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## KEWI and JAEVI Mark Historic Global Skills Development Milestone: Inaugurate the Tiangong Vocational Training Hub



Director/CEO Dr. Leiro Letangule EBS (center) flanked by Director General, Technical and Vocational Education and Training Authority (TVETA), Dr. Timothy Nyongesa (on his left) and Secretary of the Education Work Committee of Jiangxi Provincial Department of Education Mr. Wu Yongming (on his right) and other officials shortly after launching the Tiangong Workshop, a state-of-the-art training center developed in partnership with the Jiangxi Applied Engineering Vocational Institute (JAEVI) of China at KEWI Nairobi.

BY: PIUS KIMANI

The Kenya Water Institute (KEWI) has taken a bold step in strengthening international collaboration in technical and vocational education following the inauguration of the Tiangong Workshop, a state-of-the-art training center developed in partnership with the Jiangxi Applied Engineering Vocational Institute (JAEVI) of China in KEWI Nairobi.

The colorful ceremony, graced by the Director General of the Technical and Vocational Education and Training Authority (TVETA), Dr. Timothy Nyongesa, and a 14-member delegation from Jiangxi Province led by Mr. Wu Yongming, brought together leaders from education, construction, and industry in a show of unity and shared purpose.

Speaking at the event, KEWI Chief Executive Officer,

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## KEWI and JAEVI Mark Historic Global Skills Development Milestone: Inaugurate the Tiangong Vocational Training Hub

Dr. Leiro Letangule, welcomed the guests and emphasized the transformative nature of the partnership. “As we inaugurate this workshop today, we are not just opening a laboratory – we are opening doors of opportunity, innovation, and international cooperation,” he said.

“Together, we are building skills, building industries, and building the future.” He noted that the collaboration reflects a shared vision to bridge critical skills gaps in plumbing, pipe fitting, water infrastructure, construction technology, and e-commerce, while aligning with Kenya’s development priorities and China’s Belt and Road Initiative.

Dr. Letangule highlighted the unique features of the initiative, including dual certification from both KEWI and JAEVI, curriculum integration, faculty development through exchange programs, and a strong governance framework. He added that students

attaining proficiency in the Chinese language would benefit from additional certification and possible placement opportunities abroad.

“This facility symbolizes our collective commitment to practical training, innovation, and industry alignment. It will enhance capacity building and open pathways for exchange programs that benefit both our institutions and our students,” he remarked.

In his address, TVETA Director General, Dr. Timothy Nyongesa, hailed the partnership as a turning point for vocational education in Kenya.

“Today marks a milestone in Kenya’s journey of skills development, one that bridges continents and aligns with both our national development priorities and the Belt and Road Initiative,” he said.

He observed that the Tiangong Workshop would directly address critical skills gaps while equipping Kenyan youth with competencies that respond to industry needs at both local and global levels. “This partnership between KEWI and JAEVI is not just about launching a laboratory or starting new programs—it is about transforming the future of vocational education,” he stressed.



*From Left: Deputy Director, Research, Consultancy and Technical Services Mr. Nelson Kwamini Dr. Letangule EBS, Dr. Nyongesa, Mr. Yongming and Mr. Yu Kai, Secretary of the Party Committee, JAEVI applaud shortly after inaugurating the Tiangong Workshop in KEWI Nairobi.*

## KEWI and JAEVI Mark Historic Global Skills Development Milestone: Inaugurate the Tiangong Vocational Training Hub



*Dr. Letangule addresses a joint meeting between KEWI and Chinese delegation at moments before official inauguration of Tiangong Workshop.*

Dr. Nyongesa underscored TVETA's mandate of promoting industry linkages through partnerships with technical and vocational institutions, emphasizing that such initiatives ensure that training is not theoretical but practical and market-driven.

"This is precisely how vocational training must evolve: industry-led, globally connected, and locally impactful," he said, noting that the Tiangong Workshop exemplifies a model that should be replicated across other training institutions.

The Jiangxi delegation, comprising officials from the Department of Education, International Economic and Technical Cooperation Co. Ltd., Jiangxi Applied

Engineering Vocational Institute, and Jiangxi Construction Limited, was recognized for their role in conceptualizing and supporting the initiative.

Dr. Letangule expressed gratitude for their commitment, noting that Jiangxi Construction had pledged to absorb graduates of the program into formal placements.

The workshop, hosted at KEWI's Nairobi campus, will initially offer Level 3 programs and short courses integrating construction technology and e-commerce, with plans to expand into a fully-fledged Overseas College serving learners across Africa.

