| ■International Activities (Water Oper                            | ators Partnerships)  | FY2024                                |
|--|--|---------------------------------------|
| Category   | Name of Activities   | Notes                                 |
| Waterworks Bureau, City of Sapporo                               |  |                                       |
| JICA Knowledge Co-Creation Program                               | Comprehensive Engineering on Water Supply Systems: Practical Training for Water Supply System(B)   | Training in Japan                     |
| JICA Partnership Program   | Project to systematize water supply and Distribution system Management in Pokhara, Nepal   | Training on site and in Japan         |
| Bureau of Waterworks, Tokyo Metropo                              |  |                                       |
| Water Utility Program  | The 16th Asian Waterworks Utilities Network of Human Resources Development   | Information exchange, Site visits     |
|  | (A1-HRD) Non-Revenue Water Management (Leakage Control) B  | Training in Japan                     |
| Yokohama Waterworks Bureau, City of                              |  |                                       |
| JICA Knowledge Co-creration program                              | African Region Urban Waterworks Engineering  | Training in Japan                     |
| JICA Technical Cooperation Project                               | The Project for Strengthening the Capacity of Non-Revenue Water Reduction for Lilongwe Water Board(LiSCaP)   | Dispatch experts Online Training      |
| Water Utility Program  | Technical Exchanges based on Memorandum of Understanding between Water and Sanitation Agency Faisalabad and Yokohama Waterworks Bureau   | Online Training                       |
| JICA Technical Cooperation Project                               | The Project for Improvement of Management Capacity of Water Supply Sector (MaWaSU 2·3)   | Dispatch experts<br>Training in Japan |
| JICA Partnership Program   | The Project for Capacity Development of PERUMDA Tirtanadi for 24 Hours Safe Water Supply   |                                       |
| Waterworks and Sewerage Bureau, Cit                              |  | Training in Capati                    |
| JICA Technical Cooperation Projects                              | The Project for Improvement of Management Capacity of Water Supply Sector ((MaWaSU 3)  | Dispatch experts<br>Training in Japan |
| JICA Partnership Program   | The Project for Improvement of Implementation Capacity of Underground Leakage  | Dispatch experts                      |
| Public Enterprises Agency of Kanagaw                             | Countermeasure in Makassar City – Towards Effective Use of Water Resources –<br>va Prefectural Government  | Training in Japan                     |
| Water Utility Program  | MOU with Lang Son Province, Vietnam  | Dispatch experts<br>Training in Japan |
| Chiba Prefectural Public Enterprises I                           | Bureau   | Training in Gapan                     |
| JICA Technical Cooperation Project                               |  | Dispatch experts                      |
| Saitama City Waterworks Bureau                                   |  |                                       |
| JICA Partnership Program   | Project for Strengthening Organization Structures to Promote Non-Revenue Water<br>Reduction in Water Supply State Enterprises of Lao PDR   | Dispatch experts                      |
| JICA Technical Cooperation Projects                              | The Project for Improvement of Management Capacity of Water Supply Sector of Lao PDR (MaWaSU3)   | Dispatch experts<br>Training in Japan |
| Saitama Prefectural Public Enterprise                            | Bureau   |                                       |
| JICA Partnership Program   | The Project for Enhancement of Human Resource Development for Waterworks in Thailand and Laos  | Dispatch experts                      |
| JICA Technical Cooperation Projects                              | The Project for Improvement of Management Capacity of Water Supply Sector  | Dispatch experts Training in Japan    |
| Nagoya City Waterworks and Sewerag                               | e Bureau   |                                       |
| JICA Training and Dialogue program                               | Non-Revenue Water Management(Leakage Control)  | Training in Japan                     |
| JICA Partnership Program   | Project for the Improvement of the Water Service Level in the Framework of the Integrated Water Resources Management Program of Mexico City  | Dispatch experts                      |
| Toyohashi Waterworks & Sewerage Bu                               | ireau  |                                       |
| JICA Partnership Program   | Project for Strengthening Tap Water Supply Services in Solok<br>(Region Revitalization Special Framework)  | Dispatch experts                      |
| Osaka Municipal Waterworks Bureau                                | The officer the state of the st |                                       |
| W. Helle D.  | T L : LE L L L CAWAGO DOWAGO LOMMD   | Dispatch experts                      |
| Water Utility Program  | Technical Exchange between SAWACO, DOWACO and OMWB   | Training in Japan                     |
| JICA Knowledge Co-Creation Program  Osaka Water Supply Authority | Operation and Maintenance of Urban Water Supply System   | Training in Japan                     |
| Water Utility Program  | Thai Water Expo 2024 Water Forum   | Oral Presentation                     |
| JICA capacity strengthening training                             | Waterworks   | Training in Japan                     |
| Kyoto City Water Supply and Sewerag                              |  |                                       |
| JICA knowledge co-creation Program                               | Operation and Maintenace of Urban Water Supply System (Water Quality and Purification) (A)   | Training in Japan                     |
| KOBE City Waterworks Bureau                                      |  |                                       |
| JICA knowledge co-creation Program                               | Operation and Maintenace of Urban Water Supply System (Water Quality and Purification) (B)   | Training in Japan                     |
| The City of Hiroshima Waterworks Bu                              | reau   |                                       |
| JICA Knowledge Co-Creation Program                               | Operation and Maintenance of Urban Water Supply Systems Course B   | Training in Japan                     |
| Fukuoka City Waterworks Bureau                                   | Decise for Constitution of CN D W. D. W. D | Disease and the                       |
| JICA Technical Cooperation Projects                              | Project for Capacity Development of Non-Revenue Water Reduction in Nadi and Lautoka Area   | Training in Japan                     |
| JICA Group and Region Focused<br>Training                        | Non-Revenue Water (NRW) Management (Leakage Control)   | Online Training<br>Training in Japan  |
| JICA Technical Cooperation Projects                              | Project for Capacity Development of Non-Revenue Water Reduction in Sfax metropolitan urban water supply district, southern region, Tunisia   | Training in Japan                     |
| Japan Water Works Association                                    |  |                                       |
| JICA Knowledge Co-Creation Program                               | Comprehensive Engineering on Water Supply Systems:Basic Planning and Design for Water Supply System (A)  | Training in Japan                     |
|  |  |                                       |

