

Name of Organization	Waterworks Bureau, City of Sapporo
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Name of Activity	JICA Knowledge Co-Creation Program "Comprehensive Engineering on Water Supply Systems : Practical Training for Water Supply System(B)"
Implementation Period	June 17 - Aug 7, 2025
Main Organizer	JICA Hokkaido, Sapporo Waterworks Bureau, Sendai City Waterworks Bureau, etc.
Outline and Objectives	This course aims to develop engineers who can play a leading role in the operation of water supply facilities or water supply business in order to solve the problems they are facing in their water supply business. It is designed for mid-career waterworks engineers from developing countries, and includes lectures on all aspects of waterworks technology, site visits, and practical training over a period of about two months. By the end of FY2025, the program had been held 33 times and 361 trainees had been accepted, including 18 times for the Cold Region Waterworks Technology Course, which ran until FY2012. 【Main programs of this training course】 • Waterworks Planning • Operation and Management of WPP • Jar Test • Water Quality Management • Water distribution network analysis • Leak Prevention • Water bill collection services • WPP Field Trip • Q&A session for training materials • Guidance on making action plan, etc.
Target (Cooperator) Countries	Senegal, Nepal, Bangladesh, Vanuatu, Micronesia, Morocco, Libya (10 trainees total: two each from Nepal, Vanuatu, and Bangladesh, and one each from other countries.)

Group photo at the opening ceremony



Name of Organization	Bureau of Waterworks, Tokyo Metropolitan Government
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Name of Activity	The 18th Asian Waterworks Utilities Network of Human Resources Development (A1-HRD)
Implementation Period	Wednesday October 29 to Thursday October 30, 2025
Main Organizer	The secretariat is the Bureau of Waterworks,TMG The host for the 18th meeting : MWA
Outline and Objectives	【Background】 Aimed at cities in Asia, this network was launched in 2008 based on a proposal by the Bureau of Waterworks, TMG. 【Purpose】 To contribute to the improvement of water supply services throughout Asia by exchanging information about knowledge and know-how relating to human resource development among water utilities in Asia. 【Main Activities】 • Annual meeting on human resource development which includes presentation and Q&A session, sharing of ideas, open discussion and technical site visits. (The host country for the meeting is rotated among members.) • Information dissemination of meeting results through the website and newsletters. • The 18th meeting in 2025 was hosted by MWA at the MWA Headquarters on October 29 featuring presentations and discussions. On October 30, visits to Samlae Raw Water Pumping Station were conducted.
Target (Cooperator) Countries →Subject Countries/Utilities	Korea : Seoul Water, K-water Academy (Songsan Center) Taiwan : Taiwan Water Corporation (TWC),Taipei Water Department (TWD) Thailand : Metropolitan Waterworks Authority (MWA) Bangladesh : Dhaka Water Supply and Sewerage Authority (DWASA) Japan : Bureau of Waterworks, Tokyo Metropolitan Government

Photos



Name of Organization	Bureau of Waterworks, Tokyo Metropolitan Government
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Name of Activity	Technical Cooperation with Rwanda
Implementation Period	Ongoing
Main Organizer	Bureau of Waterworks, Tokyo Metropolitan Government
Outline and Objectives	Tokyo Water Group and Rwanda have deepened their relationship through JICA projects. Specifically, since 2022, Tokyo Water Co., Ltd. has participated in a JICA technical cooperation project in Kigali, Rwanda, providing advice to strengthen business operations and organizational structures. Building on these efforts, a Memorandum of Understanding (MOU) was signed in February 2025 between the Bureau of Waterworks Tokyo Metropolitan Government, Tokyo Water Co., Ltd., and the Water and Sanitation Corporation (WASAC) of Rwanda to ensure further continuous and sustainable technical cooperation. Based on this MOU, representatives from WASAC visited Tokyo in May 2025 to pay a courtesy call to the Director General of the Bureau of Waterworks Tokyo Metropolitan Government. We also made a tour to a water treatment plant and Customer Service Centers, and gave lectures on the history of Tokyo's leakage prevention measures and leakage management technologies. Furthermore, in August of the same year, Bureau of Waterworks Tokyo Metropolitan Government officials visited Rwanda to inspect water treatment plants and exchange views on future cooperation. Moving forward, the Tokyo Water Group will continue to utilize its technical expertise to provide advice and proposals that contribute to the improvement of water services.
Target (Cooperator) Countries	Rwanda

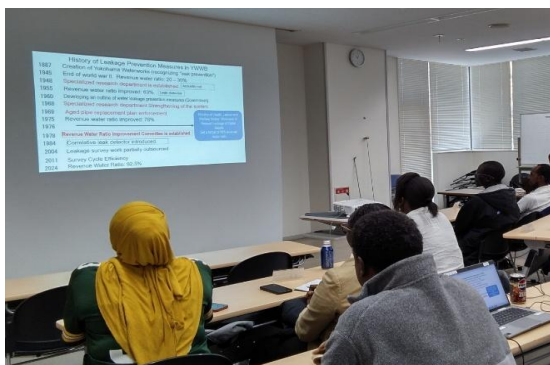
Photos



Name of Organization	Yokohama Waterworks Bureau, City of Yokohama
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Name of Activity	JICA Knowledge Co-Creation Program "African Region : Engineering and Management of Urban Waterworks"
Implementation Period	October 20th to November 14th, 2025
Main Organizer	JICA, Yokohama Water Co., Ltd., Yokohama Waterworks Bureau (YWWB)
Outline and Objectives	After the 4th Tokyo International Conference on African Development (TICAD IV) in May 2008, which took place in Yokohama for the first time, 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 Japan Fiscal Year (JFY) 2025, YWWB has implemented this approximately one-month-course 19 times and accepted 187 participants from 33 countries in Africa, excluding two online-only training sessions during COVID-19 pandemic. 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. 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.
Target (Cooperator) Countries	In JFY 2025, YWWB accepted 11 participants from 8 countries: Angola, Ethiopia, Malaw, Nigeria, South Africa, South Sudan, Sudan, Uganda