The first cohort of students will soon be enrolled as

trainers undergo specialized instruction, paving the way for long-term sustainability.

With modern facilities and state-of-the-art equipment, the Tiangong Workshop is expected to produce industry-ready graduates, strengthen Kenya's Technical and Vocational Education and Training sector, and foster greater cooperation between Kenya and China.

As Dr. Nyongesa concluded, "The Tiangong Workshop is more than a training center—it is a bridge of knowledge, skills, and friendship between Kenya and China.

Together, we are building the next generation of skilled professionals who will shape the future of our industries and economies."

## KEWI-JICA Training Unites African Nations on Non-Revenue Water Management



Participants drawn from 10 African nations engage in a session during their training on “Strengthening Capacity for Sustainable Non-Revenue Water (NRW) Reduction in Africa” at KEWI Nairobi.

**BY: BRITNEY MOKEIRA**

The Third Country Training Program on *Strengthening Capacity for Sustainable Non-Revenue Water Reduction in Africa* opened this week at the Kenya Water Institute (KEWI), drawing participants from more than 10 African nations, including Malawi, Rwanda, Zambia, Ethiopia, and several others. The two-week intensive course marks the third cohort of this initiative, which has rapidly established itself as a vital platform for advancing knowledge and building partnerships among African water professionals.

At its core, the program seeks to address one of the

most pressing challenges in the continent’s water sector: Non-Revenue Water (NRW). This refers to the water produced by utilities but never billed to customers, either due to leaks, theft, inaccurate metering, or inefficiencies in billing systems. In many African countries, NRW levels exceed 40 percent, representing not only lost revenue for utilities but also millions of people denied access to safe and reliable water.

The just ended week of the training focused on classroom sessions and exposure visits. Here, participants engaged with a wide range of technical topics, including water supply

facilities, distribution pressure and flow management, and the concept of water balance. They also examined strategies for reducing physical water losses, improving customer meter management, and strengthening billing structures in water utilities.

A unique strength of the program lies in its emphasis on shared learning. Each country delegation made presentations on how their utilities approach non-revenue water management, the challenges they grapple with, and the innovations they are testing. These exchanges provide a rich environment for peer-to-peer learning, allowing participants to see how common challenges

## KEWI-JICA Training Unites African Nations on Non-Revenue Water Management

manifest differently.

The cross-country knowledge-sharing has proven helpful. Participants gain not only technical know-how from experts but also fresh perspectives from their peers who operate in environments as varied as sprawling cities, semi-arid rural towns, and mountainous highlands.

This diversity ensures that the lessons taken home are grounded in practical, home-grown experiences across Africa.

To bridge theory with practice, the trainees visited KEWI's state-of-the-art meter test bench, an equipment that plays a critical role in ensuring accuracy in water measurement. They also have a planned tour to the Ngethu Water Treatment Works and the Ndakaini Dam.

These site visits offered a firsthand look at large-scale water production and management systems, underscoring the practical realities of tackling water losses at both utility and infrastructure levels.

The second week of the program, scheduled to take place in Embu, will shift the



Director/CEO Dr. Leiro Letangule EBS in a group photo with The Third Country Training Program (TCTP) participants on Strengthening Capacity for Sustainable Non-Revenue Water Reduction in Africa in KEWI, Nairobi.

focus to practical field-based training at the Embu Water and Sanitation Company (EWASCO).

Here, participants will roll up their sleeves to conduct water audits, carry out meter inspections, and participate in leak detection simulations and pressure monitoring exercises. They will also shadow EWASCO professionals to observe how a leading Kenyan utility integrates infrastructure investment, technology, and community engagement to reduce non-revenue water.

This practical immersion is designed to solidify the knowledge acquired in the classroom and demonstrate how it can be applied in real-world settings.

By the conclusion of the two-week program, participants are expected to return to their respective countries equipped with sharpened technical skills, practical strategies, and an expanded continental network of colleagues. As Africa continues to face rising demand for water, the stresses of climate change, and significant infrastructure gaps, the importance of such initiatives cannot be overstated. The TCTP reflects a continental recognition that the challenges of water management cannot be solved in isolation. Instead, by coming together, sharing lessons, and learning from one another's successes and setbacks, African nations are charting a path toward more sustainable and resilient water utilities.

## KEWI Joins Regional Partners in Marking the 14th Mara Day Celebrations in Tanzania



A section of Mara River (insert) as seen from the cable-stayed Kirumi Bridge in Tanzania. Mara Day celebrations held each year to advance the preservation of the Mara River Basin.

