

Name of Organization	<b>Bureau of Waterworks, Tokyo Metropolitan Government</b>
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Name of Activity	JICA Technical Cooperation Projects "The Project for Improvement of Water Supply Management of YCDC"
Implementation Period	2015-2021
Main Organizer	JICA, Tokyo Waterworks Bureau, Fukuoka City Waterworks Bureau, Tokyo Water Co.,Ltd., and etc.
Outline and Objectives	In Yangon, while construction of waterworks facilities utilizing yen loans is underway, JICA is also conducting a technical cooperation project associated with a yen loan project, to strengthen the organizational capacity of Yangon City Development Committee in parallel with the facility construction for securing sustainable water supply service. Tokyo Waterworks and Fukuoka City's Waterworks Bureau conduct seminars and training in Yangon and Japan.
Target (Cooperator) Countries	Myanmar Yangon City Development Committee

Photos



Name of Organization	<b>Bureau of Waterworks, Tokyo Metropolitan Government</b>
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Name of Activity	Non-revenue water reduction project in Yangon
Implementation Period	2016-2022 (scheduled)
Main Organizer	Tokyo Waterworks Bureau, Tokyo Water Co.,Ltd., and etc.
Outline and Objectives	Based on the results of the non-revenue water reduction pilot project implemented in Yangon in FY 2014, we expanded the area in some parts of Yangon and implemented infrastructure development project by utilizing ODA (project cost: 1.8 billion yen). Furthermore, we plan to carry out maintenance and management projects funded separately by Yangon City in order from the district where infrastructure development is completed.
Target (Cooperator) Countries	Myanmar Yangon City Development Committee

Photos



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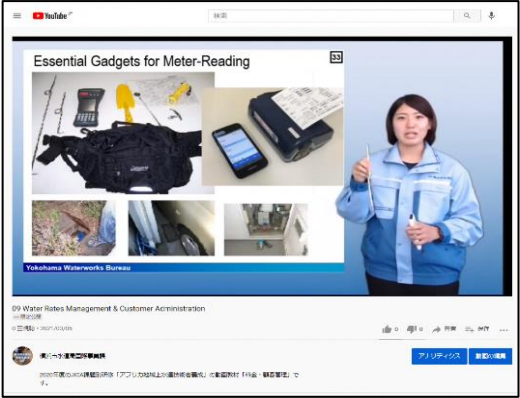
Name of Activity	Asian Waterworks Utilities Network of Human Resources Development (A1-HRD)
Implementation Period	20 November 2020
Main Organizer	Bureau of Waterworks, Tokyo Metropolitan Government :The members host a meeting by turns.
Outline and Objectives	<p>A1-HRD is an initiative among waterworks 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 a website.</li> </ul> <p>Due to the influence of COVID-19, the 13th conference was held online.</p>
Target (Cooperator) Countries	<p>Korea : The Office of Waterworks, Seoul Metropolitan Government K-water Academy</p> <p>Taiwan : Taiwan Water Corporation (TWC),</p> <p>Thailand : Metropolitan Waterworks Authority, Thailand (MWA)</p> <p>Japan : Bureau of Waterworks, Tokyo Metropolitan Government</p>

