creation of a sanitation database for the Asia-Pacific Region and execution of country assessments for sanitation improvement in each country of the region)

2.1 Asia-Pacific Water Forum Governing Council Meeting

Mr. Kazushi Hashimoto, JSC Advisor, attended the 19th Asia-Pacific Water Forum (APWF) Governing Council Meeting held in Singapore on 13 July 2016 in which he expressed JSC's views on sanitation and wastewater management in the Asia-Pacific region.

Mr. Pierre Flamand, JSC Manager of International Affairs, participated at the following APWF Governing Council Meeting – the 20th – convened in Singapore on 18 January 2017 to share JSC's position on the debated issues. The meeting focused on the 3rd Asia-Pacific Water Summit and the Regional Process of the 8th World Water Forum, which will be held in Brasilia, Brazil, from 18 to 23 March 2018. During the meeting was revealed the city and country that may potentially host the 3rd Asia-Pacific Water Summit – Yangon City in Myanmar – and was made a preliminary selection of the organizations that will lead each theme of the 8th WWF Regional Process.

3. KNOWLEDGE DISSMINATION AND INFORMATION SHARING

(Diffusion of sanitation knowledge and experiences from developed countries; and organization of international seminars to exchange information and knowledge with developing countries)

3.1 Workshop on Johkasou and Distributed Sanitation in Hungary

From 23 to 28 June 2016 was held in Budapest, Hungary, a workshop to promote the diffusion of domestic wastewater treatment systems in Central and Eastern Europe. Mr. Pierre Flamand, JSC Manager of International Affairs, attended this event for which the Institute for Global Environmental Strategies (IGES) was the Secretariat on the Japanese side. Following the workshop, a field assessment was carried out along the Lake Balaton, an area that the government of Hungary wants to preserve from wastewater pollution, to inspect the decentralized wastewater systems that are currently used and identify the issues related to wastewater management as well as the potential of introducing the Johkasou system in this country.

3.2 Japan-China Joint Seminar on Technologies and Policy for Wastewater Treatment in Agricultural Communities

On 13 July 2016 at the Southwest University of Science and Technology (SWUST) in Mianyang (Sichuan, China), Japan's Ministry of the Environment (MOE), the Japan Education Center of Environmental Sanitation (JECES) and SWUST jointly held the above-mentioned seminar. Dr. Shinhi Kumokawa and Mr. Satoru Takahashi from JECES participated at this event, in which Dr. Kumokawa made a presentation on the operation and maintenance of Johkasou.

3.3 4th International Workshop on Decentralized Domestic Wastewater Treatment in Asia

The above-noted event, hosted by Japan's Ministry of the Environment (MOE) and for which the Japan Education Center of Environmental Sanitation (JECES) acted as the Secretariat, was held in Jakarta, Indonesia, on 27-28 September. Mr. Kazushi Hashimoto, JSC Advisor, made a presentation on the success stories and issues related to decentralized wastewater treatment in Asia. In addition, Mr. Hashimoto and Dr. Shinhi Kumokawa (JECES) chaired the session that followed the presentations.

3.4 Discussion on SDG 6.3 'halving the proportion of untreated wastewater' between WHO and Japanese stakeholders (MOE, MLIT, JICA and JSC)

Originating from an issue identified by JSC in the proposed SDG monitoring method to estimate the amount of treated/untreated wastewater, JSC was part of the Japanese delegation (which also included MOE, MLIT and JICA) that met at the Japan International Cooperation Agency (JICA) Headquarters Dr. Rifat Hossain (technical expert for public health and the environment at the World Health Organization) during his visit to Japan. During this meeting, opinions were exchanged on the establishment of a monitoring method for the pilot assessments of the SDG target 6.3 ("halving the proportion of untreated wastewater") and the joint holding of an international conference.