| ■International Activities (Water Operational Activities (Water Operationa Activities (Water | ators Fartherships/   | FY2023  |
|--|---|---|
| Category   | Name of Activities  | Notes   |
| Waterworks Bureau, City of Sapporo   |   |   |
| JICA Knowledge Co-Creation Program   | Comprehensive Engineering on Water Supply Systems : Practical Training for Water Supply System(B)   | Training in Japan   |
| JICA Partnership Program   | Project to systematize water supply and Distribution system Management in Pokhara, Nepal  | Training in Japan   |
| Bureau of Waterworks, Tokyo Metropo  |   |   |
| ODA  |   | Infrastructure development project  |
| Water Utility Program  | The 16th Asian Waterworks Utilities Network of Human Resources Development  | Information exchange, Site visits   |
|  | (AT-HRD)  |   |
| Yokohama Waterworks Bureau, City of  |   | Training in Japan   |
|  |   | Online Training   |
| JICA Knowledge Co-creration program  | African Region Urban Waterworks Engineering  The Project for Strengthening the Capacity of Non-Revenue Water Reduction for  | Training in Japan   |
| JICA Technical Cooperation Project   | Lilongwe Water Board(LiSCaP)  Technical Exchanges based on Memorandum of Understanding between Water and  | Training in Japan   |
| Water Utility Program  | Sanitation Agency Faisalabad and Yokohama Waterworks Bureau  The Project for Improvement of Management Capacity of Water Supply Sector  | Online Training   |
| JICA Technical Cooperation Project   | (MaWaSU 2·3)  | Training in Japan   |
| JICA Partnership Program   |   | Training in Japan   |
| Waterworks and Sewerage Bureau, Cit  | y of Kawasaki   |   |
| JICA Technical Cooperation Projects  | The Project for Improvement of Management Capacity of Water Supply Sector (MaWaSU 2)  | Dispatch exparts  |
| JICA Technical Cooperation Projects  | (MawaSU 3)  | Dispatch experts  |
| JICA Partnership Program   | The Project for Improvement of Implementation Capacity of Underground Leakage Countermeasure in Makassar City - Towards Effective Use of Water Resources -  | Dispatch experts<br>Training in Japan   |
| Public Enterprises Agency of Kanagaw   |   |   |
| Water Utility Program  |   | Dispatch experts  |
| Chiba Prefectural Public Enterprises E   | -   | Training in Japan   |
| JICA Technical Cooperation Project   | The Project for Improvement of Water Supply Management of Bee Timor-Leste   | Dispatch experts  |
| Saitama City Waterworks Bureau   |   |   |
| JICA Technical Cooperation Projects  | The Project for Improvement of Management Capacity of Water Supply Sector of Lao PDR (MaWaSU2)  | Dispatch experts<br>Training in Japan   |
| JICA Technical Cooperation Projects  | The Project for Improvement of Management Capacity of Water Supply Sector of Lao PDR (MaWaSU3)  |   |
| Saitama Prefectural Public Enterprise  |   | Training in Oapan   |
| JICA Partnership Program   | The Project for Enhancement of Human Resource Development for Waterworks in   | Dispatch experts  |
| JICA Technical Cooperation Projects  | Thailand and Laos The Project for Improvement of Management Capacity of Water Supply Sector   | Dispatch experts  |
| Nagoya City Waterworks and Sewerag   |   | Dispatch experts  |
| JICA Training and Dialogue program   | Non-Revenue Water Management(Leakage Control)   | Training in Japan   |
|  | PROJECT FOR ENHANCEMENT OF MEASURES AGAINST EARTHQUAKE OF   |   |
| JICA Partnership Program   |   | Training in Japan   |
| Toyohashi Waterworks & Sewerage Bu   | reau  |   |
| JICA Partnership Program   | Project for Strengthening Tap Water Supply Services in Solok  |   |
|  |   | Dispatch experts  |
| Osaka Municipal Waterworks Bureau  | (Region Revitalization Special Framework)   | Dispatch experts  |
| Osaka Municipal Waterworks Bureau Water Utility Program  |   | •   |
| Water Utility Program Water Utility Program  | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement  | Technical Exchange in Japan Dispatch experts  |
| Water Utility Program<br>Water Utility Program<br>(CLAIR)  | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan   | Technical Exchange in Japan<br>Dispatch experts<br>Training in Japan  |
| Water Utility Program Water Utility Program  | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan   | Technical Exchange in Japan Dispatch experts  |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program   | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System  | Technical Exchange in Japan<br>Dispatch experts<br>Training in Japan<br>Training in Japan   |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program Water Utility Program   | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System NOC Training SAWACO  | Technical Exchange in Japan<br>Dispatch experts<br>Training in Japan<br>Training in Japan   |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program Water Utility Program Osaka Water Supply Authority Water Utility Program Water Utility Program  | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System NOC Training SAWACO  Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility   | Technical Exchange in Japan Dispatch experts Training in Japan Training in Japan Training in Japan  |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program Water Utility Program Osaka Water Supply Authority Water Utility Program Water Utility Program Water Utility Program Kyoto City Water Supply and Sewerag  | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System NOC Training SAWACO  Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility   | Technical Exchange in Japan Dispatch experts Training in Japan  |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program Water Utility Program Osaka Water Supply Authority Water Utility Program Water Utility Program Water Utility Program Kyoto City Water Supply and Sewerag JICA knowledge co-creation Program   | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System NOC Training SAWACO  Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility te Bureau   | Technical Exchange in Japan Dispatch experts Training in Japan  |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program Water Utility Program Osaka Water Supply Authority Water Utility Program Water Utility Program Water Utility Program Kyoto City Water Supply and Sewerag  | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System NOC Training SAWACO  Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection and Maintenace of Urban Water Supply System (Water Quality and Purification) (A)   | Technical Exchange in Japan Dispatch experts Training in Japan  |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program Water Utility Program Osaka Water Supply Authority Water Utility Program Water Utility Program Water Utility Program Kyoto City Water Supply and Sewerag JICA knowledge co-creation Program   | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System NOC Training SAWACO  Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility  Bureau  Operation and Maintenace of Urban Water Supply System  | Technical Exchange in Japan Dispatch experts Training in Japan  |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program Water Utility Program Osaka Water Supply Authority Water Utility Program Water Utility Program Water Utility Program Kyoto City Water Supply and Sewerag JICA knowledge co-creation Program KOBE City Waterworks Bureau   | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System NOC Training SAWACO  Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection and Maintenace of Urban Water Supply System (Water Quality and Purification) (A)  Operation and Maintenace of Urban Water Supply System (Water Quality and Purification) (B)   | Technical Exchange in Japan Dispatch experts Training in Japan  |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program Water Utility Program Osaka Water Supply Authority Water Utility Program Water Utility Program Water Utility Program Kyoto City Water Supply and Sewerag JICA knowledge co-creation Program KOBE City Waterworks Bureau  JICA knowledge co-creation Program The City of Hiroshima Waterworks Bul JICA Knowledge Co-Creation Program   | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System NOC Training SAWACO  Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection and Maintenace of Urban Water Supply System (Water Quality and Purification) (A)  Operation and Maintenace of Urban Water Supply System (Water Quality and Purification) (B)  reau  Operation and Maintenance of Urban Water Supply Systems Course B   | Technical Exchange in Japan Dispatch experts Training in Japan  |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program Water Utility Program Osaka Water Supply Authority Water Utility Program Water Utility Program Water Utility Program Kyoto City Water Supply and Sewerag JICA knowledge co-creation Program KOBE City Waterworks Bureau  JICA knowledge co-creation Program The City of Hiroshima Waterworks Bul JICA Knowledge Co-Creation Program Shimonoseki City Waterworks & Sewe  | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System NOC Training SAWACO  Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection and Maintenace of Urban Water Supply System (Water Quality and Purification) (A)  Operation and Maintenace of Urban Water Supply System (Water Quality and Purification) (B)  reau  Operation and Maintenance of Urban Water Supply Systems Course B  rege Bureau  | Technical Exchange in Japan Dispatch experts Training in Japan  |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program Water Utility Program Osaka Water Supply Authority Water Utility Program Water Utility Program Water Utility Program Kyoto City Water Supply and Sewerag JICA knowledge co-creation Program KOBE City Waterworks Bureau  JICA knowledge co-creation Program The City of Hiroshima Waterworks Bul JICA Knowledge Co-Creation Program Shimonoseki City Waterworks & Sewel Water Utility Program   | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System NOC Training SAWACO  Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection and Maintenace of Urban Water Supply System (Water Quality and Purification) (A)  Operation and Maintenace of Urban Water Supply System (Water Quality and Purification) (B)  reau  Operation and Maintenance of Urban Water Supply Systems Course B  rege Bureau  | Technical Exchange in Japan Dispatch experts Training in Japan  |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program Water Utility Program Osaka Water Supply Authority Water Utility Program Water Utility Program Water Utility Program Kyoto City Water Supply and Sewerag JICA knowledge co-creation Program KOBE City Waterworks Bureau  JICA knowledge co-creation Program The City of Hiroshima Waterworks Bul JICA Knowledge Co-Creation Program Shimonoseki City Waterworks & Sewe  | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System NOC Training SAWACO  Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection and Maintenace of Urban Water Supply System (Water Quality and Purification) (A)  Operation and Maintenace of Urban Water Supply System (Water Quality and Purification) (B)  reau  Operation and Maintenance of Urban Water Supply Systems Course B  rage Bureau  2023 Staff Exchange Program with Qingdao Water Group Co., Ltd.  | Technical Exchange in Japan Dispatch experts Training in Japan  |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program Water Utility Program Osaka Water Supply Authority Water Utility Program Water Utility Program Water Utility Program Kyoto City Water Supply and Sewerag JICA knowledge co-creation Program KOBE City Waterworks Bureau  JICA knowledge co-creation Program The City of Hiroshima Waterworks Bul JICA Knowledge Co-Creation Program Shimonoseki City Waterworks & Sewel Water Utility Program   | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System NOC Training SAWACO  Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection and Maintenace of Urban Water Supply System (Water Quality and Purification) (A)  Operation and Maintenace of Urban Water Supply System (Water Quality and Purification) (B)  reau  Operation and Maintenance of Urban Water Supply Systems Course B  rege Bureau  | Technical Exchange in Japan Dispatch experts Training in Japan  |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program Water Utility Program Osaka Water Supply Authority Water Utility Program Water Utility Program Water Utility Program Water Utility Program Kyoto City Water Supply and Sewerag  JICA knowledge co-creation Program KOBE City Waterworks Bureau  JICA knowledge co-creation Program The City of Hiroshima Waterworks Bur JICA Knowledge Co-Creation Program Shimonoseki City Waterworks & Sewe Water Utility Program Fukuoka City Waterworks Bureau  JICA Technical Cooperation Projects JICA Group and Region Focused   | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System NOC Training SAWACO  Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of Water treatment technology by System (Water and Sewage utility Inspection and Maintenace of Urban Water Supply System (Water Quality and Purification) (A)  Operation and Maintenace of Urban Water Supply System (Water Quality and Purification) (B)  reau  Operation and Maintenance of Urban Water Supply Systems Course B  rage Bureau  2023 Staff Exchange Program with Qingdao Water Group Co., Ltd.  Project for Capacity Development of Non-Revenue Water Reduction in Nadi and Lautoka Area  Non-Revenue Water (NRW) Management (Leakage Control) | Technical Exchange in Japan Dispatch experts Training in Japan  Training in Japan  Training in Japan  Training in Japan  Training in Japan  Dispatch experts Online Training  |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program Water Utility Program Osaka Water Supply Authority Water Utility Program Water Utility Program Water Utility Program Water Utility Program Kyoto City Water Supply and Sewerag  JICA knowledge co-creation Program KOBE City Waterworks Bureau  JICA knowledge co-creation Program The City of Hiroshima Waterworks Bur JICA Knowledge Co-Creation Program Shimonoseki City Waterworks & Sewer Water Utility Program Fukuoka City Waterworks Bureau  JICA Technical Cooperation Projects  | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System NOC Training SAWACO  Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of Water treatment technology by System (Water and Sewage utility Inspection and Maintenace of Urban Water Supply System (Water Quality and Purification) (A)  Operation and Maintenace of Urban Water Supply System (Water Quality and Purification) (B)  reau  Operation and Maintenance of Urban Water Supply Systems Course B  rage Bureau  2023 Staff Exchange Program with Qingdao Water Group Co., Ltd.  Project for Capacity Development of Non-Revenue Water Reduction in Nadi and Lautoka Area  Non-Revenue Water (NRW) Management (Leakage Control) | Technical Exchange in Japan Dispatch experts Training in Japan  Training in Japan  Training in Japan  Training in Japan  Dispatch experts |
| Water Utility Program Water Utility Program (CLAIR) JICA Knowledge Co-Creation Program Water Utility Program Osaka Water Supply Authority Water Utility Program Water Utility Program Water Utility Program Kyoto City Water Supply and Sewerag JICA knowledge co-creation Program KOBE City Waterworks Bureau JICA knowledge co-creation Program The City of Hiroshima Waterworks Bur JICA Knowledge Co-Creation Program Shimonoseki City Waterworks & Sewe Water Utility Program Fukuoka City Waterworks Bureau JICA Technical Cooperation Projects JICA Group and Region Focused Training   | Technical Exchange between SAWACO, DOWACO and OMWB Republic of Indonesia Jambi City Waterworks Management Capacity Improvement Project (Human Resources Development)" Training in Japan Operation and Maintenance of Urban Water Supply System NOC Training SAWACO  Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of water treatment technology by Anyang water and sewage utility Inspection of Water treatment technology by System (Water Quality and Purification) (A)  Operation and Maintenace of Urban Water Supply System (Water Quality and Purification) (B)  reau  Operation and Maintenance of Urban Water Supply Systems Course B  rage Bureau  2023 Staff Exchange Program with Qingdao Water Group Co., Ltd.  Project for Capacity Development of Non-Revenue Water Reduction in Nadi and Lautoka Area  Non-Revenue Water (NRW) Management (Leakage Control)  | Technical Exchange in Japan Dispatch experts Training in Japan  Training in Japan  Training in Japan  Training in Japan  Training in Japan  Dispatch experts Online Training  |

| ■International Activities (Water Oper                                  | rators Partnerships)  | FY2022                                |
|--|---|---------------------------------------|
| Category   | Name of Activities  | Notes                                 |
| Waterworks Bureau, City of Sapporo  JICA Training and Dialogue program | Comprehensive Engineering on Water Supply Systems : Practical Training for Water Supply System(B)   | Online Training                       |
| JICA Partnership Program   | Project to systematize water supply and Distribution system Management in Pokhara, Nepal  | Online Training                       |
| Bureau of Waterworks, Tokyo Metrope                                    |   |                                       |
| ODA  | Non-revenue water reduction project in Yangon   | Infrastructure development project    |
| Water Utility Program  | Asian Waterworks Utilities Network of Human Resources Development (A1-HRD)  | Information exchange, Site visits     |
| JICA Training and Dialogue program                                     | Non-Revenue Water Management (Leakage Control) B  | Online Training                       |
| Yokohama Waterworks Bureau, City o                                     | f Yokohama  |                                       |
| JICA Knowledge Co-creration program                                    | African Region Urban Waterworks Engineering   | Online Training<br>Training in Japan  |
| JICA Technical Cooperation Project                                     | The Project for Strengthening the Capacity of Non-Revenue Water Reduction for Lilongwe Water Board(LiSCaP)  | Dispatch experts<br>Training in Japan |
| Water Utility Program  | Technical Exchanges based on Memorandum of Understanding between Water and<br>Sanitation Agency Faisalabad and Yokohama Waterworks Bureau                     | Online Training                       |
| Waterworks Bureau, City of Kawasaki                                    |   |                                       |
| JICA Technical Cooperation Projects                                    | The Project for Improvement of Management Capacity of Water Supply Sector (MaWaSU 2)  | Dispatch exparts                      |
| JICA Partnership Program   | The Project for Improvement of Implementation Capacity of Underground Leakage<br>Countermeasure in Makassar City – Towards Effective Use of Water Resources – | Dispatch experts<br>Training in Japan |
| Public Enterprises Agency of Kanagav                                   | wa Prefectural Government   |                                       |
| Water Utility Program  | MOU with Lang Son Province, Vietnam   | Dispatch experts<br>Training in Japan |
| Chiba Prefectural Public Enterprises                                   | Bureau  | Training in Vapan                     |
| JICA Technical Cooperation Project                                     | The Project for Improvement of Water Supply Management of Bee Timor-Leste   | Dispatch experts                      |
| Saitama City Waterworks Bureau   | The Project for Improvement of Water Supply Management of Dee Timor-Leste   | Dispatch experts                      |
| JICA Technical Cooperation Projects                                    | The Project for Improvement of Management Capacity of Water Supply Sector of Lao PDR (MaWaSU2)  | Dispatch experts<br>Training in Japan |
| JICA Partnership Program   | The Project for Improvement of Pipeline Management and Maintenance in Water<br>Supply State Enterprises of Lao PDR  | Dispatch experts<br>Training in Japan |
| Saitama Prefectural Public Enterprise                                  | Bureau  |                                       |
| JICA Partnership Program   | The Project for Enhancement of Human Resource Development for Waterworks in Thailand and Laos Regional Support Center-Western South of NWSDB in Sri Lanka     | Dispatch experts                      |
| JICA Technical Cooperation Projects                                    | The Project for Improvement of Management Capacity of Water Supply Sector   | Dispatch experts<br>Training in Japan |
| Nagoya City Waterworks and Sewerag                                     | e Bureau  |                                       |
| JICA Training and Dialogue program                                     | Non-Revenue Water Management(Leakage Control)   | Training in Japan                     |
| JICA Partnership Program   | PROJECT FOR ENHANCEMENT OF MEASURES AGAINST EARTHQUAKE OF WATER SUPPLY AND SEWERAGE IN MEXICO CITY  | Dispatch experts<br>Training in Japan |
| Osaka Municipal Waterworks Bureau                                      |   |                                       |
| Water Utility Program  | Technical Exchange between SAWACO, DOWACO and OMWB  | Technical Exchange in Japan           |
| Water Utility Program  | Field Survey for Water Supply Improvement in Jambi City   | Field Survey                          |
| JICA Training and Dialogue program                                     | Maintenance and Management of Urban Water Supply System   | Online Training                       |
| Osaka Water Supply Authority   | <u></u>   |                                       |
| Osaka University   | Tour of facilities by Osaka University and Royal Melbourne Institute of Technology  | Training in Japan                     |
| Water Utility Program  | Inspection of water treatment technology by Seoul water and sewage utility  | Training in Japan                     |
| United Nations Industrial Development<br>Organization                  | The facility tour of the Murano Water Treatment Plant for United Nations Industrial Development Organization  | Training in Japan                     |
| Kyoto City Water Supply and Sewerag                                    | te Bureau   |                                       |
| JICA knowledge co-creation Program                                     | Operation and Maintenace of Urban Water Supply System<br>(Water Quality and Purification) (A)   | Online Training                       |
| KOBE City Waterworks Bureau  |   |                                       |
| JICA knowledge co-creation Program                                     | Operation and Maintenace of Urban Water Supply System (Water Quality and Purification) (B)  | Online Training                       |
| The City of Hiroshima Waterworks Bu                                    | reau  |                                       |
| JICA Training and Dialogue program                                     | Operation and Maintenance of Urban Water Supply Systems Course B  | Online Training                       |
| Fukuoka City Waterworks Bureau   |   |                                       |
| JICA Group and Region Focused<br>Training                              | Non-Revenue Water (NRW) Management (Leakage Control)  | Online Training<br>Training in Japan  |
| Japan Water Works Association  |   |                                       |
| JICA Knowledge Co-Creation Program                                     | Comprehensive Engineering on Water Supply Systems:Basic Planning and Design for Water Supply System (A)   | Online Training<br>Training in Japan  |

