

Name of Organization	Yokohama Waterworks Bureau, City of Yokohama
Name of Activity	JICA Knowledge Co-creation program "African Region Urban Waterworks Engineering"
Implementation Period	September 4th to 21st (online), October 16th to November 2nd (in Japan), 2023
Main Organizer	JICA, Yokohama Water Co., Ltd., Yokohama Waterworks Bureau (YWWB)
Outline and Objectives	<p>After the 4th Tokyo International Conference on African Development (TICAD IV), which took place 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. As of the end of JFY 2023, YWWB has implemented this one-month-course 15 times and accepted 153 participants from 32 countries in Africa, excluding two online-only training sessions.</p> <p>In Africa, many countries still have problems with water supply. Many of the African countries participating in this course are confronted with the challenges of high NRW rate ranging from 30 to 50% due to water leakage, illegal connection etc.</p> <p>YWWB offered a variety of lectures and practices in technical fields such as: water purification and quality management, distribution management, water supply planning and O&M, also in the administrative fields like water tariffs, customer services and financial planning. During this training course, all the participants made 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>Contents of training program in JFY 2023:</p> <p>YWWB delivered a Hybrid of online and face-to-face training program. In September, the trainees watched video contents and also took part in weekly Q and A sessions through online meetings as pre-training before coming to Japan. In October, they finally visited Japan and toured water facilities, with the relaxation of travel restrictions.</p>
Target (Cooperator) Countries	In 2023, YWWB accepted participants from 8 countries: Ethiopia, Zambia, Nigeria, Madagascar, Malawi, South Africa, South Sudan and Rwanda
Photos	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>Purification plant visit</p> </div> <div style="text-align: center;">  <p>Construction site visit</p> </div> </div>

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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 December 2024
Main Organizer	JICA, Kyowa Engineering Consultants Co., Ltd., Yokohama Water Co., Ltd., Yokohama Waterworks Bureau (YWWB)
Outline and Objectives	<p>Yokohama Waterworks Bureau (YWWB) has dispatched staff to Lilongwe, the capital city of Malawi, since June 2019 to support the 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 Engineering 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 Lilongwe Water Board (LWB) for their strategic planning, methods and knowledge sharing for reducing non-revenue water (NRW) due to leakage, illegal connection, etc.</p> <p>Contents of technical cooperation in JFY 2023:</p> <p>YWWB dispatched a long-term expert from 2019 to 2022. In 2023, YWWB dispatched short-term experts in July and November to support the project.</p> <p>In June, a workshop was held for five water supply utilities nationwide in Malawi in order to expand the project results to other utilities and YWWB provided the guidance about the implementation of the NRW Reduction Strategy.</p>
Target (Cooperator) Countries	Lilongwe Water Board (LWB), Malawi

Photos



leakage survey in Malawi

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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
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. (YWC) (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 further cooperation between the city governments. In order to contribute to professional development and water business promotion for both the cities, YWWB and WASA-F signed an MoU on technical exchange in October 2019. From JFY 2020, YWWB and WASA-F have held online seminars.</p> <p>From JFY 2022, YWWB has strengthened the collaboration with JICA "the Project for Improvement of the Management Capacity of Water Supply Sector in Faisalabad".</p> <p>Contents of MoU</p> <ol style="list-style-type: none"> (1) Organizing an online seminar (once a year) (2) Introduction of products and technologies of the Yokohama Water Business Association (YWBA) member companies (3) Collaboration with JICA "the Project for Improvement of the Management Capacity of Water Supply Sector in Faisalabad" <p>Contents of training program in JFY 2023:</p> <p>In September, YWWB held a two-day online seminar.</p> <ul style="list-style-type: none"> -Date: September 11th and 12th, 2023 -The number of participants:29 (WASA-F) -Audience:2 member companies of Yokohama Water Business Association -Discussion themes: 1) Water meter Management, 2) Discussion on network analysis, 3) Business-matching with 3 member companies of Yokohama Water
Target (Cooperator) Countries	

Photos



Ceremony for conclusion of MoU (JFY2019)



Online seminar participants (JFY2023)

Name of Organization	Yokohama Waterworks Bureau, City of Yokohama
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Name of Activity	The Project for Improvement of Management Capacity of Water Supply Sector (MaWaSU 2・3)
Implementation Period	MaWaSU2 : from May 2018 to December 2023 MaWaSU3 : from February 2024 to February 2028
Main Organizer	JICA
Outline and Objectives	<p>The purpose of this project is to "establish the necessary infrastructure for strengthening the water supply sector management system and the capacity of Water Supply State Enterprise's (WSSE)' to achieve Laos' national goals".</p> <p>In order to improve waterworks administration and strengthen the planning and implementation capacity of WSSE, YWWB dispatched short-term experts in the field of public finance and accepted training in Japan in the same field.</p> <p>This project is carried out in collaboration with four local governments (Saitama Prefecture, Saitama City, and Kawasaki City) including Yokohama City, and five organizations including JICA. As the successor project, "MaWaSU3" is implemented from February 2024, which Yokohama City cooperates continuously with in the field of finance.</p>
Target (Cooperator) Countries	<p>Department of Water Supply (DWS), Ministry of Public Works and Transport(MPWT) of Lao PDR / DWS of MPWT, Vientiane Capital Water Supply State Enterprise (NPNL), 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.</p> <p>Lao Water Works Association(LWWA)</p>

Photos



Short-term expert



Training in Japan

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Name of Activity	JICA Partnership Program "The Project for Capacity Development of PERUMDA Tirtanadi for 24 Hours Safe Water Supply"
Implementation Period	from April 28th, 2023 to April 27th, 2027
Main Organizer	Yokohama Waterworks Bureau (YWWB)
Outline and Objectives	<p>The purpose of this project is to give advice for improving water distribution facilities and instruct staff on how to improve the capacity of water distribution management and treatment of high-turbidity water in Medan, Indonesia, in order to realize safe 24-hour water supply in response to increase in water demand due to population growth.</p> <p>In addition, the project will assist Japanese water supply-related companies in developing their bussiness there, by researching local needs for the products and technologies</p> <p>During the project, Yokohama Waterworks Bureau dispatches staff to Indonesia about three times a year and carries out training in Japan once a year.</p>
Target (Cooperator) Countries	PERUMDA Tirtanadi of North Sumatra Province

Photos



field activity



training in Japan