#### Photos



事業体（団体）名	Yokohama Waterworks Bureau, City of Yokohama
事業名称	Activities based on agreement on <i>the Technical Cooperation for Water Supply</i> with Vietnamese parties
実施期間	Aug. 2009 to present (The current agreement period is from Nov. 2018 to the end of 2023.)
主催機関	Yokohama Waterworks Bureau
事業概要・目的	<p>Yokohama Waterworks Bureau (YWWB) concluded the “Agreement on the Technical Cooperation for Water Supply” in August 2009 with Vietnamese parties, including Thua Thien Hue Water Supply Joint Stock Company (HueWACO) playing a leading role in Vietnamese water sector, with which YWWB has established mutual trust through JICA Partnership Program and technical cooperation projects. Thereafter, the signers expanded to five Vietnamese parties: HueWACO, Saigon Water Corporation, (SAWACO), Da Nang Water Supply Joint Stock Company (DAWACO), Ho Chi Minh City College of Construction, Water Sector Training Center in the South (WSTC) and Training Center for Water and Environment Sectors (CNEE). In November 2018, the agreement was renewed until 2023 towards safe and sustainable water supply system. Based on this agreement, we promote human resource development and organizational capacity building of each party through activities focusing on trainee acceptance in Yokohama and lecture at a seminar in Vietnam. Furthermore, through these activities, YWWB introduces the products and technologies of Yokohama Water Business Association which would contribute to the improvement of Vietnamese water sector.</p> <p>1. Type of activities:  (1) Staff dispatch from YWWB  -YWWB and Vietnamese parties held an agreement signing ceremony in November 2018, and organized a seminar on the following day. YWWB staff delivered a presentation about “Restructuring Mapping System of YWWB” at the seminar under the theme of “Application of information technology in water supply network operation and management”. In addition, one member company from Yokohama Water Business Association joined the seminar and showcased their products to Vietnamese water professionals.  (2) Trainee acceptance from Vietnam (for training, observation and participation in international conferences)  -YWWB accepted trainees from Vietnam, along with “The 11th International Symposium on Water Supply Technology” held in Yokohama in July 2019. We welcomed two participants from Vietnam, one of which delivered an oral presentation at the symposium. After the symposium, the trainees visited a water treatment plant and had a discussion with YWWB staff members.  (3) Online activities  -In 2020, utilizing web-conference system, YWWB and Vietnamese parties shared their challenges in water supply and discussed the future activities such as a seminar.</p> <p>2. Fields of cooperation (Theme of seminar and training program)  - Non-revenue water    - Water safety plan    -Customer service  - Asset management    -SCADA system    etc.</p>
対象（相手）国・機関名	Thua Thien Hue Water Supply Joint Stock Company (HueWACO), Saigon Water Corporation, (SAWACO), Da Nang Water Supply Joint Stock Company (DAWACO), Ho Chi Minh City College of Construction, Water Sector Training Center in the South (WSTC) and Training Center for Water and Environment Sectors (CNEE)
<div> <p>Signing ceremony (November 2018)</p> <p>Discussion between Vietnamese training participants and YWWB staff (July, 2019)</p> </div>	



Name of Organization	Yokohama Waterworks Bureau, City of Yokohama
Name of Activity	JICA Knowledge Co-creation program "African Region Urban Waterworks Engineering"
Implementation Period	January 18th to 29th , 2021
Main Organizer	JICA, Yokohama Water Co.,Ltd., Yokohama Waterworks Bureau (YWWB)
Outline and Objectives	<p>Responding to the 4th Tokyo International Conference on African Development (TICAD IV) held in Yokohama in May 2008, Yokohama Waterworks Bureau (YWWB) contracted with JICA to implement a training course called "Knowledge Co-creation Program" for waterworks professionals from African countries. By the end of JFY 2019, YWWB implemented this course 13 times and accepted 133 participants from 30 countries in Africa.</p> <p>In Africa, many countries still have problems with water supply, which are also featured in the TICAD every time. Many of the African countries participating in this course are confronted with the challenges of high NRW ranging from 30 to 50% due to water leakage, illegal connection etc.</p> <p>YWWB offered a variety of lectures and practices in the technical fields such as: water purification and quality management, distribution management, water supply planning and O&amp;M, also in the administrative fields like water tariff, customer services and financial planning. During this training course, all the participants made their action plans to solve their own issues based on what they learned in the lectures and practices, and brought them back to their countries to make a real difference on the ground.</p> <p><b>Contents of training program in JFY 2020:</b></p> <p>Due to the Covid-19 pandemic, the participants could not visit Japan in JFY 2020. Under such a circumstance, YWWB delivered an online training program. Considering a time difference among the participants, we created fifteen video contents, each of which is composed of 20-30 minutes lecture, and uploaded them to the YouTube. To supplement the online learning, we also set weekly Q and A sessions through Zoom meetings.</p>
Target (Cooperator) Countries	In 2019, YWWB accepted 8 participants: Benin (1), Ethiopia (1), Kenya (1), Malawi (2), Nigeria (1), Rwanda (1), Uganda (1)
Photos	<div>  <p>Question and answers on Zoom meeting</p> </div> <div>  <p>Video lecture contents uploaded on YouTube</p> </div>