| International Activities (water        | Operators Partiferships/   | F12021                             |
|--|--|------------------------------------|
| Category                               | Name of Activities   | Notes                              |
| Waterworks Bureau, City of Sapp        | oro  |                                    |
| JICA Training and Dialogue program     | Comprehensive Engineering on Water Supply Systems : Practical Training for Water Supply System(B)  | Training                           |
| JICA Partnership Program               | Project to systematize water supply and Distribution system Management in Pokhara, Nepal   | Training, Site visits              |
| Bureau of Waterworks, Tokyo Me         | etropolitan Government   |                                    |
| JICA Technical Cooperation<br>Projects | The Project for Improvement of Water Supply Management of YCDC   | Local seminars                     |
| ODA                                    | Non-revenue water reduction project in Yangon  | Infrastructure development project |
| Water Utility Program                  | Asian Waterworks Utilities Network of Human Resources Development (A1-HRD)   | Information exchange, Site visits  |
| Yokohama Waterworks Bureau, C          | ity of Yokohama  |                                    |
| JICA Knowledge Co-creration program    | African Region Urban Waterworks Engineering  | Training                           |
| JICA Volunteer Program                 | Short-term dispatch of YWWB staff to Malawi  | Dispatch experts                   |
| Water Utility Program                  | Technical Exchanges based on Memorandum of Understanding between Water and Sanitation Agency Faisalabad and Yokohama Waterworks Bureau             | Training                           |
| Waterworks Bureau, City of Kawa        | asaki  |                                    |
| JICA Technical Cooperation<br>Projects | The Project for Improvement of Management Capacity of Water Supply Sector (MaWaSU 2)   | Dispatch exparts                   |
| Public Enterprises Agency of Ka        | nagawa Prefectural Government  |                                    |
| Water Utility Program                  | MOU with Lang Son Province, Vietnam  | Technical Exchange                 |
| Chiba Prefectural Public Enterpr       | ises Bureau  |                                    |
| JICA Dispatch Experts                  | Dispatch experts to The Democratic Republic of Timor-Leste   | Dispatch experts                   |
| Saitama City Waterworks Bureau         |  |                                    |
| JICA Technical Cooperation<br>Projects | The Project for Improvement of Management Canacity of Water Supply Sector of   | Dispatch experts                   |
| JICA Partnership Program               | The Project for Improvement of Pipeline Management and Maintenance in Water Supply State Enterprises of Lao PDR                                    | Dispatch experts, Training         |
| Nagoya City Waterworks and Sev         | verage Bureau  |                                    |
| JICA Technical Cooperation<br>Project  | The Project for Enhancement of Operational Efficiency and Asset Management Capacity of Regional Support Center-Western South of NWSDB in Sri Lanka | Information exchange               |
| JICA Partnership Program               | PROJECT FOR ENHANCEMENT OF MEASURES AGAINST EARTHQUAKE OF WATER SUPPLY AND SEWERAGE IN MEXICO CITY   | Information exchange               |
| Osaka Municipal Waterworks Bur         | eau  |                                    |
| Water Utility Program                  | Technical Exchange between SAWACO, DOWACO and OMWB   | Technical Exchange                 |
| Kyoto City Water and Sewerage          | Works Bureau   |                                    |
| JICA knowledge co-creation<br>Program  | Operation and Maintenace of Urban Water Supply System<br>(Water Quality and Purification) (A)  | Training                           |
| KOBE City Waterworks Bureau            |  |                                    |
| JICA knowledge co-creation<br>Program  | Operation and Maintenace of Urban Water Supply System (Water Quality and Purification) (B)   | Training                           |
| The City of Hiroshima Waterwork        | s Bureau   |                                    |
| JICA Training and Dialogue program     | Operation and Maintenance of Urban Water Supply Systems Course B   | Training                           |
| Fukuoka City Waterworks Bureau         | 1  |                                    |
| JICA Partnership Program               | Project to improve water supply services in the Nadi/Lautoka region, Fiji  | Dispatch exparts                   |
| JICA Expert                            | Yangon City Water Administration & Supply Advisor  | Dispatch exparts                   |
| Japan Water Works Association          |  |                                    |
| JICA Knowledge Co-Creation<br>Program  | Comprehensive Engineering on Water Supply Systems:Basic Planning and Design for Water Supply System (A)  | Training                           |
|  |  |                                    |

| Category                               | Name of Activities   | Notes   |
|--|--|---|
| Bureau of Waterworks, Tokyo Me         | tropolitan Government  |   |
| JICA Technical Cooperation<br>Projects | The Project for Improvement of Water Supply Management of YCDC   | Local seminars  |
| ODA                                    | Non-revenue water reduction project in Yangon  | Infrastructure development project                            |
| Water Utility Program                  | Asian Waterworks Utilities Network of Human Resources Development (A1-HRD)   | Information exchange, Site visits                             |
| Yokohama Waterworks Bureau, C          | ity of Yokohama  |   |
| Water Utility Program                  | Activities based on agreement on the Technical Cooperation for Water Supply with Vietnamese parties  | Trainee acceptance  |
| JICA Knowledge Co-creration program    | African Region Urban Waterworks Engineering  | Training in Japan   |
| JICA Volunteer Program                 | Short-term dispatch of YWWB staff to Malawi  | Dispatch experts  |
| Water Utility Program                  | Technical Exchanges based on Memorandum of Understanding between Water and Sanitation Agency Faisalabad and Yokohama Waterworks Bureau             | Training in Japan   |
| Waterworks Bureau, City of Kawa        | ısaki  |   |
| JICA Technical Cooperation<br>Projects | The Project for Improvement of Management Capacity of Water Supply Sector (MaWaSU 2)   | Dispatch exparts  |
| Public Enterprises Agency of Kar       | nagawa Prefectural Government  |   |
| Water Utility Program                  | MOU with Lang Son Province, Vietnam  | Dispatch experts, Training in<br>Japan                        |
| Chiba Prefectural Public Enterpri      | ses Bureau   |   |
| JICA Dispatch Experts                  | Dispatch experts to The Democratic Republic of Timor-Leste   | Dispatch experts  |
| Saitama City Waterworks Bureau         |  |   |
| JICA Technical Cooperation<br>Projects | The Project for Improvement of Management Capacity of Water Supply Sector of Lao PDR (MaWaSU2)   | Dispatch experts, Training in<br>Japan                        |
| JICA Partnership Program               | The Project for Improvement of Pipeline Management and Maintenance in Water Supply State Enterprises of Lao PDR                                    | Dispatch experts, Training in<br>Japan                        |
| Nagoya City Waterworks and Sew         | verage Bureau  |   |
| JICA Technical Cooperation<br>Project  | The Project for Enhancement of Operational Efficiency and Asset Management Capacity of Regional Support Center-Western South of NWSDB in Sri Lanka | Dispatch experts, Training in<br>Japan                        |
| JICA Partnership Program               | PROJECT FOR ENHANCEMENT OF MEASURES AGAINST EARTHQUAKE OF WATER SUPPLY AND SEWERAGE IN MEXICO CITY   | Dispatch experts  |
| Osaka Municipal Waterworks Bure        | eau  |   |
| Water Utility Program                  | Technical Exchange between SAWACO, DOWACO and OMWB   | Technical Exchange  |
| Water Utility Program                  | Exchanging ideas on improvement of waterworks in Mandalay region, Myanmar  | Information exchange  |
| Fukuoka City Waterworks Bureau         |  |   |
| JICA Partnership Program               | Project to improve water supply services in the Nadi/Lautoka region, Fiji  | Dispatch exparts, Training in<br>Japan, Donation of equipment |
| JICA Expert                            | Yangon City Water Administration & Supply Advisor  | Dispatch exparts  |
| Japan Water Works Association          |  |   |
| JICA Knowledge Co-Creation<br>Program  | Comprehensive Engineering on Water Supply Systems:Basic Planning and Design for Water Supply System (A)  | Training in Japan   |
| JICA                                   | SALGA — JWWA Joint Seminars for Water Supply Sector  | Training in Japan   |

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■International Activities (Water Operators Partnerships) Name of Activities Notes Category Waterworks Bureau, City of Sapporo JICA Knowledge Co-Creation Comprehensive Engineering on Water Supply Systems: Practical Training for Water Training in Japan Supply System(B) Program Bureau of Waterworks, Tokyo Metropolitan Government JICA Technical Cooperation The Project for Improvement of Water Supply Management of YCDC Local seminars Projects ODA Non-revenue water reduction project in Yangon Infrastructure development Water Supply Control and NRW(Non-Revenue Water) Manegement Technology in JICA Partnership Program Training in Japan Malaysia Water Utility Program Information exchange, Site visits Asian Waterworks Utilities Network of Human Resources Development (A1-HRD) Yokohama Waterworks Bureau, City of Yokohama Activities based on Memorandum of Understanding between Yokohama Waterworks Water Utility Program Trainee acceptance Bureau and Thua Thien Hue Water Supply Joint Stock Company JICA Knowledge Co-creration African Region Urban Waterworks Engineering Training in Japan program Short-term dispatch of YWWB staff to Malawi JICA Volunteer Program Dispatch experts JICA Technical Cooperation The Project for Strengthening the Capacity of Non-Revenue Water Reduction for Dispatch experts Lilongwe Water Board(LiSCap) Projects Water Utility Program Water tank truck donation to the Blantyre Water Board in Malawi Donation of equipment Technical Exchanges based on Memorandum of Understanding between Water and Water Utility Program Training in Japan Sanitation Agency Faisalabad and Yokohama Waterworks Bureau Waterworks Bureau, City of Kawasaki The Project for Improvement of Management Capacity of Water Supply Sector JICA Technical Cooperation Dispatch exparts **Projects** (MaWaSU 2) Public Enterprises Agency of Kanagawa Prefectural Government Dispatch experts, Training in Water Utility Program MOU with Lang Son Province, Vietnam Japan Chiba Prefectural Public Enterprises Bureau JICA Dispatch Experts Dispatch experts to The Democratic Republic of Timor-Leste Dispatch experts Saitama City Waterworks Bureau JICA Technical Cooperation The Project for Improvement of Management Capacity of Water Supply Sector of Dispatch experts, Training in Projects Lao PDR (MaWaSU2) Japan The Project for Improvement of Pipeline Management and Maintenance in Water Dispatch experts, Training in JICA Partnership Program Supply State Enterprises of Lao PDR Japan Public Enterprise Bureau, Saitama Prefectural Government JICA Technical Cooperation Dispatch experts, Training in The Project for Improvement of Management Capacity of Water Supply Sector Japan Nagoya City Waterworks and Sewerage Bureau JICA Training and Dialogue Non-Revenue Water Management(Leakage Control) A Training in Japan Programs JICA Training and Dialogue Non-Revenue Water Management(Leakage Control) B Training in Japan Programs JICA Technical Cooperation The Project for Enhancement of Operational Efficiency and Asset Management Dispatch experts, Training in Capacity of Regional Support Center-Western South of NWSDB in Sri Lanka Project PROJECT FOR ENHANCEMENT OF MEASURES AGAINST EARTHQUAKE OF JICA Partnership Program Dispatch experts WATER SUPPLY AND SEWERAGE IN MEXICO CITY Toyohashi Waterworks & Sewerage Bureau JICA Knowledge Co-Creation Non-Revenue Water (NRW) Management (Leakage Control) (A) Training in Japan Program Hamamatsu City Water Services Department Skills Support Regarding Leak Prevention Initiatives in Bandung City JICA Partnership Program Dispatch experts Water Services Non-Revenue Water Management Measures (Leak Prevention JICA Thematic Training Training in Japan Measures) (A) Project for Improvement of Comprehensive Management Capacity of Department of JICA Technical Cooperation Public Health Engineering (DPHE) on Water Supply in Bangladesh - Counterpart Training in Japan Project Training Osaka Municipal Waterworks Bureau Water Utility Program Technical Exchange between SAWACO, DOWACO and OMWB Technical Exchange Osaka Water Supply Authority Water Utility Program MWA-OWSA Technical Exchange Program Technical Exchange Kyoto City Water and Sewerage Works Bureau JICA knowledge co-creation Maintenance of Urban Waterworks Training in Japan Program KOBE City Waterworks Bureau JICA knowledge co-creation Operation and Maintenace of Urban Water Supply System (Water Quality and Training in Japan Program The Project for Enhancement of Operational Efficiency and Asset Management JICA Technical Cooperation Dispatch exparts, Training in Capacity of Regional Support Center-Western South of NWSDB in Sri Lanka Project Collaboration Program with the Private Sector for Disseminating Japanese Local seminars, Training in Japan Technologies for Wide Area Water Network Monitoring System in Sri Lanka The City of Hiroshima Waterworks Bureau JICA Knowledge Co-Creation Operation and Maintenance of Urban Water Supply Systems Course B Training in Japan Program Shimonoseki City Waterworks & Sewerage Bureau Friendship City Exchange 2019 Staff Exchange Program with Qingdao Water Group Co., Ltd. Staff exchange Fukuoka City Waterworks Bureau Dispatch exparts, Training in JICA Partnership Program Project to improve water supply services in the Nadi/Lautoka region, Fiji Japan, Donation of equipment Dispatch exparts JICA Expert Yangon City Water Administration & Supply Advisor JICA Group and Region Focused Non-Revenue Water (NRW) Management (Leakage Control) Training in Japan **Training** Local Government Officials Training Program (LGOTP) CLAIR Training in Japan JICA Technical Cooperation Project for Improvement of Water Supply Management of YCDC Local seminars Project Japan Water Works Association Comprehensive Engineering on Water Supply Systems: Basic Planning and Design for JICA Knowledge Co-Creation Training in Japan

