

Name of Organization	<b>Saitama City Waterworks Bureau</b>
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Name of Activity	Capacity Development Project for Improvement of Management Ability of Water Supply Authorities
Implementation Period	10 June – 7 September 2014 (Dispatch 2 engineers) 24 September – 7 November 2014 (Accept 9 trainees) 28 October 2014 – 24 January 2015 (Dispatch 1 engineer)
Main Organizer	JICA
Outline and Objectives	This project is to contribute to improve the management of nationwide water supply authorities with mid-term and long-term view through strengthening planning, implementation and monitoring ability of Government and Water Supply State Enterprises. The term of the project is from 2012 to 2017. We dispatch short-term engineers with Saitama Prefecture, Kawasaki City and Yokohama City. Saitama City's role in the project is mainly about pipeline network planning and business management. Trainee acceptance is mainly with 3 water utilities (mentioned above) and Saitama City's role is arrangement and implementation of the part of training in total 9 days.
Target (Cooperator) Countries	Laos / Vientiane Capital Water Supply State Enterprise (NPNL), Luang Prabang Provincial Water Supply State Enterprise (PNP-LP) and Khammouane Provincial Water Supply State Enterprise (PNP-KM)

Photos



Name of Organization	<b>Saitama City Waterworks Bureau</b>
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Name of Activity	2nd Laos – Japan Waterworks Seminar
Implementation Period	19 November, 2014
Main Organizer	Ministry of Health, Labour and Welfare
Outline and Objectives	This seminar is held by Ministry of Health, Labour and Welfare of Japan to support business expansion of Japanese water industry as contribution on development of Asian water sector. Saitama City cooperate on holding the seminar with experience of technical cooperation for Lao water sector for more than 20 years.
Target (Cooperator) Countries	Laos / Department of Housing and Urban Planning, Ministry of Public Works and Transport, Department of Public Works and Transport of each province, Vientiane Capital Water Supply State Enterprise and Provincial Water Supply State Enterprises.

Photos



Name of Organization	<b>Saitama Prefectural Government Bureau of Public Enterprise</b>
Name of Activity	Technical Assistance for Capacity Development of PWA in Operation and Maintenance of Water Purification Plants
Implementation Period	27 July – 9 August, 2014 (Dispatch engineers to Nong Khai) 24 August – 6 September, 2014 (Dispatch engineers to Chiang Mai) 24 November – 5 December, 2014 (Training in Japan) 25 January – 7 February, 2015 (Dispatch engineers to Nong Khai) 1 February – 14 February, 2015 (Dispatch engineers to Chiang Mai)
Main Organizer	JICA
Outline and Objectives	<p>This project is carried out as a JICA's Partnership Program in 2013 – 2015. For Provincial Waterworks Authority (PWA) in Thailand, we provide technical assistance about the efficiency of the operation management at water purification plants. We dispatch engineers to Thailand and accept PWA trainees in Japan. The project will improve capabilities of technical staff at water purification plants and to share the knowledge and experiences to other PWA staff throughout Thailand.</p> <p><b>【Dispatch Engineers】</b>  Number of dispatch engineers: 4 people  Content: Meeting, Field survey, and Instruction  <ul style="list-style-type: none"> <li>▪ Improvement of water treatment technology</li> <li>▪ Improvement of water quality management technology</li> <li>▪ Improvement of facility management technology</li> </ul> </p> <p><b>【Training in Japan】</b>  Number of participants: 8 people  Content: Lecture, Training, and Visit  <ul style="list-style-type: none"> <li>▪ Treatment technology, water quality management technology, and sludge treatment</li> <li>▪ Leakage prevention</li> <li>▪ Membrane filtration</li> </ul> </p>
Target (Cooperator) Countries	Provincial Waterworks Authority, Thailand
Photos	

