

November 15<sup>th</sup> - 21<sup>st</sup> 2025

## Institute Achieves Strong Performance Ratings Amid Challenges, Records Resilient Service Delivery in PC Evaluation



Heads of divisions and departments during the recently concluded Performance Contract Evaluation exercise for the Financial Year 2024/2025 at KEWI Nairobi. Amid unavoidable constraints, the institute managed to register a “Good” rating in its Evaluation Report.

BY: PIUS KIMANI

The Kenya Water Institute (KEWI) has, amid evolving national priorities, technological changes, global environmental challenges and financial constraints stemming from cash flow issues and pending bills, achieved a “Good” rating in the Financial Year 2024/2025 Performance Contract Evaluation, marking a year of resilient service delivery.

This is after it successfully underwent its official Performance Contract (PC) Evaluation for FY 2024/2025 – marking the culmination of a

period of tangible results and measurable impact across the Water, Sanitation and Irrigation sector.

While opening the exercise and applauding the Evaluation Report at the end of the exercise at KEWI Headquarters in Nairobi, Deputy Director Research, Consultancy and Technical Services, Mr. Nelson Kwamini, on behalf of the Director confirmed that the Institute was ready to present evidence for the achievements reported in the Self-evaluation Report. Mr Kwamini indicated that the management had

### HIGHLIGHTS

- 04 KEWI and Denmark Enter Into a Landmark Partnership to Advance Nature-Based Water Solutions
- 07 Rising Participation Signals Growing Impact of Water and Sanitation Operators Challenge
- 09 KEWI and WaterFund Partner to enhance Water and Sanitation Access to Underserved Target Communities in ASAL Areas
- 10 KEWI Marks World Toilet Day with Call for Dignity, Innovation and Cleaner Public Facilities
- 12 KEWI Kisumu Hosts Short Courses to Strengthen Capacity in the Water and Sanitation Sector
- 14 KEWI Visit to the State-of-the-Art Linia Pipes Manufacturing Plant Spurs New Collaboration Prospects
- 14 Muslim Association Calls for More Support Centres for the Boy Child During Visit to Mangu Children's Home

## Institute Achieves Strong Performance Ratings Amid Challenges, Records Resilient Service Delivery in PC Evaluation

had gone out of its way to ensure that it had delivered to the best of its ability by marshalling available resources and prudently using them to drive its service delivery ahead.

“ We recognize that this rating reflects our steady progress in improving a n d expanding our strong performance and commitment to delivering on our mandate.”

While acknowledging this commendable performance, Mr. Kwamini noted that there remains room for further improvement and insisted that despite some unavoidable and unforeseen challenges that may appear to slow the service delivery pace, the institute was committed to building on the lessons learned to achieve even higher standards of service delivery and operational excellence in future evaluations.

Ms. Leah Maingi, the Lead Evaluator from the Public



*Ms. Leah Maingi, the Lead Evaluator from the Public Service Performance Management Unit (PSPMU).*

Service Performance Management Unit (PSPMU) under the State Department for Performance and Delivery Management domiciled in the Ministry of Public Service, Performance and Delivery Management, informed the members that the objective was to moderate the scores of self-evaluation as per the evidence documented.

She informed the Members that the scores from the specialized agencies will be recorded as communicated and that the Institute can appeal in case of discrepancy.

Addressing the officers who availed themselves for

the exercise, Ms. Maingi reassured them that the evaluation process was a cornerstone of public accountability, providing an objective assessment of how the institute delivered on its commitments to Kenyans.

She noted that the exercise was based on absolute honesty and goodwill and that despite there being areas that needed even more attention to help the institute score even higher, the management had shown a lot of keenness in helping the institute translate its mandate into visible outcomes on the ground.

## Institute Achieves Strong Performance Ratings Amid Challenges, Records Resilient Service Delivery in PC Evaluation

“The results registered in this evaluation are a pointer to the steadfastness and commitment of the management and hardworking spirit by the staff,” she said.

Through strategic planning, reforms, and investments, KEWI has enhanced service delivery, expanded its academic programs, improved infrastructure, and strengthened partnerships.

Among areas that the institute has continued to excel as it pursues implementation of its key mandates in the year just reviewed included rolling out Competency-Based Education and Training (CBET) programs, integrating emerging sector needs into curricula, and expanding practical training have strengthened KEWI’s academic standing.

The institute further enhanced its digital transformation as a key pillar of its strategy, with significant milestones achieved in e-



*Deputy Director Research, Consultancy and Technical Services, Mr. Nelson Kwamini. He stated that the institute had gone out of its way to ensure it had delivered to the best of its ability and drive its service delivery ahead.*

learning, ICT integration, and cybersecurity.

The institute also expanded its Wi-Fi connectivity across campuses, developed CBET courseware, established an e-learning studio, and partnered with technology leaders such as Safaricom, Danish Industries, and CultivAID to promote innovative training solutions in smart irrigation, green technologies, and smart metering.

The research and consultancy division has also secured major wins, including funding under the African Development Bank’s National Urban Water Supply and

Sanitation Program. The initiative is set to boost laboratory infrastructure, support staff training, establish an innovation hub, and promote technology transfer.

During the exercise, the institute presented key documents to guide the moderation exercise which included Performance Contracting Guidelines for the FY 2024/25, approved budget for the FY 2024/25, Annual Procurement Plan FY 2024/25, Self-evaluation Report, verifiable and documented evidence to support the reported achievements and other relevant documents deemed necessary.