Program

Water Supply System (A)

| ■International Activities (Water                           |  | FY2018  |
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| Category Waterworks Bureau, City of Sapp                   | Name of Activities   | Notes   |
| JICA Training and Dialogue                                 | Comprehensive Engineering on Water Supply Systems: Practical Training for Water  | <b>+</b> · · · ·  |
| program  | Supply System(B)   | Training in Japan   |
| JICA Partnership Program                                   | Water Transmission and Distribution System Improvement Project for Water Supply  | Dispatch exparts  |
| Bureau of Waterworks, Tokyo Me                             | in Ulaanbaatar City  | · ·   |
| JICA Technical Cooperation                                 |  | Tarinina in Isaan Caminan                                       |
| Projects   | The Project for Improvement of Water Supply Management of YCDC   | Training in Japan, Seminars                                     |
| JICA Partnership Program                                   | NRW (Non-Revenue Water) Reduction Technology Training and Capacity Building Project in Hanoi   | Technical guidance on site and in Japan, Donation of equipments |
| ODA  | Non-revenue water reduction project in Yangon  | Infrastructure development                                      |
| JICA Partnership Program                                   | Water Supply Control and NRW(Non-Revenue Water) Manegement Technology in   | Training in Japan   |
| Clore that and simply regions                              | Malaysia   | Training in Sapan   |
| Water Utility Program                                      | Asian Waterworks Utilities Network of Human Resources Development (A1-HRD)   | Information exchange, Inspection                                |
| Yokohama Waterworks Bureau, C                              | ity of Yokohama  |   |
| Water Utility Program                                      | Activities based on Memorandum of Understanding between Yokohama Waterworks  |   |
| JICA Knowledge Co-creration                                | Bureau and Thua Thien Hue Water Supply Joint Stock Company   | Japan, Business support   |
| program  | African Region Urban Waterworks Engineering  | Training in Japan   |
| JICA Volunteer Program                                     | Short-term dispatch of YWWB staff to Malawi  | Dispatch experts  |
| Waterworks Bureau, City of Kawa                            | saki   |   |
| JICA Technical Cooperation Projects                        | The Project for Improvement of Management Capacity of Water Supply Sector (MaWaSU 2)   | Dispatch exparts  |
| Chiba Prefectural Public Enterpri                          | ses Bureau   |   |
| JICA dispatch experts                                      |  | Dispatch experts  |
| Saitama City Waterworks Bureau  JICA Technical Cooperation | The Project for Improvement of Management Capacity of Water Supply Sector of   |   |
| Projects   | Lao PDR (MaWaSU2)  | Dispatch experts  |
| JICA   | Project for Improvement of Pipeline Management and Maintenance in Water Supply   |   |
| Public Enterprise Bureau, Saitam                           | State Enterprises of Lao PDR   | Japan   |
|  | The Project for Improving Water Treatment Plant Operations and Maintenance   | Dispatch experts. Training in                                   |
| JICA Partnership Program                                   | Management of the Water Supply State Enterprises   | Japan   |
| JICA Technical Cooperation                                 | The Project for Improvement of Management Capacity of Water Supply Sector  | Dispatch experts  |
| Projects Nagoya City Waterworks and Sew                    |  | · ·   |
| JICA Training and Dialogue                                 |  | <del></del>   |
| Programs   | Non-Revenue Water Management(Leakage Control) A  | Training in Japan   |
| JICA Training and Dialogue                                 | Non-Revenue Water Management(Leakage Control) B  | Training in Japan   |
| Programs JICA Technical Cooperation                        | The Project for Enhancement of Operational Efficiency and Asset Management   | Dispatch experts. Training in                                   |
| Projects   | Capacity of Regional Support Center-Western South of NWSDB in Sri Lanka  | Japan   |
| Hamamatsu City Water Services                              | Department   | Discretals and arts Tuelinians in                               |
| JICA Partnership Program                                   | Skills Support Regarding Leak Prevention Initiatives in Bandung City   | Dispatch experts, Training in Japan                             |
| Osaka Municipal Waterworks Bur                             |  |   |
| Water Utility Program                                      | Technical Exchange between SAWACO, BWACO and OMWB  | Training in Japan   |
| Osaka Water Supply Authority Water Utility Program         | MWA-OWSA Technical Exchange Program  | Technical Exchange  |
| Kyoto City Water and Sewerage                              | Works Bureau   | Toolinious Exoriarigo   |
| JICA knowledge co-creation                                 | Maintenance of Urban Waterworks  | Training in Japan   |
| Program  KOBE City Waterworks Bureau                       |  |   |
| JICA knowledge co-creation                                 | Operation and Maintenace of Urban Water Supply System (Water Quality and   | Turining in Inc.  |
| Program  | Purification) (B)  | Training in Japan   |
| 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 | Dispatch exparts  |
|  | Collaboration Program with the Private Sector for Disseminating Japanese   | Diametele en '  |
| JICA   | Technologies for Wide Area Water Network Monitoring System in Sri Lanka  | Dispatch exparts  |
| The City of Hiroshima Waterwork                            | s Bureau   |   |
| JICA Training and Dialogue program                         | Operation and Maintenance of Urban Water Supply Systems Course B   | Training in Japan   |
| Shimonoseki City Waterworks & S                            |  |   |
| Friendship City Exchange                                   | 2018 Staff Exchange Program with Qingdao Water Group Co., Ltd.   | Staff exchange program  |
| Fukuoka City Waterworks Bureau                             |  | Dispatch exparts, Training in                                   |
| JICA Partnership Program                                   | Project to improve water supply services in the Nadi/Lautoka region, Fiji  | Japan, Donation of equipments                                   |
| JICA Expert  | Yangon City Water Administration & Supply Advisor  | Dispatch exparts  |
| JICA Group and Region Focused Training                     | Non-Revenue Water (NRW) Management (Leakage Control)   | Training in Japan   |
| CLAIR  | Local Government Officials Training Program (LGOTP)  | Training in Japan   |
| JICA Technical Cooperation                                 | Project for Improvement of Water Supply Management of YCDC   | Technical advice  |
| Project Okingwa Profestura Enterprise B                    |  | 1 Sommour advice  |
| Okinawa Prefecture Enterprise B  JICA Training program     | Water Conservation Management in Island Areas  | Training in Japan   |
| JICA Technical Cooperation                                 | Capacity Enhancement Project for Samoa Water Authority in Cooperation with   | Dispatch exparts  |
| Project  | Okinawa  | ызрасоп ехрагся   |
| Japan Water Works Association  JICA Knowledge Co-Creation  | Comprehensive Engineering on Water Supply Systems:Basic Planning and Design for  |   |
| Program  | Water Supply System (A)  | Training in Japan   |
|  |  |   |

■International Activities (Water Operators Partnerships)

