



REPUBLIC OF KENYA



WEEKLY Newsletter

October 21- 27 2023

KEWI Strengthens Collaboration with KNCCI



KNCCI President Dr. Erick Rutto and KEWI CEO Dr. Leiro Letangule after signing the MOU in KEWI Headquarters, South C Nairobi.

BY P. KIMANI & J. SUMANCHA

The Kenya Water Institute (KEWI) and Kenya National Chamber of Commerce and Industry (KNCCI) have signed a Memorandum of Understanding that sets out to establish a framework of collaboration between the two institutions.

This strategic alliance which has fortified the partnership

between the two influential entities, and which was signed into effect on October 24, 2023, marks a pivotal step towards bolstering the cooperation between KEWI and KNCCI.

KEWI's collaboration with KNCCI is a noteworthy endeavor that underscores the significance of Public-Private Partnerships (PPP) in advancing national goals. KNCCI, as the premier representative of

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KEWI Strengthens Collaboration with KNCCI



KNCCI President Dr. Erick Rutto and KEWI CEO Dr. Leiro Letangule

private sector entities collaborating with the government, plays a pivotal role in bridging the gap between businesses and government initiatives. The MOU signifies a shared commitment to enhancing this partnership, especially considering a crucial government initiative.

The Kenyan government, under the Ministry of Water, has embarked on a monumental project. It has

dams. These dams hold the potential to address pressing water resource challenges, boost agricultural productivity, and provide sustainable clean energy sources.

This undertaking, however, necessitates more than just financial investment and infrastructure development—it requires the cultivation of specialized skills and expertise. In this context, KEWI, an organization with a distinct focus on capacity building and

development is poised to have a transformative impact on the successful implementation of these dam construction projects.

Their role extends to providing training, education, and skill enhancement for individuals and organizations involved in the construction process, ensuring compliance with international standards and best practices.

The partnership between KEWI and KNCCI aligns with KNCCI's fundamental objective of establishing an effective link between private

sector organizations and the government.

By including KEWI in this collaborative effort, they are not only strengthening the alliance between the private sector and government but also guaranteeing the readiness of the workforce engaged in these vital projects.

Kisumu Campus Students Learn Beyond the Classroom Walls



Kisumu Campus students taking various programs during the academic field trips.

BY J. SUMANCHA

In its recognition of the importance of practical, hands-on learning experiences in its mission to bolster the nation's water infrastructure, Kenya Water Institute (KEWI) has continued to commit itself to educational enrichment. This is manifested in the institute's academic field trips to various key facilities in a bid to help expose its students to real life engagements.

KEWI Kisumu students taking various programs had a learning chance to visit several water utility establishments. At KIWISCO - Kasat Dunga Wastewater Treatment Plant and Conventional Wastewater Management the participants gained invaluable insights into

sustainable wastewater management practices, emphasizing environmental responsibility. When they visited SIBOWASCO - Yala Treatment Facility, students and professionals had the unique opportunity to witness advanced treatment processes in action, emphasizing the crucial role of water quality and sanitation.

At AMATSI - Mbale Water Treatment Plant, the trip showcased state-of-the-art water treatment methods, underlining the critical importance of clean water in public health. While at HOMAWASCO - Water Treatment Process and Solar Water Supply Systems, participants gain firsthand

exposure to innovative water treatment methods and sustainable energy solutions, reinforcing the importance of eco-friendly infrastructure.

The academic field trips which come at a time when KEWI is positioning itself as a competent partner with like-minded institutions and just when the institute formalize a collaborative deal with Kenya National Chamber of Commerce and Industry (KNCCI)

partnership, epitomize a comprehensive approach to capacity building and skill transfer. These initiatives showcase the potential of public-private partnerships in advancing sustainable development, economic growth, and innovation in Kenya.

As this collaboration matures and the projects advance, KEWI and its strategic partners efforts promise to contribute significantly to the development landscape of Kenya. Both the strengthened partnership and the educational field trips reflect a commitment to a brighter, more sustainable future for the nation.

KEWI and WILO East Africa Partner in the Field of Water Management and Technology



KEWI Deputy Director Research Mr. Kwamini & WILO Managing Director Belete A. Matebe in a group photo.

BY PIUS KIMANI

Kenya Water Institute (KEWI) and WILO East Africa are partnering to build bridges in the field of water management and technology. This partnership aims to enhance the water infrastructure and management capabilities in Kenya.

WILO East Africa, a regional branch of the global water solutions provider WILO Group, will bring expertise, technology and resources to help KEWI improve water supply and sanitation systems in Kenya.

