

NEWSLETTER

(January to December 2023)



PAKISTAN WATER OPERATORS NETWORK

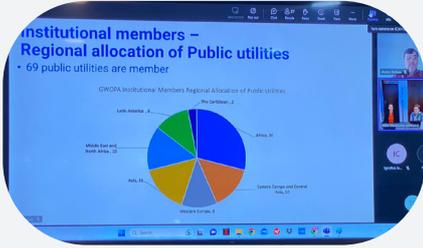
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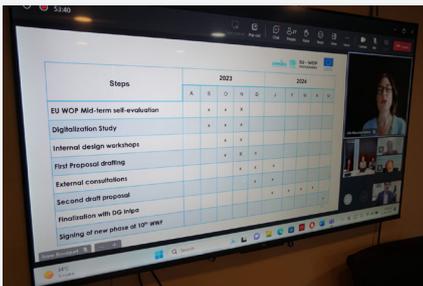
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Global Water Operators Alliance (GWOPA) Webinar on Water Management:



An international webinar conducted from the platform provided by the Global Water Operators Alliance (GWOPA) on the subject of efficient water management practices, GWOPA's steering committee members joined this meeting from various countries.

From South Asian region, Chairman Pakistan Water Operators Network (PWON) Syed Zahid Aziz invited as a representative. The Chairman Syed Zahid Aziz acknowledged the honor to represent Pakistan in such prestigious international forum. The Chairman highlighted the water related challenges especially in water supply and sanitation sector at the forum as well as disclosed the innovative solutions incorporated such as construction of underground water storage tanks. The forum focuses to help developing countries with water supply and drainage with shared experiences of developed countries. The chairman emphasized on to introduce advanced training programs for water engineers through this network and focused the importance of creating a complete plan for drinking water and drainage solutions in Pakistan. Furthermore the Chairman appreciated GWOPA's support through which WASA Lahore and Budapest Water underway a collaboration program. The GWOPA's steering committee members comprehensively discussed challenges in the water sector and shared their practical experiences to reach out to smart solutions in the water sector.



Online meeting Between PWON and New IBNET



Under the Chairmanship of Pakistan Water Operators Network Syed Zahid Aziz an online meeting held with the delegation of International Benchmarking Networking (New IBNET). In the meeting, the performance and possible improvements of Pakistan's water and drainage institutions were discussed. New IBNET offers a unique and customized consultancy to solve the problems faced by water and drainage institutions worldwide. Based on data sharing processes support key performance indicators for better customer experience. All members of Pakistan Water Operators Network will be given free membership of New IBNET disclosed by the Chairman PWON. Through membership, institutions will be able to get complementary advice for solving water related challenges. The member institutions will have the privilege prompt decision making, investment,

and peer learning after using their specific data. It was agreed that formal MoU signing between PWON and New IBNET will occur in near future. In the light of MoU a comparative assessment will be conducted to assess the performance of water supply and drainage institutions of PWON member utilities. On this occasion, Miss Monica Weber, Senior Advisor from IBNET and Marco, Team Leader



participated from Washington DC online.

International Membership Awarded to PWON

Under the chairmanship of Chairman PWON Pakistan Water Operators Network Syed Zahid Aziz , Global Water Operators' Partnership Alliance GWOPA/UN-Habitat confirmed

institutional membership to PWON as part of the associations of water and sanitation utilities category. Allocation of permanent membership is an honor to PWON and will contribute to improve water and sanitation sector in Pakistan says Chairman PWON Syed Zahid Aziz.

Chairman PWON as Guest of Honor

Pakistan Water Operators Network graciously announce Chairman Syed Zahid Aziz participating as Guest of Honor at the upcoming water conference held from 25th to 27th October 2023 at Expo Center, Lahore,

Pakistan.

His presence was highly anticipated, given his status as one of the country's most accomplished water and sanitation engineering with a remarkable track record of success participation in the presence of country's most accomplished water and sanitary engineer having the trail of remarkable success stories.

New IBNET Meeting with PWON Member Utilities



Organizations related to water supply and drainage were brought together on the international platform of New IBNet the Chairman added.

New IBNet is providing its services to 93 water utilities around the world and helping water bodies to improve their services through workshops



and webinar sessions. New IBNet will also compare all water utilities in Pakistan and suggest customized solutions to adopt better managerial practices. The data of each water utility will be transferred into knowledge in order to achieve the best performance Chairman PWON Syed Zahid Aziz further explained in his press release.

New IBNET team will provide step by step guide for new members and ease the registration process for all the member utilities of PWON. Discover how this platform facilitates data exchange among PWON members for better collaboration and informed decision-making. Mr. Marco Antonio Agüero from IBNET explained in the meeting.

Pakistan Water Operators Network arranges successive meetings with New IBNET an organization works for World Bank for water and sanitation utilities. Chairman PWON Syed Zahid Aziz presided over the session joined by all the country's water /sanatic utilities representatives including the water and sanitation agencies of Punjab province.

Mr. Marco Antonio Agüero from IBNET explained in the meeting.