Name of Organization	<b>Saitama Prefectural Government Bureau of Public Enterprise</b>
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Name of Activity	Capacity Development Project for Improvement of Management Ability of Water Supply Authorities
Implementation Period	3 August – 25 October, 2014 (Dispatch engineers) 12 November, 2014 – 11 February, 2015 (Dispatch engineers)
Main Organizer	JICA
Outline and Objectives	This project is to contribute to improve the management of nationwide water supply authorities with mid-term and long-term view through strengthening planning, implementation and monitoring ability of Government and Water Supply State Enterprises. The term of the project is from 2012 to 2017. We dispatch short-term engineers with Saitama City, Kawasaki City, and Yokohama City. Saitama Prefecture's role in the project is governance, performance indicators, and water purification plant planning.
Target (Cooperator) Countries	Department of Housing and Urban Planning, Ministry of Public Works and Transport

Photos



Name of Organization	<b>Chiba Prefectural Waterworks Bureau</b>
Name of Activity	Dispatch experts to The Democratic Republic of Timor-Leste
Implementation Period	30 April 2012–29 April 2015 (Long term technical an expert dispatching) 19 May–15 June 2014(Short term technical experts dispatching)
Main Organizer	JICA
Outline and Objectives	<p>Government of the Democratic Republic Timor Leste set a goal for the water supply sector that realizes to provide 100 % of the population in the country with safe and abundant water in 2030. However, the water coverage rate remained at 49.4% in 2009 despite various supports from the Government of Japan. For this, the water supply sector in Timor Leste is still required continual supports to make the improvement happen.</p> <p>In response to JICA, Chiba Prefectural Waterworks Bureau is dispatching technical staffs to boost the improvement of water supply system in Timor Leste.</p> <p>(Dispatch of long term expert) Water supply improvement adviser from 2012 TOR is as follows, i) Improve O&amp;M of the water treatment plants in Dili rehabilitated by support from Japan, ii) Diagnosis on the current water supply system and suggest improving it, iii) Establish JICA' s next support strategy for the water supply sector.</p> <p>(Dispatch of short term expert) TOR is as follows, i) Technical advice on O&amp;M of water treatment plant, ii) Technical advice on chemical adjust and water quality control inater treatment plant</p>
Target (Cooperator) Countries	The Democratic Republic of Timor-Leste

Name of Organization	<b>Bureau of Waterworks, Tokyo Metropolitan Government</b>
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Name of Activity	Asian Waterworks Utilities Network of Human Resources Development (A1-HRD)
Implementation Period	3-5 November 2014
Main Organizer	Metropolitan Waterworks Authority (MWA), Thailand :The members host a meeting by turns.
Outline and Objectives	<p>A1-HRD is an initiative among waterworks utilities of Asian cities to contribute to the improvement of waterworks throughout Asia by exchanging information and know-how about human resources development and training.</p> <p>Main Activities:</p> <ul style="list-style-type: none"> <li>-Annual conference on HRD which includes presentation and Q&amp;A session, sharing of ideas, open discussion and technical site visits.</li> <li>-Sharing ideas on HRD through Newsletters and our website.</li> </ul>
Target (Cooperator) Countries	<p>Korea: Office of Waterworks, Seoul Metropolitan Government Korea Water Resources Corporation (K-water)</p> <p>Taiwan: Taipei Water Department (TWD) Taiwan Water Corporation (TWC)</p> <p>Thailand: Metropolitan Waterworks Authority (MWA)</p> <p>Japan: Bureau of Waterworks, Tokyo Metropolitan Government</p> <p>Mongolia: Water Services Regulatory Commission of Mongolia (WSRC)</p>