Photos



Lecture Attendance



Leakage Survey

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
Main Organizer	Yokohama Waterworks Bureau
Outline and Objectives	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. From JFY 2022, YWWB has strengthened the collaboration with JICA "the Project for Improvement of the Management Capacity of Water Supply Sector in Faisalabad". Contents of MoU (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" Contents of training program in JFY 2025: In August 2025, we welcomed a delegation led by the Chief Minister of Punjab Province to a water treatment plant as part of the MOU-related activities. - Date: August 2025 - Participants: Approximately 20 people, including the Chief Minister of Punjab Province - Details: Site visit to the water treatment plant
Target (Cooperator) Countries	

Photos



Ceremony for Conclusion of MoU



Online Seminar

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 (MaWaSU3)
Implementation Period	from February 2024 to February 2028
Main Organizer	JICA
Outline and Objectives	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 Enterprises to achieve Laos' national goals". In order to improve waterworks administration and strengthen the planning and implementation capacity of Water Supply State Enterprises, Yokohama Waterworks Bureau(YWWB) dispatched short-term experts in the field of public finance and accepted training in Japan in the same field. 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 of MaWaSU(2012-2017) and MaWaSU2(2018-2023), "MaWaSU3" is implemented from February 2024, which YWWB cooperates continuously with in the field of finance.
Target (Cooperator) Countries	Department of Water Supply, Ministry of Public Works and Transport of Lao PDR Departments of Public Works and Transports of each provinces Water Supply State Enterprises of each provinces Lao Water Works Association

Photos



Field Activity



Training in Japan ; Inspection of Water Purification Plant Redevelopment Project

Name of Organization	Yokohama Waterworks Bureau, City of Yokohama
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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	The purpose of this project was to give advice for improving water distribution facilities and instruct local 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. And, the project assisted Japanese water supply-related companies in developing their bussiness there, by researching local needs for the products and technologies During the project period, YWWB dispatched staff to Indonesia approximately three times a year and conducted training programs in Japan once a year. In addition, YWWB carried out activities with ingenuity aimed at achieving better results, such as participating in local exhibitions together with Japanese companies and PERUMDA Tirtanadi, and organizing the closing seminar in Medan.
Target (Cooperator) Countries	PERUMDA Tirtanadi of North Sumatra Province

Photos



Field Activity



Exhibition in Indonesia

Name of Organization	Waterworks and Sewerage Bureau, City of Kawasaki
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Name of Activity	Laos , The Project for Improvement of Management Capacity of Water Supply Sector (MaWaSU 3)
Implementation Period	February , 2024 - February , 2028
Main Organizer	JICA
Outline and Objectives	Continuing from Phase 2, the purpose of the MaWaSU3 is strengthening the sustainable system of the water supply sector in government and each province to contribute to improving the management, planning, and operational capacity of the water supply sector in order to achieve the national goals of the Lao PDR. The main activities are (1) Strengthening the capacity of the Department of Water Supply (DWS) of the Ministry of Public Works and Transport(MPWT) in terms of law enforcement, monitoring, and management; (2) Strengthening the coordination system between the Department of Public Works and Transport(DPWT) and Water Supply State Enterprises(WSEs) for developing water supply facility plans; and (3) Systematizing capacity building programs for WSEs. Kawasaki City will dispatch long-term and short-term experts and will work in cooperation with JICA and the four local governments participating in the project (Saitama City, Saitama Prefecture, and Yokohama City). 【FY2025 Results】 •Long term expert(sub-chief advisor) : 1staff •Short term expert(civil engineering) : 2staff •Acceptance of trainees : 10trainees
Target (Cooperator) Countries	DWS of MPWT, DPWTs in each province,WSEs in each province,Laos Water Works association(LWWA)

Photos



Name of Organization	Waterworks and Sewerage Bureau, City of Kawasaki
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Name of Activity	Indonesia ・ The Project for Improvement of Implementation Capacity of Underground Leakage Countermeasure in Makassar City - Towards Effective Use of Water Resources -
Implementation Period	Nov , 2022 - Oct , 2025
Main Organizer	JICA
Outline and Objectives	In order to reduce the high non-revenue water, which is a major issue in Makassar city, Indonesia, the technical cooperation project utilizing the JICA Partnership Program (Local government type) will be implemented to support underground leakage countermeasure.(Abbreviation: MaKaPro) The objective of MaKaPro is to improve the ability of Perumda Makassar's capability to implement water leakage prevention measures. The aim is to reduce the non-revenue water ratio in Makassar city by efficiently transferring the technology. Activities include the local dispatch of our technical staff and training in Japan for Perumda Makassar. 【FY2025 Results】 ・Dispatch of staff (2times) : 12staff ・Acceptance of trainees (2times) : 6trainees
Target (Cooperator) Countries	Indonesia/Perumda Makassar