The collaborations has envisaged the possibilities of implementation of advanced

water technologies which may include equipping KEWI laboratories with modern pumping technologies for purpose of capacity building and continuous knowledge dissemination.

With pumping of untreated sewage becoming increasingly demanding due to the varying feeding conditions which often lead to clogging in the pressure pipe network, the partnership will see WILO roll out innovative pressure drainage system innovation which uses Nexos Intelligence that networks, monitors and controls the individual pumping stations for reliable and energy efficient pressure drainage.

The deal will also involve various activities such as knowledge sharing, training programs, research and development. By joining forces, KEWI and WILO East Africa are working towards the common goal of improving water accessibility, quality and sustainability in Kenya ultimately benefiting the country's residents and its overall water management sector.

Under the partnership, KEWI will leverage on WILO's innovative energy efficient, high performance and sustainable technologies in water management and pumping solutions.

Moreover, this undertaking is to make clean and safe water accessible to all Kenyan citizens, promoting public health and contributing to the country's socioeconomic development while ensuring environmental sustainability through use of modern efficient and also eco-friendly water technologies.

Since its establishment in 1872, WILO has pioneered successful innovations and has established market segments across 3 areas ie Building Services, Water Management and Industry. It has a huge domination and megatrends for future potential in globalization, urbanization and

KEWI and WILO East Africa Partner in the Field of Water Management and Technology

digitalization.

In its attempt to solve the water menace occasioned by the complexity of the challenges to the urban water infrastructure, WILO realized that such required modern, holistic solutions in which urban infrastructures and many areas of life are connected with each other digitally and intelligently.

This would only be successful if monitoring, modeling and managing the vast infrastructures is intelligently connected by digital solutions.



WILO Managing Director Belete A. Matebe having a word with the KEWI team.

Quote of the Week

“Create the highest, grandest vision possible for your life because you become what you believe.”

-Oprah Winfrey.

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Round Up of the Week's Events



Engineer Evelyne Nyakundi receives a donation from United Nations Development Program (UNDP) towards a collaborative research project with KEWI on indigenous plant called Kukube that is traditionally used for water treatment.



Robin Shawyer, Director Windle Trust Internertional when he visited scholars under the organization currently training as water engineers in KEWI.

Long - Term Programmes

Diploma in Water Engineering Technology (DWET) Diploma in Wastewater
 Diploma in Water, Sanitation Engineering Technology (DWSET)
 Diploma in Water Resources Management Technology (DWRMT)
 Diploma in Irrigation and Drainage Engineering Technology (DIDET)
 Diploma in Information Communication Technology (DICT)-KNEC
 Diploma in Water Laboratory Technology (DWLT)
 Certificate in Wastewater and Sanitation Engineering Technology (CWSET)
 Certificate in Water Resources Management Technology (CWRMT)
 Certificate in Information Communication Technology (CICT)- KNEC
 Certificate in Water Laboratory Technology (CWLTL)
 Certificate in Water Engineering Technology (CWET)
 Drilling Operations and Management (DOM)
 Plumbing and Pipe Fitting (PPF)
 Water Operators Course (WOC) in:

- Water Supply
- Meter Reading
- Sewerage Operations

Short - Term Programmes

Use of Earth Observation Tools and GIS for Water Resources Management
 Entrepreneurship and Financial Management for Water Managers
 Operation and Maintenance of Water Supply Networks
 Metering and Installation of Water Supply Networks
 Leak Detection & Repair techniques
 Drilling Operations and Management (DOM)
 Operation & Maintenance of Pumping Stations
 Pump Selection, Installation and Maintenance
 Plumbing, Pipe Fitting and Solar Water Heating
 Instrumentation for Water and Wastewater Systems
 Water Governance, Management and Technology
 Application of GIS for Water Utilities Mapping
 Drilling Operations and Management
 Water Quality Sampling and Testing
 Microbiological Water Quality Assessment
 Integrated Water Resources Management
 Non-Revenue water
 Water Management
 Customer Care

Vision

A Technical Centre of Excellence in Training, Research, Innovation and Consultancy in the water, Sanitation and Irrigation Sector.

Mission

To offer Competency-Based Training, Research, Innovation, Consultancy and Outreach Services in the Water, Sanitation and Irrigation Sector for sustainable development.

Core Values

Good Corporate Governance
Professionalism
Customer Focus
Innovativeness
Inclusivity
Patriotism
Integrity

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OTHER SERVICES OFFERED

Water Quality Laboratory Services
Drilling and Test Pumping Services
Ground water Assessment Services
Conferencing Services
Troubleshooting of pumps boreholes and distribution systems
Repair of pumps boreholes and distribution systems

Your feedback is crucial for our improvement



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