Photos



Name of Organization	<b>Bureau of Waterworks, Tokyo Metropolitan Government</b>
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Name of Activity	JICA The Country Focused Training Course "Training of Water and Waste Water Treatment Plant Officials (2014 Water Supply)"
Implementation Period	17-28 November 2014
Main Organizer	JICA
Outline and Objectives	<p>This training course have been carried out for three years from 2013 through 2015 in Japan, and Ministry of Land, Infrastructure, Transport and Tourism carried out the training about sewerage in the first year.</p> <p>In this year, Bureau of Waterworks carried out the training in the field of waterworks such as water leakage prevention and water quality management through lectures, inspections, practices, the exchange of opinions with our staffs for South African ministry of water and the local government staffs (managerial class level).</p> <p>Main programs of the training course are as follows.</p> <ul style="list-style-type: none"> <li>•Prevention of Water Leakage in Tokyo</li> <li>•Planning(Strategy) for Leakage Prevention</li> <li>•Expansion and Maintenance of Distribution Pipes</li> <li>•Aging of Pipe Lines and Planned Renewal</li> <li>•Improvement of the Facilities of Bureau of Waterworks, Tokyo Metropolitan Government</li> <li>•Water Quality Management of Water Resources</li> <li>•Water quality control of tap water</li> <li>•Water Safety Plans in Tokyo</li> <li>•Response to quality problems in water sources and tap water</li> <li>•Observation of Water quality center, Water supply operation center, Training and Technical Development Center and Water Purification Plant.</li> </ul>
Target (Cooperator) Countries	Republic of South Africa (20 participants)

Photos



Name of Organization	Yokohama Waterworks Bureau, City of Yokohama
Name of Activity	JICA Partnership Program “Vietnam – Yokohama Safety Water Supply Management Project”
Implementation Period	April 2014 to March 2015
Main Organizer	Yokohama Waterworks Bureau (under contract to JICA)
Outline and Objectives	<p>YWWB and private companies of Yokohama Water Business Association (YWBA) introduce their superior water-related technologies to water utilities in the central and southern regions of Vietnam to contribute to solutions for issues of waterworks and safe water supply. The counterpart is Hue Water Company (HueWACO), which has sustained cooperative relationship with YWWB for more than 10years.</p> <p>1. Type of program:  (1) Dispatch of staff to Hue, Vietnam for research, training, workshop, etc., and transport of the necessary equipment</p> <ul style="list-style-type: none"> <li>▪ The 2nd delegation (July 13–26, 2014)  YWWB: 7 staff, YWBA: 3 companies</li> <li>▪ The 3rd delegation (November 25 to December 4, 2014)  YWWB: 2 staff, YWBA: 1 companies</li> <li>▪ The 4th delegation (January 11–31, 2015)  YWWB: 9 staff, YWBA: 3 companies</li> </ul> <p>*The 1st delegation was dispatched in JFY2013</p> <p>(2) Implementation of the training course (lectures, observations, instruction on practical skills) in Japan (October 20 to November 1, 2014)  Participants from HueWACO: 3</p> <p>2. Fields:</p> <ul style="list-style-type: none"> <li>▪ Improvement of water distribution and water service pipe</li> <li>▪ Countermeasure against NRW</li> <li>▪ Improvement of water purification plant</li> <li>▪ Data Management</li> <li>▪ Public-Private-Partnership (PPP)</li> </ul>
Target (Cooperator) Countries	Thua Thien – Hue Construction and Water Supply Company (HueWACO), etc., Viet Nam
Photos	



Name of Organization	Yokohama Waterworks Bureau, City of Yokohama
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Name of Activity	Short-term dispatch of YWWB staff to Malawi (JICA Volunteer Program)
Implementation Period	September 29, 2014 to October 28, 2014
Main Organizer	JICA, Yokohama Waterworks Bureau (YWWB)
Outline and Objectives	<p>Based on the agreement of Comprehensive Partnerships signed between JICA and City of Yokohama in October 2011, YWWB dispatched staff to African countries under "JICA short-term volunteers dispatching program" to support water utilities of Afirca in solving issues on waterworks.  (* The 1st dispatch was to Zanzibar Water Authority (ZAWA), Tanzania, in March 2013)</p> <p>1. Type of program:  Dispatch of staff as JICA Volunteers</p> <p>2. Fields:</p> <ul style="list-style-type: none"> <li>▪ Countermeasure against NRW</li> <li>▪ Construction surveillance</li> <li>▪ Awareness-raising activities to citizens etc.</li> </ul>
Target (Cooperator) Countries	Blantyre Water Board (BWB), Malawi