PWON 22nd Steering Committee

With the support of UNICEF Pakistan, PWON hosted its 22nd Steering Committee Meeting at Pak China Friendship Centre, Islamabad, led by Chairman Syed Zahid Aziz. Member utilities from all across Pakistan joined the event, expressing their admiration for PWON's achievements. The meeting involved leaders in water sharing experiences and insights on water and sanitation (W&S), acknowledging the importance of efficient water and sanitation services in the society and attached benefits. Mr. Saqib Raza from Water and Sanitation Agency (WASA) Faisalabad gave presentation on current water supply and a new strategy involving several projects funded by AFD, JICA,



DANIDA, and UNICEF. The key elements of this strategy are to draw drinking water from surface water sources and to return treated wastewater to these sources, ensuring the conservation of groundwater in the province.

Dr. Imran Durrani from WASA Quetta highlighted the background and purpose of water and sanitation management in Quetta, the impacts of climate change on the region and the key legislations and policies in place. He discussed the challenges in operation and maintenance, provided a water balance for the Quetta Alluvial Aquifer for 1999-2000 and 2004 and outlined surface water sources and supply interventions. He noted water abstraction by other departments in 2021, projected population growth and water demand and shared a stream order map and surface water supply plan. He also addressed the major sources of drinking water, the declining water levels, wastewater management, and proposed a way forward.

Participant of meeting made several suggestions to the chairman to enhance the annual subscription fee for major water utilities and rationalize the fee for smaller utilities. Authorize PWON to utilize its resources and services to enhance its financial base. The chairman of PWON agreed to these proposals. As a way forward, PWON will explore possibilities for assignments such as WOPs training and capacity building sessions to increase its revenue and optimize resources for financial sustainability.



Memorandum of Understanding (MOU) between PWON and New IBNET



In continuation of the preceding meetings a formal Memorandum of Understanding (MoU) signed between PWON and New IBNET, a subsidiary of World Bank for water and sanitation utilities. On behalf of PWON Chairman Syed Zahid Aziz and Mr. Marco Agüero from New IBNET signed the agreement

and virtually handed over copies of the MoU document. In light of the MoU, PWON will pass New IBNET access to services for all member water utilities in Pakistan. This includes membership and dashboard access for all water utilities enabling them to share their data and perform comparative analysis how well different institutions perform.

Additionally New IBNET will help in organizing educational events such as workshops and training sessions focusing on providing advanced trainings for addressing water related issues in Pakistan and learning from the best institutions worldwide. All water utilities in Pakistan will be eligible to join this platform

and quality to get training.

This agreement aim to enhance the capabilities and performance of water utilities.



New IBNET also expressed willingness to hold a webinar sessions and all member utilities in Pakistan will be invited.



PUNJAB AAB-E-PAK AUTHORITY



International Water Expo

Punjab Aab e Pak Authority (Aab-e-Pak) supported and participated in the three day international Pakistan exhibition on water and energy from 25 October to 27 October 2023 held at the expo center Lahore. A large number of International and local organizations primarily from water supply

and drainage sector exhibited advanced and innovative equipment for water and sanitation solutions. The notable dignitaries including Governor Punjab, the Minister of Housing and Commissioner Lahore along with H. E Polish Ambassador to Pakistan visited the Aab e Pak authority display at the expo and extended appreciation for demonstration of models of the projects. The visitors were briefed

about the innovative interventions Aab-e-Pak introduced such as introduction of surface water treatment projects, solar powered mobile water filtration and Ultra filtration hand pumps in the deprived locations of Punjab province. The participants emphasized on the adoption of modern and innovative technology in the water and energy sector to meet the challenges.

Meeting with Polish Ambassador

A proud moment for the water sector fraternity in Pakistan. After visiting the Punjab Aab e Pak stall in the water exhibition held in October 2023 at Expo center Lahore the Polish Ambassador to Pakistan Maciej Pisarski honored Chief Executive Officer Syed Zahid Aziz with an honorary shield along with the Polish Souvenir. H.E. also appreciated the Engineers and technical staff of Aab e Pak Authority for bringing the innovative water solutions to

meet water challenges. The Polish embassy also conducted a workshop on modern and advanced Water Filtration Technologies for the participants within the expo center. In the bilateral meeting with CEO Aab e Pak Authority Polish Ambassador showed intentions to support Pakistan in tackling floods and secure access to safe drinking water practices through modern filtration technologies.



MOU with Korean ATR



A partnership with a Korean organization in drinking water projects in Punjab. Memorandum of Understanding signed between the Korean organization ATR and the Punjab Aab Pak Authority in this regard. Syed Zahid Aziz, Chief Executive Officer on

behalf of Punjab Aab e Pak Authority and Ms. Yeonwoo Park, Managing Partner from Korean organization ATR, signed the agreement. The Memorandum of Understanding ceremony was held at the Punjab Aab e Pak Authority Head Office, Lahore. In light of the MoU, the Korean organization will commence work on more than 350 safe and healthy drinking water projects in Punjab. The MOU also covers the operation and maintenance of those projects which will also be carried out by the Korean organization for the ten years. The Korean Institute will also set up a training program for the capacity building of staff related to the water sector of Aab e Pak

Authority. It will further help in introducing green and innovative technologies to achieve sustainability of projects of the water sector. The cooperation of an proficient international organization in the completion of water projects in Punjab will be welcomed and beneficial, Chief Executive Officer Punjab Aab e Pak Authority Syed Zahid Aziz expressed. The participants includes Mr. Jeong Chang CEO ATR, Mr. June Lee Manager ATR, and a representative of UN Habitat Pakistan Syed Abu Bakar from the Korean delegation. Other participants comprise of DG Projects Mamoon Riaz and Director Procurement Zohaib Butt from Punjab Aab e Pak Authority.