## KEWI and Denmark Enter Into a Landmark Partnership to Advance Nature-Based Water Solutions



*KEWI Director/CEO Dr. Leiro Letangule, EBS and Mr. Jorgen Erik Larsen hold the Kenya Water Institute (KEWI) and the Strategic Sector Cooperation (SSC) Between Kenya and Denmark Partnership Agreement documents shortly after signing them in Nairobi.*

**BY: PIUS KIMANI**

The Kenya Water Institute (KEWI) and the Strategic Sector Cooperation (SSC) Between Kenya and Denmark on Water have today entered into a landmark Partnership Agreement that seeks to align KEWI's institutional mandate with the SSC Water Kenya work programme for Phase 1 of the SSC project.

The agreement establishes a collaborative framework that places particular emphasis on the Nature-based Solutions (NbS) component, aimed at strengthening climate resilience and promoting sustainable development within Kenya's water sector.

Anchored in the Strategic Sector Cooperation Phase 1 (2025–2027) programme, the partnership focuses on developing a comprehensive catalogue of existing and selected best practices—both Kenyan and international—on nature-based solutions for improved catchment management and enhanced aquifer recharge. This work will be undertaken in three targeted areas: Turkana, Ewaso Ng'iro/Laikipia, and Nairobi, forming the basis for practical, evidence-driven interventions in water resources management.

The signing ceremony, officiated by KEWI Director/CEO Dr. Leiro Letangule and

Mr. Jorgen Erik Larsen, marked the culmination of a series of consultative engagements initiated earlier this year. The agreement outlines the terms of cooperation between KEWI and SSC Water Kenya in areas critical to the management of surface water, groundwater, and natural ecosystems. It further establishes clear obligations for each institution as they work to deliver mutual benefits to the sector.

Under the agreement, KEWI will take lead in supporting the collection and visualisation of field data from the three selected project areas. The first field engagement took place in Laikipia in June 2025, with future activities to be

## KEWI and Denmark Enter Into a Landmark Partnership to Advance Nature-Based Water Solutions



*Mr. Jorgen addresses the attendants of the Partnership Agreement signing ceremony at Kempinski Hotel, Nairobi.*

undertaken jointly by teams from the Danish Environmental Protection Agency (DEPA), KEWI, the University of Nairobi (UoN), and other stakeholders.

KEWI will also support and facilitate training for Water Resource Users Associations (WRUAs) in the target areas, focusing on updating digital maps with additional groundwater and pollution source information.

These trainings will involve capacity building workshops on NbS and GIS mapping, culminating in KEWI presenting the collected data to WRUA members.

In addition, KEWI will contribute technical expertise, mapping insights, and visualisation of potential NbS interventions for inclusion in the NbS catalogue.

This will be done alongside the Institute for Climate Change and Adaptation (ICCA) at the University of Nairobi, which will also support the implementation of demonstration NbS projects.

On its part, SSC Water Kenya will organise missions, coordinate efforts with KEWI and the Technical Working Group, provide technical expertise on NbS, and co-organise fieldwork in the selected areas.

The programme, expected to cost approximately 100,000 DKK, will be implemented in milestone-based phases, with payments disbursed every six months upon approval by RDE/DEPA. KEWI will appoint a dedicated officer to oversee implementation under the Technical Working Group on NbS.

By the end of 2026, SSC will commence formulation of Phase 2 of the project (2028–2030), which anticipates an expanded role for KEWI. The next phase will focus on national-level curriculum development and training on NbS for WRUAs, and on strengthening training

## KEWI and Denmark Enter Into a Landmark Partnership to Advance Nature-Based Water Solutions



frameworks for borehole drillers and drilling companies. A new partnership agreement will be developed at the close of Phase 1.

The Strategic Sector Cooperation initiative, established in 2015, provides a platform for Danish development funding to strengthen partnerships between Danish public authorities and key institutions in partner countries. Through knowledge exchange, expert input, and support for policy reform, the SSC framework aims to enhance sustainable development across critical sectors. Kenya and Denmark have previously cooperated

under SSC in maritime, agriculture, and environment/waste management.

SSC Water Kenya, a Government-to-Government facility established in 2023 and formalised in 2024, builds on Denmark's long-standing involvement in Kenya's water sector since 2004. It brings together the Ministry of Water, Sanitation and Irrigation (MoWSI), DEPA,

and the Danish Ministry of Foreign Affairs, alongside other regulatory and technical institutions. The facility aims to strengthen water resources management, especially groundwater governance, with a strong emphasis on climate-resilient NbS.

This cooperation reflects a long-term commitment to mutual capacity building, development of sectoral expertise, and the establishment of sustainable water resource practices. It is expected to deliver tangible and transformative outcomes for both nations as they jointly pursue resilient and sustainable water management solutions.



## Rising Participation Signals Growing Impact of Water and Sanitation Operators Challenge



*KEWI Director/CEO Dr. Leiro Letangule, EBS and his WASPA counterpart Mr. Anthony Njaramba visit a stand shortly before officially opening the 3rd Edition of the Water and Sanitation Operators Challenge held at KEWI in Nairobi.*

**BY: PIUS KIMANI**

**K**enya Water Institute (KEWI) Director/CEO Dr. Leiro Letangule, EBS has affirmed that the water, irrigation and sanitation sector is poised for exponential growth, attributing the anticipated advancement to the preparedness and competence of sector practitioners.

Speaking during the opening of the 3rd edition of the Water and Sanitation Operators Challenge held at KEWI in Nairobi, Dr. Letangule observed that the competition has steadily gained prominence, as reflected in the increasing number of participants registering each year.

The competition is an annual event organized jointly by KEWI, WASPA and WIWAS

He urged the organisers to dream even bigger by expanding the competition and introducing more levels of challenge as a way of inculcating best practices across the water, sanitation and irrigation sector.