photos



Name of Organization	<b>Kawasaki City Water and Wastewater Works Bureau</b>
Name of Activity	Capacity Development Project for Improvement of Management Ability of Water Supply Authorities
Implementation Period	19 Jun – 18 September, 2014 (Dispatch engineers) 12 November, 2014 – 11 February, 2015 (Dispatch engineers)
Main Organizer	JICA
Outline and Objectives	This project is to contribute to improve the management of nationwide water supply authorities with mid-term and long-term view through strengthening planning, implementation and monitoring ability of Government and Water Supply State Enterprises. The term of the project is from 2012 to 2017. We dispatch short-term engineers with Saitama City, Saitama Prefecture, and Yokohama City. Kawasaki City's role in the project is mainly pipeline network planning.
Target (Cooperator) Countries	Vientiane Capital Water Supply State Enterprise (NPNL), Luang Prabang Provincial Water Supply State Enterprise (PNP-LP) and Khammouane Provincial Water Supply State Enterprise (PNP-KM)

Name of Organization	<b>Hamamatsu City – Water Services Department</b>
Name of Activity	JICA's Training and Dialogue Programs "Non-Revenue Water Management (Leakage Control) (A)"
Implementation Period	6-10 October 2014
Main Organizer	JICA
Outline and Objectives	<p>The program is a form of technical cooperation that JICA carries out in Japan by inviting from developing countries administrative officers, engineers, and researchers. This development assistance scheme is to meet diverse needs of developing countries by utilizing the knowledge and skills accumulated in Japanese society.</p> <p>JICA's Training and Dialogue Programs "Non-Revenue Water Management (Leakage Control) (A)" is implemented from 2014 to 2016 in Hamamatsu city. 11 trainees from 10 countries visited Hamamatsu in 2014.</p> <p>The main programs of the training program in Hamamatsu are as follows;</p> <ul style="list-style-type: none"> <li>▪ Workflow for Leak Detection</li> <li>▪ Field Training of Leak Detection</li> <li>▪ Study tour for Leak Repair Construction</li> <li>▪ Safety Measures for Water Supply Installation</li> <li>▪ Initiatives of Simple Filter Bed (Demonstration with a small model)</li> <li>▪ Study tour of Water Purification Plant</li> </ul>
Target (Cooperator) Countries	Morocco, Nigeria, South Sudan, Malawi, Palestine, Bhutan, Philippines, Bangladesh, Timor-Leste, Brazil (2), (11 participants)
Name of Activity	JICA Partnership Program
Implementation Period	8-15 November 2014
Main Organizer	JICA
Outline and Objectives	<p>JICA Partnership Program is a technical cooperation program implemented by JICA in collaboration with "Partners in Japan" such as local governments, public corporations and so on.</p> <p>The objectives of the Partnership Program are as follows:</p> <ol style="list-style-type: none"> <li>1. Encouraging "Partners in Japan" to understand the social and economic situations in developing countries</li> <li>2. Strengthening collaboration between JICA and "Partners in Japan" by getting to know JICA programs as Japan's official development assistance (ODA)</li> <li>3. Promoting the participation of "Partners in Japan" in international cooperation activities</li> </ol>
Target (Cooperator) Countries	Visit: Bangladesh
Name of Activity	Exhibition of The Simple Filter Bed at The UCLG ASPAC Executive Bureau Meeting 2014 Hamamatsu
Implementation Period	9 -10 June 2014
Main Organizer	United Cities and Local Governments Asia Pacific Regional Section (UCLG ASPAC)
Outline and Objectives	The promotion activity is to show the people from Asia-Pacific countries "Simple Filter Bed" uniquely operated in Hamamatsu city.
Target (Cooperator) Countries	11 countries and regions

Name of Organization	<b>Nagoya City Waterworks and Sewerage Bureau</b>
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Name of Activity	The JICA Partnership Program Capacity Development Project for Construction Management of Water Supply Pipe Laying
Implementation Period	March 2014 ~ March 2017
Main Organizer	JICA
Outline and Objectives	Improving the capacity of NWSDB staffs to supervise and manage construction of waterworks facilities particularly in the area of the pipe connection skill to avoid water leakage from the connection points. Technical training in Japan for NWSDB staffs and holding a seminar in Sri Lanka by Nagoya City staffs
Target (Cooperator) Countries	National Water Supply and Drainage Board of the Government of Democratic Social Republic of Sri Lanka