Meeting with UNICEF Mission



In a virtual meeting, the Punjab Aab e Pak Authority and Unicef mission briefly discussed the overall groundwater conditions in the country for drinking purposes to further extend the collaboration. Chief Executive Officer Syed Zahid Aziz addressed areas such as groundwater governance, integrated water resource management, nature based groundwater recharge and sustainable solutions for brackish areas located in northern and southern parts of Punjab province. Unicef mission led by Mr. Jay Matta was briefed about the implementation of innovative drinking water projects administered by Punjab Aab e Pak Authority with Government and UNICEF financial support. On the occasion, Ms. Asiya Choudary and Ms. Sabahat Ambreen Wash specialist from Unicef and Mr. Aamir Khaleeq Director of Projects South and Mr. Zohaib Butt Director of Procurement from Punjab Aab e Pak Authority participated.



Meeting with Water Aid UK



A delegation from Water Aid UK visited the Punjab Aab e Pak Authority Head office in Lahore. The distinguished guests were briefed on the ongoing and potential water projects of Aab e Pak Authority by the CEO Syed Zahid Aziz in his office. In the brief of the meeting the rates of drinking water in the rural areas managed by the Punjab Rural Water Supply Company discussed to assist them in compiling of their report. Water Aid has been tasked to compile a report on drinking water consumption based on credential data and recommending of prospective tariff for the provision of clean drinking water in rural areas. The discussion further stretched on various interlinked topics such as water consumption behavior in rural and urban populations and different modes to reduce water wastage such as the installation of water meters and utilization of surface water for drinking purposes after required filtration.

World Water Day

On the occasion of World Water Day, a joint collaborative event was organized at the Punjab Aab e Pak Authority head office in Lahore. Chief Executive Officer Syed Zahid Aziz along with senior officials from Helping Hands Pakistan (NGO) including regional project officer Ali Hassan Dogar and Numan Akhtar Project Coordinator graced the event. The



participants delivered speeches emphasizing on the importance of water in our lives and encouraged the concept of water conservation. In the end, honorary shields were presented to the best performers especially to acknowledge their work in flood-affected areas during the catastrophic floods that happened in 2022-23 in Pakistan hit badly the southern part of the Province.

Construction of Distribution Center, Rehabilitation of Old Jhal Khanuana Water Treatment Plant (JICA Grant-in-Aid)

The project envisages the capacity enhancement of the Old Jhal Khanuana Surface Water Treatment Plant from 3.5 MGD to 10 MGD as per Master Plan 2018-38. It also includes laying of a 4.1 km transmission line

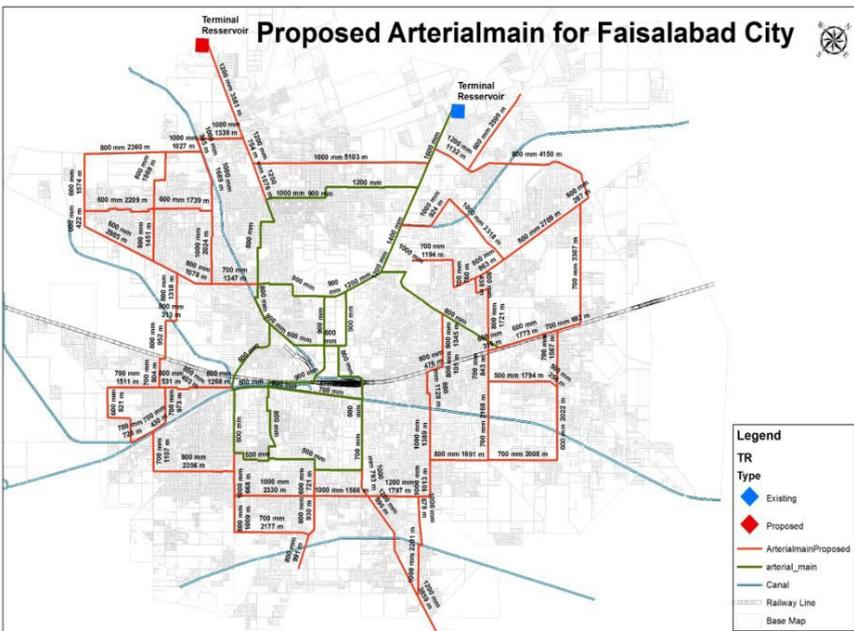
besides construction of two ground reservoirs and two overhead reservoirs. The project is estimated to cater about 0.2 million population to be benefited after completion.