Name of Organization	<b>Yokohama Waterworks Bureau, City of Yokohama</b>
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Name of Activity	JICA Technical Cooperation Project "The Project for Strengthening the Capacity of Non-Revenue Water Reduction for Lilongwe Water Board(LiSCaP)" in Malawi
Implementation Period	June 2019 to July 2023
Main Organizer	JICA, Yokohama Water Co.,Ltd., Kyowa Engineering Consultants Co.,Ltd Yokohama Waterworks Bureau (YWWB)
Outline and Objectives	<p>Yokohama Waterworks Bureau (YWWB) has dispatched a long-term expert (Chief Advisor) to Lilongwe, the capital city of Malawi, since June 2019 to support JICA Technical Cooperation Project "The Project for Strengthening the Capacity of Non-Revenue Water Reduction for Lilongwe Water Board (LiSCaP)".</p> <p>YWWB also collaborates with Kyowa Consultants Co., Ltd. and Yokohama Water Co., Ltd., members of the Yokohama Water Business Association. This "Team Yokohama" is now working on improving water supply business by supporting LWB for their strategic planning, methods and knowledge sharing for reducing non-revenue water (NRW) due to leakage, illegal connection, etc.</p> <p><b>Contents of technical cooperation in JFY 2020:</b></p> <p>Whereas JICA expert dispatched from YWWB temporarily returned to Japan due to the Covid-19 pandemic, the project team continuously carried out the project activities with online-basis, including weekly video meetings. In addition, while a planned training course in Yokohama was canceled due to restrictions on overseas travels, YWWB offered an online training program from November 4th to 27th connecting with LWB through a Zoom meeting.</p> <p>YWWB set up an internal support team for the project last year, and has continuously supported the duties of JICA expert (Chief advisor). Deriving from this project, YWWB started a new initiative to support not only Lilongwe Water Board but also Blantyre Water Board. Setting up a new team for this initiative, YWWB now carries out information gathering through online meetings with these counterparts.</p>
Target (Cooperator) Countries	Lilongwe Water Board(LWB) , Malawi

Photos



Meeting with Government of Malawi



Expert's instruction for setting water meter

Name of Organization	<b>Yokohama Waterworks Bureau, City of Yokohama</b>
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Name of Activity	Technical Exchanges based on Memorandum of Understanding between Water and Sanitation Agency of Faisalabad in Pakistan and Yokohama Waterworks Bureau
Implementation Period	From October 2019 to the present (Update every fiscal year)
Main Organizer	Yokohama Waterworks Bureau
Outline and Objectives	<p>Yokohama Waterworks Bureau (YWWB) had supported a JICA Technical Cooperation for Development Planning "The Project for Water Supply, Sewerage and Drainage Master Plan of Faisalabad" through Yokohama Water Co., Ltd., (July 2016 - June 2019). During this project, YWWB received a request from the Managing Director of Water and Sanitation Agency of Faisalabad (WASA-F) for the further cooperation between the city governments. In order to contribute to human resources development and water business promotion for both the cities, YWWB and WASA-F signed a MoU on technical exchange in October 2019, and conducted two training sessions.</p> <p><b>Contents of MoU</b></p> <p>(1) Trainee acceptance from WASA-F (once a year, 4 staff members, 2 weeks)</p> <p>(2) YWWB staff's dispatch to WASA-F for a follow-up of the training (upon necessity)</p> <p>(3) Introduction of products and technologies of the Yokohama Water Business Association (YWBA) member companies</p> <p><b>Contents of training program in JFY 2020:</b></p> <p>Amid the covid-19 pandemic, in JFY2020, YWWB held the following online seminar to substitute a training acceptance in Yokohama. Shifting to online allowed Lahore, the capital of Punjab state, to join the seminar.</p> <p>&lt;Online seminar (February 15-16th, 2021)&gt;</p> <ul style="list-style-type: none"> <li>-Discussion on three themes; 1) water purification/maintenance and management of water purification plant, 2) tariff/customer management and 3) water distribution management and water supply.</li> <li>- Business-matching with six member companies of Yokohama Water Business Association.</li> </ul>
Target (Cooperator) Countries	Water and Sanitation Agency Faisalabad (WASA-F) and Water and Sanitation Agency Lahore (WASA-L), Pakistan