Photos



Name of Organization	Public Enterprises Agency of Kanagawa Prefectural Government
Name of Activity	MOU with Lang Son Province, Vietnam
Implementation Period	November 2018 - December 2028
Main Organizer	Public Enterprises Agency of Kanagawa Pref. Government (PEA-KPG)
Outline and Objectives	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 and has continued to explore methods and contents of cooperation. In response to the counterpart's expressed intention to "promoting an approach to decrease non-revenue water which the company is not earning water rates," we contracted "MOU on Technical Cooperation in Water Supply" in 2018. Based on the new MOU, PEA-KPG has provided the training within Kanagawa prefecture, and offered technical assistance through short-term staff exchanges to the employees of Lang Son Water Supply and Drainage JSC., Ltd. in the field of "water volume management." When the memorandum of understanding was set to expire in December 2025, we received the request for the extension from the Ministry of Lang Son, and therefore extended the term of the memorandum by three years. Through the policy training program hosted by Kanagawa Prefecture until 2024, we involved inviting trainees and conducting lectures and site visits. Also, PEA-KPG has dispatched employees to Lang Son province to investigate the facilities, leakages and the status of flow meters in the supply area, from 2018. In addition, we hold online meetings regularly and share information and challenges. <u>Achievements in FY2025</u> Dispatch of employees: November 30-December 5, 2025 (6 employees) Others: Holding online meetings Communicataion regarding distribution volume, network drawing, etc.
Target (Cooperator) Countries	Lang Son PPC, Lang Son Water Supply and Drainage JSC (Viet Nam)
 The scene of the investigation in Lang Son  The state of lectures in the policy training program	

Name of Organization	Public Enterprises Agency of Kanagawa Prefectural Government
Name of Activity	MOU with Hung Yen Province, Vietnam
Implementation Period	November 2024 - December 2031
Main Organizer	Public Enterprises Agency of Kanagawa Pref. Government (PEA-KPG)
Outline and Objectives	PEA-KPG signed "MOU on Consideration of the Possibility of a Cooperative Relationship in the Field of Water Supply" with Hung Yen Province, Vietnam in 2017 and has continued to explore methods and contents of cooperation. In response to the counterpart's suggestion posed during the discussion to request our cooperation regarding "non-revenue water" and "water quality control," we contracted "MOU on Technical Cooperation in Water Supply Field" in 2024. Based on the new MOU, PEA-KPG is providing the training within Kanagawa prefecture, and offering technical assistance through short-term staff exchanges to the employees of the Bureau of Agricultural Environment in Hung Yen Province, in the field of "non-revenue water" and "water quality control." Through the policy training program hosted by Kanagawa Prefecture until 2024, we involved inviting trainees and conducting lectures and site visits. Also, PEA-KPG has dispatched to Hung Yen province to investigate the facilities, leakages, the status of flow meters, and the status of water quality testing in the supply area from 2024. In addition, we hold online meetings regularly and share information and challenges. <u>Achievements in FY2025</u> Dispatch of employees: September 7-13, 2025 (9 employees) Others: Holding online meetings Communicataion regarding distribution volume, network drawing, Water Quality Management Status, etc.
Target (Cooperator) Countries	Bureau of Agriculture and Environment, the People's Committee of Hung Yen Province (Viet Nam)
  The scene of the investigation in The state of site visits in the policy training program	

Name of Organization	Chiba Prefectural Public Enterprises Bureau
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) 10 December 2022 - 9 December 2024 (Long term technical expert dispatching) 29 October - 18 November 2023 (Short term technical expert dispatching) 21 January - 10 February 2024 (Short term technical expert dispatching)
Main Organizer	JICA
Outline and Objectives	•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. •However, the water coverage rate was still at 87% (98% in urban area) as of 2022 despite various supports from the Government of Japan. •Therefore, the water supply sector of RDTL has been in need of continuous supports in order to improve the water supply system. •In response to JICA's request, Chiba Prefectural Public Enterprises Bureau (CPPEB) has been dispatching technical experts to improve water supply system in RDTL. [Dispatch of long term experts] •CPPEB dispatched five technical experts to RDTL from April 2012 through December 2024 in response to JICA's request. •The experts have improved water supply with staffs of the water sector in RDTL and achieved 24/7 water supply in some areas. (Detail activities are as follows.) i) Technical support for operation and water quality control improvement in water purification plants. ii) Technical support for improvement in water distribution system for 24/7 water supply district expansion. iii) Support for administering water service business by independent accounting. [Dispatch of short term experts] •CPPEB has dispatched 29 technical experts in total as short term experts since 2014. (Detail activities are as follows) i) Support for administration and management of the organization. ii) Technical support for the efficient water supply system and understanding of non-revenue water. iii) Technical support for water quality check and chemical doses. iv) Technical support for operation and maintenance of water supply facilities. v) Technical support for usage of water leak detector and metal detector. *In 2025, we discussed technical support for 2026 regarding the individual expert dispatch program initiated by JICA in August.
Target (Cooperator) Countries	Democratic Republic of Timor-Leste
Photos	 Instructions to RDTL staffs on how to repair water leaking  Discussion on how to replace water facilities

Name of Organization	Saitama City Waterworks Bureau
Name of Activity	Project for Strengthening Organization Structures to Promote Non-Revenue Water Reduction in Water Supply State Enterprises of Lao PDR
Implementation Period	January 2025 ~ January 2028
Main Organizer	JICA
Outline and Objectives	This project aims to contribute to strengthening organizational structures to promote Non-Revenue Water countermeasures by dispatching staff and accepting trainees. 【Principal Activities】 •Revise of the Service pipe installation manual and further dissemination to construction personnel. •Improving the system for responding to water leakage repairs •Improvement of the water meter reading operation system. •Water meter replacement planning procedures. 【FY2025 Dispatch staffs, Acceptance trainees】 Dispatch: 4 times(9weeks), 12 staffs Acceptance:1 time(2 weeks), 3 trainees
Target (Cooperator) Countries	Laos / Department of Water Supply , Ministry of Public Works and Transport 、 Pilot WSSEs(Vientiane Capital , Luang Prabang Provincial , Khammouane Provincial)