Dr. Letangule described the event as an important platform for inspiring excellence among water service providers, noting that the challenges provide invaluable opportunities for peer learning. With each participant bringing new technologies and innovations,

he said, the competition creates fertile ground for establishing sector standards.

His remarks were echoed by the Water and Sanitation Providers Association (WASPA) CEO, Mr. Anthony Njaramba, who expressed optimism about the future of the event due to the rising number of interested participants.

He noted that more than 20 water service providers had already shown interest in joining the next edition. Mr. Njaramba further highlighted the competition as an opportunity for students to showcase their skills and contribute to sector-wide benchmarking initiatives.

## KEWI Marks World Toilet Day with Call for Dignity, Innovation and Cleaner Public Facilities

KEWI, though a TVET institution, has been consistently participating in the competition alongside major sector players, a practice that has strengthened its capacity and visibility. During the closing ceremony, KEWI Deputy Director of Academic Affairs, Mr. Eric Wamiti, told participants that the competition was gaining traction at a pivotal moment when the institution was rolling out the Competency-Based Education and Training (CBET) curricula. He noted that KEWI had already begun implementing the new curriculum, which places emphasis on practical skills and competencies, mirroring the realities of industry practice. Mr. Wamiti praised KEWI's participation, describing it as a testament to the quality of training offered and reaffirming the institute's commitment to becoming a hub for innovation and professional growth.

This year's three-day competition attracted participants from 10 water service providers, including KEWI, who competed across



*Ms. Michelle Nanjala, a participant from KEWI keys in data during the Water Quality Laboratory Challenge. KEWI Team won in this category. Below, a team participates in a Water Distribution Challenge.*

five categories. In the Water Distribution Challenge, participants demonstrated their skills in disassembling, reassembling and installing pipes to elevated tanks and customer points – key competencies that reflect their understanding of pump installation and water supply processes. The Non-Revenue Water Challenge tested the teams' ability to calculate flow rates and assess bulk meters using ultrasonic flow meters. In the Laboratory Challenge, competitors carried out jar tests, chlorine tests and quality assurance procedures.

Teams also participated in the

Work Safety Challenge, where they showcased first aid techniques, and the Sanitation Challenge, which examined their knowledge in handling protective equipment, equipment maintenance, emergency response and record keeping.

During the award ceremony, KEWI participants showcased outstanding resilience, emerging winners in the Laboratory Category. Mavoko Water and Sanitation Company Limited clinched the overall winner's trophy, followed by Nyeri Water and Sanitation Company Limited as first runners-up, while Karuri Water and Sanitation Company secured the second runners-up position.



## KEWI and WaterFund Partner to enhance Water and Sanitation Access to Underserved Target Communities in ASAL Areas

BY: FREDRICK OTIENO

The Kenya Water Institute (KEWI) in collaboration with the Kenya Water Sector Trust Fund (WaterFund) recently embarked on a joint initiative to promote Sustainable Management and Access to Water and Sanitation Services in arid and semi-arid lands. The program is intended to address water supply gap in ASAL areas by addressing pertinent issues affecting water services including climate change, insufficient rainfall, population growth, poor water infrastructure, and over-reliance on limited water sources.

As the training consultant in the period 2025/2026, the KEWI will lead the design of a sustainable water governance and management training manual that recognizes the role of various stakeholders including the County Governments and management committees.

In conformity with the constitutional requirement that places the management of water resources on the County Government, the design acknowledges that community water projects in ASALs are still under management committees despite water being a devolved function as per the fourth schedule of the Constitution of Kenya 2010.



*Deputy Director Research, Consultancy, and Technical Services Mr. Nelson Kwamini addresses participant from KEWI and WaterFund during a workshop on Sustainable Management and Access to Water and Sanitation Services in Arid and Semi-Arid Lands at Kisumu Campus.*

The program will therefore accelerate the transfer of rural community water projects to County Governments or provide a definitive guide for amalgamation of these entities to run under large water service providers for commercial viability and sustainability.

The capacities of rural communities will be enhanced for sustainable management, operation and maintenance of the water schemes. Consequently, the training focus will be on acquisition of basic skills and knowledge in integrated water supply management, water governance, leadership, conflict management, process documentation, financial management, procurement and technical skills.

Thereafter, the institute will provide a framework for implementation of the training manual with complementary

frameworks and approaches such as the rights-based approaches, Constitution of Kenya, draft national water policy (2017), water services strategy, guidelines for management of rural water schemes and regulatory frameworks developed by the Water sector institutions.

At the implementation stage, it is envisaged that the training manuals will be refined for effectiveness and impact to each target group. Speaking during the opening ceremony at the Kisumu Campus, the Deputy Director Research, Consultancy, and Technical Services Mr. Nelson Kwamini affirmed KEWI's leadership in capacity development in the Water sector.

"The institute will immediately embark on developing manuals that will define the scope, methodology, case studies and mainstream approaches relevant to each target group as well as uniqueness and type of water scheme. The synergy between the tailor-made trainer's manuals, experience and adaptive capacity of the trainers will cultivate the training impact", the DDRCTS noted.

## KEWI Marks World Toilet Day with Call for Dignity, Innovation and Cleaner Public Facilities

BY: FAITH TAUNET

*"A toilet is not just a toilet; it's a lifesaver, dignity-protector, and opportunity-maker." - United Nations.*

The Kenya Water Institute (KEWI), in collaboration with the Sewer Alternative Providers Association (SAPA), on Tuesday commemorated World Toilet Day 2025 under the global theme "We'll Always Need the Toilet."

The event, held at KEWI underscored the enduring importance of safely managed sanitation and the need to invest in climate-resilient and inclusive systems that protect both people and the environment.