| ■International Activities (Water                              |  | FY2017                                     |
|---|--|--|
| Category  | Name of Activities   | Notes                                      |
| Waterworks Bureau, City of Sapp<br>JICA Training and Dialogue | ooro   |  |
| program   | Comprehensive Engineering on Water Supply Systems (B)  | Training in Japan                          |
| JICA Partnership Program                                      | Water Transmission and Distribution System Improvement Project for Water Supply  | Dispatch exparts, Training in              |
| , ,   | in Ulaanbaatar City  | Japan                                      |
| Bureau of Waterworks, Tokyo Me<br>JICA Technical Cooperation  | rtropolitan Government   |  |
| Projects  | The Project for Improvement of Water Supply Management of YCDC   | Training in Japan, Seminars                |
| JICA Partnership Program                                      | NRW (Non-Revenue Water) Reduction Technology Training and Capacity Building Project in Hanoi   | Technical guidance on site and ir<br>Japan |
| ODA   | Non-revenue water reduction project in Yangon  | Conclusion of the framework agreement      |
| JICA Partnership Program                                      | Water Supply Contral and NRW(Non-Revenue Water) Manegement Technology in Malaysia  |  |
| Water Utility Program   | Asian Waterworks Utilities Network of Human Resources Development (A1-HRD)   | Information exchange, Inspection           |
| Yokohama Waterworks Bureau, C                                 |  |  |
| Water Utility Program   | Activities based on Memorandum of Understanding between Yokohama Waterworks  | Dispatch exparts, Training in              |
| JICA Knowledge Co-creration                                   | Bureau and Thua Thien Hue Water Supply Joint Stock Company   | Japan                                      |
| program   | African Region Urban Waterworks Engineering  | Training in Japan                          |
| JICA Volunteer Program  Kawasaki City Water and Wastew        | Short-term dispatch of YWWB staff to Malawi  | Dispatch experts                           |
| JICA Technical Cooperation Projects                           | Capacity Development Project for Improvement of Management Ability of Water Supply Authorities   | Dispatch exparts                           |
| Chiba Prefectural Waterworks Bu                               |  |  |
| JICA dispatch experts   | Dispatch experts to The Democratic Republic of Timor-Leste   | Dispatch experts                           |
| Saitama City Waterworks Bureau                                |  |  |
| JICA Technical Cooperation<br>Projects                        | Capacity Development Project for Improvement of Management Ability of Water Supply Authorities   | Dispatch experts                           |
|   | Conclusion of the MOU between Saitama City Waterworks Bureau and Department of Water Supply, Ministry of Public Works and Transport of Lao PDR regarding |  |
| Water Utility Program   | Implementation of Cooperation aimed at Strengthening the Lao Water Supply  | Conclusion of the memorandum               |
|   | Sector   |  |
| Public Enterprise Bureau, Saitam                              |  | Dianatah aynayta Tyaining in               |
| JICA Partnership Program                                      | The Project for Improving Water Treatment Plant Operations and Maintenance Management of the Water Supply State Enterprises                              | Japan                                      |
| Water Utility Program   | Acceptance of Trainees from Provincial Waterworks Authority (PWA)  | Training in Japan                          |
| Nagoya City Waterworks and Sev<br>JICA Training and Dialogue  |  |  |
| Programs  JICA Training and Dialogue                          | Non-Revenue Water Management(Leakage Control) A  | Training in Japan                          |
| Programs Hamamatsu City Water Services                        | Non-Revenue Water Management(Leakage Control) B  | Training in Japan                          |
|   |  | Dispatch experts, Training in              |
| JICA Partnership Program                                      | Skills Support Regarding Leak Prevention Initiatives in Bandung City   | Japan                                      |
| Osaka Municipal Waterworks Bur                                |  |  |
| Water Utility Program   | Technical Exchange between SAWACO, BWACO and OMWB  | Training in Japan                          |
| Kyoto City Water and Sewerage  JICA knowledge co-creation     |  |  |
| Program   | Maintenance of Urban Waterworks  | Training in Japan                          |
| KOBE City Waterworks Bureau                                   |  |  |
| JICA Advisory Committee                                       | Mission of advisory committee of the project for "Strengthening NRW control in Kigali City Water Network"  | Training in Japan                          |
| JICA knowledge co-creation Program                            | Operation and Maintenace of Urban Water Supply System (Water Quality and Purification) (B)   | Training in Japan                          |
| The City of Hiroshima Waterwork                               |  |  |
| JICA Training and Dialogue program                            | Operation and Maintenance of Urban Water Supply Systems Course B   | Training in Japan                          |
| Shimonoseki City Waterworks &                                 |  |  |
| Sister City Exchange Program  Fukuoka City Waterworks Bureau  | 2017 Staff Exchange Program with Qingdao Water Group Co., Ltd.   | Staff exchange program                     |
| JICA Partnership Program                                      | Project to support reducing Non-Revenue Water (NRW) through effective control on Nadi/Lautoka regional supply in Fiji                                    | Dispatch exparts                           |
| JICA Partnership Program                                      | Project to improve water supply services in the Nadi/Lautoka region, Fiji  | Dispatch exparts                           |
| JICA Expert   | Yangon City Water Supply & Sanitation Advisor  | Dispatch exparts                           |
| JICA Group and Region Focused Training                        | Non-Revenue Water (NRW) Management (Leakage Control)   | Training in Japan                          |
| CLAIR  JICA Technical Cooperation                             | Local Government Officials Training Program (LGOTP)  | Training in Japan                          |
| Project   | Project for Improvement of Water Supply Management of YCDC   | Dispatch exparts                           |
| Okinawa Prefecture Enterprise E                               |  |  |
| JICA Training program   | Water Conservation Management in Island Areas  | Training in Japan                          |
| JICA Technical Cooperation Project                            | Capacity Enhancement Project for Samoa Water Authority in Cooperation with Okinawa   | Dispatch exparts                           |
| Japan Water Works Association                                 |  |  |
| JICA Knowledge Co-Creation<br>Program                         | Comprehensive Engineering on Water Supply Systems (A)  | Training in Japan                          |
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| ■International Activities (Water                                | Operators Partnerships)   | FY2016   |  |  |
|---|---|--|--|--|
| Category  | Name of Activities  | Notes  |  |  |
| Bureau of Waterworks, Tokyo Me                                  |   |  |  |  |
| JICA Partnership Program  | NRW (Non-Revenue Water) Reduction Technology Training and Capacity Building Project in Malaysia                               | Training in Japan                                |  |  |
| JICA Technical Cooperation<br>Projects                          | The Project for Improvement of Water Supply Management of YCDC  | Training in Japan, Seminars                      |  |  |
| JICA Partnership Program  | NRW (Non-Revenue Water) Reduction Technology Training and Capacity Building Project in Hanoi                                  | Technical guidance on site and in Japan          |  |  |
| Water Utility Program   | Non-revenue water reduction project in Yangon   | ODA  |  |  |
| Water Utility Program  Yokohama Waterworks Bureau, C            | Asian Waterworks Utilities Network of Human Resources Development (A1-HRD) ity of Yokohama                                    | Information exchange, Inspection                 |  |  |
| JICA Partnership Program  | Vietnam - Yokohama Safety Water Supply Management Project   | Dispatch exparts, Training in                    |  |  |
| JICA Training and Dialogue                                      | African Region Urban Waterworks Engineering   | Training in Japan                                |  |  |
| program JICA Volunteer Program Kawasaki City Water and Wastew   | Short-term dispatch of YWWB staff to Malawi   | Dispatch experts                                 |  |  |
| JICA / Utilities cooperation                                    | Capacity Development Project for Improvement of Management Ability of Water   | B:   |  |  |
| program   | Supply Authorities  | Dispatch exparts                                 |  |  |
| Chiba Prefectural Waterworks Bu                                 |   |  |  |  |
| JICA dispatch experts   | Dispatch experts to The Democratic Republic of Timor-Leste  | Dispatch experts                                 |  |  |
| Saitama City Waterworks Bureau  JICA / Utilities cooperation    | Capacity Development Project for Improvement of Management Ability of Water   | Dispatch experts Training in                     |  |  |
| program   | Supply Authorities  | Japan  |  |  |
| Water Utility Program   | Conclusion of the MOU between Saitama City Waterworks Bureau and Water Supply State Enterprises of Lao PDR                    | Conclusion of the MOU                            |  |  |
| Saitama Prefectural Government                                  | The Project for Improving Water Treatment Plant Operations and Maintenance  | Dispatch experts Training in                     |  |  |
| JICA Partnership Program  | Management of the Water Supply State Enterprises"   | Japan  |  |  |
| Water Utility Program   | Provincial Waterworks Authority "Academic Day"  International Expansion of Japanese Water Supply Industry(Ministry of Health, | Seminar and exhibition                           |  |  |
| Public Private Partnarship                                      | Labor and Welfare)  | Inspection                                       |  |  |
| Nagoya City Waterworks and Sew                                  | verage Bureau   |  |  |  |
| JICA Partnership Program  | Capacity Development Project for Construction Management of Water Supply  |  |  |  |
| JICA Partnership Program  | Pipe Laying Improvement of Sewage Treatment in Mexico City Project  | Japan<br>Dispatch experts, Training in           |  |  |
| JICA Training and Dialogue                                      |   |  |  |  |
| Programs  | Non-Revenue Water Management(Leakage Control) A   | Training in Japan                                |  |  |
| JICA Training and Dialogue<br>Programs                          | Non-Revenue Water Management(Leakage Control) B   | Training in Japan                                |  |  |
| Hamamatsu City Water Services                                   | Department  |  |  |  |
| JICA Training and Dialogue<br>Programs                          | Non-Revenue Water Management(Leakage Control)   | Training in Japan                                |  |  |
| Osaka Municipal Waterworks Bure                                 |   |  |  |  |
| Water Utility Program   | Technical Exchange 2016 between SAWACO, BWACO and OMWB  | Training in Japan                                |  |  |
| Osaka Water Supply Authority                                    | MWA-OWSA Conference regarding Technical Exchange Program at Niwakubo  |  |  |  |
| Water Utility Program  Kyoto City Water and Sewerage V          | Water Treatment Plant   | Inspection                                       |  |  |
| Water Utility Program   | Technical cooperation to Vararsi City   | Training in Japan                                |  |  |
| JICA country focused training                                   | Role of Government for water supply,waterworks management   | Training in Japan                                |  |  |
| KOBE City Waterworks Bureau                                     |   |  |  |  |
| JICA International Supporting Committee                         | Mission of Advisory Committee in Rwanda   | Dispatch exparts                                 |  |  |
| JICA knowledge co-creation<br>Program                           | Operation and Maintenance of Urban Water Supply System(Water Quality and Purification)(B)                                     | Training in Japan                                |  |  |
| JICA  | Investigation of Sri Lanka Water Supply System  | Dispatch experts                                 |  |  |
| The City of Hiroshima Waterwork                                 | s Bureau  |  |  |  |
| JICA Training and Dialogue program                              | Operation and Maintenance of Urban Water Supply Systems Course B  | Training in Japan                                |  |  |
| JICA Country Specific Training Shimonoseki City Waterworks & \$ | Environment / Water Management Engineering (Iraq) Sewerage Bureau   | Training in Japan                                |  |  |
| Sister City Exchange Program                                    | 2015 Staff Exchange Program with Qingdao Water Group Co., Ltd.  | Staff exchange program                           |  |  |
| Fukuoka City Waterworks Bureau                                  |   |  |  |  |
| JICA / Utilities cooperation                                    | Capacity Building for the Water Supply System in Cambodia(Phae3)  | Dispatch exparts                                 |  |  |
| program  JICA Partnership Program                               | Improvement of Siem Reap's Capacity on Water Supply Facilities Management   | Dispatch exparts, Training in                    |  |  |
| JICA Partnership Program  | Improvement of HPWSCo's Capacity on Distribution Network Management   | Dispatch exparts, Training in                    |  |  |
| JICA Partnership Program  | Project for Improvement of Capacity on Water Treatment Plant Operation in   | Dispatch exparts, Training in                    |  |  |
| Public Private Partnarship                                      | Kitakyushu Overseas Water Business Association, Water and Sewer Bureau, City of Kitakyushu                                    | Business and International contribution Pratform |  |  |
| Okinawa Prefecture Enterprise Bureau                            |   |  |  |  |
| JICA Training program   | Water Conservation Management in Island Areas   | Training in Japan                                |  |  |
| JICA Partnership Program  | Capacity Enhancement Project for Samoa Water Authority in Cooperation with Okinawa  | Dispatch exparts                                 |  |  |
| Japan Water Works Association                                   |   |  |  |  |
| JICA Group Training Course                                      | Comprehensive Engineering on Water Supply Systems (A)   | Training in Japan                                |  |  |

| Category                                | Name of Activities   | Target/Partner<br>countries              | Notes                                  |
|---|--|--|--|
| Bureau of Waterworks, Toky              | o Metropolitan Government  |  |  |
| JICA Partnership Program                | NRW (Non-Revenue Water) Reduction Technology<br>Training and Capacity Building Project in Malaysia                           | Malaysia                                 | Training in Japan                      |
| JICA Technical Cooperation<br>Projects  | The Project for Improvement of Water Supply Managemer  | Myanmar                                  | Training in Japan                      |
| JICA Country Focused<br>Fraining Course | Water Quality Management   | Republic of South Africa                 | Training in Japan                      |
| JICA Knowledge Co-<br>Creation program  | Non-Revenue Water Management (Leakage Control)   | Myanmar                                  | Training in Japan                      |
| nformation exchange                     | Asian Waterworks Utilities Network of Human Resources Development (A1-HRD)   | Korea, Taiwan, Thailand,<br>Mongolia     | Information exchange,<br>Inspection    |
| Yokohama Waterworks Bure                | au, City of Yokohama   |  |  |
| JICA Partnership Program                | Vietnam - Yokohama Safety Water Supply Management<br>Project   | Viet Nam                                 | Dispatch exparts,<br>Training in Japan |
| JICA Training and Dialogue program      | African Region Urban Waterworks Engineering  | Malawi and other(Total<br>9 countries)   | Training in Japan                      |
| JICA Volunteer Program                  | Short-term dispatch of YWWB staff to Malawi  | Malawi                                   | Dispatch experts                       |
| Kawasaki City Water and Wa              | stewater Works Bureau  |  |  |
| JICA / Utilities cooperation program    | Capacity Development Project for Improvement of Management Ability of Water Supply Authorities                               | Laos                                     | Dispatch exparts                       |
| Chiba Prefectural Waterwork             | ks Bureau  |  |  |
| JICA dispatch experts                   | Dispatch experts to The Democratic Republic of Timor-Leste   | Timor-Leste                              | Dispatch experts                       |
| Saitama City Waterworks Bu              | reau   |  |  |
| JICA / Utilities cooperation program    | Capacity Development Project for Improvement of Management Ability of Water Supply Authorities                               | Laos                                     | Dispatch experts,<br>Training in Japan |
| Water Utility Program                   | Invitation from Laos for JWWA Annual Conference 2015   | Laos                                     | Invititation                           |
| Saitama Prefectural Governi             | ment Bureau of Public Enterprise   |  |  |
| JICA Partnership Program                | Technical Assistance for Capacity Development of PWA in Operation and Maintenance of Water Purification Plants               |  | Dispatch experts,<br>Training in Japan |
| JICA Partnership Program                | The Project for Improving Water Treatment Plant Operations and Maintenance Management of the Water Supply State Enterprises" |  | Dispatch experts                       |
| JICA / Utilities cooperation program    | Capacity Development Project for Improvement of Management Ability of Water Supply Authorities                               | Laos                                     | Dispatch experts                       |
| Nagoya City Waterworks and              | Sewerage Bureau  |  |  |
| JICA Partnership Program                | Capacity Development Project for Construction<br>Management of Water Supply Pipe Laying                                      | Sri Lanka                                | Dispatch exparts,<br>Training in Japan |
| JICA Partnership Program                | Improvement of Sewage Treatment in Mexico City<br>Project  | Mexico                                   | Dispatch experts                       |
| JICA Training and Dialogue<br>Programs  | Non-Revenue Water Management(Leakage Control) A  | AFGHANISTAN and other(Total 8 countries) | Training in Japan                      |
| JICA Training and Dialogue<br>Programs  | Non-Revenue Water Management(Leakage Control) B  | SRI LANKA and other(Total 6 countries)   | Training in Japan                      |
| Hamamatsu City Water Serv               | ices Department  |  |  |
| JICA Training and Dialogue              | Non-Revenue Water Management(Leakage Control)  | Zambia and other(Total                   | Training in Japan                      |

| Category                              | Name of Activities   | Target/Partner<br>countries                        | Notes  |  |
|---------------------------------------|--|--|--|--|
| Osaka Municipal Waterworks Bureau     |  |  |  |  |
| Water Utility Program                 | Technical Exchange 2016 between SAWACO, BWACO and OMWB   | Vietnam  | Training in Japan                                      |  |
| The preparatory survey (JICA PPP-FS)  | Water supply improvement project in Ho Chi Minh city   | Vietnam  | Dispatch experts                                       |  |
| Public Private Partnarship            | Survey in Vietnam  | Vietnam  | Dispatch experts                                       |  |
| JICA Region-Focused<br>Training       | Operation and Maintenance of Urban Water Supply<br>System  | Ethiopia and other(Total 14 countries)             | Training in Japan                                      |  |
| Kyoto City Water and Sewer            | rage Works Bureau  |  |  |  |
| Water Utility Program                 | Technical cooperation to Vararsi City  | India  | Training in Japan                                      |  |
| JICA country focused training         | Role of Government for water supply,waterworks management  | Laos   | Training in Japan                                      |  |
| KOBE City Waterworks Bure             | au   |  |  |  |
| JICA knowledge co-creation<br>Program | Operation and Maintenance of Urban Water Supply<br>System(Water Quality and Purification)(B)                                       | Ecuador and other(Total 13 countries)              | Training in Japan                                      |  |
| Public Private Partnarship            | Identification and formation of public-private partnership type projects in the overseas water business in the water supply sector |  | Dispatch experts                                       |  |
| The City of Hiroshima Water           | works Bureau   |  |  |  |
| JICA Training and Dialogue program    | Operation and Maintenance of Urban Water Supply Systems Course B   | Albania and other(Total 7 countries)               | Training in Japan                                      |  |
| JICA Country Specific<br>Training     | Environment / Water Management Engineering (Iraq)  | Iraq   | Training in Japan                                      |  |
| Shimonoseki City Waterwork            | s & Sewerage Bureau  |  |  |  |
| Sister City Exchange<br>Program       | 2015 Staff Exchange Program with Qingdao Water Group Co., Ltd.   | China  | Staff exchange program                                 |  |
| Fukuoka City Waterworks Bu            | ıreau  |  |  |  |
| JICA / Utilities cooperation program  | Capacity Building for the Water Supply System in Cambodia(Phae3)   | Fiji   | Dispatch exparts                                       |  |
| JICA Partnership Program              | Improvement of Siem Reap's Capacity on Water Supply Facilities Management  | Myanmar  | Dispatch exparts,<br>Training in Japan                 |  |
| JICA Partnership Program              | Improvement of HPWSCo's Capacity on Distribution Network Management  | Philippines and other(Total 8 countries)           | Dispatch exparts,<br>Training in Japan                 |  |
| JICA Partnership Program              | Project for Improvement of Capacity on Water<br>Treatment Plant Operation in Mandalay  | Myanmar  | Dispatch exparts,<br>Training in Japan                 |  |
| Public Private Partnarship            | Kitakyushu Overseas Water Business Association, Water and Sewer Bureau, City of Kitakyushu   | Myanmar  | Business and<br>International<br>contribution Pratform |  |
| Okinawa Prefecture Enterprise Bureau  |  |  |  |  |
| JICA Training program                 | Water Conservation Management in Island Areas  | Samoa, Fiji, Kiribati and other(Total 9 countries) | Training in Japan                                      |  |
| JICA Partnership Program              | Capacity Enhancement Project for Samoa Water<br>Authority in Cooperation with Okinawa  | Samoa  | Dispatch exparts                                       |  |
| Japan Water Works Association         |  |  |  |  |
| JICA Group Training Course            | Comprehensive Engineering on Water Supply Systems (A)  | CAMBODIA and other(Total 10 countries)             | Training in Japan                                      |  |