写真



Name of Organization	Saitama City Waterworks Bureau
Name of Activity	The Project for Improvement of Management Capacity of Water Supply Sector of Lao PDR (MaWaSU3)
Implementation Period	February 2024 ~ February 2028
Main Organizer	JICA
Outline and Objectives	This project aims to enhance sustainable mechanism for the improvement of management, planning, and operational capacities in the water supply sector at the national and provincial levels in Laos, to achieve the national goals of the country. We dispatch experts with Kawasaki City, Yokohama City and Saitama Prefecture. 【Main Activities】 •Capacity of Department of Water Supply (DWS) of the Ministry of Public Works and Transport(MPWT) to implement, monitor and manage laws and regulations in water supply administration is enhanced. •Deliberation structure on feasibility of water supply facility development between Department of Public Works and Transport(DPWT) and Water Supply State Enterprise(W SSE) is enhanced through their capacity development on basic planning of water supply facilities. •Capacity development programs for W S S E s are systematized in a sustainable manner. 【FY2025 Dispatch experts,Acceptance Trainees】 14th February 2024 ~13th February 2028 (Long-term expert[Chief advisor]:1 staff) 12th January 2026 ~ 14th Marth 2026 (Short-term expert[Water Quality Engineer]:1staff) 28th October 2025~ 29th October 2025(Acceptance:10 trainees)
Target (Cooperator) Countries	Laos / DWS of MPWT, DPWTs in each province,W S S E s in each province,Laos Water Works association(LWWA)
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Name of Organization	Saitama Prefectural Public Enterprise Bureau
Name of Activity	The Project for Enhancement of Human Resource Development for Waterworks in Thailand and Laos
Implementation Period	December 2022 - December 2025
Main Organizer	Saitama Prefectural Public Enterprise Bureau
Outline and Objectives	This project is implemented as a JICA Partnership Program. The purpose of this project is to contribute to the development of water supply in Thailand and Laos by strengthening the human resource development system for the appropriate and efficient operation and management of water supply facilities in the water utilities of the two countries, thereby realizing the stable supply of high-quality water. <Activities in FY 2025> ○Joint Training (Thailand,6 members) August 24 - August 30, 2025
Target (Cooperator) Countries	Thailand / Provincial Waterworks Authority (PWA) Lao PDR / Vientiane Capital Water Supply State Enterprise (NPNL)
Photos	 Field Visit (Thailand)  Joint Training (Thailand)

Name of Organization	Saitama Prefectural Public Enterprise Bureau
Name of Activity	The Project for Improvement of Management Capacity of Water Supply Sector
Implementation Period	February 2024 - February 2028
Main Organizer	JICA
Outline and Objectives	<Outline> JICA web page https://www.jica.go.jp/oda/project/202208133/index.html <Cooperation contents> In accordance with the cooperation agreement on the project concluded in February 2024, we are cooperating in the dispatch of experts in the field of equipment and water quality and the acceptance of trainees. <Activities in FY 2025> ○Dispatch of Short-Term Expert (1 members) October 13 - December 13, 2025 ○Training in Japan (9 members from Laos) October 30, 2025 ○Annual report meeting (2 members) January 6 - January 10, 2026
Target (Cooperator) Countries	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) of Vientiane Capital, Luang Prabang, Khammouane and WSSEs and DPWTs of other provinces
Photos	  Dispatch of Short-Term Expert   Training in Japan Annual report meeting(Laos)

Name of Organization	Nagoya City Waterworks and Sewerage Bureau
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Name of Activity	The JICA Training and Dialogue Programs Non-Revenue Water Management(Leakage Control)(A)
Implementation Period	20 October ~ 19 November 2025
Main Organizer	JICA
Outline and Objectives	This program aims to Capacity Development for Non Revenue Water management of Developing countries engineers. The main training programs in Nagoya are as follows; •Leakage Control •Water Distribution Planning •Pipeline Design •Maintenance of water supply system •Site visits (Water Puri cation Plant, Pipeline Center etc.) •Public Relations •Water Meter Readings
Target (Cooperator) Countries	Honduras, Mexico, Mozambique, Nicaragua, Rwanda, Samoa, Sri Lanka, Tunisia, Zambia, Philippines

Photos



Name of Organization	Nagoya City Waterworks and Sewerage Bureau
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Name of Activity	JICA Partnership Program "Project for the Improvement of the Water and Sewer Service Level in the Framework of the Integrated Water Resources Management Program of Mexico City"
Implementation Period	19 December 2024 ~ 17 December 2027
Main Organizer	Nagoya City Waterworks and Sewerage Bureau
Outline and Objectives	Mexico City's water supply and sewerage system is faced with a wide range of issues, including population growth, climate change, uncontrolled development of each water source, the vulnerability of the water system, and land subsidence. In order to solve these issues, stakeholders must address them from a comprehensive perspective after accurately identifying the causes of the issues. This project aims to improve the standard of water supply and sewerage services in Mexico City and ensure a smoother water resource management cycle by having Nagoya City provide technical cooperation to part of Mexico City's Program for Integrated Water Resources Management (PGIRH). The activities in FY2025 are as follows •Second staff dispatch (July 28th to August 18th, 2025) 4 staff dispatched •First training program in Japan (October 28th - November 14th, 2025): 6 participants accepted.
Target (Cooperator) Countries	Mexico City Integrated Water Management Agency(SEGIAGUA) Mexico City Integrated Risk Management and Civil Protection Agency(SGIRPC)