Construction of Arterial Main, Secondary and Distribution network in Eastern part of Faisalabad City

This project is linked with the AFD funded project "Extension of Water Resources for Faisalabad City (Phase-II)" as a local component having estimated cost of Rs.7478 millions funded by Government of the Punjab. After final approval by PDWP, the project is already underway. Consultant selection is

already completed and pre-qualification of contractions is currently ongoing. The water supply network to be laid under this project will carry the treated water from Surface Water Treatment Plant to be established under the AFD funded project to the main Faisalabad city.



EU Capacity Building Project for Performance Improvement of the Faisalabad and Lahore Water and Sanitation Agencies

It is a technical assistance project coupled with acquisition of IT equipment aiming at capacity building of WASA Faisalabad and WASA Lahore for effective operation of water and sanitation services in the two cities. The project is funded by European Union through AFD, France, of the total amount of 7.2 million Euros and it is expected to be completed by the year 2027. The project has already been cleared by the PDWP, Punjab and has been referred to Planning Commission, Government of Pakistan for final approval through CDWP.



Installation of Solar System

The imports of Pakistan comprise one-third of fuels for energy generation, which impact the GDP and increases inflation. The improvement of energy efficiency in WASA systems through Solarization of WASA disposal stations is an initiative to counter for the increased import bill, as well as for an increasing water tariff. The water and sanitation agency consumes bulk amount of energy from the national grid due to the 24-hours operation of WASA stations associated with water supply and drainage. The burden of WASA stations on national grid can be reduced by Solarization of WASA stations and improvement of power factor.

Solarization work being executed at Terminal Reservoir WASA Faisalabad is part of a mega project of Energy Department Punjab. Total capacity of FWASA's solarization is 770 kWp which generates 1.07 million unit annually with a saving of Rs.43.1 million in electricity bills.

The project also includes installation of Energy Safety and Saving Equipment, which includes PFI Controller, Wiring, Interfacing, Capacitor Banks and Protection Hardware.



WATER & SANITATION AGENCY- FAISALABAD

Ground breaking Ceremony of Construction of Madina Town Water Distribution Center

Provincial Secretary Housing and Urban Development Mr. Sajid Zafar Dal visited the WASA Faisalabad and laid the foundation stone for the construction of Madina Town Water Distribution Center) as on 07-01-2024. In this regard, he visited the construction site in Madinah Town on Susan Road. On this occasion, Additional Secretary technical department of Housing, Urban Development Umar Farooq, DGFDA Mohammad Asif Chaudhry, Managing Director WASA Mr. Aamer Aziz and other officers were also present.

On this occasion, Project Director Kamran Raza briefed the Provincial Secretary about the project. Talking to the media, Provincial Secretary Housing Mr. Sajid Zafar Dal said that the construction of Madina Town Water Distribution will provide clean drinking water to more than 120,000 people and provide quality water services to the citizens of Faisalabad. The efforts of the administration are commendable. He urged to complete the construction project of the distribution center as per the schedule.

Managing Director WASA, Mr. Aamer Aziz said that the cost of water distribution Madina Town project has been estimated at 785 million rupees, on which the Japanese company is doing its work as per the schedule and this project will be completed within the stipulated period. He further said that under

the Water Distribution Improvement Project, three new overhead reservoirs and two ground reservoirs will be constructed in the city, while the completion of the project will provide quality water services to various populations in the eastern part, resulting in citizens the need for clean drinking water supply will be met.



WATER & SANITATION AGENCY- MULTAN

Sustainable Initiative Harnessing Solar Power at Suraj Miani Disposal Station

Water and Sanitation Agency (WASA) Multan is set to embark on a ground breaking sustainability initiative by installing a 763-kw solar power system at the Suraj Miani Disposal Station valued as approximately 175 million PKR. This forward-thinking project is made possible through collaboration with the Punjab Energy Efficiency and Conservation Agency (PEECA), marking a significant stride towards cleaner and more environment friendly waste management practices.

Under this model, a dedicated contractor will take charge of installing the solar power system and overseeing its operations for

the first year. This contractor will assume responsibility for maintenance during this period, ensuring optimal performance and efficiency. Importantly, WASA Multan's team will work collaboratively with the contractor throughout the first year, gaining valuable insights and hands-on experience in managing the solar infrastructure. The attachment of WASA's team to the contractor during the initial operation and maintenance phase serves a dual purpose. Firstly, it facilitates knowledge transfer, allowing WASA personnel to familiarize themselves with the intricacies of the solar power system. Secondly, this training period ensures that, once handed over to WASA Multan, the system can be seamlessly integrated into their operations, fostering self-sufficiency in managing the solar infrastructure.

The decision to harness solar energy at Suraj

Miani reflects WASA Multan's commitment to reducing its carbon footprint and embracing renewable energy solutions. The 763-kw solar system is poised to have a transformative impact on the disposal station's energy consumption, providing a sustainable and eco-friendly alternative to traditional power sources.

One of the key benefits of this solar installation is its potential to substantially reduce energy costs for the Suraj Miani Disposal Station. Solar power is a clean and abundant resource, offering a reliable and cost-effective solution for powering essential operations. By tapping into solar energy, WASA Multan demonstrates a farsighted approach that aligns with global efforts to transition towards sustainable and greener energy practices.

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PEECA's involvement in this project underscores the importance of collaborative efforts between governmental bodies and agencies in promoting renewable energy initiatives. The support provided by PEECA not only facilitates the implementation of solar power solutions but also serves as a model for other municipalities to follow in adopting environmentally responsible practices.

