

V International Projects



1 | International technical cooperation

The Kitakyushu City Water and Sewer Bureau has held up “International Contribution by Utilizing our Technology and Experience” as one of its policy goals in the “middle-term management plan of Kitakyushu City Water and Sewer Bureau” and the Bureau is working on international technical cooperation activities.

Currently, we are conducting international technical cooperation activities mainly in Kingdom of Cambodia, Vietnam, China, Indonesia, Myanmar, etc.

In addition, to accomplish the 17 goals of United Nations’ “SDGs (Sustainable Development Goals)”, the city was selected by OECD first in Asia as “World Model City for Promotion of SDGs” (in April 2018) and also selected by Japanese government as “SDGs Future City” (in June 2018) to be a model for municipalities.

Based on those results, Water and Sewer Bureau will continuously make efforts for international technical cooperation from the aspect of accomplishing SDGs’ 6th Goal “Provide safe water and clean toilet for all people in the world.”

Main international projects

(1) Kingdom of Cambodia

--- Water utility field

The Kingdom of Cambodia has been coping with “access to water” as one of the most important issues for reconstructing the country since 1991 when the civil war ended, and has been implementing various countermeasures, holding up the national goal which would enable the people in urban and rural districts to “access water”. The Water and Sewer Bureau of Kitakyushu City has been participating in the technical cooperation aiming for human resource development, upon receiving the request from the Ministry of Health, Labor and Welfare and JICA (Japan International Cooperation Agency).

[Technical cooperation for Phnom Penh]

Kitakyushu City made efforts to promote technical cooperation and development of human resources for the period from 1999 to 2006, and consequently, the Phnom Penh public waterworks corporation has made significant progress, including the supply of drinkable tap water, reduction of the non revenue earning water ratio (8% reduction as of October 2006), and realization of 24-hour water supply. This is called “Miracle of Phnom Penh.”

- (1) Specific experts dispatch project (FY 1999 to 2002)
We dispatched experts for giving guidance regarding the “operation, maintenance and management of water supply facilities”.
- (2) JICA Partnership Program (FY 2001)
We dispatched experts and provided equipment and materials (31 units of the telemeter owned by Kitakyushu City) with the theme of “transfer of technology, equipment and materials to the city aiming for the establishment of the distribution monitoring system”.
- (3) JICA Project on Capacity Building for the Water Supply System in Cambodia (from October, 2003 to October,

2006)We implemented the project aiming for human resource development in Phnom Penh Water Supply Authority.

- (4) CLAIR municipality personnel cooperation and exchange program (from July 2007 till present) We accepted trainees from Phnom Penh Water Supply Authority.

[Technical cooperation for 8 local cities]

- (5) JICA Project on Capacity Building for the Water Supply System in Cambodia (Phase II)
(From May, 2007 to March, 2012)
In 8 local cities, including Siem Reap, etc., we worked on the activities for the enhancement of waterworks technologies, including water quality analysis, water purification and treatment, maintenance and management of water distributing facilities, etc.

- (6) JICA Project on Capacity Building for the Water Supply System in Cambodia (Phase III)
(From November, 2012 to June, 2018)
In the above-mentioned 8 local cities, a project for the purpose of enhancing the managerial capacity of the waterworks bureaus was implemented.
We accepted trainees from the 8 local cities and dispatched city personnel to the cities.

- (7) JICA Project on Improvement of Siem Reap’s Capacity on Water Supply Facilities Management (from FY 2013 to 2015)
Utilized project: JICA Partnership Program

[Technical cooperation for improving the performance of water service administration]

- (8) Project for improvement of water service performance in Kingdom of Cambodia (From July 2018 to June 2022)
To foster the personnel of Cambodia Ministry of Industry and Handcraft which takes charge of water service administration in Cambodia, and to give them guidance to the establishment of standards such as ordinance of the ministry, etc.

--- Sewer system field

Concluding a memorandum on an exchange of technology in February 2017, we started the technical cooperation toward development of the sewer system and improvement of the water environment of Phnom Penh Capital City in cooperation with JICA, the Ministry of Land, Infrastructure, Transport and Tourism and private enterprises.