Photos



Second staff dispatch
Field survey



First training program in Japan
inspection

	Organization Name	Toyohashi Waterworks & Sewerage Bureau
事業 1	Project Name	Grassroots Technical Cooperation Project Project for Strengthening Tap Water Supply Services in Solok (Region Revitalization Special Framework)
事業 1	Project Term	April 2023 - February 2026
事業 1	Organizing Agency	Japan International Cooperation Agency (JICA)
事業 1	Project Outline and Objectives	■Project Outline and Objectives Building upon the positive results of the water purification technology guidance provided to the city of Solok during Phase 1, we are implementing efforts aimed at ensuring a stable system for providing "drinkable tap water" produced at water filtration plants to residents. Furthermore, as part of these efforts, we are cooperating with organizations associated with Public Water Supply Company and Andalas University, etc., in the Padang city region, and conducting activities linked to the development of human resources and the establishment and transmission of skills and technology acquired thus far. ■Principal Activities for Phase 2 (2023 - 2025 fiscal years) 1. Conduct training on improving water distribution pipes for staff in charge of plumbing at Solok Region Public Water Supply Company to ensure a steady supply of "drinkable tap water" for Solok residents in the model district. 2. Promote "drinkable tap water" to residents of Solok, and aim to raise awareness of water supply projects and improve residents' daily lives. 3. Conduct human resources development so that local supervising staff can themselves pass on skills they've acquired to establish the water supply technology necessary for providing a stable supply of "drinkable tap water." ■Principal Activities for the 2025 Fiscal Year •Following a request from Mayor of Solok City, we conducted on-site surveys and water pressure tests, and decided to supply the municipal hospital with drinkable tap water. We collaborated with local officials from the Solok City Waterworks Bureau to develop a plan to supply drinking water to the Solok City Municipal hospital. This allowed for improvements to the water treatment facilities and the installation of dedicated drinking water taps within the hospital.
事業 1	Target (Partner) Countries, Organizations	Republic of Indonesia Solok Region Public Water Supply Company
事業 1	Photos	 

Name of Organization	Hamamatsu City Water Services Department
Name of Activity	JICA Partnership Program"Technical Support for Inspection Skills for the Maintenance and Management of Water Pipes in Bandung City"
Implementation Period	April 2025 to September 2027
Main Organizer	Hamamatsu City Water Services Department
Outline and Objectives	Leveraging our city's technical expertise in the water supply sector, we have been providing technical support to Bandung City, Indonesia since 2017. 2017-2019:Technical Support Regarding Leak Prevention Initiatives in Bandung City 2025-2027:Technical Support for Inspection Skills for the Maintenance and Management of Water Pipes in Bandung City The technical support project, which began in 2025, aims to enable Bandung City Waterworks Corporation employees and others to maintain water pipelines in the pilot area. In 2025, the following activities were carried out. [Activities (2025)] First Staff Dispatch: July 7th - 18th, 8 staff members dispatched Second Staff Dispatch: September 15th - 19th, 5 staff members dispatched First Acceptance Training: November 12th - 21th, Acceptance of 8 staff members from the PERUMDA Bandung and Bandung City [Activity Results (2025)] To train instructors capable of inspecting water pipelines, 8 staff members from PERUMDA Bandung and the city of Bandung were selected as special team members. The special team members received an introduction to the city's initiatives (various lectures) and instruction on the use of inspection equipment (fieldwork), fostering a basic understanding of maintenance and management. In addition, field surveys were conducted in the pilot area, and work progressed on reflecting and correcting the findings in the mapping data.
Target (Cooperator) Countries	Bandung City, Republic of Indonesia (PERUMDA Bandung)
Photos  	

Name of Organization	Osaka Municipal Waterworks Bureau (OMWB)
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Name of Activity	Technical Exchange between SAWACO and OMWB
Implementation Period	On-site survey: September 8–13, 2025 Training in Japan: December 7-13, 2025
Main Organizer	Osaka Municipal Waterworks Bureau (OMWB)
Outline and Objectives	Osaka Municipal Waterworks Bureau (OMWB) concluded a Memorandum of Understanding on Technical Exchange (hereinafter referred to as “the Memorandum”) with Saigon Water Corporation (SAWACO), the Ho Chi Minh City Water Supply Authority, Vietnam in December 2009. Since then, technical exchanges have been conducted annually. These technical exchanges consist of two components: training programs conducted in Japan and on-site surveys of SAWACO to collect information necessary for the training. In FY 2025, the on-site survey was conducted in September, and the training program in Japan was held in December. In the FY2025 training program in Japan, ten staff members from SAWACO were accepted, and technical exchanges were carried out focusing on the following themes: • Ensuring the qualifications of staff responsible for remote monitoring and control • Identifying optimal sites for the Telemeters used in centralized control of the distribution network • Maintenance and Management of Large-diameter Pipelines • Operation and maintenance of Water Distribution Plants In addition, partner companies of OMWB involved in overseas water business cooperation introduced their products and technologies related to the technical exchange themes to SAWACO. Furthermore, participants toured “Aquatic Osaka,” a permanent exhibition space operated by OMWB that showcases private-sector products and technologies.
Target (Cooperator) Countries	Saigon Water Corporation (SAWACO), Vietnam