Name of Activity	The JICA Partnership Program Improvement of Sewage Treatment in Mexico City Project
Implementation Period	January 2015 ~ March 2017
Main Organizer	JICA
Outline and Objectives	Improvement of sewage-treated water in Mexico City Project. On 2014 Nagoya City staffs conducted a field survey in Mexico
Target (Cooperator) Countries	Mexico City

Name of Activity	The JICA Training and Dialogue Programs Non-Revenue Water Management(Leakage Control) A
Implementation Period	3th and 14th~17th Oct 2014 (Whole Period: 23th Sep~1th Nov 40 days)
Main Organizer	JICA
Outline and Objectives	This program aims to Capacity Development for Non Revenue Water management of Developing countries engineers.
Target (Cooperator) Countries	BANGLADESH, BHUTAN, BRAZIL, MALAWI, MOROCCO, NIGERIA, PALESTINIAN AUTHORITY, PHILIPPINES, TIMOR-LESTE, SOUTH SUDAN

Name of Activity	The JICA Training and Dialogue Programs Non-Revenue Water Management(Leakage Control) B
Implementation Period	3th Nov ~ 13th Dec 2014
Main Organizer	JICA
Outline and Objectives	This program aims to Capacity Development for Non Revenue Water management of Developing countries engineers.
Target (Cooperator) Countries	ETHIOPIA, IRAQ, NEPAL, PAKISTAN, PALAU, RWANDA, SOLOMON ISLANDS, SRI LANKA, SUDAN, MYANMAR

Name of Organization	<b>Kyoto City Water and Sewerage Works Bureau</b>
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Name of Activity	JICA country focused training "Sewerage treatment facilities maintenance course"
Implementation Period	18 July 2014
Main Organizer	JICA
Outline and Objectives	<p>This training is mainly aiming to foster development of engineers who will take on leading roles in managing waterworks facilities as a support project. We conducted facility tours and lectures with other cities in response to the request from JICA.</p> <p>Main programs of the training course are as follows.</p> <ul style="list-style-type: none"> <li>• Observation of sewage treatment, sludge treatment and incineration facilities</li> <li>• Management strategy of Kyoto City Water and Sewerage Works Bureau</li> <li>• Human resource development and technical training at Kyoto City Water and Sewerage Works Bureau</li> </ul>
Target (Cooperator) Countries	Brazil(6 participants)

Photos



Name of Organization	<b>Kyoto City Water and Sewerage Works Bureau</b>
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Name of Activity	JICA country focused training "Role of Government for water supply,waterworks management"
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Implementation Period	23-24 October 2014
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Main Organizer	JICA
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Outline and Objectives	<p>This training is mainly aiming to foster development of engineers who will take on leading roles in their waterworks facilities. We received requests from JICA for implenenting a training session of a facility tour and a lecture in part of a training program with other cities .</p> <p>Main programs of the training course are as follows.</p> <ul style="list-style-type: none"><li>•Management strategy of Kyoto City Water and Sewerage Works Bureau</li><li>•Methods of the water demand prediction</li><li>•A courtesy call for the mayor of Kyoto</li><li>•Operation and management of the water purification plants</li><li>•Improvement, replacement and earthquake resistance of distribution pipes</li><li>•Replacement of lead service pipes</li><li>•Field trip of water purification plants and wasetewater treatment plants</li></ul>
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Target (Cooperator) Countries	Laos(10 participants)
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Photos