Photos



Ceremony for conclusion of MoU



Online seminar participants (Pakistan side)

Name of Organization	<b>Waterworks Bureau, City of Kawasaki</b>
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Name of Activity	The Project for Improvement of Management Capacity of Water Supply Sector (MaWaSU 2)
Implementation Period	May 21, 2018 - December 27, 2020 (Dispatch long-term expert / predecessor) November 14, 2020 - (Dispatch long-term expert / successor)
Main Organizer	JICA
Outline and Objectives	This Project is purpose to "The foundation necessary for strengthening the water supply sector management system and Water Supply State Enterprise's(W SSE) capacity is formulated" to achieve Lao national goals. The term of the project is from 2018 to 2023, we dispatch long-term and short-term engineers. Besides, we concluded an agreement among JICA and 4 local governments (Saitama City, Saitama Prefecture, Yokohama City) including Kawasaki City participating in the project in order to work in close cooperation.
Target (Cooperator) Countries	Department of Water Supply (DWS), Ministry of Public Works and Transport (MPWT) of Lao PDR / DWS of MPWT, Vientiane Capital Water Supply State Enterprise (NP NL), Luang Prabang Provincial Water Supply State Enterprise (NPLB) and Khammouane Provincial Water Supply State Enterprise (NPKM) as the pilot water supply state enterprises (WSSEs), Department of Public Works and Transport (DPWT)s of Vientiane Capital, Luang Prabang, Khammouane and WSSEs and DPWTs of other provinces

Photos

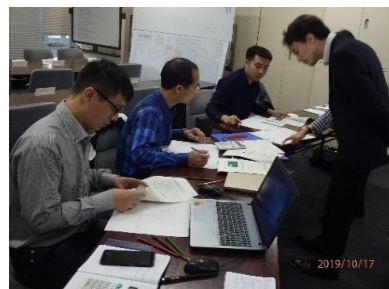




Name of Organization	Public Enterprises Agency of Kanagawa Prefectural Government
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Name of Activity	MOU with Lang Son Province, Vietnam
Implementation Period	November 2018 - December 2025
Main Organizer	Public Enterprises Agency of Kanagawa Pref. Government (PEA-KPG)
Outline and Objectives	<p>PEA-KPG signed "MOU on Consideration of the Possibility of a Cooperative Relationship in the Field of Water Supply" with Lang Son Province, Vietnam in 2017 to consider methods and contents of cooperation. In response to the counterpart's suggestion posed during the discussion to proceed an approach to decrease non-revenue water, we developed the MOU to "MOU on Technical Cooperation in Water Supply" in 2018. Based on the new MOU, PEA-KPG started sending our personnel in a short term for training and field study jointly with staffs of Lang Son Water Supply and Drainage JSC mainly on water volume management, as well as continuing training programs in Kanagawa.</p> <p>In FY2020, mutual dispatch of personel was not carried out because of COVID-19. Analysis of water transmission volume and network were conducted through e-mails.</p> <p>Practice in FY2020</p> <p>Records of water transmission volume in the pilot area: monthly from April to March</p> <p>Exchange of Q &amp; A on transmission, network, etc. : 16 e-mails</p>
Target (Cooperator) Countries	Lang Son Water Supply and Drainage JSC