This year's World Toilet Day theme highlights the ongoing global challenges that strain sanitation systems, including aging infrastructure, climate pressures, insufficient investment and rising demand.

The campaign draws attention to the reality that access to proper toilets remains a basic human need.

Without it, millions, especially the poorest, and particularly women and girls,

continue to face risks of disease, indignity and environmental harm.

At the KEWI event, KEWI Marketing Officer and Events Coordinator Ms. Purity Kerubo emphasized that sanitation work should never be viewed with shame.

She noted that the sanitation industry offers many opportunities, from emptying and transporting waste to recycling it into useful products. Ms. Kerubo encouraged students and workers to embrace the sector as a field full of innovation, growth and purpose.

SAPA Secretary and mobile toilet pioneer Ms. Mary Muriuki also addressed participants, engaging wastewater students in discussions about improving sanitation practices. She urged them to explore not only local opportunities but also international careers in sewage management, commonly referred to as black-water treatment.

Ms. Muriuki pointed out that one of the biggest challenges facing sanitation workers is the negative perception from the public, which often undermines the



*Sewer Alternative Providers Association (SAPA) Secretary Ms. Mary Muriuki, KEWI Marketing Officer and Event Coordinator Ms. Purity Kerubo and Water and Sanitation Providers Association (WASPA) CEO Mr. Anthony Njaramba pose for a photo during the World Toilet Day 2025 celebrations at KEWI, Nairobi.*

## KEWI Marks World Toilet Day with Call for Dignity, Innovation and Cleaner Public Facilities

dignity of those who play a crucial role in maintaining public health. She further noted that many casual labourers in the industry face arrests due to a lack of formal certification or legal permits required by regulatory authorities.

During the event, KEWI trainer Eng. Mercy Khamonya encouraged workers to consider professional training to strengthen their skills and protect their livelihoods. She highlighted the Recognition of Prior Learning (RPL) program, which allows experienced workers, especially those without academic qualifications, to formalize their knowledge and earn industry-recognized certificates. This, she explained, not only enhances their competence but also shields them from legal challenges related to compliance.

Engineer Evelyne Nyakundi, a KEWI trainer, emphasized that waste is not merely a by-product to be discarded but a valuable resource. She explained that when properly managed, waste can be transformed into biogas, fertilizer and other beneficial



*Eng. Mercy Khamonya addresses the World Toilet Day celebration participants at KEWI Nairobi.*

products. Nyakundi reiterated the need for sanitation workers to seek certification, both for credibility and to avoid conflicts with regulatory bodies.

One of the standout moments of the event was the launch of the Bloo Toilets Awards, an initiative spearheaded by Ms. Muriuki, the founder of Bloo Toilets.

The awards were introduced to motivate institutions across Nairobi to uphold high hygiene standards in their public restrooms.

Various facilities, including churches, county toilets, hospitals, malls, markets, police stations and public buildings, were assessed, and the cleanest toilets in each category received the Certificate of Toilet Excellence. This year, All Saints Cathedral, the Bus Station public toilets, Mama Lucy

Hospital, Milimani Law Courts, Sarit Centre, Muthurwa Market, Kamukunji Police Station and Huduma Centre Makadara emerged top in their respective categories. Overall,

churches and malls performed best in maintaining clean and well-managed sanitation facilities.

The event reinforced the message that clean toilets are not a luxury but a necessity for public health, human dignity and environmental preservation. KEWI and SAPA reiterated their commitment to advancing professional standards in the sanitation sector and encouraging the public to view sanitation work with the respect it deserves.

As the world reflects on the 2025 theme *"We'll Always Need the Toilet,"* KEWI and its partners continue to champion a future where sanitation systems are modern, resilient and inclusive, and where every community has access to clean, safe and dignified toilet facilities.

Their rallying slogan remains clear: **Clean Toilets Everywhere.**

## KEWI Kisumu Hosts Short Courses to Strengthen Capacity in the Water and Sanitation Sector



*A session of one of the short course training at Kisumu Campus.*

**BY: BRITNEY MOKEIRA**

The Kenya Water Institute (KEWI) Kisumu Campus this week hosted a series of capacity-building short courses aimed at enhancing the competencies of professionals working within the water and sanitation sector.

These ongoing professional development programmes that have been long offered by KEWI as part of its commitment to professional development attracted participants from various water utilities and allied institutions across the region. The courses were officially opened on Monday by the Kisumu Campus Principal, Madam Everlyne Orwa, who

emphasized the importance of continuous learning in improving service delivery and sustaining sector reforms. Her address highlighted KEWI's dedication to equipping practitioners with updated skills and knowledge to address both existing and emerging challenges in the water sector.

Among the key courses conducted was Metering, Billing, and Revenue Collection, a crucial area for ensuring the financial stability of water service providers. Participants were taken through practical approaches to accurate meter reading, modern metering technologies, efficient billing systems, and strategies for

boosting revenue collection. The training also explored ways to minimize non-revenue water and enhance customer service by ensuring transparency and accuracy in billing processes. By strengthening the capacity of staff in these areas, KEWI aims to support utilities in improving their financial performance and overall operational sustainability.

Another important course offered during the week was Data Management in the Water Sector, which underscores the central role of data in effective decision-making and planning. Participants were introduced to modern methods of data collection, storage, analysis, and reporting. The course also

## KEWI Kisumu Hosts Short Courses to Strengthen Capacity in the Water and Sanitation Sector



*Participants of various short courses programs in a group photo at Kisumu Campus.*

covered digital tools used for mapping water infrastructure, tracking service delivery indicators, and monitoring water quality. As the water sector increasingly embraces automation and digital transformation, the training equips professionals with the skills necessary to handle data responsibly and use it to enhance operational efficiency.