The Suraj Miani Disposal Station, being a critical component of the city's wastewater management infrastructure, plays a pivotal role in maintaining public health and environmental hygiene. The integration of solar power at this facility showcases the potential for synergies between wastewater management and renewable energy solutions, creating a harmonious balance between urban development and environmental conservation.

This initiative contributes to Pakistan's broader commitment to meet its renewable energy targets, fostering a sustainable and resilient future. It also sets an example for other local authorities to explore similar projects, fostering a culture of innovation and environmental responsibility in the realm of public services.

In conclusion, WASA Multan's decision to install a 763-kw solar system at Suraj Miani Disposal Station is a laudable step towards a greener and more sustainable future. The collaboration with PEECA underscores the importance of partnerships in driving positive change, while the adoption of solar energy at a wastewater disposal site serves as a beacon for municipalities seeking innovative solutions to address environmental challenges. This project reflects a commitment to responsible and forward-thinking practices, setting the stage for a brighter and cleaner tomorrow.

US Ambassador to Pakistan Donald A. Blome, visit to WSSP Head Office

US Ambassador to Pakistan Donald A. Blome, visit to WSSP Head Office for successful completion of Municipal Services Program in collaboration with WSSP and to continue cooperation further in the sector of water and sanitation.

Notable were also present who appreciated WSSP efforts to bring improvement in the sector of water and sanitation services for the citizens of District Peshawar including Minister for LGE&RD Department KP, Secretary for LGE&RD Department KP, Donal A. Blom US Ambassador to Pakistan and CEO & Senior management of WSSP.

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1.1 US AID Municipal Services Program (MSP)

To improve the service delivery of municipal services, particularly water and sanitation infrastructure, WSSP established a Project Management Unit (PMU) responsible for implementing projects in conformance with USAID/Pakistan. The program includes Rehab/replacement of pumping machinery of TWs 140 Nos for system improvement and better service delivery. Municipal Management Information Unit (MMIU) for better record keeping, introduction and use of advance system of file system and to equipped staff with advance working tools and environment.

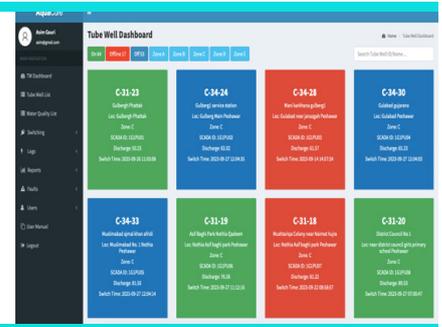
- Data Center
- ERP (Phase-1 & 2)
- IT Equipment

Construction of Workshop 01, Construction/Rehabilitation of Drains/sewer lines for enhancing the capacity of old infrastature especially related to sanitation to ensure the level of better services.



1.2 Islamic Relief Pakistan:

Through Islamic Relief Program multiple initiatives taken place such as Tube well system automation, installation of 87 SCADA system, for real time data acquisition and monitoring system. Other than that 03 number of solarization of Tube Wells for better use of resources and reduce operational cost and benefiting general public in shape of equitable access to clean drinking water.



UNICEF Pakistan:

- Community empowerment
- Rehabilitation of WASH in areas hosting Afghan refugees
- Improvement in Water Supply Network of Afghan Host Communities
- WASH in Schools (WASH Clubs 222) and related activities
- WASH committee (170) at community level
- Model streets 15 (in 2023)
- Dewats (Decentralize waste water treatment plant) at Wazir Bagh Peshawar



Establishment of decentralized waste water treatment plant at Wazir Bagh (public park), first of its kind in KP, which aiming to recycle waste water for irrigation purpose of park area around 96 Kanal, with focus on reuse and better utilization of resources.



پشاور / ڈی سٹرلائزڈ ویسٹ واٹر
ٹریٹمنٹ سسٹم / تعمیر مکمل

آلودہ پانی کے مسئلے سے نمٹنے کے لئے کئی
منصوبے جاری ہیں، شہری پانی کو سیوریج
لا سٹراور گٹروں کے آلودہ پانی سے
محفوظ بنانے کے لئے اقدامات
اٹھارے ہیں۔

- Population served = 550
- Treatment capacity = 48m³/day
- Area of the Park to be irrigated = 96 Kanal
- Total pipeline laid for irrigation system of the park = 2000m
- No. of popup sprinklers = 350
- No. of Rain guns with 90ft shoot = 4
- Command radius of each rain gun with 100ft flexible pipe = 190ft



WATER AND SANITATION SERVICES COMPANY- MARDAN

Mardan: A nine member's delegation of water and sanitation services company Mardan (WSSCM) visited a historical and renowned Municipality Budapest Water Works (BWW) at Hungary. The purpose of the visit was knowledge sharing, capacity development, exchange of technical expertise and partnership to strengthen both of the institution. The delegates inspected the various sections of the Budapest water works including complaint cell, customer services, billing and revenue, information and technology and water supply.