3.5 Attendance at ADB - Yokohama Business Seminar

On the occasion of the Asia-Infrastructure Business Seminar held in Yokohama on 17 November 2016 was announced the publication entitled 'Sanitation and Sustainable Development in Japan' that JSC produced for the Asian Development Bank (ADB). Mr. Kazushi Hashimoto (JSC Advisor) and Mr. Pierre Flamand (JSC Manager of International Affairs) attended this event and introduced, through a presentation, the publication content.

3.6 2nd Workshop on On-site Domestic Wastewater Treatment in Malaysia

The National Water Services Commission (SPAN) of Malaysia and the Ministry of the Environment (MOE) of Japan held in Cyberjaya, Malaysia, the above-noted workshop. In this event, Dr. Shinhi Kumokawa (JECES) and Mr. Pierre Flamand (JSC Manager of International Affairs) made a presentation on, respectively, the way of estimating the cost of Johkasou operation and maintenance, and the planning of domestic wastewater treatment. In the meeting that followed the presentations, discussions were also conducted and opinions exchanged between the representatives of Japan and Malaysia about on-site wastewater treatment in Malaysia.

4. SUPPORT TO INTERNATIONAL DONOR ORGANIZATIONS

(Organization of training courses on sanitation, execution of assessment for projects, advice

for the selection of appropriate technologies, and introduction of experts to international donor organizations, such as ADB and JICA)

4.1 JICA Country Focused Training Course on ‘Public Policy and Regulatory Framework for Sewage Works and Sanitation’

The Japan Education Center of Environmental Sanitation (JECES) has been entrusted for the organization of a Country-focused Training Course from JICA, carried out between 15 January and 11 February 2017. This course was attended by 5 members of the National Water Services Commission (SPAN) of Malaysia. In a fully supportive manner, JSC conducted lectures on the legislative system and regulations for on-site/off-site systems in Japan, in addition to organizing the site inspections of related facilities.

5. OTHER ACTIVITIES

5.1 FY 2016 JSC 10th Steering Committee Meeting

On 27 May 2016 was held JSC’s 10th Steering Committee Meeting. On this occasion, the record of proceedings of the previous Steering Committee Meeting was approved and the results of the business activities in FY 2015 were reported. The FY 2016 Business Plan was also discussed and approved.

5.2 Implementation of the ‘Water Environment Improvement in Asia’ Model Project of the Ministry of the Environment: ‘Johkasou Demonstration Project for Domestic Wastewater Treatment Improvement in Malaysia’ in FY 2016

Under a joint venture scheme, the Japan Education Center of Environmental Sanitation (JECES) and other organizations made several missions to assess on-site wastewater treatment in Malaysia in FY 2014 and FY 2015. Other missions were conducted to check the installation of the model Johkasou and its treatment performance, and also to assess the potential of Johkasou business development in Malaysia. The verification of the Johkasou treatment performance has been continuously carried out in FY 2016. In addition, the tasks for the business development of Johkasou have been sorted out and the Johkasou manufacturer started sales preparation.

5.3 Implementation of the Project ‘To Promote Worldwide Dissemination of Night-soil Treatment Systems’ by the Ministry of the Environment in FY 2016

The Japan Education Center of Environmental Sanitation (JECES) was chosen by the Ministry of the Environment (MOE) to be the contracted organization in charge of implementing the above-mentioned project. During that fiscal year, JECES conducted field studies in China, Germany and Australia and transmitted information at international conferences and exhibitions. In addition, the ‘4th International Workshop on Decentralized Domestic Wastewater Treatment in Asia’ supported by MOE was held in Jakarta.

5.4 Participation in ISO/TC 224 WG 11 (Stormwater Management) as a Secretariat Member

The WG 11 focuses on the development of new guidelines for stormwater management in urban areas. To make progress and further develop the working draft of the guidelines, two meetings were held in Berlin, Germany (28 June-1 July) and in Paris, France (12-14 December), in which participated the Secretariat members from Japan, including Mr. Pierre Flamand, and the WG members from the international community.