# ■ International Activities (Water Operators Partnerships)

FY2014

| Category of activities                 | Name of Activities   | Target/Partner countries                                       | Outline   |
|--|--|--|---|
| Saitama Prefectural Gove               | rnment Bureau of Public Enterprise   |  |   |
| JICA / Utilities cooperation program   | Technical Assistance for Capacity Development of PWA in Operation andMaintenance of Water Purification Plants            |  | Dispatch exparts, Training in Japan             |
| JICA / Utilities cooperation program   | Capacity Development Project for Improvement of Management Ability of Water Supply Authorities                           | Laos   | Dispatch exparts, Training in Japan             |
| Chiba Prefectural Waterw               | vorks Bureau   |  |   |
| JICA dispatch of exparts               | Dispatch experts to The Democratic Republic of Timor-Leste   | Timor-Leste  | Dispatch exparts                                |
| Bureau of Waterworks, To               | okyo Metropolitan Government   |  |   |
| Information exchange                   | Asian Waterworks Utilities Network of Human<br>Resources Development (A1-HRD)  | Korea,<br>Taiwan,<br>Thailand,                                 | Information exchange,<br>Inspection in Thailand |
| JICA Training program                  | JICA The Country Focused Training Course "Training of Water and Waste WaterTreatment Plant Officials (2014 Water Supply) | Republic of  | Training in Japan                               |
| Setting of the website                 | Website For Water Professionals  | _  | Website   |
| Yokohama Waterworks B                  | ureau, City of Yokohama  |  |   |
| JICA Partnership Program               | Vietnam – Yokohama Safety Water Supply<br>Management Project   | Vietnam  | Dispatch exparts, Training in Japan             |
| JICA Training and Dialogue program     | African Region Urban Waterworks Engineering  | Cabo Verde,<br>Mauritius,<br>Malawi, and<br>others 7 countries | Training in Japan                               |
| JICA Volunteer Program                 | Short-term dispatch of YWWB staff to Malawi  | Malawi   | Dispatch exparts                                |
| Kawasaki City Water and                | Wastewater Works Bureau  |  |   |
| JICA / Utilities cooperation program   | Capacity Development Project for Improvement of Management Ability of Water Supply Authorities                           | Laos   | Dispatch exparts                                |
| Hamamatsu City Water S                 | ervices Department   |  |   |
| JICA Training and Dialogue<br>Programs | Non-Revenue Water Management(Leakage Control)<br>A   | Bangladesh,<br>Bhutan, Brezil,<br>and other 7<br>counries      | Training in Japan                               |
| JICA Partnership Program               | JICA Partnership Program   | Bangladesh   | Dispatch exparts                                |
| Water Utility Program                  | Exhibition of The Simple Filter Bed at The UCLG ASPAC Executive Bureau Meeting 2014 Hamamatsu                            | _  | Exhibition                                      |
| Nagoya City Waterworks                 |  |  |   |
| JICA Partnership Program               | Capacity Development Project for Construction<br>Management of Water Supply Pipe Laying                                  | Sri Lanka  | Dispatch exparts, Training in Japan             |
| JICA Partnership Program               | Improvement of Sewage Treatment in Mexico City Project   | Mexico   | Dispatch exparts                                |
| JICA Training and Dialogue<br>Programs | Non-Revenue Water Management(Leakage Control)<br>A   | Bangladesh,<br>Bhutan, Brezil,<br>and other 7<br>counries      | Training in Japan                               |
| JICA Training and Dialogue<br>Programs | Non-Revenue Water Management(Leakage Control)<br>B   | Ethiopia, Iraq,<br>Nepal and other 7<br>countries              | Training in Japan                               |

## ■ International Activities (Water Operators Partnerships)

FY2014

| Category of activities               | Name of Activities  | Target/Partner countries                                 | • •  |
|--------------------------------------|---|--|--|
| Kyoto City Water and Sew             | verage Works Bureau   |  |  |
| JICA Training program                | JICA country focused training "Sewerage treatment facilities maintenance                      | Brazil   | Training in Japan                                |
| JICA Training program                | JICA country focused training "Role of Government for watersupply, waterworks management"     | Laos   | Training in Japan                                |
| Field investigation                  | Ministry of the Environment Feasibility Study of Foreign country Technical Support project    | Laos   | Field investigation in Laos                      |
| Osaka Water Suplly Author            | prity   |  |  |
| Water Utility Program                | The training and observation of our WTP   | Singapore  | Training in Japan                                |
| KOBE City Waterworks Bu              | reau  |  |  |
| CLAIR project                        | Project to improve waterworks in Lon An Province, Vietnam                                     | Vietnam  | Dispatch exparts                                 |
| The City of Hiroshima Wa             | terworks Bureau   |  |  |
| JICA Training and Dialogue program   | Operation and Maintenance of Urban Water Supply<br>Systems Course B                           | Republic of<br>Congo and other<br>5 countries            | Training in Japan                                |
| JICA Country Specific Training       | Environment / Water Management Engineering (Iraq)   | Iraq   | Training in Japan                                |
| Shimonoseki City Waterw              | orks & Sewerage Bureau  |  |  |
| Sister City Exchange<br>Program      | JFY2014 Technical Exchange Program with Qingdao Hairun Waterworks Group Co., Ltd.             | China  | Dispatch exparts, Training in Japan              |
| Water and Sewer Bureau,              | City of Kitakyushu  |  |  |
| JICA / Utilities cooperation program | Capacity Building for the Water Supply System in Cambodia(Phae3)                              | Cambodia   | Dispatch exparts                                 |
| JICA Partnership Program             | Improvement of Siem Reap's Capacity on Water<br>Supply Facilities Management                  | Cambodia   | Dispatch exparts, Training in Japan              |
| JICA Partnership Program             | Improvement of HPWSCo's Capacity on Distribution<br>Network Management                        | Vietnam  | Dispatch exparts, Training in Japan              |
| JICA Partnership Program             | Project for Improvement of Capacity on Water<br>Treatment Plant Operation in Mandalay         | Myanmar  | Dispatch exparts, Training in Japan              |
| Public Private Partnarship           | Kitakyushu Overseas Water Business Association,<br>Water and Sewer Bureau, City of Kitakyushu | Cambodia, Viet<br>Nam, Indonesia,<br>China               | Business and International contribution Pratform |
| Okinawa Prefecture Enter             | prise Bureau  | Cimia  |  |
| JICA Training program                | Water Conservation Management in Island Areas   | Cook Islands, Fiji,<br>Kiribati and other<br>6 countries | Training in Japan                                |
| JICA Partnership Program             | Capacity Enhancement Project for Samoa Water<br>Authority in Cooperation with Okinawa         |  | Dispatch exparts                                 |
| Japan Water Works Assoc              |   |  |  |
| JICA Group Training Course           | Comprehensive Engineering on Water Supply Systems (A)   | Cambodia, Iraq,<br>Malawi and other<br>5 countries       | Training in Japan                                |

### **International Activities (Water Operators Partnerships)**

| Implementing organization                      | Name of Plogram   | Training activities                           |
|--|---|---|
| Sapporo City Waterworks Bureau                 |   |   |
| JICA Group Training Program                    | JICA Training group course " Waterworks Engineering"  | Training in Japan                             |
| Friendship City Exchange Program               | Technology Exchange between Sapporo City Waterworks Bureau and the Shenyang Water Group Co., Ltd. | Training in Japan                             |
| Tokyo Metropolitan Waterworks Bureau           |   |   |
| Water Utilities Program                        | Human resourses development network for Asian water utilities "A1-HRD" (The 6th meeting)          | Meeting and technical visit in Daejeon, Korea |
| Yokohama Waterworks Bureau                     |   |   |
| Water Utilities Program                        | Yokohama Water Works Bureau's Technical Cooperation for Socialist Republic of Vietnam             | Training in Japan                             |
| JICA Region Focused Training Program           | JICA Training course "Water supply Engineering for African region"                                | Training in Japan                             |
| Friendship City Exchange Program               | Yokohama-Shanghai exchange training on Waterworks engineering                                     |   |
|  | Technical cooperation for Thalland  | Dispatch expert to Thailand                   |
| Kawasaki City Water and Wastewater Works Burea | au  |   |
| Friendship City Exchange Program               | With Shenyang City, China   | Training in Japan                             |
| Dispatch JICA expert                           | To Laos, coopration with Saitama city   |   |
| Saitama City Waterworks Bureau                 |   |   |
| JICA/Utilities cooperation program             | Governance capacity development project in Laos   | Dispatch experts/Training in Japan            |
| Saitama Prefecture                             |   |   |
| JICA/Utilities cooperation program             | Water treatment technology improvement project in Chonburi, Thailand                              | Dispatch experts/Training in Japan            |
| JICA/Utilities cooperation program             | Governance development project in Laos  |   |
| JICA/Utilities cooperation program             | WTP O&M improvement support program for PWA, Thailand   | JICA Grass-roots project                      |

| Nagoya City Waterworks & Sewerage Bureau      |  |  |  |
|---|--|--|--|
| JICA/Utilities cooperation                    | Capacity development project on design, O&M of water supply systems in Sri Lanca                                 | Survey on evaluation of this training /Training in Japan     |  |
| JICA Group Training Program                   | Non-Revenue Water Management   | Training in Japan  |  |
| Osaka City Waterworks Bureau                  |  |  |  |
| JICA Group Training Program                   | Operation and Maintenance of Urban Water Supply Systems  | Training in Japan  |  |
| Water Utilities Program                       | Water supply technology exchange between Osaka City and Ho Chi Minh (Saigon) City                                | Training in Japan  |  |
| Osaka Water Supply Authority                  |  |  |  |
| Training Program                              | Technology exchange between Thailand (MWA)   | Training in Japan  |  |
| Hiroshima City Waterworks Bureau              |  |  |  |
| JICA Training Program                         | Water Supply Management for Iraq   | Training in Japan  |  |
| JICA Group Training Program                   | Urban water supply management  | Training in Japan  |  |
| Shimonoseki City Waterworks & Sewerage Bureau |  |  |  |
| Sister City Exchange Program                  | JFY2013 Technical Exchange Program with Qingdao Hairun Waterworks Group Co., Ltd.                                | Dispatch of two personnel from each city to the partner city |  |
| Fukuoka City Waterworks Bureau                |  |  |  |
| Dispatch JICA expert                          | To Myanmar   |  |  |
| Kitakyushu City Waterworks Bureau             |  |  |  |
| JICA/Utilities cooperation program            | Technical Cooperation in Cambodia  | Dispatch experts   |  |
| JICA/Utilities cooperation program            | Technical Cooperation to Siem Reap City, Cambodia  | Dispatch experts/Kick-off meeting in Cambodia                |  |
| CLAIR/Utilities cooperation program           | Technical exchange with Haiphong city  | Training in Japan  |  |
| JICA/Utilities cooperation program            | Technical cooperation for Haiphong city, Vietnam   | Dispatch experts/Training in Japan                           |  |
| IIII A/I ITIIITIES COONERATION NYOGYAM        | Grass-roots project "Human resources (waterworks engineers) development in Dalian and sorrounding area in China" | Training in Japan  |  |
| JICA/Utilities cooperation program            | Technical cooperation for Mandalay city, Myanmar   | Dispatch experts   |  |

| Nagasaki City Waterworks & Sewerage Bureau |   |  |  |
|--|---|--|--|
| Friendship City Exchange Program           | Fuzhou City Waterworks Technology Exchange        | Meetings, technical visit etc. in Fuzhou |  |
| Okinawa Prefecture Enterprise Bureau       |   |  |  |
| JICA Region Focused Training Program       | Water Conservation Management in Island Areas     | Training in Japan                        |  |
| Japan Water Works Associtaion              |   |  |  |
| JICA Group Training Program                | Comprehensive engineering on water supply systems | Training in Japan                        |  |

