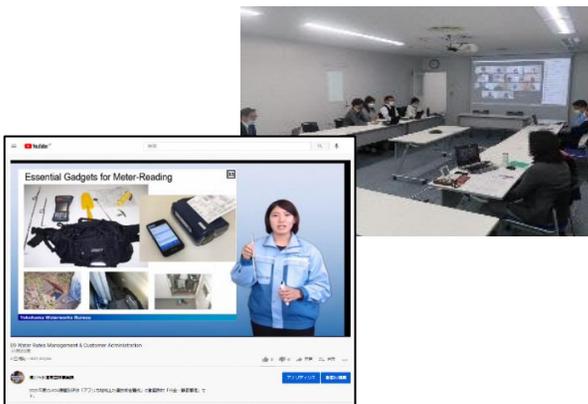


Name of Organization	Yokohama Waterworks Bureau, City of Yokohama
Name of Activity	JICA Knowledge Co-creation program "African Region Urban Waterworks Engineering"
Implementation Period	September 27th to October 28th , 2021
Main Organizer	JICA, Yokohama Water Co.,Ltd., Yokohama Waterworks Bureau (YWWB)
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&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>Contents of training program in JFY 2021:</p> <p>Due to the Covid-19 pandemic, the participants could not visit Japan in JFY 2021, same as the previous year. Under such a circumstance, YWWB delivered an online training program. Considering a time difference among the participants, we created seventeen video contents, each of which is composed of 20-30 minutes lecture, and uploaded them to the online video platform. To supplement the online learning, we also set weekly Q and A sessions through Zoom meetings. In addition to these, YWWB newly conducted an online water purification plant tour.</p>
Target (Cooperator) Countries	In 2021, YWWB accepted 8 participants: Ethiopia (1), Kenya (2), Madagascar (1), Malawi (1), Rwanda (1), Sudan (1) and South Sudan (1)
Photos	
	
Video lecture and Q&A webinar	Broadcast of online water purification plant tour

Name of Organization	Yokohama Waterworks Bureau, City of Yokohama
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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 April 2024
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 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 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 2021:</p> <p>During the JFY 2020, JICA Expert team had supported the project remotely from Japan due to COVID-19, however, returned to the site in May 2021 and resumed project activities.</p> <p>In June, a workshop was held for five water supply utilities nationwide in order to expand the project results to other utilities. In November, NRW reduction Strategy was developed and approved in Lilongwe Water Board.</p> <p>YWWB implemented the online training for the staff of LWB from January 12th to February 4th, and supporting the project.</p>
Target (Cooperator) Countries	Lilongwe Water Board(LWB) , Malawi

Photos



Instructing the NRW Reduction Strategy Development



Expert's instruction for setting water meter

Name of Organization	Yokohama Waterworks Bureau, City of Yokohama
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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>Contents of MoU</p> <p>(1) Trainee acceptance from WASA-F (once a year, 4 staff members, 2 weeks) (2) YWWB staff’s dispatch to WASA-F for a follow-up of the training (upon necessity) (3) Introduction of products and technologies of the Yokohama Water Business Association (YWBA) member companies</p> <p>Contents of training program in JFY 2021:</p> <p>Amid the covid-19 pandemic, in JFY2021, 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. <Online seminar (September 15-16th, 2021)></p> <ul style="list-style-type: none"> -Discussion on four themes; 1) GIS/drawing management, 2) water tariff/customer management, 3) water safety plan and 4) water demand forecasting - Business-matching with three member companies of Yokohama Water Business Association. (Three Pakistani companies also participated in this webinar.)
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 (JFY2019)



Online seminar participants (JFY2021)