Photos



Name of Organization	<b>Chiba Prefectural Public Enterprises 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 expert dispatching) 19 May - 15 June 2014(Short term technical experts dispatching) 27 July 2015 - 26 July 2017 (Long term technical expert dispatching) 26 October - 4 November 2015(Short term technical experts dispatching) 8 January - 7 February 2016(Short term technical experts dispatching) 13 January - 5 March 2017(Short term technical experts dispatching) 21 August 2017 - 20 August 2019 (Long term technical expert dispatching) 11 November - 19 November 2017 (Short term technical experts dispatching) 2 February - 25 February 2018 (Short term technical experts dispatching) 25 January - 17 February 2019 (Short term technical experts dispatching) 25 July 2019 - 25 July 2020 (Long term technical expert dispatching)		
Main Organizer	JICA		
Outline and Objectives	<ul style="list-style-type: none"> <li>•The government of the Democratic Republic of Timor-Leste (RDTL) set a goal aiming safe and clean water supply for all and 24/7 water supply especially in 12 urban cities by 2030.</li> <li>•However, the water coverage rate was still at 70% (95% in urban, 61% in rural area) as of 2012 despite various supports from the Government of Japan.</li> <li>•Therefore, the water supply sector of RDTL has been in need of continuous supports in order to improve the water supply system.</li> <li>•In response to JICA's request, Chiba Prefectural Public Enterprises Bureau (CPPEB) has been dispatching technical experts to improve water supply system in RDTL.</li> </ul> <p>【Dispatch of long term experts】</p> <ul style="list-style-type: none"> <li>•CPPEB dispatched four technical experts to RDTL from April 2012 through July 2020 in response to JICA's request.</li> <li>•The experts have improved water supply with staffs of the water sector in RDTL and achieved 24/7 water supply in some areas.</li> <li>•From July 2019 to July 2020,a fourth successor has attempted an additional 24/7 water supply in sub-zone in Dili.</li> </ul> <p>(Detail activities are as follows.)</p> <ol style="list-style-type: none"> <li>i) Technical support for operation and water quality control improvement in water purification plants.</li> <li>ii)Technical support for improvement in water distribution system for 24/7 water supply district expansion.</li> <li>iii)Support for administering water service business by independent accounting.</li> </ol> <p>【Dispatch of short term experts】</p> <ul style="list-style-type: none"> <li>•CPPEB has dispatched 25 technical experts in total as short term experts since 2014.</li> </ul> <p>(Detail activities are as follows)</p> <ol style="list-style-type: none"> <li>i)Support for administration and management of the organization.</li> <li>ii)Technical support for the efficient water supply system and understanding of non-revenue water.</li> <li>iii)Technical support for water quality check and chemical doses.</li> <li>iv)Technical support for operation and maintenance of water supply facilities.</li> <li>v)Technical support for usage of water leak detector and metal detector.</li> </ol>		
Target (Cooperator) Countries	¥}}_		
Photos	<div>  <p>Instructions to RDTL staffs on how to repair water leaking</p> </div> <div>  <p>Discussion on how to replace water facilities</p> </div>		

Name of Organization	<b>Saitama City Waterworks Bureau</b>
Name of Activity	The Project for Improvement of Management Capacity of Water Supply Sector of Lao PDR (MaWaSU2)
Implementation Period	May 2018 ~ May 2023
Main Organizer	JICA
Outline and Objectives	<p>This project is to contribute to formulate the foundation necessary for strengthening the water supply sector management system and Waterworks operation ability of Water Supply State Enterprise(W SSE) ,and 3 pilot WSSEs practice to the other WSSEs in Lao toward to improve population served. We dispatch experts with Kawasaki-city,Yokohama-city,Saitama-prefecture.</p> <p>【FY2020 Dispatch experts】 21st May 2018 ~20th May 2021 (Long-term expert[Chief advisor]:1 staff)</p> <p>【Detail about JICA technology cooperation project】 MaWaSU1 ⇒<a href="https://www.jica.go.jp/project/english/laos/012/index.html">https://www.jica.go.jp/project/english/laos/012/index.html</a> MaWaSU2 ⇒<a href="https://www.jica.go.jp/project/english/laos/023/index.html">https://www.jica.go.jp/project/english/laos/023/index.html</a></p>
Target (Cooperator) Countries	Laos / Department of Water Supply , Ministry of Public Works and Transport 、 Pilot WSSEs(Vientiane Capital , Luang Prabang Provincial , Khammouane Provincial) and Department of Public Works and Transport(DPWT) 、 other provinces WSSE and DPWT
Photos <div>   </div>	