| Implementing organization                  | Name of Plogram  | Training activities  |  |
|--|--|--|--|
| Sapporo City Waterworks Bureau             |  |  |  |
| JICA Group Training Program                | Waterworks Engineering   | Training in Japan  |  |
| JICA Region Focused Training Program       | Waterworks Engineering for Caucasus  | Training in Japan  |  |
| Friendship City Exchange Program           | Technology Exchange between Sapporo City Waterworks Bureau and the Shenyang Water Group Co., Ltd.                              | Training in China  |  |
| Tokyo Metropolitan Waterworks Bureau       |  |  |  |
| Water Utilities Program by its own         | The Asia Human Resource Development Network Conference (5th Conference)  | Workshop and site tours, etc. in Taiwan  |  |
| JICA/Utilities cooperation                 | Technical support incidental to the Bangkok Water Supply Improvement Project   | Dispatch of expert to Thailand / Training in Japan   |  |
| Yokohama Waterworks Bureau                 |  |  |  |
| Water Utilities Program by its own         | Yokohama Water Works Bureau's Technical Cooperation for Socialist Republic of Vietnam  | Dispatching staff for local investigation and seminar presentations in Vietnam/Training in Japan |  |
| JICA Training with Each Problem            | Seminar on Urban Water Service Management and Human Resource Development in the Asian Region                                   | Training in Japan  |  |
| JICA Region Focused Training Program       | Water Supply in Small and Medium Scale Cities in Central Asia  | Training in Japan  |  |
| Partnership with CITYNET                   | Yokohama Training Program  | Training in Japan  |  |
| Friendship City Exchange Program           | Water Supply Technical Training project for Friendship City Exchange between Yokohama city and Shanghai city                   | Training in Japan  |  |
| Kawasaki City Waterworks & Sewerage Bureau |  |  |  |
| JICA Expert Dispatch                       | Capacity Development Project for Improvement of Management Ability of Water Supply Authorities in Laos                         | Dispatch of expert to Laos   |  |
| Sister City Exchange Program               | The friendship cooperation agreement between Kawasaki City Waterworks & Sewerage Bureau and the Shenyang Water Group Co., Ltd. | Discussion and Technical inspection in Japan / Conclusion of an Agreement                        |  |
| Chiba Prefecture Waterworks Bureau         |  |  |  |
| JICA Expert Dispatch                       | East Timor - Water supply improvement adviser  | Dispatch of expert to East Timor   |  |

| Saitama City Waterworks Bureau                  |   |   |
|---|---|---|
| Water Utilities Program by its own              | Saitama City waterworks international development seminar   | Providing Seminar in Saitama City                               |
| JICA/Utilities cooperation                      | Technical Cooperation for Laos  | Dispatch of expert to Laos / Training in Japan                  |
| Saitama Prefectural Government Bureau of Public | Enterprise  |   |
| JICA/Utilities cooperation                      | Support project of Water processing technology improvement for Chonburi, Thailand                               | Dispatch of expert to Thailand / Training in Japan              |
| JICA Expert Dispatch                            | Capacity Development Project for Improvement of Management Ability of Water Supply Authorities                  | Dispatch of expert to Laos                                      |
| Nagoya City Waterworks & Sewerage Bureau        |   |   |
| JICA/Utilities cooperation                      | Aid project for maintenance of water supply in Bangkok  | Investigation in Thailand metropolitan area / Training in Japan |
| JICA Group Training Program                     | Non-Revenue Water Management  | Training in Japan   |
| Osaka City Waterworks Bureau                    |   |   |
| Water Utilities Program by its own              | Waterworks Technology Exchange between Osaka City and Ho Chi Minh (Saigon) City                                 | Training in Japan   |
| JICA Group Training Program                     | Operation and Maintenance of Urban Water Supply Systems   | Training in Japan   |
| JICA Country Focused Training Program           | Water Supply improvement plan "A water supply system and personnel training" course for Ho Chi Minh City        | Training in Japan   |
| Osaka Water Supply Authority                    |   |   |
| Water Utilities Program by its own              | Waterworks Technology Exchange between Osaka Water Supply Authority and Metropolitan Waterworks Authority (MWA) | Held the ceremonial signing in Japan                            |
| JICA/Utilities cooperation                      | Aid project for maintenance of water supply in Bangkok  | Investigation in Thailand metropolitan area / Training in Japan |
| Hiroshima City Waterworks Bureau                |   |   |
| JICA Region Focused Training Program            | Water Supply Management for Iraq - Maintenance of Distribution Pipeline and Leakage Prevention -                | Training in Japan   |
| Shimonoseki City Waterworks & Sewerage Bureau   |   |   |
| Sister City Exchange Program                    | Technical Exchange Program with Qingdao Hairun Waterworks Group Co., Ltd.                                       | Dispatch of two personnel from each city to the partner city    |
| Fukuoka City Waterworks Bureau                  |   |   |
| JICA Expert Dispatch                            | Water Supply adviser for Yangon, Myanmar  | Dispatch of expert to Myanmar                                   |

| Kitakyushu City Waterworks Bureau    |  |   |
|--------------------------------------|--|---|
| JICA/Utilities cooperation           | Technical Cooperation to Cambodia  | Dispatch of expert to Cambodia / Training in Japan                |
| JICA/Utilities cooperation           | Technical Cooperation to Haiphong City, Vietnam  | Dispatching experts to Haiphong City, Vietnam / Training in Japan |
| CLAIR/Utilities cooperation          | Providing Haiphong City, Vietnam with Technical Cooperation –Project of exchanging municipal employee- | Training in Japan   |
| Okinawa Prefecture Enterprise Bureau |  |   |
| JICA Region Focused Training Program | Water Conservation Management in Island Areas  | Training in Japan   |
| Miyakojima City Waterworks Bureau    |  |   |
| JICA/Utilities cooperation           | Miyako-jima's Water Supply Model Project in Samoa  | Training in Japan/Dispatching experts to Samoa                    |
| Japan Water Works Associtaion        |  |   |
| JICA Group Training Program          | Engineering on Water Supply Systems  | Training in Japan   |
| Cooperation between Associations     | Training course for executives of Water utilities in Indonesia   | Training in Japan   |

| Implementing organization             | Name of Plogram   | Training activities  |
|---------------------------------------|---|--|
| Sapporo City Waterworks Bureau        |   |  |
| JICA Group Training Program           | JFY2011 Waterworks Engineering  | Training in Japan  |
| JICA Region Focused Training Program  | JFY2011 Waterworks Engineering for Caucasus, Central Asia and Mongolia                                    | Training in Japan  |
| Friendship City Exchange Program      | JFY2011 Technology Exchange between Sapporo City Waterworks Bureau and the Shenyang Water Group Co., Ltd. | Training in China  |
| Tokyo Metropolitan Waterworks Bureau  |   |  |
| JICA/Utilities cooperation            | JFY2011 Technical support incidental to the Bangkok Water Supply Improvement Project                      | Research and classroom-based learning in Thailand/Training in Japan                              |
| JICA Country Focused Training Program | JFY2011 South African Republic Waterworks Training  | Training in Japan  |
| Water Utilities Program by its own    | JFY 2011 The Asia Human Resource Development Network Conference (3 <sup>rd</sup> Conference)              | Workshop and site tours, etc. in Taiwan  |
| Yokohama Waterworks Bureau            |   |  |
| Water Utilities Program by its own    | JFY2011 Yokohama Water Works Bureau's Technical Cooperation for Socialist Republic of Vietnam             | Dispatching staff for local investigation and seminar presentations in Vietnam/Training in Japan |
| JICA Training with Each Problem       | JFY2011 Seminar on Urban Water Service Management and Human Resource Development in the Asian Region      | Training in Japan  |
| JICA Group Training Program           | JFY2011 Urban Waterworks Engineering  | Training in Japan  |
| JICA Region Focused Training Program  | JFY2011 Water Supply in Small and Medium Scale Cities in Central Asia                                     | Training in Japan  |
| Partnership with CITYNET              | JFY2011 Yokohama Training Program   | Training in Japan  |
| Saitama City Waterworks Bureau        |   |  |
| Water Utilities Program by its own    | JFY 2011 Seminar in Advancement Water Sector in Laos  | Providing Seminar in Vientiane Capital City Laos   |
| Water Utilities Program by its own    | JFY 2011 Saitama City and Vientiane Capital City Waterworks Friendship Program                            | Exchanging each two staff  |

| Nagoya City Waterworks & Sewerage Bureau |  |   |
|--|--|---|
| JICA/Utilities cooperation               | JFY2011 Aid project for maintenance of water supply in Bangkok   | Investigation in Thailand metropolitan area / Training in Japan |
| JICA/Utilities cooperation               | JFY2011 Project of Improvement Water Supply Service in Maminasata<br>Metropolitan Ares, Sulawesi Province, Indonesia   | Survey on evaluation of this training /Training in Japan        |
| JICA Group Training Program              | JFY2011 Non-Revenue Water Management   | Training in Japan   |
| Osaka City Waterworks Bureau             |  |   |
| JICA Group Training Program              | JFY2011 Operation and Maintenance of Urban Water Supply Systems  | Training in Japan   |
| Water Utilities Program by its own       | JFY2011 Waterworks Technology Exchange between Osaka City and Ho Chi Minh (Saigon) City  | Training in Japan   |
| Osaka Water Supply Authority             |  |   |
| JICA/Utilities cooperation               | JFY2011 Aid project for maintenance of water supply in Bangkok   | Investigation in Thailand metropolitan area / Training in Japan |
| JICA Disaster Relief team                | JFY2011 JICA Disaster Relief team of Experts against flood damage in Thailand  | Emergency aid for flood in Bangkok City, Thailand               |
| Hiroshima City Waterworks Bureau         |  |   |
| JICA Region Focused Training Program     | JFY2011 Water Supply Management for Middle Eastern Countries - Maintenance of Distribution Pipeline and Leakage Prevention -                                     | Training in Japan   |
| Shimonoseki City Waterworks & Sewerage B | ureau  |   |
| Sister City Exchange Program             | JFY2011 Technical Exchange Program with Qingdao Hairun Waterworks Group Co., Ltd.  | Dispatch of two personnel from each city to the partner city    |
| Kitakyushu City Waterworks Bureau        |  |   |
| JICA/Utilities cooperation               | JFY2011 Providing Cambodia with Technical Cooperation  | Dispatch of expert to Cambodia                                  |
| JICA/Utilities cooperation               | JFY2011 Technical Cooperation to Haiphong City, Vietnam - A grass-roots technical cooperation "Advancement of purification technology against organic substance" | Dispatching experts to Haiphong City, Vietnam                   |
| JICA/Utilities cooperation               | JFY2011 A grass-roots technical cooperation "Humanresource development of water supply engineer in around Dalian City" —dispatching experts-                     | Dispatching experts to Dalian City, China                       |
| CLAIR/Utilities cooperation              | JFY2011 Providing Haiphong City, Vietnam with Technical Cooperation –Project of exchanging municipal employee-   | Training in Japan   |
| Friendship City Exchange Program         | JFY2011 Human resource development of water supply in Dalian City for purpose of technical cooperation with China "Special training"                             | Training in Japan   |

| Nagasaki City Waterworks & Sewerage Bureau |   |  |  |
|--|---|--|--|
| Friendship City Exchange Program           | JFY2011 Fuzhou City Waterworks Technology Exchange        | Opinion exchange, site tour, etc. in Japan     |  |
| Okinawa Prefecture Enterprise Bureau       |   |  |  |
| JICA Region Focused Training Program       | JFY2011 Water Conservation Management in Island Areas     | Training in Japan                              |  |
| Miyakojima City Waterworks Bureau          |   |  |  |
| JICA/Utilities cooperation                 | JFY2011 Miyako-jima's Water Supply Model Project in Samoa | Training in Japan/Dispatching experts to Samoa |  |
| Japan Water Works Associtaion              |   |  |  |
| JICA Group Training Program                | JFY2011 Engineering on Water Supply Systems               | Training in Japan                              |  |

| Implementing organization             | Name of Plogram   | Training activities  |
|---------------------------------------|---|--|
| Sapporo City Waterworks Bureau        |   |  |
| JICA Group Training Program           | JFY2010 Waterworks Engineering  | Training in Japan  |
| JICA Region Focused Training Program  | JFY2010 Waterworks Engineering for Caucasus, Central Asia and Mongolia                                    | Training in Japan  |
| Friendship City Exchange Program      | JFY2010 Technology Exchange between Sapporo City Waterworks Bureau and the Shenyang Water Group Co., Ltd. | Training in China  |
| Tokyo Metropolitan Waterworks Bureau  |   |  |
| JICA/Utilities cooperation            | JFY2010 Technical support incidental to the Bangkok Water Supply Improvement Project                      | Research and classroom-based learning in Thailand/Training in Japan                              |
| JICA Country Focused Training Program | JFY2010 South African Republic Waterworks Training  | Training in Japan  |
| Water Utilities Program by its own    | JFY 2010 The Asia Human Resource Development Network Conference (3 <sup>rd</sup> Conference)              | Workshop and site tours, etc. in Taiwan  |
| Yokohama Waterworks Bureau            |   |  |
| JICA Training with Each Problem       | JFY2010 Urban Waterworks Engineering  | Training in Japan  |
| JICA Region Focused Training Program  | JFY2010 Water Supply in Small and Medium Scale Cities in Central Asia                                     | Training in Japan  |
| JICA Training with Each Problem       | JFY2010 Seminar on Urban Water Service Management and Human Resource Development in the Asian Region      | Training in Japan  |
| Partnership with CITYNET              | JFY2010 Yokohama Training Program   | Training in Japan  |
| Water Utilities Program by its own    | JFY2010 Yokohama Water Works Bureau's Technical Cooperation for Socialist Republic of Vietnam             | Dispatching staff for local investigation and seminar presentations in Vietnam/Training in Japan |
| Saitama City Waterworks Bureau        |   |  |
| JICA/Utilities cooperation            | JFY2010 Vientiane and Major Cities in Laos Technical Cooperation Project                                  | Training in Japan  |
| Water Utilities Program by its own    | JFY 2010 Saitama City and Vientiane Capital City Waterworks Friendship Program                            | Dispatch of two personnel from each city to the partner city                                     |