Name of Organization	<b>Kyoto City Water and Sewerage Works Bureau</b>
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Name of Activity	Ministry of the Environment Feasibility Study of Foreign country Technical Support project
Implementation Period	26 October–1 November 2014
Main Organizer	Ministry of the Environment
Outline and Objectives	<p>This project is to investigate Feasibility of technical supports in the field of environment and waterworks in collaboration with private sector to build the low-carbon historical city development in Vientiane, Laos.</p> <p>Main program of the project is as follows.</p> <ul style="list-style-type: none"> <li>•Field investigation ( Two experts were dispatched to build cooperative relations with counterparts and understand their needs.)</li> </ul>
Target (Cooperator) Countries	Vientiane, capital of Laos

Photos



Name of Organization	<b>Osaka Water Supply Authority</b>
Name of Activity	The training and observation of our WTP
Implementation Period	23-May-14
Main Organizer	International division, Japan Water Works Association
Outline and Objectives	<p>The training that we carried out by a request from Japan Water Works Association.</p> <p>We carried out the training along the demand of Public Utilities Board and a observation of the water treatment plant.</p> <p>■ Training program</p> <ul style="list-style-type: none"> <li>▪ Balancing between scale of operation and number of staff in treatment plant</li> <li>▪ Look into how plants track their movement of the spares equipment.</li> <li>▪ Look at plants with energy efficient processes.</li> <li>▪ Look into automation in operations so as to optimise manpower number</li> </ul>
Target (Cooperator) Countries	Singapore, Public Utilities Board

Name of Organization	<b>KOBE City Waterworks Bureau</b>
Name of Activity	Project to improve waterworks in Lon An Province, Vietnam
Implementation Period	1 April 2014 – 27 February 2015
Main Organizer	Council of Local Authorities for International Relations (CLAIR)
Outline and Objectives	<p>Struggling with high leakage rate, Long An Province in Vietnam has problems in examining existing facilities such as pipes, deciding update ranking, and so on.</p> <p>In order to solve these problems and improve the management conditions, we assisted in drawing the vision for solving them through the technical cooperation using our know-how regarding water leakage investigation, maintenance and renewal of facilities, and so on.</p>
Target (Cooperator) Countries	Long An Province People's Committee in Vietnam and Long An Water Company Limited (Lawaco)

Name of Organization	<b>The City of Hiroshima Waterworks Bureau</b>
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Name of Project	Project 1: JICA Operation and Maintenance of Urban Water Supply Systems Course B
Period	July 14 to August 12, 2014
Main Organizer	JICA
Outline and Objectives	<p>The City of Hiroshima accepts technicians in the field of waterworks from developing nations so that they can acquire practical knowledge and skills about Hiroshima's water supply and distribution. The goal of this program is for the trainees to contribute to the development of waterworks services in their homelands. The City has accepted 19 trainees since receiving JICA Chugoku's request in 2013.</p> <p>Main Programs of Training Course:</p> <ul style="list-style-type: none"> <li>•Hydrologic Accounting</li> <li>•Operation and Maintenance of Purification Plants</li> <li>•Water Quality Management</li> <li>•Leak Prevention Training</li> <li>•Repair of Burst Water Pipes</li> <li>•Visit to Nukui Dam and the forest at the source of the Ota River</li> </ul>
Target Countries / Organizations (Number of Persons)	Afghanistan (2), Albania, Democratic Republic of Congo, Honduras, Malawi, Nicaragua, Sudan, East Timor [Nine participants in total]

Photos



Name of Organization	<b>The City of Hiroshima Waterworks Bureau</b>
Name of Project	Project 2: JICA Country Specific Training Course "Environment / Water Management Engineering" (Iraq)
Period	September 9 – 26, 2014
Main Organizer	JICA
Outline and Objectives	<p>The City of Hiroshima accepts technicians in the field of waterworks from the Republic of Iraq so that they can acquire practical knowledge and skills about Hiroshima's water supply and distribution. The goal of this program is for the trainees to contribute to the development of their waterworks services. The City has accepted 24 trainees since receiving JICA Chugoku's request in 2011.</p> <p>Main Programs of Training Course:</p> <ul style="list-style-type: none"> <li>• Operation and Maintenance of Purification Plants</li> <li>• Water Quality Management</li> <li>• Leak Prevention Training</li> <li>• Repair to Burst Water Pipes</li> <li>• Visit to Nukui Dam and the forest at the source of the Ota River</li> </ul>
Target Countries / Organizations (Number of Persons)	Iraq (Six participants in total for the 2014 program)