Name of Organization	<b>Saitama City Waterworks Bureau</b>
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Name of Activity	The Project for Improvement of Pipeline Management and Maintenance in Water Supply State Enterprises of Lao PDR
Implementation Period	June 2018 ~ June 2021
Main Organizer	JICA
Outline and Objectives	<p>This project is to contribute through dispatch staff and trainee acceptance to support of technique for improve about pipe construction management ,pipe construction standards, pipe selection and management toward to reduce water leakage.</p> <p>【FY2020 Activity】  Mid-term Report (19th Aug 2020) ※Online  Participants:36 (JICA 24 ,Saitama-city 7,Others 5)</p>
Target (Cooperator) Countries	Laos / Department of Water Supply , Ministry of Public Works and Transport 、 Vientiane Capital Water Supply State Enterprise(W SSE), Luang Prabang Provincial W SSE, Khammouane Provincial W SSE

Photos





Name of Organization	<b>Nagoya City Waterworks and Sewerage Bureau</b>
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Name of Activity	JICA Technical Cooperation Project "The Project for Enhancement of Operational Efficiency and Asset Management Capacity of Regional Support Center-Western South of NWSDB in Sri Lanka"
Implementation Period	1 September 2018~ 31 August 2021
Main Organizer	JICA
Outline and Objectives	<p>Nagoya City Waterworks and Sewerage Bureau dispatches experts and conducts training in Japan, in cooperation with JICA Technical Cooperation Project to enhance the pipelines management work in National Water Supply and Drainage Board (NWSDB) in Sri Lanka since fiscal 2018.</p> <p>The contents of implementation in fiscal 2020 of Nagoya are as follows;</p> <ul style="list-style-type: none"> <li>•The dispatch of experts was postponed because of COVID-19</li> <li>•Held regular web conferences with relevant stakeholders to progress project activities</li> <li>•Training materials have been filmed to follow up on the "Training of Trainers"</li> </ul>
Target (Cooperator) Countries	National Water Supply and Drainage Board : NWSDB

Photos





Name of Organization	<b>Nagoya City Waterworks and Sewerage Bureau</b>
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Name of Activity	JICA Partnership Program "PROJECT FOR ENHANCEMENT OF MEASURES AGAINST EARTHQUAKE OF WATER SUPPLY AND SEWERAGE IN MEXICO CITY"
Implementation Period	3 February 2020 ~ 30 September 2022
Main Organizer	Nagoya City Waterworks and Sewerage Bureau
Outline and Objectives	<p>Nagoya City Waterworks and Sewerage Bureau has implemented JICA Partnership Program with Mexico City in February 2020 for enhancement of measures against earthquake of water supply and sewerage. We dispatches experts and conducts training in Japan.</p> <p>The contents of implementation in fiscal 2020 of Nagoya are as follows;</p> <ul style="list-style-type: none"> <li>•The dispatch of experts was postponed because of COVID-19</li> <li>•Held regular web conferences with relevant stakeholders to progress project activities</li> </ul>
Target (Cooperator) Countries	<p>Mexico City Waterworks and Sewerage Bureau(SACMEX)</p> <p>Mexico City Integrated Risk Management and Civil Protection Agency(SGIRPC)</p>

Photos



Name of Organization	<b>Osaka Municipal Waterworks Bureau (OMWB)</b>
Name of Activity	Technical Exchange between SAWACO and OMWB
Implementation Period	March 17th, 2021
Main Organizer	Osaka Municipal Waterworks Bureau (OMWB)
Outline and Objectives	<p>Saigon Water Corporation (SAWACO) and OMWB have mutually agreed to exchange and share technical and managerial knowledge, experiences, information for the purpose of making contribution toward the development of both waterworks and promoting their friendship, signed "Technical Partnership Agreement" on December 2009, revised it on November 2015 and December 2018.</p> <p>Based on this agreement, both SAWACO and OMWB have mutually accepted staffs' visit annually since FY 2010.</p> <p>In this year(FY2020), on-site technical exchange was canceled due to unexpected COVID-19 pandemic.</p> <p>On March 17th, 2021, nine SAWACO's staffs and we have met on-line instead, and discussed technical issues on smart meters and leakage management.</p>
Target (Cooperator) Countries	Saigon Water Corporation (SAWACO), Vietnam
Photos <div>   </div>	