| Nagoya City Waterworks & Sewerage Bureau      |  |  |  |  |
|---|--|--|--|--|
| JICA/Utilities cooperation                    | JFY2010 Technical support incidental to the Bangkok Water Supply Improvement Project   | Research in Bangkok Bangkok Metropolitan Region/Training in Japan            |  |  |
| JICA/Utilities cooperation                    | JFY2010 Mexico City Waterworks Technical Cooperation Project   | Research and classroom-based learning in Mexico City/Training in Japan       |  |  |
| JICA/Utilities cooperation                    | JFY2010 Technical support for the Mamminasata Metropolitan Area in South Sulawesi Province, Indonesia                        | Classroom-based learning in Mamminasata Metropolitan Area /Training in Japan |  |  |
| JICA Group Training Program                   | JFY2010 Non-Revenue Water Management   | Training in Japan  |  |  |
| Osaka City Waterworks Bureau                  |  |  |  |  |
| JICA Group Training Program                   | JFY2010 Operation and Maintenance of Urban Water Supply Systems  | Training in Japan  |  |  |
| JICA/Utilities cooperation                    | -  | -  |  |  |
| Water Utilities Program by its own            | JFY2009 Waterworks Technology Exchange between Osaka City and Ho Chi Minh (Saigon) City                                      | Training in Japan  |  |  |
| Osaka Prefectural Waterworks                  |  |  |  |  |
| JICA/Utilities cooperation                    | JFY2010 Aid project for maintenance of water supply in Bangkok   | Investigation in Thailand metropolitan area /Training in Japan               |  |  |
| Hiroshima City Waterworks Bureau              | Hiroshima City Waterworks Bureau   |  |  |  |
| JICA Region Focused Training Program          | JFY2010 Water Supply Management for Middle Eastern Countries - Maintenance of Distribution Pipeline and Leakage Prevention - | Training in Japan  |  |  |
| Okayama City Waterworks Bureau                |  |  |  |  |
| JICA/Utilities cooperation                    | JFY2010 Technical support for Mamminasata Metropolitan Area in South Sulawesi<br>Province, Indonesia                         | Investigation in Mamminasata Metropolitan /Training in Japan                 |  |  |
| Shimonoseki City Waterworks & Sewerage Bureau | Shimonoseki City Waterworks & Sewerage Bureau  |  |  |  |
| Sister City Exchange Program                  | JFY2010 Technical Exchange Program with Qingdao Hairun Waterworks Group Co., Ltd.  | Dispatch of two personnel from each city to the partner city                 |  |  |
| Kitakyushu City Waterworks Bureau             |  |  |  |  |
| JICA/Utilities cooperation                    | JFY2010 Providing Cambodia with Technical Cooperation  | Dispatch of expert to Cambodia/Training in Japan                             |  |  |
| Nagasaki City Waterworks & Sewerage Bureau    |  |  |  |  |
| Friendship City Exchange Program              | JFY2010 Fuzhou City Waterworks Technology Exchange   | Opinion exchange, site tour, etc. in Japan                                   |  |  |

| Okinawa Prefecture Enterprise Bureau |   |  |  |
|--------------------------------------|---|--|--|
| JICA Region Focused Training Program | JFY2010 Water Conservation Management in Island Areas     | Training in Japan                              |  |
| Miyakojima City Waterworks Bureau    |   |  |  |
| JICA/Utilities cooperation           | JFY2010 Miyako-jima's Water Supply Model Project in Samoa | Training in Japan/Dispatching experts to Samoa |  |
| Japan Water Works Associtaion        |   |  |  |
| JICA Group Training Program          | JFY2010 Engineering on Water Supply Systems               | Training in Japan                              |  |

### **International Activities (Water Operators Partnerships)**

| Implementing organization                | Name of Plogram   | Training activities   |  |  |
|--|---|---|--|--|
| Sapporo City Waterworks Bureau           |   |   |  |  |
| JICA Group Training Program              | JFY2009 Waterworks Engineering  | Training in Japan   |  |  |
| JICA Region Focused Training Program     | JFY2009 Waterworks Engineering for Caucasus and East Asia Regions   | Training in Japan   |  |  |
| Friendship City Exchange Program         | JFY2009 Technology Exchange between Sapporo City Waterworks Bureau and the Shenyang Water Group Co., Ltd. | Training in Japan   |  |  |
| Tokyo Metropolitan Waterworks Bureau     |   |   |  |  |
| JICA Country Focused Training Program    | JFY2009 South African Republic Waterworks Training  | Training in Japan   |  |  |
| Water Utilities Program by its own       | JFY 2009 The Asia Human Resource Development Network Conference (2 <sup>nd</sup> Conference)              | Workshop and site tours, etc. in Korea  |  |  |
| Yokohama City Waterworks Bureau          |   |   |  |  |
| JICA/Utilities cooperation               | JFY2009 Yokohama Water Works Bureau's Technical Cooperation for Socialist Republic of Vietnam             | Dispatching staff for local investigation and seminar presentations/Training in Japan |  |  |
| JICA Group Training Program              | JFY2009 Urban Waterworks Engineering  | Training in Japan   |  |  |
| JICA Region Focused Training Program     | JFY2009 Water Supply in Small and Medium Scale Cities in Central Asia                                     | Training in Japan   |  |  |
| Friendship City Exchange Program         | JFY2009 Waterworks Technical Exchange Program   | Training in Japan   |  |  |
| Partnership with CITYNET                 | JFY2009 Yokohama Training Program   | Training in Japan   |  |  |
| Saitama City Waterworks Bureau           |   |   |  |  |
| JICA/Utilities cooperation               | JFY2009 Vientiane and Major Cities in Laos Technical Cooperation Project                                  | Dispatch of expert to Laos  |  |  |
| Nagoya City Waterworks & Sewerage Bureau |   |   |  |  |
| JICA/Utilities cooperation               | JFY2009 Mexico City Waterworks Technical Cooperation Project  | Research and classroom-based learning in Mexico City/Training in Japan                |  |  |
| JICA Group Training Program              | JFY2009 Non-Revenue Water Management  | Training in Japan   |  |  |
| JICA Country Focused Training Program    | JFY2009 JAMAICA Waterworks Facilities Improvement Project   | Training in Japan   |  |  |

| Osaka City Waterworks Bureau                  |   |  |  |
|---|---|--|--|
| JICA Group Training Program                   | JFY2009 Operation and Maintenance of Urban Water Supply Systems   | Training in Japan  |  |
| Water Utilities Program by its own            | JFY2009 Waterworks Technology Exchange between Osaka City and Ho Chi Minh (Saigon) City                                   | Exchange information and views in Ho Chi Minh (Saigon) City  |  |
| Hiroshima City Waterworks Bureau              |   |  |  |
| JICA Region Focused Training Program          | JFY2009 Water Supply Management for Middle Eastern CountriesMaintenance of Distribution Pipeline and Leakage Prevention - | Training in Japan  |  |
| Shimonoseki City Waterworks & Sewerage Bureau |   |  |  |
| Sister City Exchange Program                  | JFY2009 Technical Exchange Program with Qingdao Hairun Waterworks Group Co., Ltd.   | Dispatch of two personnel from each city to the partner city |  |
| Kitakyushu City Waterworks Bureau             |   |  |  |
| JICA/Utilities cooperation                    | JFY2009 Providing Cambodia with Technical Cooperation   | Dispatch of expert to Cambodia/Training in Japan             |  |
| Friendship City Exchange Program              | JFY2009 Technical Cooperation for H.R.D. in P.R. China through Dalian W.S.C.  | Training in Japan  |  |
| Nagasaki City Waterworks & Sewerage Bureau    |   |  |  |
| Friendship City Exchange Program              | JFY2009 Fuzhou City Waterworks Technology Exchange  | Opinion exchange, site tour, etc. in Japan                   |  |
| Japan Water Works Associtaion                 |   |  |  |
| JICA Group Training Program                   | JFY2009 Engineering on Water Supply Systems   | Training in Japan  |  |
| JICA Country Focused Training Program         | JFY2009 NEPAL Supporting System for Semi-Urban Water Supply Bodies  | Training in Japan  |  |

### **International Activities (Water Operators Partnerships)**

| Implementing organization                | Name of Plogram  | Training activities  |  |
|--|--|--|--|
| Sapporo City Waterworks Bureau           |  |  |  |
| JICA Group Training Program              | JFY2008 Waterworks Engineering   | Training in Japan  |  |
| JICA Region Focused Training Program     | JFY2008 Waterworks Engineering for Caucasus and East Asia Regions  | Training in Japan  |  |
| Tokyo Metropolitan Waterworks Bureau     | Tokyo Metropolitan Waterworks Bureau   |  |  |
| Water Utilities Program by its own       | JFY 2008 The Asia Human Resource Development Network Conference (1st Conference)   | Workshop and site tours, etc. in Japan                                 |  |
| Yokohama City Waterworks Bureau          |  |  |  |
| JICA/Utilities cooperation               | JFY2008 Yokohama Water Works Bureau's Technical Cooperation for Thua Thien<br>Hue Construction and Water Supply State-One Member Company Limited | Dispatching experts to Hue City/Training in Japan                      |  |
| JICA Group Training Program              | JFY2008 Urban Waterworks Engineering   | Training in Japan  |  |
| JICA Region Focused Training Program     | JFY2008 Water Supply in Small and Medium Scale Cities in Central Asia  | Training in Japan  |  |
| Friendship City Exchange Program         | JFY2008 Waterworks Technical Exchange Program  | Training in Japan  |  |
| Partnership with CITYNET                 | JFY2008 Yokohama Training Program  | Training in Japan  |  |
| Saitama City Waterworks Bureau           | Saitama City Waterworks Bureau   |  |  |
| JICA/Utilities cooperation               | JFY2008 Vientiane and Major Cities in Laos Technical Cooperation Project   | Training in Japan/On-the-job training, workshop and seminar in Laos    |  |
| Nagoya City Waterworks & Sewerage Bureau |  |  |  |
| JICA/Utilities cooperation               | JFY2008 Mexico City Waterworks Technical Cooperation Project   | Research and classroom-based learning in Mexico City/Training in Japan |  |
| JICA Group Training Program              | JFY2008 Non-Revenue Water Management   | Training in Japan  |  |
| Niigata City Waterworks Bureau           |  |  |  |
| Friendship City Exchange Program         | JFY2008 Programs between waterworks personnel from Niigata City and Harbin City  | Training in Japan  |  |
| Osaka City Waterworks Bureau             |  |  |  |
| JICA Group Training Program              | JFY2008 Operation and Maintenance of Urban Water Supply Systems  | Training in Japan  |  |
| Sister City Exchange Program             | JFY2008 Waterworks Technology Exchange between Osaka City and Shanghai City  | Opinion exchange, site tour, etc. In Japan.                            |  |
| Hiroshima City Waterworks Bureau         |  |  |  |
| JICA Region Focused Training Program     | JFY2008 Water Supply Management for Middle Eastern Countries- Maintenance of Distribution Pipeline and Leakage Prevention –                      | Training in Japan  |  |

| Shimonoseki City Waterworks & Sewerage Bureau |   |  |  |
|---|---|--|--|
| Sister City Exchange Program                  | JFY2008 Technical Exchange Program with Qingdao Hairun Waterworks Group Co., Ltd.       | Dispatch of two personnel from each city to the partner city         |  |
| Matsue City Waterworks Bureau                 |   |  |  |
| CLAIR/Utilities cooperation                   | JFY2008 Yinchuan City Waterworks Technical Cooperation Project                          | Local observation tours/Training in Japan                            |  |
| Kitakyushu City Waterworks Bureau             |   |  |  |
| ICA/Utilities cooperation                     | JFY2008 Providing Cambodia with Technical Cooperation                                   | Dispatch of expert to Cambodia/Training in Japan                     |  |
| ICA/Utilities cooperation                     | JFY2008 Providing Dalian with Technical Cooperation                                     | Held seminars in Dalian/Training in Japan                            |  |
| Miyakojima City Waterworks Bureau             |   |  |  |
| ICA/Utilities cooperation                     | JFY2008 Technical Training on Water Supply Management Using the Slow Sand Filter System | Training in Japan/Guidance provided by experts dispatched from Japan |  |
| Japan Water Works Associtaion                 |   |  |  |
| JICA Group Training Program                   | JFY2008 Engineering on Water Supply Systems   | Training in Japan  |  |
| JICA Country Focused Training Program         | JYF2008 Bolivia Regional Waterworks Training  | Training in Japan  |  |