Photos



Name of Organization	<b>Shimonoseki City Waterworks &amp; Sewerage Bureau</b>
Name of Activity	JFY2014 Technical Exchange Program with Qingdao Hairun Waterworks Group Co., Ltd.
Implementation Period	19 October – 14 October 2014
Main Organizer	Shimonoseki City Waterworks & Sewerage Bureau • Qingdao Hairun Waterworks Group Co., Ltd.
Outline and Objectives	<p>(The business outline) dispatch between the technical employee will be put into effect the 1st time in June, 2000, and it's the 14th time in fiscal year 2014. I accept technical employee of 28 people and am contributing to improvement of water supply technology and a goodwill exchange as a friendly city so far.</p> <p>Further, it's reorganized in Qingdao Hairun Waterworks Group Co., Ltd. from Qingdao Waterwork group corporation in January, 2013.</p> <p>(The purpose) I dispatch a water supply staff in Qingdao Hairun city and Shimonoseki city mutually, work on the various problems that the upper and lower water project is faced with it and a common problem and have improvement of water supply technology in both cities and the thing which makes a friendship as a friendly city enriched for my object.</p>
Target (Cooperator) Countries	China • Qingdao Hairun Waterworks Group Co., Ltd.

Name of Organization	<b>Water and Sewer Bureau, City of Kitakyushu</b>
Name of Activity	JICA Project on Capacity Building for the Water Supply System in Cambodia(Phae3)
Implementation Period	November 2012~November 2017
Main Organizer	JICA
Outline and Objectives	<p>The Kingdom of Cambodia has been coping with “access to safe 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 to safe 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. Now in 8 local cities, a project for the purpose of enhancing the managerial capacity of the waterworks bureaus was implemented.</p> <p>Contents in 2014: dispatching long-term expert(1)、short-term expert(6)</p>
Target (Cooperator) Countries	Kingdom of Cambodia, Ministry of Industry and Handicraft
Name of Activity	JICA Partnership Program : Improvement of Siem Reap’s Capacity on Water Supply Facilities Management
Implementation Period	2013~2015
Main Organizer	Water and Sewer Bureau, City of Kitakyushu
Outline and Objectives	<p>In order to correspond to rapidly increasing water demand, Siem Reap Water Supply Authority plans water purification plant expansion, Kitakyushu City implemented technical assistance regarding design for the facility. Kitakyushu City also improve the chemical feeding facility to secure stable supply of safe water and install a lightning protection system in a water treatment plant.</p> <p>Utilized project : JICA Partnership Program Contents in 2014: Acceptance of trainees, on-site technical guidance</p>
Target (Cooperator) Countries	Kingdom of Cambodia, Siem Reap Water Supply Authority
Name of Activity	JICA Partnership Program : Improvement of HPWSCO’s Capacity on Distribution Network Management
Implementation Period	2013~2015
Main Organizer	Water and Sewer Bureau, City of Kitakyushu
Outline and Objectives	<p>Haiphong City has decided to install block distribution system, that is the same system of Kitakyushu city, to reduce non-revenue water less than 10%. Kitakyushu City has conducted technical cooperation for maintenance of distribution network including countermeasures to reduce non-revenue water for the purpose of assisting the decision in the aspect of human resource development.</p> <p>Utilized project : JICA Partnership Program Contents in 2014: Acceptance of trainees, on-site technical guidance</p>
Target (Cooperator) Countries	Socialist Republic of Viet Nam、Haiphong Water Supply Company