The week also featured extensive sessions on Operation and Maintenance of Water Supply Systems, targeting technical staff involved in ensuring the reliable distribution of clean water. Through hands-on training, participants learned about pump operation, pipeline maintenance, leak detection, troubleshooting, and asset management.

The course emphasized preventive maintenance practices that reduce system breakdowns and prolong the lifespan of water supply infrastructure. Strengthening these technical capabilities is essential for guaranteeing consistent access to safe water for communities.

Additionally, KEWI Kisumu conducted the Operation and Maintenance of Wastewater Networks course, addressing the essential but often under-resourced area of sanitation. Trainees were guided through sewer system inspection, blockage management, safety procedures, and the use of specialized equipment in wastewater handling.

The course emphasized the importance of efficient

wastewater networks in protecting public health and the environment, particularly in rapidly growing urban areas.

The successful hosting of these courses reflects KEWI's continued leadership in professional training for the water and sanitation sector.

Under the guidance of Principal Everlyne Orwa, the Kisumu Campus remains committed to nurturing a skilled workforce capable of improving service delivery and strengthening institutional performance.

As participants return to their respective organizations, they carry with them enhanced technical and administrative capacities that will contribute to the ongoing improvement of water and sanitation systems in Kenya.

## KEWI Visit to the State-of-the-Art Linia Pipes Manufacturing Plant Spurs New Collaboration Prospects

BY: SIMON NDEWENI, DERRICK MOSETI, ANITA AKENO

A growing partnership between the Kenya Water Institute (KEWI) and Linia Pipes is taking shape following a series of collaborative engagements between the two institutions. A few weeks ago, Linia Pipes management, renowned for their expertise in manufacturing and trading Polypropylene Random (PPR) and High-Density Polyethylene (HDPE) pipes, electrofusion machines and telecom ducts, held a consultative meeting at KEWI facilities to explore opportunities for joint initiatives.

The visit provided Linia's team with an opportunity to interact firsthand with the institute's service delivery frameworks across the water, sanitation and irrigation sector. By the close of the meeting, one conclusion stood out: the two institutions share a common responsibility—to equip sector stakeholders with the practical, hands-on skills necessary to meet growing demands in pipe manufacturing and related technologies.

It was agreed that this objective can only be realized if KEWI and Linia Pipes pool their strengths to address technical competencies in areas such as pipe manufacturing, quality control, training and skills development, and industrial attachments and



*A pipe making machine at the Linia Pipes manufacturing plant. KEWI and Linia Pipes are exploring possible areas of partnership.*

internships. As the discussions progressed, KEWI paid a familiarization visit to the Linia Pipes facility, where they witnessed a state-of-the-art pipe production environment in full operation.

Pipe manufacturing has evolved into a technical, highly quality-driven process, particularly for companies producing PVC manholes, HDPE pipes and compression fittings, PPR pipes, aquapumps and telecommunication ducts. Customers—including Water Service Providers, contractors, farmers and industrial

consumers—now expect products that guarantee durability, reliability and safety. Linia Pipes has met these expectations by integrating smarter technologies, diversifying its product range and strengthening its quality assurance systems, all while prioritizing sustainability within its operations.

Quality control remains the backbone of Linia's manufacturing ecosystem. The process begins with the sourcing of raw materials, where pellets are procured

exclusively from reputable suppliers to ensure consistency, efficiency and reduced defects.

Smart quality-monitoring systems track wall thickness and diameter throughout production, ensuring alignment with international standards. During in-process production, pellets undergo drying, heating, shaping and blending stages to ensure they attain the correct dimensions, colour and structural properties.

Linia Pipes minimizes production waste through the use of extrusion lines fitted with variable-speed drives,

## KEWI Visit to the State-of-the-Art Linia Pipes Manufacturing Plant Spurs New Collaboration Prospects



*The KEWI team being taken through the processes of making pipes at Linia Pipes making plant.*

energy-efficient heaters and closed-loop cooling systems that reduce water consumption. Real-time monitoring technologies installed along the production lines assess temperature, material flow, wall thickness and diameter, enabling automated adjustments that reduce defects and uphold dimensional accuracy.

At the final product stage, all pipes undergo rigorous testing at Linia's modern, accredited in-house laboratory, which supports quality assurance and compliance.

Several tests are conducted, including pressure testing to verify resistance to bursts, tensile strength tests to determine material deformation limits and impact resistance tests that assess a pipe's ability to withstand sudden shocks—critical for

underground installations. Ring stiffness and crushing tests, particularly important for PVC pipes, evaluate structural performance under soil loads. By aligning their testing procedures with national and international standards, Linia Pipes guarantees product reliability, safety and traceability.

These processes translate into reduced failure rates across water supply and sewer systems, enhanced sustainability through longer service life, compatibility with diverse fittings and valves and lower maintenance and replacement costs for users.

The facility's advanced equipment—including digital callipers, ultrasonic thickness gauges,

hydrostatic pressure machines, tensile testers, hardness testers and spectrometers—further strengthens its commitment to quality.

Linia Pipes continues to demonstrate leadership in waste minimization, smart monitoring, mechanical testing and standards compliance, ensuring that their products meet the demands of national infrastructure development.

These values align with KEWI's vision of equipping learners with industry-ready skills. As the partnership advances toward formalization, KEWI reinforces its culture of cultivating collaborations that deliver measurable and lasting impact across the water sector.



## Chiakariga Campus YCS Club Visits St. Orsola Mission Hospital

BY: KORIR KIPKIRUI

The Young Christian Students (YCS) Club of Kenya Water Institute (KEWI) Chiakariga Campus, under the guidance of their patron Ms. Esther Mutegi, together with the Christian Union (CU) and the Muslims Club, conducted a successful community outreach visit to St. Orsola Mission Hospital in Matiri, Chiakariga ward.