The Kenya Water Institute (KEWI) joined regional and international stakeholders in commemorating the 14th Mara Day celebrations held in Butiama District, Tanzania. Represented by Mr. Wilson Kipkazi, a member of the Governing Council, and Ms. Dorine Eva Irungu, Head of Corporate Communications, the Institute was privileged to participate in this significant occasion dedicated to the

preservation of the Mara River Basin.

The event, observed under the theme “*Protect Mara River, preserve life (Hifadhi Mto Mara, Linda Uhai)*,” brought together policymakers, researchers, conservationists, and communities from across the region and was graced by the Cabinet Secretary for Water, Sanitation, and Irrigation, Eng. Eric Mugaa, who emphasized the shared

responsibility of protecting the Mara River.

“Protecting the Mara is not optional—it is a shared, solemn duty for Tanzania and Kenya. It underscores the river's vital role,” said Eng. Mugaa.

Mara Day, established in 2012 by the East African Community (EAC), has grown into a symbol of cross-border unity and collective responsibility. Held annually, the event reminds both Kenya and Tanzania of their

## KEWI Joins Regional Partners in Marking the 14th Mara Day Celebrations in Tanzania

obligation to safeguard the Mara River ecosystem, which forms the heart of the Mara River Basin.

During his address, Eng. Mugaa called for the adoption of nature-based solutions to enhance the resilience of the Mara ecosystem. He cited riverbank reforestation, wetland restoration, terracing, and the use of grass strips to control erosion as practical approaches that retain water, improve soil health, and restore degraded catchments. He further urged all EAC member states to invest proactively in protecting the Mara River ecosystem for the benefit of future generations.

For KEWI, participation in the celebration was an opportunity to reaffirm its unwavering commitment to sustainable water resource management. By standing alongside regional partners, the Institute underscored the importance of collaboration in conserving the Mara ecosystem, which is not only a source of water but also a lifeline for biodiversity, livelihoods, and socio-economic development.

KEWI's mandate to advance knowledge, build capacity, and foster innovation in the water sector aligns seamlessly with the goals of Mara Day. Through its training and research, the Institute continues to champion sustainable



*Mr. Wilson Kipkazi, a member of the KEWI Governing Council during the 14th Mara Day Celebrations in Butiama District, Tanzania.*

practices that ensure transboundary water resources are protected and managed effectively.

The Mara River itself is one of East Africa's most iconic waterways, flowing from the Mau Escarpment in Kenya through the Maasai Mara National Reserve into Tanzania's Serengeti National Park, before draining into Lake Victoria. Along its course, the river supports domestic water supply,

livestock, agriculture, tourism, and irrigation. It is world-renowned as the lifeblood of the Great Migration—one of the seven natural wonders of the world—sustaining millions of wildebeests, zebras, and other species in their seasonal crossings.

As the 14th Mara Day celebrations ended, the message was clear: the survival of the Mara River is inseparable from the survival of life itself.

## KEWI Concludes 4-Day Orientation with Call for Discipline and Excellence



A section of staff and students during the formal closing ceremony of orientation of the newly admitted September 2025 students at KEWI Nairobi.

BY: FAITH TAUNET

*“The price of excellence is discipline. The cost of mediocrity is disappointment” -by Jim Rohn*

Kenya currently enjoys 70% water coverage and just 15% sanitation coverage, a reminder of both the country’s progress and the vast work still ahead.

With government investment in water infrastructure steadily rising, the demand for skilled professionals in the sector has never been greater.

It is against this backdrop that the Kenya Water Institute (KEWI) officially concluded its four-day orientation for new students, marked by a formal

address from Director/CEO , Dr. Leiro Letangule.

Dr. Letangule congratulated the September 2025 intake for securing a place at KEWI, describing it as a unique opportunity to build their future in a sector with immense potential.

He emphasized that KEWI is a strategic national institution mandated to build capacity in the water sector through training, research, consultancy, and outreach services.

“So today is just a moment for us to conclude this process that has happened and also, I wish to officially welcome you to KEWI. It is with great pride

and optimism that I welcome you,” he said.

The Director reminded students that their success at KEWI would largely depend on hard work and discipline. “You need to align with the policies and regulations of the institution so that we can guide you through. It is not going to be an easy road, but one worth the challenges,” he noted, assuring them of full support from the management, governing council, and staff.

He further urged students to safeguard the institution’s reputation, describing KEWI as a respected institution with an unmatched image in the water sector.