Name of Organization	<b>Water and Sewer Bureau, City of Kitakyushu</b>
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Name of Activity	JICA Partnership Program : Project for Improvement of Capacity on Water Treatment Plant Operation in Mandalay
Implementation Period	2013~2016
Main Organizer	Water and Sewer Bureau, City of Kitakyushu
Outline and Objectives	<p>In response to the request from Mandalay City, Kitakyushu City started the technical cooperation from 2013, aiming at improving the water purification facilities (sterilization facilities) to secure stable supply of safe water, as well as assisting the appropriate operation, maintenance and management of the water purification plants and improving the water quality analysis technology. Utilized project: JICA Partnership Program</p> <p>Utilized project: JICA Partnership Program Contents in 2014: Acceptance of trainees, on-site technical guidance</p>
Target (Cooperator) Countries	Republic of the Union of Myanmar, Mandalay City Development Committee

Name of Activity	Overseas water business
Implementation Period	2010~
Main Organizer	Kitakyushu Overseas Water Business Association, Water and Sewer Bureau, City of Kitakyushu
Outline and Objectives	<p>By utilizing the strengths Kitakyushu have developed through international technical cooperation and networking with several cities in Asia, we are engaged in overseas water business and international contributions by making concerted efforts in cooperation with government organizations and private entities centered on Kitakyushu Overseas Water Business Association.</p> <p>The Association has set the target for water business on Cambodia, Hai Phong City in Vietnam, Dalian City in China, and Indonesia, each of which has a strong human network which has been cultivated through previous technical cooperation. And they have been carrying out the activities to work out specific orders with concerted efforts, sharing information between participating enterprises and related organizations, while considering effective methods of overseas business development.</p>
Target (Cooperator) Countries	Kingdom of Cambodia, Socialist Republic of Viet Nam, Republic of Indonesia, Dalian, People's Republic of China

Name of Organization	Okinawa Prefecture Enterprise Bureau
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Name of Activity	JFY2011 Water Conservation Management in Island Areas
Implementation Period	14th July to 29th August, 2014
Main Organizer	JICA
Outline and Objectives	Acceptance of trainees from water utilities, in cooperation between JICA Okinawa and Okinawa Water Supply Agency, aiming at international exchanges and international cooperation through technical transfer regarding effective water system in Pacific islands area.
Target (Cooperator) Countries	Cook Islands(1), Fiji(1), Kiribati(1), Marshall Islands(1), Nauru(1), Papua New Guinea(1), SAMOA(2), Solomon(1), Vanuatu(1)

Name of Activity	Capacity Enhancement Project for Samoa Water Authority in Cooperation with Okinawa
Implementation Period	2014FY~2019FY
Main Organizer	JICA
Outline and Objectives	The project have been providing Samoa Water Authority (SWA) with guidance on proper management technologies regarding Non-Revenue Water, water quality and water purification plant in Apia, capital city of Samoa. For the purpose of contributing to stable water supply and security in Apia, experts are dispatched from water authorities under Okinawa Prefecture.
Target (Cooperator) Countries	Samoa Water Authority

Name of Organization	<b>Japan Water Works Association</b>
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Name of Activity	JICA Group Training Course "Comprehensive Engineering on Water Supply Systems (A)"
Implementation Period	4 July-1 August 2014
Main Organizer	JICA
Outline and Objectives	<p>This training is aiming to foster development of engineers who will take on leading roles in managing waterworks facilities and target of the training is mid-level waterworks engineers from developing countries.</p> <p>The program features a number of lectures, observation tours and exercises regarding comprehensive water supply technologies for about 2 months. The training has a long history and so far a total of 588 trainees from about 90 countries and regions have participated.</p> <p>Main programs of the training course are as follows.</p> <ul style="list-style-type: none"> <li>•Water intake, reservoir, distribution facilities</li> <li>•Jar test (Optimization of coaguration)</li> <li>•Leak prevention</li> <li>•Exercise on basic planning of water supply systems</li> <li>•Observation of water pipe/valve factories</li> <li>•Anti-seismic construction and measures for disaster</li> <li>•Groundwater technology</li> <li>•Membrane technology</li> <li>•Water demand forecasting and hydraulics in water distribution networks etc.</li> </ul>
Target (Cooperator) Countries	Cambodia, Iraq, Malawi (2), Nepal (2), Rwanda, Sudan, Timor-Leste, Zambia (10 participants)

Photos