The team comprised dedicated staff members and enthusiastic students committed to making a positive impact in the community.

Upon arrival, the group was warmly received by the hospital's Human Resource Officer, Mr. Brian Mwenda, alongside other staff members who appreciated the institute's gesture of service.

During the visit, the students engaged in a range of activities aimed at improving the hospital environment and uplifting the spirits of patients and caregivers. They cleaned the hospital compound and pavements to help create a more welcoming and hygienic atmosphere for patients and visitors.

They also visited patients in both the male and female wards, offering words of comfort, prayer, and encouragement. A special visit to the maternity ward provided emotional support and



*Students from various religious association at Chiakariga Campus participate in a cleaning exercise at St. Orsola Mission Hospital in Matiri, Chiakariga ward during their outreach services to the community.*

motivation to mothers and expectant women.

The hospital staff expressed deep gratitude to the KEWI fraternity for their generosity and willingness to give back to society. They commended the students for embodying the spirit of service, compassion, and community responsibility.

Ms. Esther thanked the students for their discipline,

teamwork, and dedication, urging them to continue upholding the values of YCS and KEWI through such impactful activities.

The successful visit marked yet another milestone in KEWI Chiakariga Campus' commitment to community outreach and social responsibility.

## Muslim Association Calls for More Support Centres for the Boy Child During Visit to Mangu Children's Home

BY: FAITH TAUNET

"Charity and love are the same -- with charity you give love, so don't just give money but reach out your hand instead"- Mother Teresa

The Kenya Water Muslim Association (KEWMA) has urged communities and institutions to establish more boy-focused support centres, noting a growing gap in welfare initiatives targeting boys.

This call came during their 15th November 2025 outreach visit to Mangu Children's Home in Gatundu North, Kiambu County—a home that has become a rare refuge for vulnerable boys in a region where most children's institutions cater primarily to girls.

Founded in 2017 by Ustadh Hussein, Mangu Children's Home currently shelters 23 boys, offering them safety, structure, and a sense of belonging. KEWMA noted that the home's existence highlights a critical issue: the boy child is increasingly overlooked in community support programs, leaving many without the emotional, social, and educational guidance they need.



*A member of the Kenya Water Muslim Association (KEWMA) feeds a piece of cake to a young boy during a visit to Mangu Children's Home in Gatundu North, Kiambu County.*

During the visit, students from the Kenya Water Institute (KEWI) spent the day mentoring and bonding with the boys through activities designed to build confidence and nurture talent. The morning began with a lively football match, filled with mutual support and laughter, while other students prepared meals, a gesture that brought warmth both to the kitchen and to the children's hearts.

Beyond sports, the boys participated in racing competitions, showcased their discipline through Qur'an recitations, and enjoyed meaningful interactions with the visiting students.

These activities served not only as entertainment but also as a powerful reminder of how mentorship and

engagement can positively shape a child's outlook and self-esteem.

After sharing lunch, the KEWMA team encouraged the boys to stay resilient, focused, and hopeful about their futures. The day was crowned with a celebratory cake-cutting ceremony, symbolizing

unity and the joy of being seen, supported, and valued.

KEWMA emphasized that initiatives like Mangu Children's Home must be replicated across the country if the needs of the boy child are to be adequately addressed.

With many boys silently struggling and lacking safe spaces for growth, such homes provide guidance, protection, and opportunities that can shape them into responsible, confident young men.

The organization reiterated its commitment to championing the boy child, calling on communities, religious groups, and government institutions to join hands in creating more centres that ensure no boy is left behind.

## Water as Leverage Initiative Drives Key Urban Adaptation Solutions in Nakuru

BY: PIUS KIMANI

The Water as Leverage (WaL) team paid a courtesy call to the Principal Secretary State Department for Water and Sanitation, Julius Korir, CBS, to provide an update on the ongoing progress of the WaL Nakuru initiative.

The visit underscored growing momentum behind the programme, which is spearheaded by the Government of the Netherlands as part of a transformative global approach to urban climate adaptation.

WaL's methodology is anchored in holistic, inclusive, and scalable solutions that are design-led and focused on long-term sustainability and financial viability. By integrating multiple disciplines and engaging a broad spectrum of stakeholders, the initiative seeks to deliver climate-resilient urban development that responds effectively to emerging environmental challenges.

In Nakuru, the WaL programme is centred on developing innovative, bankable, and comprehensive urban water project proposals aimed at addressing the city's pressing water and climate adaptation needs.

These proposals are envisioned to be both locally and nationally supported, embedded within the



*Principal Secretary State Department for Water and Sanitation, Julius Korir, CBS, during a briefing meeting on the ongoing progress of the WaL Nakuru initiative. With him are representatives from the Embassy of the Netherlands as well as chief executives from key sector institutions*

community context, and focused on practical physical infrastructure. Their development involves extensive collaboration with local and national partners to ensure sustainable and impactful outcomes.

Three flagship projects have so far been identified under the Nakuru portfolio: the Njoro Riparian Restoration Project, the CBD Corridors Project, and the Menengai Terrace Park Restoration Project.

These initiatives aim to reduce pluvial and fluvial flooding, enhance water resources for both river systems and groundwater, improve overall water quality, and curb the amount of solid waste flowing into Lake

Nakuru. They also seek to address erosion and stability risks that threaten urban and ecological systems.

The meeting with the Principal Secretary brought together representatives from the Embassy of the Netherlands as well as chief executives from key sector institutions, including the Water Sector Trust Fund (WSTF), the Water Services Regulatory Board (WASREB), and the Water Resources Authority (WRA).