## KEWI Concludes 4-Day Orientation with Call for Discipline and Excellence



*Dr. Leiro Letangule and below Senior Principal Registrar Dr. Emily Chepkoech.*

as a respected institution with an unmatched image in the water sector.

Highlighting the government's push to expand water and sanitation infrastructure—including new dams, sanitation projects, and distribution networks. Letangule explained that the sector holds vast opportunities for the new generation of water professionals. He added that KEWI has forged partnerships with both local and international institutions, including the National Employment Authority (NEA), to secure opportunities for graduates beyond training.

Deputy Director Academic Affairs, Mr. Eric Wamiti, echoed the emphasis on discipline, calling on students to adhere strictly to

institutional rules and policies. He explained that KEWI's competence-based, practical curriculum is designed to solve real-world water sector challenges and is recognized both nationally and internationally.

Senior Principal Registrar, Dr. Emily Chepkoech, reinforced the call for discipline and academic excellence, noting that KEWI has fully adopted a Competence-Based Education and Training (CBET) curriculum to ensure graduates are industry-ready.

A heartfelt vote of thanks was given by Mary Wairimu Ndung'u, a Diploma in

Water Engineering student, who spoke on behalf of the new cohort. She expressed gratitude to KEWI's management, staff, and partners for the warm reception and the effort invested in guiding students during the four-day orientation.

"We deeply appreciate the effort and resources invested in making sure that we are all welcomed, and we assure you, we are going to uphold the core values of the institution and work hard and smart to achieve our academic endeavors," she affirmed, earning resounding applause from her peers.

As the orientation ended, the underlying message from KEWI's leadership was clear: success at the institute will demand discipline, hard work, and responsibility: but in return, students are entering a sector with limitless opportunities to shape both their careers and the nation's water future.



## Institute Hosts Wilo Leadership Delegation, Unveils Advanced Water Pressure Management System Training Platform



*Water Secretary Eng. S. A. O. Alima (center) poses for a group photo with KEWI and Wilo Group officials when they paid him a courtesy visit at his Maji House Office, Nairobi*

**BY: PIUS KIMANI**

The Kenya Water Institute (KEWI) on Thursday hosted a high-level leadership delegation from Wilo Group, led by Eng. Belete A. Matebe, Managing Director, Wilo East Africa. The visit marked another milestone in the long-standing collaboration between KEWI and Wilo, a global leader in energy-efficient pump and water solutions.

The delegation included Chief Sales Officer Mr. Lyman Tu, Chief Technology Officer for the Asia, Middle East and Africa (AMEA) Region Mr. Hemant Watve, Sales Director for the Middle and Southern Africa Region Mr. Matthew

Ndivheni Magwede, and Wilo East Africa Marketing Manager Ms. Christine Amira. They were received at KEWI Headquarters, Nairobi, by the Institute's Director, Dr. Leiro Letangule, EBS.

Dr. Letangule acknowledged Wilo as a trusted partner in advancing sustainable water solutions. He highlighted the Wilo Energy Efficiency Laboratory at KEWI as a vital platform in equipping sector players with the knowledge and tools required to respond to pressing challenges such as climate change and energy scarcity.

"Wilo's advanced technologies are empowering

institutions like ours to prepare the sector for a sustainable future by ensuring water efficiency goes hand in hand with energy efficiency," he remarked.

Following discussions at KEWI, the delegation proceeded to the Ministry of Water, Sanitation and Irrigation, where they were received by Water Secretary Eng. S. A. O. Alima and Secretary for Land Reclamation, Climate Resilient and Irrigation Water Management, Eng. Joel Tanui.

The meetings explored potential areas of collaboration, including pump procurement and other strategic partnerships to accelerate

## KEWI Hosts Wilo Leadership Delegation, Unveils Advanced Water Pressure Management System Training Platform

ongoing water sector projects.

At the sidelines of their visit to KEWI, the delegation inspected the newly installed Water Pressure Regulator/System, an advanced piping network integrated with intelligent valves and smart metering technology. The system, produced by Apex Piping Systems Limited on Wilo's behalf, demonstrates how consistent water pressure can be achieved across pipes of varying sizes.

The simulation technology will serve as a practical training tool at the Wilo Energy Efficiency Laboratory. It demonstrates how proper pumps and pressure management can maintain water balance, prevent



*The newly installed Water Pressure Regulator/System at the Wilo Energy Efficiency Laboratory, a training platform on how proper pumps and pressure management can maintain water balance. Below- a member of the delegation inspects the system.*

appliance malfunctions, reduce pump cycling, minimize wear and tear, and ensure multiple fixtures can be used simultaneously without pressure drops.