The delegation led by Chief Executive Officer WSSCM and Deputy Commissioner Mardan Captain retired Abdur Rahman while chief financial officer Naveed Akhtar, Manager HR and Admin Imran Afridi, Manager Planning & Projects Imran Zaman, Deputy Manager Customer Relations Rahatullah, Assistant Manager Water Supply Faraz Ahmad, Assistant

Manager Billing and Revenue Muhammad Sohail, Assistant Manager Waste Water Management Ikramullah, Assistant Manager HR Muhammad Faheem included.

Program is financed by Europe Union and implemented by Global Water Operator Partnership Alliance under UN Habitat. After passing through tough international competitive process, the project of partnership with Budapest Water Works, Water and Sanitation Services Company Mardan and Water and Sanitation Agency Lahore was approved after a two stage selection process.

CEO WSSCM Abdur Rahman said that with support of Budapest Water Works WASA Lahore and WSSCM staff will be trained in customer services training, information technology system, SCADA system and reduction of non-revenue water. He said that this program will improve the service delivery of providing clean and safe water to the citizens

of Mardan. Europe Union Water Operators program is aimed at contribution towards SDG-6. With a focus on Non-revenue water, capacity building and community awareness raising. Rahman added

German Cooperation (GiZ)

The Project will usher in improvement of water supply system in Urban Union Councils of Mardan city" He added. The Water and Sanitation Services Company Mardan (WSSCM) has installed SCADA systems in tube wells and fuel sensors in its vehicles to minimize the energy consumption with the supports of German Cooperation (GiZ). Through the energy management system, WSSCM will save an estimated 3000 units per month in electricity and 2916 liters per month in term of petrol and diesel. This a pilot project comprising of digitization of six tube well and ten vehicles for energy efficiency supported and funded by GIZ and technically supported



WATER AND SANITATION SERVICES COMPANY- MARDAN



Mardan. A group photo of WSSCM delegation with officials of Budapest Water Works during a visit to Budapest Hungary. by Center of Intelligent system and networks research (CISNR) University of Engineering and technology Peshawar (UET) under renewable energy efficiency management system (REEE) Scale-Up project.

and a monitoring dashboard. It will further improved the measurement and recording of the electricity consumption of each tube well and the water quantity in distribution system of WSSCM. GiZ also installed fuel sensors in ten fleet vehicles to reduce energy consumption.

MSSC Mardan appreciating the support of German cooperation said that efficient use of energy will reduce the current energy crisis in the country. The policy formed by WSSCM for efficient utilization of energy is being ensured. WSSCM saved approx. 30,000 units of electricity and 35,000 liters of petrol and diesel in the last year which ultimately leads to reduce and control the carbon foot prints for the sake of environment.

WSSC Mardan has approved an energy management policy for the efficient use of energy and digitization of tube wells and fleet vehicles. Apart from this, pressure gauge in six tube wells, Flow meters, VFDs, power

loggers have also been installed which will help in better utilization of the machinery. The company installed Supervisory Control and Data Acquisition (SCADA) system as a pilot project on its six tubewell located in Pirano Park, Seray Korona, town hall, Gaju Khan, Dagai, and General Bus Stand. The installation of this state of the art system will provide accurate data in term of electrical and water parameters. The data is being saved through a software

CEO WSSC Mardan Visits:

Deputy Commissioner Mardan Muhammad Mr. Fayaz Khan Sherpao who have also an additional charge of CEO WSSC visited Water and Sanitation Services Company Mardan (WSSCM). He also inspected the various sections of the company. General Manager Engineer Muhammad Khalil Akbar briefed the Deputy Commissioner on WSSCM operations and Khyber Pakhtunkhwa Cities Improvement Project progress. The Deputy Commissioner was informed that under the KPCIP project a modern Scientific Sanitary Landfill Site and Sewerage treatment plant will be established in Mardan. He said through the Sewerage Treatment Plant (STP) project the domestic sewerage connections of six urban union councils will be connected with STP for treatment and reuse of water for irrigation purpose. The Deputy Commissioner was informed that since 2016, WSSCM has received twenty seven thousand three hundred and fifty complaints in which twenty seven thousand two hundred and seventy have been resolved.

He said that WSSCM is collecting garbage on door to door basis from Mardan city, while safe drinking water is provided to five thousands consumers in urban Mardan. He was briefed that Right to Public Services Commission (RTS) declared WSSCM the best company for four consecutive times in the field of Solid Waste Management.

Deputy Commissioner Muhammad Fayaz Khan Sherpao expressed his satisfaction on the briefing and said that all the available resources will be utilized to provide best sanitation services to the citizens of Mardan.



He said that providing the best services delivery to the citizens is our top priority. Chief Financial Officer Naveed Akhtar, Manager Planning and Projects Imran Zaman, Deputy Manager Customer Relations Rahatullah, Assistant Manager Works Waqar Ali shah and Personal Secretary to Deputy Commissioner Ishtiaq Khan were also present in the meeting.





WATER & SANITATION SERVICES COMPANY ABBOTTABAD

Monitoring of All Activities

The WSSP Abbottabad vigorously monitor and execute service delivery tasks for the fulfilment of goals related to consumer satisfaction. Chief Executive Officer WSSCA Eng. Rehan Yousaf regularly visiting field to monitor operations, performance and attendance of staff as part of routine exercise.