Field survey



Visit to Kunijima WTP

Name of Organization	Osaka Municipal Waterworks Bureau (OMWB)
Name of Activity	JICA Knowledge Co-creation program"Operation and Maintenance of Urban Water Supply System "
Implementation Period	May 19- July 11, 2025
Main Organizer	Japan International Cooperation Agency (JICA)
Outline and Objectives	Osaka Municipal Waterworks Bureau(OMWB) has been implementing the training of "Group Training Course (Operation and Maintenance of Urban Water Supply System)" established by Japan International Cooperation Agency(JICA) in FY 1994, and has accepted many trainees to date. Since FY 2012, the training program has been devided into more specialized two courses, for Water distribution and supply and for Water quality and purification. Furthrmore, since FY 2016, Osaka City, Kobe City, Kyoto City and Sakai City (since 2021) have been collaborating to provide training more effectively and efficiently respond to the diversifying needs of trainees, by using the technical capabilities and facilities of each city effectively. In addition to lectures and practical training on the operation and maintenance of water supply facilities and water treatment technologies, each trainee received introductions to Japanese technologies provided by private companies. Moreover, to help address challenges faced in their home countries, trainees engaged in needs-based discussions with instructors, and received consultations that incorporated applicable Japanese technologies. Based on these interactions, each trainee developed an action plan.
Target (Cooperator) Countries	Bangladesh, Cambodia, Timor-Leste, Jordan, Madagascar, Micronesia, Nepal, Pakistan, the Philippines, Sudan, Zambia (Trainees: 16 in total)



Consultation



Water purification training

Name of Organization	Osaka Municipal Waterworks Bureau (OMWB)
Name of Activity	JICA Partnership Program "The Project for Improvement of Management Capacity of Water Supply Facilities in Jambi City"
Implementation Period	December, 2025 - November, 2028
Main Organizer	Osaka Municipal Waterworks Bureau (OMWB), Osaka Water General Services Co., Ltd.(OWGS), etc.
Outline and Objectives	Osaka Municipal Waterworks Bureau (OMWB) concluded a Memorandum of Understanding on Technical Exchange with Tirta Mayang, the water utility of Jambi City in Indonesia on August 28,2023, the aim of implementing technical cooperation to achieve a safe and high-quality water supply in Jambi City. In Jambi City, a high non-revenue water rate and the decline in water supply capacity at Water Treatment Plants have been identified as urgent issues.To address these issues, OMWB has been providing support under JICA Partnership Program(JPP), in collaboration with its affiliated organization, Osaka Water General Services Co., Ltd.(OWGS), and other private companies. (Details of Support) 1 Leakage Reduction Project: High-quality Japanese materials and proper construction methods for service connections up to water meters are introduced and implemented in a model area within Jambi City to reduce leakage rates. 2 Water Treatment Capacity Improvement Project: Appropriate operation and maintenance methods for facilities and equipment are introduced and implemented at a model water treatment plant to enhance its treatment capacity. In FY 2025, a site visit was conducted in February 2026. During the visit, discussions were held with local stakeholders to facilitate the smooth implementation of the project, and field surveys were carried out to assess the detailed conditions of the model area for service connection works and the model water treatment plant.
Target (Cooperator) Countries	Jambi City Water Utility (Tirta Mayang), Indonesia



Discussion with local stakeholders



Field survey

Name of Organization	Osaka Water Supply Authority
Name of Activity	MWA-OWSA Technical Exchange Program
Implementation Period	2025/11/10~2025/11/21
Main Organizer	Osaka Water Supply Authority
Outline and Objectives	OWSA(Osaka Water Supply Authority) has cooperated with MWA(Metropolitan Waterworks Authority) through the technical training program at the NWTTI(National Waterworks Technology Training Center) in Thailand which JICA established.We signed the MOU(memorandum of understanding) for further development of each waterworks on 27th November, 2012. Following the training conducted in 2018 and 2019, in 2025, we accepted four MWA staffs as trainees and conducted exchanges of technology under the thema of "Water Treatment & Water Supply Management".
Target (Cooperator) Countries	MWA(Metropolitan Waterworks Authority), Thailand
Photos	 

Name of Organization	Osaka Water Supply Authority
Name of Activity	Third Country Training Program, Thailand "Practice in Innovation and Digital Technology for Sustainable Water Management"
Implementation Period	2025/11/23~2025/11/30
Main Organizer	JICA(Japan International Cooperation Agency), TICA(Thailand International Cooperation Agency) , MWA(Metropolitan Waterworks Authority)
Outline and Objectives	Two OWSA staff members were dispatched as JICA researchers to a third-country training program jointly conducted by JICA, TICA, and MWA for ASEAN countries. They gave lectures on the theme of "Crisis Management in Water Quality Management."
Target (Cooperator) Countries	Timor-Leste, Myanmar, Vietnam, Laos, Thailand
Photos	 

Name of Organization	Kyoto City Water Supply and Sewerage Bureau
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Name of Activity	JICA Knowledge Co-Creation Program "Operation and Maintenance of Urban Water Supply System (Water Quality and Purification) (A)"
Implementation Period	June 18, 2025 – July 11, 2025
Main Organizer	JICA Kansai
Outline and Objectives	In collaboration with Osaka City, we provided training for 8 trainees. In order to help the trainees solve problems in their work, we checked the actual situation of their organizations and problems in their work, and gave them advice on how to solve their problems.
Target (Cooperator) Countries	East Timor, Philippines, Bangladesh, Nepal, Sudan, Micronesia