The engagement reaffirmed the shared commitment to strengthening climate resilience through collaborative and innovative water solutions, positioning Nakuru as a model for sustainable urban adaptation.

## CONTINUATION OF THE RECOGNITION OF PRIOR LEARNING (RPL) PROCESS



Following the successful implementation of the inaugural Recognition of Prior Learning (RPL) screening and assessment exercise, the Kenya Water Institute is pleased to announce the continuation of this process.

In accordance with the RPL Guidelines, the Institute will now proceed to the next phase of screenings for all interested applicants.

During this phase, KEWI RPL Counselors will engage with applicants to:

- **Provide guidance on the RPL process**
- **Review existing knowledge, skills, and work experience**
- **Determine specific areas for assessment and certification**

This is an opportunity for individuals with practical experience in the water sector to have their knowledge and skills formally recognized.

### Interested?

For inquiries and further guidance:

Call / WhatsApp: **+254 723 137 450**

Eng. Mercy Khamonya – RPL Coordinator

# Round up of The Week's Events



*Water and Sanitation Operators Challenge at KEWI Nairobi.*

# Round up of The Week's Events



Commemoration of World Toilet Day 2025 at KEWI Nairobi.

# Round up of The Week's Events



*Tree Planting Exercise by Chiakariga Campus to commemorate World Toilet Day 2025.*

# JANUARY 2026 INTAKE ANNOUNCEMENT



## MINISTRY OF WATER, SANITATION & IRRIGATION KENYA WATER INSTITUTE

### KENYA WATER INSTITUTE INVITES APPLICATIONS FOR ADMISSION

Kenya Water Institute invites applications for January 2026 intake for the programs offered in Nairobi campus and the satellite campuses of Chiakariga, Kitui, and Kisumu. The KEWI programs are modularized, allowing flexibility within the Competency-Based Education and Training (CBET) Framework. Applicants **MUST** indicate their preferred campus in the application form.

PROGRAM TITLE	Minimum Requirements	CAMPUS
<b>NATIONAL DIPLOMA – KNQF LEVEL 6 – 3 YEARS</b>		
1. Diploma in Water Engineering Technology (DWET) 2. Diploma in Water Resources Management Technology (DWRMT) 3. Diploma in Irrigation and Drainage Engineering Technology (DIDET)	a) Kenya Certificate of Secondary Education (KCSE) mean grade C- (minus) b) Craft Certificate KNQF Level 5 in a related field OR c) Equivalent qualifications as determined by Kenya National Qualifications Authority (KNQA)	Nairobi Kitui Chiakariga Kisumu
4. Diploma in Wastewater and Sanitation Engineering Technology (DWSET) 5. Diploma in Water Laboratory Technology (DWLT) 6. Diploma in Information Communication Technology (DICT)- KNEC	d) <b>KNEC CERTIFICATE FOR CICT</b>	Nairobi
<b>CRAFT CERTIFICATE KNQF LEVEL 5 – 2 YEARS</b>		
7. Certificate in Water Engineering Technology (CWET) 8. Certificate in Water Resources Management Technology (CWRMT) 9. Certificate in Irrigation and Drainage Engineering Technology (CIDET)	a) Kenya Certificate of Secondary Education (KCSE) mean grade D+ (Plus) OR b) Artisan Course KNQF Level 4 qualification in a related field OR c) Equivalent qualifications as determined by Kenya National Qualifications Authority (KNQA)	Chiakariga Kitui Kisumu
10. Certificate in Wastewater and Sanitation Engineering Technology (CWSET) 11. Certificate in Water Laboratory Technology (CWLT) 12. Certificate in Information Communication Technology (CICT)- KNEC		Nairobi
<b>ARTISAN CERTIFICATE KNQF LEVEL 4 – 1 YEAR</b>		
13. Plumbing and Pipe Fitting (PPF) 14. Wastewater Operators 15. Irrigation and Drainage Systems 16. Drilling Operations	a) Kenya Certificate of Secondary Education (KCSE) OR b) KNQF Level 3 Qualification in a related field OR c) Equivalent qualifications as determined by Kenya National Qualifications Authority (KNQA)	Nairobi Chiakariga Kitui Kisumu
		Nairobi

#### MODE OF APPLICATION

Application forms can be obtained from Kenya Water Institute, Nairobi South 'C', Chiakariga, Kitui and Kisumu campuses; or downloaded from KEWI website. A non – refundable application fee of Kshs 1,000.00 should be paid using this link. <https://www.kewi.go.ke/application-payment-process>

Applications should be addressed to the **DIRECTOR, KENYA WATER INSTITUTE, P. O. BOX 60013 -00200 NAIROBI**. Applications to reach not later than **22<sup>nd</sup> December, 2025**. Attach photocopies of Academic Certificates, National ID card and original application fee receipt.