Awareness Campaign

Water and Sanitation Services Company Abbottabad regularly arranged various awareness campaigns regarding the cleanliness of Abbottabad and proper disposal of Solid waste. The organization acknowledge the importance of proper solid waste management and sanitation for the well being of healthy community.

Forestation Drive



Water and Sanitation Services Company Abbottabad (WSSCA) participated in forestation drive started by district administration Abbottabad. The workers of WSSCA cleaned the whole area and planted more than 1,000 plants of pine to contribute in Clean Green Abbottabad campaign.



PUNJAB MUNICIPAL DEVELOPMENT FUND COMPANY

A Year of Unprecedented Progress in Punjab's WASH Sector

The Punjab Municipal Development Fund Company (PMDFC), established in 1998, celebrated its silver jubilee this year (1998-2023). Led by Syed Zahid Aziz, MD PMDFC, the company achieved unprecedented progress in 2023, marking a milestone in its history.

Over the past 25 years, PMDFC has emerged as a key player in the WASH sector in Punjab, serving as the technical arm of the Local Government & Community Development Department (LG&CDD). The company has a track record of delivering significant achievements in the sector, including the successful completion of the Punjab Municipal Services Improvement Project (PMSIP) in 104 TMAs from 2006 to 2013, for which it received the World Bank's VPU Award.

In 2023, PMDFC accomplished another milestone with the successful completion of a pilot project funded by UNICEF, focusing on the revitalization of sewage ponds through bio-remediation in villages across Punjab. Additionally, a new project supported by GIZ to strengthen local services by local governments was initiated, and several sub-projects related

to sewerage and water supply were launched under The World Bank-funded Punjab Cities Program (PCP).

Punjab Municipal Development Fund Company has been implementing The World Bank funded Punjab Cities Program (PCP) in 16 MCs with a total cost of USD 236 million. The Program aims to strengthen the performance of participating urban local governments in urban management and service delivery. Program objectives are also aligned with international development agendas like United Nation's Sustainable Development

Goals (SDGs), for sustainable, inclusive and climate-resilient development. Under the program, eligible infrastructure investments areas include Water Supply, Sewerage, Storm Drainage, and Wastewater Treatment Plants.

The Infrastructure Development (ID) section of PMDFC is working on various projects to improve municipal services infrastructure in Local Governments (LGs). So far, Project Concept-Is worth PKR 22,431 million were submitted, with an impressive PKR 17,209 million already approved. These projects include water supply, roads, parks, street lights, and sewerage, including Waste Water Treatment Plants. Details As follows

Water Supply 2,871.18	Comprehensive Sewerage System 17,554.75	Rehabilitation of Sewerage System 756.38	Strom Water Drainage System 3,231.2
Parking Shed 308.24	Roads/Pavement 7,385.04	Parks 2,173.31	SCADA 316.08
Solarization 842.68	Disaster Management 49.00	General Bus Stand 112.97	

Building Comprehensive Sewerage Systems including Waste Water Treatment Plants

In several of PCP partner cities, the sewerage systems were originally established many decades ago. During the initial phase of the PCP, PMDFC took a step in the right direction by replacing some of the aging sewer lines. However, it's evident that a major overhaul of the entire system is now imperative. To ensure its efficient functioning, the provision of a Waste Water Treatment Plant is essential. That's why the sewerage sector stands out as one of top priorities, and the PMDFC is committed to providing comprehensive sewerage solutions, including waste water treatment facilities, in 11 out of the 16 PCP partner cities, at a cost of PKR 17,554 million. This critical initiative will not only address the major issue of environmental degradation, especially the pollution of underground water, but also serve as a valuable water resource for agriculture and horticulture purposes. Additionally, it will significantly enhance the level of service delivery for municipal services in the areas served by PCP partner cities, ultimately leading to an improved quality of life for citizens. Furthermore, the implementation of this new system will result in reduced annual



operation and maintenance costs due to fewer necessary repairs in the years to come.

Water Supply Systems

Under Punjab Cities Program, water supply schemes are currently at various stages representing a significant stride towards enhancing the living standards and urban infrastructure for the residents of our partner cities. These schemes are designed to address the critical need for access to clean and reliable water sources, fostering improved living conditions and greater resilience in the face of water-related challenges.

In the city of Kamoke, an investment of Rs. 375.76 million has been directed towards the development of water supply schemes. Burewala, another partner city in this program, is set to benefit from a substantial allocation of Rs. 572.77 million. The city of Bahawalnagar is poised to witness noteworthy improvements in its water supply systems, with an investment of Rs. 718.41 million. Among the partner cities, Vehari stands out with a significant investment of Rs. 1,040.20 million. These financial commitment underscores the importance of securing a dependable water supply for the local population, a fundamental necessity for urban development and human well-being. These investments will go a long way in bolstering the water supply infrastructure, ultimately leading to more efficient water distribution and a higher quality of life for the residents.



These collective efforts exemplify our dedication to improving basic urban services, enhancing the living conditions in our partner

cities, and promoting sustainable urban development. With a focus on reliable water supply, these schemes are a testament to

PMDFC's mission to create resilient and thriving urban environments for all residents.