- (1) For the purpose of drawing up a master plan concerning the improvement of sewage and drainage conditions, we implemented a survey for drawing up a detailed plan jointly with JICA (April 2014).
- (2) Phnom Penh Sewage and Drainage Facilities Capacity Improvement Project (from FY 2016 to FY 2019) Applied Project : JICA Grass-root Technical Cooperation Project.
- (3) Project for improving the sewer system administration performance of Phnom Penh Municipality Government and Cambodia Ministry of Public Works and Transport (from FY2019 to FY2022).

(2) Hai Phong City in Vietnam

--- Water utility field

Taking the opportunity of the conclusion of the memorandum for basic guidelines for technical cooperation with the public waterworks corporation of Hai Phong City in December, 2009, we started the technical cooperation with the purpose of transfer of sophisticated water purification technologies from Kitakyushu City.

- (1) (From FY 2010 to 2012)
Implemented project: Water purification enhancement program for organic materials
Utilized project: JICA Partnership Program
- (2)(From FY 2013 to 2015)
Implemented project: Project for enhancement of conduit steel management capacity
Utilized project: JICA Partnership Program

--- Sewer system field

We concluded a memorandum with the Hai Phong Drainage and Sewerage Company (SADCO) in November 2010, and started technical exchanges. Based on the sister city agreement with Hai Phong City (April 2014), we concluded a memorandum in October 2014 to continuously work on the technical exchanges we had implemented so far.

- (1) Utilized project: Local Authorities International Cooperation Promotion Project by CLAIR (from FY 2011 to 2012, from FY 2014 to 2015)
JICA Partnership Program (from FY 2012 to 2013, from FY 2014 to 2016, from FY2018 to 2020)
Local Government Officials Training Program in Japan by CLAIR (FY 2014)
Contents: Acceptance of trainees, on-site technical guidance and holding of seminars in Hai Phong

(3) Dalian City in China

--- Water utility field

We implemented technical cooperation by utilizing the JICA Partnership Program, etc. for the “Dalian Water Supply Group Co., Ltd.” which operates the water supply business in Dalian City in China which has a friendly relationship with Kitakyushu City.

- (1) 1st Stage (from FY 2001 to 2004)

Cooperation theme: “Development of the secondary water resource through water leakage prevention”

Guidance on water quality inspection

Utilized project: Local Government Officials Training Program in Japan by CLAIR (acceptance of trainees) JICA Partnership Program

- (2) 2nd Stage (from FY 2005 to 2007)

Cooperation theme: “Improvement of safe and stable water supply”
Utilized project: JICA Partnership Program

- (3) 3rd Stage (from FY 2008 to 2011)

Cooperation theme: “Technological cooperation for peripheral cities of Dalian City”
Utilized project: JICA Partnership Program

--- Sewer system field

We concluded a memorandum with the Construction Management Bureau of Dalian City in April, 2011, and technical exchange has been progressing.

- (1) (In FY 2012)
Acceptance of government officials of Dalian City
Acceptance of personnel of the Construction Management Bureau of Dalian City (utilizing the Local Government Officials Training Program in Japan by CLAIR)
- (2) (In FY 2014)
We invited executive officials of the Construction Management Bureau, Dalian City.
- (3) (FY2019)
We invited executive officials of the Construction Management Bureau, Dalian City, on the sidelines of the International Symposium on Sewerage in Kitakyushu.

(4) Indonesia

--- Sewer system field

We started technical assistance for improving the water environment of the Special Capital Region of Jakarta and Surabaya, the Green Sister City of Kitakyushu City, in cooperation with the Ministry of Land, Infrastructure, Transport and Tourism and private enterprises.

- (1) Utilized project: Local Government Officials Training Program in Japan by CLAIR (FY 2013)
JICA Project for Capacity Development for Improvement of Water-related Problems in the Special Capital Region of Jakarta, Indonesia - Survey for drawing up the detailed plan (from June to July 2014)
Contents: Acceptance of trainees, on-site survey
- (2) Utilized project: Japan International Cooperation Agency (JICA) Project for Improving Planning Capacity for Sewerage System in DKI Jakarta (from June 2015 to March 2018)
Contents: Long-term dispatch of city personnel for services as a chief adviser