Photos



Name of Organization	KOBE City Waterworks Bureau
Name of Activity	JICA knowledge co-creation Program "Operation and Maintenance of Urban Water Supply System (Water Distribution and Service) (A)"
Implementation Period	May 1st, 2025 - July 11th, 2025
Main Organizer	JICA-Kansai
Outline and Objectives	The Kobe City Waterworks Bureau has been accepting participants for the JICA knowledge co-creation Program "Operation and Maintenance of Urban Water Supply System (Water Distribution and Service) (A)" which is implemented in collaboration with the Keihanshin area (Osaka City, Kobe City, and Sakai City), since fiscal year 2016. In 2025, the program provided support for 8 participants from 8 countries in making action plans to solve the problems each of their countries, as well as a tour of a large-capacity water transmission shaft facility.
Target (Cooperator) Countries	Bangladesh, Cambodia, Jordan, Madagascar, Pakistan, Sudan, East Timor, Zambia
Photo	 
Support for making action plans	
Tour of a large-capacity water supply pipe shaft	

Name of Organization	KOBE City Waterworks Bureau
Name of Activity	JICA knowledge co-creation Program "Operation and Maintenance of Urban Water Supply System (Water Quality and Purification) (B)"
Implementation Period	December 8th, 2025 - February 6th, 2026
Main Organizer	JICA-Kansai
Outline and Objectives	The Kobe City Waterworks Bureau has been accepting participants for the JICA knowledge co-creation Program "Operation and Maintenance of Urban Water Supply System (Water Quality and Purification) (B)" since fiscal year 2015. In 2025, training on water supply technology was provided to 8 participants from 8 countries. Based on on-demand classes, in-person classes and Q&A session with training instructors, participants made an Action Plan aiming to solve the problems each of their countries have. Due to a decrease in demand for water-related training from overseas, applications for the JICA knowledge co-creation Program "Operation and Maintenance of Urban Water Supply System (Water Quality and Purification) (B)" were closed as of fiscal year 2025. Main programs of the training course are as follows. • Make and Report a Country Report • Training Program (on-demand class) • Training Program (in-person class) • Make and Report an Action Plan • Q&A session
Target (Cooperator) Countries	Azerbaijan, Cambodia, Jamaica, Nigeria, Papua New Guinea, South Sudan, Ukraine, Morocco
Photo	 
	Make an Action Plan Tour of Telemetry and Telecontrol

Name of Organization	The City of Hiroshima Waterworks Bureau
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Name of Activity	JICA Operation and Maintenance of Urban Water Supply Systems Course B
Implementation Period	July 3 to August 7, 2025
Main Organizer	JICA
Outline and Objectives	The City of Hiroshima accepts technicians in the field of waterworks from developing countries 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 countries. The City has accepted 109 trainees since receiving JICA Chugoku's request in 2013. Main Programs of Training Course: •Hydrologic Accounting •Operation and Maintenance of Purification Plants •Water Quality Management •Leak Prevention Training •Waterworks Facilities Information Management System •Repair of Burst Water Pipes
Target (Cooperator) Countries	Ukraine,Sri Lanka,Nepal, Bangladesh [seven participants in total]

Photos



Name of Organization	Fukuoka City Waterworks Bureau
Name of Activity	JICA Technical Cooperation Project: Project for Capacity Development of Non-Revenue Water Reduction in Nadi and Lautoka Area
Implementation Period	May 2023 – September 2026
Main Organizer	JICA, Nihon Suido consultants, Yachiyo Engineering, Fukuoka City Waterworks Bureau
Outline and Objectives	■ Summary/Purpose In Nadi and Lautoka area located in the western part of the Republic of Fiji, NRW ratio is as high as 48% and water demand is expected to increase with population growth. It is necessary that the area keeps water supply by reducing NRW and Water Authority of Fiji enhances its NRW management capability. Due to the background, JICA is conducting this technical cooperation project, and Fukuoka City Waterworks Bureau participates in the project as through dispatching a short-term expert and accepting training course in Fukuoka City. These activities are expected to develop the capabilities of Fijian engineers. ■ Activities (FY 2025) •Dispatching two staff to Fiji as a short-term expert
Target (Cooperator) Countries	Water Authority of Fiji, Republic of Fiji
photos   Dispatching to Fiji Dispatching to Fiji	

Name of Organization	Fukuoka City Waterworks Bureau
Name of Activity	JICA Group and Region Focused Training: Non-Revenue Water (NRW) Management (Leakage Control)
Implementation Period	Online program: September 9, 2025 – September 19, 2025 Course in Japan: October 14, 2025 - November 4, 2025
Main Organizer	JICA
Outline and Objectives	■ Summary/Purpose Developing countries tend to have a higher rate of NRW due to a shortage of waterwork engineers. By accepting their officers as JICA Group and Region Focused trainees, and transferring Fukuoka City's expertise and techniques on waterworks, Fukuoka City contributes to improve those countries' water supply environment. In addition, these aims to develop the capability of the engineers in Fukuoka City through international cooperation activities and to improve their technical standards by accumulating activities. The course program in fiscal year 2025 was a mixture of online and in-person training in Japan. While online training had on-demand lectures, in-person training in Japan had some site visits and exercises. ■ Activities • Lectures: water supply in Fukuoka city; NRW management, water leakage prevention; design, construction and maintenance of distribution pipe; and human resource development, and so on • Site visits: construction site of distribution pipe, meter instrumental error test, sea water desalination institution, and customer center, and so on • Exercises: NRW reduction training at technical training center • Support: developing action plans
Target (Cooperator) Countries	Dominican Republic (1 person), Egypt (1 person), Jordan (2 person), Morocco (1 person), Palau (1 person), South Africa (1 person), Sudan (1 person), Tanzania (1 person), Timor-Leste (1 person)
photos  Developing action plan  Practice of reducing non-revenue water in technical training center	