PUNJAB MUNICIPAL DEVELOPMENT FUND COMPANY

Storm Water Drainage Systems

Within the Punjab Cities Program, an innovative project is underway to enhance Storm Water Drainage Systems and develop Underground Rainwater Storage Tanks. This initiative is set to significantly improve the infrastructure and resilience of PCP cities, bringing positive change to urban living.

In Muridke, a budget of Rs. 200.00 million has been allocated for the development of these systems. Kamonke is set to benefit from a substantial investment of Rs. 300.00 million, while Khanewal has been earmarked for a considerable budget of Rs. 500.00 million. Jhelum's infrastructure will receive an investment of Rs. 353.00 million, and Wazirabad is allocated Rs. 275.00 million for its development. Bahawalnagar's urban landscape is set to see improvements with a budget of Rs. 200.00 million, and Vehari is scheduled for significant enhancements with a budget of Rs. 400.00 million. Daska, with the largest allocation, is receiving Rs. 1,003.20 million for these critical projects.

These investments reflect a strong commitment to building resilient and sustainable urban environments, tackling issues related to



stormwater and rainwater management, and ensuring a better quality of life for the residents of these cities. It represents a forward-thinking approach to urban development and environmental sustainability.



PUNJAB RURAL MUNICIPAL SERVICES COMPANY

World Bank Delegation Engages with Local Community to Assess Project Impact.

A delegation from the World Bank, including Country Director World Bank, Najy Benhassine, along with Deputy Country Director World Bank, Gailius Draugelis and Saman Amir, conducted a visit to the PRMSC Head office to discuss the project progress. The delegation then interacted with the local community to gather feedback and gain a deeper understanding of the project's real-world impact.



World Bank delegation reviews project progress and addresses challenges at PRMSC Head Office.

delegation, consisting of Country Director Najy Benhassine, Deputy Country Director Gailius Draugelis, and Saman Amir, visited the PRMSC Head Office to discuss the project's progress. The discussions focused on evaluating the overall progress, addressing any challenges or concerns, and ensuring that the project stays

On November 2, 2023, a World Bank





on track with its objectives and timelines.

PRMSC Infrastructure Engineers visits Bahawalnagar to boost team morale and emphasize timely completion of priority village projects.

On October 12, 2023, PRMSC Infrastructure Engineer Mr. Umair Ali visited various sites and the Tehsil Office of the PRMSC-LG&CD Department in Bahawalnagar. During these visits, he met with the PRMSC team, the consultant, and the contractor. The visit aimed to boost team morale and emphasize the importance of completing work in priority villages within the specified time frames. Ensuring infrastructure projects progress according to schedule is crucial for benefiting the communities they serve. To achieve this, project managers, contractors, and all involved parties must collaborate effectively to plan, monitor, and execute projects efficiently, maintaining a close watch on timelines and taking corrective actions as needed to keep projects on track.



PRMSC and World Bank TCAF mission assess baseline and review construction in Tehsil Bhawana, Chiniot, focusing on emission reduction and project resilience.



On October 16, 2023, PRMSC staff, in collaboration with the World Bank TCAF (Transformative Climate Asset Facility) technical mission, conducted a field visit to Tehsil Bhawana, Chiniot, to establish the baseline for the PRSWSSP PIN (Project Information Note). The primary goal was to assess the current



conditions in the villages and understand the local context to form a solid foundation for the PRSWSSP PIN, with a particular focus on emission reduction and mitigation initiatives. During the visit, potential risks and challenges were identified, and strategies for mitigation were discussed to enhance the project's resilience. CEO/PD PRMSC, Mr. Asadullah, also reviewed the ongoing construction activities at the site, assessing the quality of work, adherence to safety regulations, and compliance with project specifications. He directed the contractors to complete construction activities within the provided timelines and emphasized the importance of efficient coordination and communication among all involved parties to eliminate potential bottlenecks.

World Bank delegation visits PRMSC Head Office to review project progress and foster collaboration

On September 28, 2023, a World Bank delegation, led by Ms. Dina Umali Deininger, South Asia Regional Director for Sustainable Development, visited the PRMSC Head Office. The delegation included Ms. Nora Kaoues, Lead Agriculture Economist, Josses Mugabi, World Bank Practice Manager, and other members. The CEO of PRMSC warmly welcomed the World Bank representatives and delivered a



comprehensive presentation showcasing the extensive documentary and project progress achieved thus far. The presentation highlighted PRMSC's dedication, transparency, and accountability in project management. The documentary provided a thorough overview of the project's inception, strategic goals, and tangible outcomes to date. Detailed progress reports emphasized key achievements, milestones, and challenges, offering valuable insights into the project's trajectory. This visit not only deepened the World Bank's understanding of the project but also fostered cooperation and mutual learning, reinforcing both entities' commitment to the project's



BCCD leaders brief WaterAid, SPO JV field staff on PRSWSSP project interventions and program roles during orientation session.

On September 23, 2023, the Social & BCC Specialist/Team Lead BCCD and the Gender Specialist/Co-Team Lead attended the orientation session for BCCD field staff of M/s WaterAid, SPO JV. During the session, the staff was briefed on the project interventions of PRSWSSP and the role of the BCCD program.