Foreign students to add 20% on all charges. For enquiries: Nairobi - 0722 207 757, 0735339206, Chiakariga – 0729009104, Kitui 0707 566 395 Kisumu – 0746212708 **Persons with disability and female students are encouraged to apply**

**TUTION FEE PER SEMESTER**: DIPLOMA PROGRAMMES: KSHS, 31,300/=

CERTIFICATE AND ARTISAN PROGRAMMES: KSHS, 30,000/=

**OPENING DATE FOR FIRST YEAR STUDENTS, FIRST SEMESTER IS ON 6<sup>TH</sup> JANUARY, 2026**

# 37TH GRADUATION CEREMONY ANNOUNCEMENT



MINISTRY OF WATER, SANITATION & IRRIGATION  
KENYA WATER INSTITUTE

## INTERNAL MEMO

**FROM:** SENIOR PRINCIPAL REGISTRAR

**TO:** ALL STUDENTS

**Ref:** KEWI/TRA/4/4 (81)

**DATE:** 17<sup>TH</sup> NOVEMBER, 2025

### SUBJECT: COLLECTION AND RETURN OF GRADUATION GOWNS

This is to inform all graduands that the collection of graduation gowns will be done as follows at Water Resource Centre Partition

Diploma Graduands: Monday, 24<sup>th</sup> November 2025

Certificate Graduands: Tuesday, 25<sup>th</sup> November 2025

Artisan Graduands: Wednesday 26<sup>th</sup> November 2025

Please note that graduands are not required to return the gowns on the same day after the graduation ceremony. The official gown return period will be from Monday, 1<sup>st</sup> December 2025 to Friday, 9<sup>th</sup> December 2025.

Any gown returned after 9<sup>th</sup> December 2025 will attract a late return penalty of Ksh. 1,000 per day until returned.

Your cooperation in adhering to these dates and guidelines will be highly appreciated.

**Emily Chepkoech, Ph.D.,**

**Ag. SENIOR PRINCIPAL REGISTRAR**

Director to see file copy

CC- DDAA

DDCS

DDRC&TS

Academic HoDs

Campus Principals

# 37TH GRADUATION CEREMONY ANNOUNCEMENT



MINISTRY OF WATER, SANITATION & IRRIGATION  
KENYA WATER INSTITUTE

## INTERNAL MEMO

**FROM:** SENIOR PRINCIPAL REGISTRAR

**TO:** ALL STUDENTS

**REF:** KEWI/TRA/4/7 VOL XI (31)

**DATE:** 20<sup>TH</sup> NOVEMBER, 2025

### SUBJECT: FINAL GRADUATION LIST

The institute is set to hold its 37<sup>th</sup> graduation ceremony on 28<sup>th</sup> November, 2025. This is to inform all students to clear all outstanding and graduation fees in order to be included in the final graduation list which is now available in the institute website.

#### **Fee clearance**

All prospective graduands are advised to clear all fee balances with the institute by Tuesday 25<sup>th</sup> November, 2025 to be included in the final graduation list. No student with a fee balance will be cleared to graduate.

#### **Confirmation of order of names**

Graduands are required to verify that details pertaining to the spelling and order of their names are correct as they should appear in their certificates and final transcripts.

**Emily Chepkoech, Ph.D.,**

**Ag. SENIOR PRINCIPAL REGISTRAR**

Director to see file copy

CC- Deputy Director Academic Affairs

Academic HoDs

Campus Principals

## 37<sup>TH</sup> GRADUATION CEREMONY ANNOUNCEMENT



REPUBLIC OF KENYA



MINISTRY OF WATER, SANITATION & IRRIGATION  
KENYA WATER INSTITUTE

The Governing Council, Management and  
Kenya Water Institute (KEWI) Fraternity

Cordially invites you

28<sup>TH</sup>

NOVEMBER 2025

From 9.00 am

FRIDAY

37<sup>th</sup>  
Graduation  
Ceremony

KEWI Main Campus, along Ole Shapara  
Avenue, South C Nairobi

Theme:

**Empowering Water Professionals for  
Climate Resilience and Sustainable Development**

Chief Guest:

**Eng. Eric Murithi Mugaa**

Cabinet Secretary, Ministry of Water, Sanitation and Irrigation

Guests are requested to be seated at the graduation arena by 8.00 am



### Quote of the Week

*"Until you dig a hole, you plant a tree, you water it and make it survive, you haven't done a thing." – a widely-used Maathai line often cited in Kenyan resilience and catchment-restoration contexts."*

*-Wangari Maathai (environmentalist, Nobel laureate)*

### EDITORIAL TEAM

**Editor**

Dorine Eva Irungu

**Writers:**

Pius Kimani  
Britney Mokeira  
Faith Taunet  
Korir Kipkirui  
Moseti Derrick  
Fredrick Otieno

**Photographer/Designer**

Pius Kimani

### 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

## GET IN TOUCH WITH US

**The Director,**  
**Kenya Water Institute,**  
P.O. Box 60013-00200 Nairobi  
TEL: +254 722-207757  
Email: [info@kewi.or.ke](mailto:info@kewi.or.ke)  
Website: [www.kewi.go.ke](http://www.kewi.go.ke)

**For enquiries about our TVET programs**  
Contact the Registrar, Admissions Office.  
Phone: 0735339206  
Email: [admissions@kewi.or.ke](mailto:admissions@kewi.or.ke)

**KEWI Nairobi Campus**  
P.O. BOX 60013 – 00200  
Tel: 0722207757  
Email: [info@kewi.or.ke](mailto:info@kewi.or.ke)

**KEWI Chiakariga Campus**  
P.O. BOX 12 – 60215  
Tel: 0729009104  
Email: [chiakariga@kewi.or.ke](mailto:chiakariga@kewi.or.ke)

**KEWI Kitui Campus**  
P.O. BOX 1514 – 90200  
Tel: 0707566395  
Email: [kitui@kewi.or.ke](mailto:kitui@kewi.or.ke)

**KEWI Kisumu Campus**  
P.O. BOX 7825 – 40100  
Tel: 0746212708  
Email: [kisumu@kewi.or.ke](mailto:kisumu@kewi.or.ke)

## 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



[communications@kewi.or.ke](mailto:communications@kewi.or.ke)



[@kewi\\_kenya](https://twitter.com/kewi_kenya)



Kenya Water Institute



[www.kewi.go.ke](http://www.kewi.go.ke)