Name of Organization	<b>Osaka Municipal Waterworks Bureau (OMWB)</b>
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Name of Activity	Exchanging ideas on improvement of waterworks in Mandalay region, Myanmar.
Implementation Period	January 25th, 2021
Main Organizer	Osaka Municipal Waterworks Bureau (OMWB)
Outline and Objectives	<p>In 2020, OMWB exchanged letters concerning cooperation for water supply development in Myanmar townships with Mandalay Regional Development Affairs (MRDA) and Ministry of Agriculture, Livestock and Irrigation Department of Rural Development (DRD), respectively.</p> <p>MRDA and OMWB held an on-line meeting for exchanging ideas on improvement of water supply in Mandalay region, Myanmar on January 25th, 2021.</p> <p>OMWB proposed cooperation on business management and human resource development as well as facility building and maintenance for earlier introduction of water treatment plants in the area in which residents use untreated water.</p> <p>MRDA and OMWB agreed to continue discussion for the detail of the future cooperation.</p>
Target (Cooperator) Countries	Mandalay Regional Development Affairs (MRDA), Myanmar

Photos





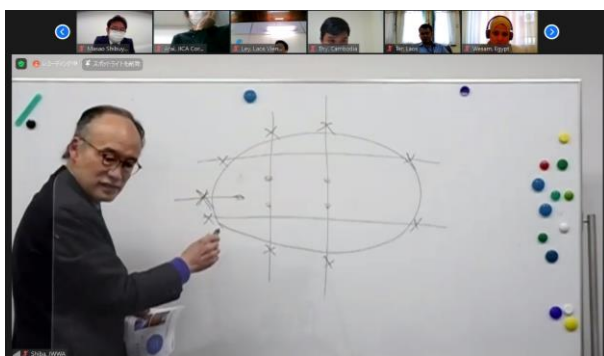
Name of Organization	<b>Fukuoka City Waterworks Bureau</b>
Name of Activity	JICA Partnership Program: Project to improve water supply services in the Nadi/Lautoka region, Fiji(second project)
Implementation Period	January 2018– October 2021
Main Organizer	JICA
Outline and Objectives	<p>■ Summary/Purpose</p> <p>In light of the accomplishments of the first project of the JICA Partnership Program, which concluded in July 2017, a second project was launched to assist the WAF in improving water supply services in the Nadi/Lautoka region. This included water conservation awareness activities for service users, as well as a bolstering of the WAF engineers' capabilities regarding water supply control and leakage prevention. This aims to support the WAF in achieving 24-hour water supply service in the region.</p> <p>■ Activities</p> <ul style="list-style-type: none"> <li>• Remote support through online conferencing</li> </ul> <p>During FY2020, investigations and repairs of water leakage in the Nadi region were supported remotely through web conferences to improve the non-revenue water rate. Remote support was also provided to educate training instructors and to raise the water conservation awareness of service users.</p>
Target (Cooperator) Countries	Water Authority of Fiji
Photos	