Name of Organization	Fukuoka City Waterworks Bureau
Name of Activity	JICA Technical Cooperation Project: Project for Capacity Development of Non-Revenue Water Reduction in Sfax metropolitan urban water supply district, southern region, Tunisia
Implementation Period	2nd phase: June 2024 – April 2026
Main Organizer	JICA, Yachiyo Engineering, Japan Techno, Fukuoka City Waterworks Bureau
Outline and Objectives	■ Summary/Purpose In Republic of Tunisia, approximately 85% of high-quality water resources are distributed in the north of the country, making it an urgent issue to address the regional uneven distribution of water resources and the increasing demand for water due to population growth. The southern city of Sfax depends on northern water sources for the majority of its water supply, and the severe water shortages during the dry season and the high non-revenue water ratio (24%) require efficient non-revenue water management. Due to the background, Fukuoka City Waterworks Bureau, which has been promoting water conservation-conscious city, will accept training courses in Fukuoka City, sharing its know-how and knowledge of non-revenue water measures, etc. The training courses are expected to contribute to efficient non-revenue water management in the Sfax metropolitan area. The course program in fiscal year 2025 was a mixture of online and in-person training in Japan. While online training had on-demand lectures, in-person training in Japan had some site visits and exercises. ■ Activities • Lectures: water supply in Fukuoka city; NRW management, water leakage prevention; design, construction and maintenance of distribution pipe; and human resource development, and so on • Site visits: construction site of distribution pipe, meter instrumental error test, sea water desalination institution, and customer center, and so on • Exercises: NRW reduction training at technical training center • Support: developing action plans
Target (Cooperator) Countries	National Water Distribution Utility, Republic of Tunisia (8 persons)
photos   Construction site of distribution pipe Meter error test	

Name of Organization	Water and Sewer Bureau, City of Kitakyushu
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Name of Activity	Human Resource Development for Management Improvement of Phu Tho Water Supply Joint Stock Company, Vietnam
Implementation Period	(1) June 2025 (approximately 2 weeks) (2) September 2025 (approximately 2 weeks) Overall project period: January 2024 – January 2026
Main Organizer	Water and Sewer Bureau, City of Kitakyushu
Outline and Objectives	Project Overview We implemented a two-year technical cooperation project with the Phu Tho Water Supply Joint Stock Company in Vietnam, focusing on Non-Revenue Water (NRW) reduction and management improvement. In the final Japanese fiscal year 2025, activities prioritized "early leak detection" and "capacity building / raising staff awareness." Key Achievements •The accuracy of identifying leaks improved through the introduction of the SCADA analysis workflow proposed by the City of Kitakyushu. •We demonstrated the effectiveness of District Metered Areas (DMA), contributing to the promotion of facility planning. Training Programs Delivered •Detection of leak signs through SCADA analysis •Practical field training for locating leak points using leak detectors •Introduction of Kitakyushu's best practices (Central Monitoring, GIS, and Asset Management) •Product presentations by member companies of the Kitakyushu Overseas Water Business Association (KOWBA)
Target (Cooperator) Countries	Phu Tho Water Supply Joint Stock Company, Vietnam (Partner Agency: Haiphong Water Joint Stock Company)

Photos



Training on SCADA Analysis



Practical Training on Leak Detection

Name of Organization	Water and Sewer Bureau, City of Kitakyushu
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Name of Activity	The Project for the Expansion of Water Supply System in Svay Rieng
Implementation Period	(1) 25 November 2025 – 23 December 2025 (2) 1 March 2026 – 24 March 2026
Main Organizer	Japan International Cooperation Agency (JICA)
Outline and Objectives	The technical cooperation was provided to Svay Rieng Water Utility (SRWU) in Cambodia to strengthen its operational and maintenance capacity for newly developed water treatment and distribution facilities under the Project for Expansion of Water Supply System in Svay Rieng. The required lectures and on-the-job training were conducted on operation and maintenance of water treatment facilities, operation and maintenance of distribution facilities, and production management to support stable water supply and sustainable utility operation. Main activities included: (1) Operation and maintenance of water treatment facilities - Preparation of operation and maintenance procedures, basic training, and OJT (2) Operation and maintenance of distribution facilities - Preparation of distribution flow monitoring procedures and OJT (3) Production management - Preparation of efficient operation methods for new and existing water treatment plants, preparation of sludge treatment plans, and OJT
Target (Cooperator) Countries	Svay Rieng Water Utility (SRWU), Kingdom of Cambodia

Photos



Lecture on minimum night flow monitoring



Removal of the residual chlorine meter electrode

Name of Organization	Japan Water Works Association
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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	8 October- 14 November, 2025
Main Organizer	JICA
Outline and Objectives	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. The program features a number of lectures, observation tours and exercises regarding comprehensive water supply technologies. This is our 58th time providing this program. The total number of participants are 679 from more than 90 countries and regions in the long history. Main programs of the training course are as follows. •Country Report Presentation •Water Safety Plan •Visit to Dam for Water Supply •Water Leak Detection Demonstration and Practice •Visit to Gravity Flow Water Treatment Plant •Basic Planning for Water Supply Facilities •Visit to Open Cut Method Pipe Laying Construction •Jar Test(Optimization of Coagulation / Flocculation Process) etc 【Reference】 http://www.jwwa.or.jp/english/en_04.html
Target (Cooperator) Countries	CAMBODIA, LAOS, NEPAL, NIGERIA, SUDAN, YEMEN (Total 8 participants)

Photos