Name of Organization	<b>Fukuoka City Waterworks Bureau</b>
Name of Activity	JICA Expert Yangon City Water Administration & Supply Advisor
Implementation Period	December 2018–December 2021
Main Organizer	JICA
Outline and Objectives	<p>■ <b>Summary/Purpose</b></p> <p>Yangon City is the largest city in Myanmar with a population of over 5.6 Million. Along with its further economical development and population increase, the demand for water has increased. Improving the water service is an urgent matter for the city to attend to.</p> <p>Due to this, the Myanmar government requested the Japanese government to dispatch experts to advise and support the water administration. Based on JICA's request, Fukuoka City Government dispatched its own officers to Yangon City to offer advice on water administration and to work on maintaining and renovating the water distribution pipe system.</p> <p>■ <b>Activities</b></p> <ol style="list-style-type: none"> <li>1. Maintenance/renovation of water distribution pipe system: <ol style="list-style-type: none"> <li>1) To analyze the current water distribution pipe system and identify any issues</li> <li>2) To advise on maintenance &amp; renovation planning, designing, construction management of the water distribution pipe system</li> <li>3) To advise on appropriate maintenance management of water distribution pipe system</li> <li>4) To make the Water Vision a reality and apply development policies &amp; plans</li> </ol> </li> <li>2. Waterworks administration <ol style="list-style-type: none"> <li>1) To analyze current policies and planning related to the YCDC waterworks management at the national, state &amp; city levels</li> <li>2) To advise the YCDC in order to improve policy, plan &amp; system at the national, state &amp; city levels</li> <li>3) To advise/support concerned Ministries/Departments</li> <li>4) To support in future Japanese assistance programs</li> <li>5) To share the experience and knowledge of waterworks projects with other municipalities and the Township Development Committee, providing necessary advice</li> </ol> </li> </ol>
Target (Cooperator) Countries	Yangon City Development Committee, Myanmar
Photos	 

Name of Organization	<b>Japan Water Works Association</b>
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Name of Activity	JICA Knowledge Co-Creation Program "Comprehensive Engineering on Water Supply Systems:Basic Planning and Design for Water Supply System (A)"
Implementation Period	1-5 February, 2021
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. This is our 53rd time providing this program. The total number of participants are 642 from more than 100 countries and regions in the long history.</p> <p>Due to the pandemic of COVID-19, the program implemented online only. Participants actively participated lectures and discussions and they learned Non-Revenue Water countermeasures intensively.</p> <p>Main programs of the training course are as follows.</p> <ul style="list-style-type: none"> <li>•Outline of Water Supply in Japan</li> <li>•Water Leak Detection and Prevention</li> <li>•Leak detection/ prevention</li> <li>•Improvement Plan of Revenue Ratio</li> <li>•Sound Management of Urban Water Operator</li> </ul> <p>【Reference】 <a href="http://www.jwwa.or.jp/english/en_04.html">http://www.jwwa.or.jp/english/en_04.html</a></p>
Target (Cooperator) Countries	CAMBODIA, EGYPT, LAOS, MYANMAR, SUDAN (Total 5 participants and 4 observers)

Photos



Name of Organization	<b>Japan Water Works Association</b>
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Name of Activity	SALGA – JWWA Joint Seminars for Water Supply Sector
Implementation Period	January 28-April 21, 2021
Main Organizer	JICA
Outline and Objectives	<p>Online SALGA-JWWA Joint Seminars were held with the aim of widely sharing the responses and knowledge of the issues faced by both countries in order to better operate water supply business in South Africa and Japan. It was co-hosted by South African Local Government Association (SALGA), Japan International Cooperation Agency (JICA) and Japan Water Works Association (JWWA). A total of more than 1,000 people from South Africa, Japan and third countries participated in all seminars. They were lively seminars with many questions asked about the sharing case studies of the staff of water supply sector of both countries.</p> <p>After the seminar, we confirmed Letter Of Intent.</p> <p>Main programs of the seminar are as follows.</p> <ul style="list-style-type: none"> <li>• Human resource development in water supply sector of SA, etc. (SALGA, etc)</li> <li>• Overview of disaster management (DWS)</li> <li>• Human Resources Development and Training for Waterworks, etc. (JWWA)</li> <li>• Practical training (Bureau of Waterworks Tokyo Metropolitan Government)</li> <li>• Skills and knowledge transfer (Yokohama Waterworks Bureau)</li> <li>• Water supply (Fukuoka City Waterworks Bureau)</li> <li>• Regionalization of water services (Kagawa Water Supply Authority)</li> <li>• Water quality control (Osaka Municipal Waterworks Bureau)</li> <li>• Service connection quality assurance (Waterworks Bureau, City of Kawasaki)</li> </ul>
Target (Cooperator) Countries	South Africa

#### Photos