With Wilo's advanced pressure management technologies, users are guaranteed efficient water distribution. By preventing

over-pressurization and under-pressurization, the system ensures balanced water supply across domestic, commercial, and industrial applications. This precision is essential in improving system efficiency, conserving energy, and prolonging the lifespan of infrastructure.

The visit reaffirmed Wilo's commitment to supporting Kenya's water sector transformation while underscoring KEWI's role as a hub for knowledge, innovation, and capacity building. Together, KEWI and Wilo continue to set the pace in demonstrating how technology and partnerships can be harnessed to deliver smarter, more sustainable water management solutions.



## KEWI and CultivAid Deliver First Joint Irrigation Training, Set to Establish Model Farm at Chiakariga Campus



Secretary for Land Reclamation and Climate Resilience, Mr. Joel Tanui (in reflector jacket) is taken through a demonstration farm at the Don Bosco Farm in Embu after he officially opened the 3-day Irrigation Management Course.

BY: IAN KIMUTAI

The Kenya Water Institute (KEWI), in partnership with CultivAid and the State Department of Irrigation, has successfully concluded a three-day Irrigation Management Course held at the Don Bosco Farm in Embu. Running from September 17th to 19th, 2025, the training attracted 46 participants and equipped them with practical skills in modern irrigation technology, a crucial step toward enhancing food security in Kenya.

The opening ceremony was graced by the Secretary for Land Reclamation and Climate Resilience, Mr. Joel Tanui.

In his remarks, Mr. Tanui underscored the critical role of irrigation in driving Kenya's economic growth, guided by

the National Irrigation Sector Investment Plan (NISIP).

He also emphasized the State Department of Irrigation's commitment to working closely with KEWI to expand training opportunities and strengthen capacity in the irrigation sector.

The course was designed to address the pressing challenges of water scarcity and climate change that threaten the nation's agricultural sector. As a field-based training, participants gained hands-on expertise from Israeli facilitators, who shared their country's renowned experience in arid farming.

As part of the practical sessions, the group visited two model farms in Ichiara owned



Dr. Leiro Letangule samples some of the seedlings grown in a greenhouse at Don Bosco Farm in Embu shortly before he officially closed the 3-day Irrigation Management Course.

## KEWI and CultivAid Deliver First Joint Irrigation Training, Set to Establish Model Farm at Chiakariga Campus



*Dr. Tom Groenveld, Director, CultivAid Zambia demonstrates a concept to a section of participants.*

by local farmers. Key topics included the design, installation, and operation of modern irrigation systems and the use of climate-based scheduling to optimize water usage.

The training brought together professionals from a diverse range of institutions, including the Ministry of Water, Sanitation and Irrigation (State Department of Irrigation), Kenya Agricultural and Livestock Research

Organization (KALRO), National Irrigation Authority (NIA), the Kenya School of Agriculture, University of Embu, County Government of Siaya, County Government of Nakuru, Chuka University, and Kenya Agriculture Students Association.

The closing ceremony was graced by the CEO of KEWI, Dr. Leiro Letangule, who challenged the participants to act as agents of change. He urged them to apply their new

knowledge to improve farming practices and livelihoods across their communities.

In a move to further strengthen Irrigation practical training, KEWI and CultivAid are planning to establish a model farm at the Chiakariga campus. This farm will serve as a living classroom, demonstrating the latest irrigation technologies and best practices for our students and the wider farming community.

## Chiakariga Campus Engages in Youth Peace and Security Forum at Tharaka University

BY: KORIR KIPKIRUI

Kenya Water Institute (KEWI) Chiakariga Campus actively participated in the recently held “*Jukwaa La Wasomi*” forum under the theme “*Peace and Security Conversations for Youth*,” hosted at Tharaka University on 18th September 2025.

The event aimed to empower young people to become ambassadors of peace and security within their institutions and communities. The forum was spearheaded by the Tharaka Nithi County Commissioner, Mr. David Gitonga, in collaboration with various security agencies and academic institutions from across the county.

Representing the Campus were Ms. Esther Mutegi, Officer in Charge of Office Administration, and Eng. Castro Nyagudi, standing in for Campus Principal Eng. Justus Wersongur. Also in attendance were student leaders Seth Mutugi and Faith Wokabi, who represented the student body. The event began with a welcoming address from Dr. Edward Kathuni, Registrar at Tharaka University. Dr. Kathuni directed his message to student leaders, urging them to be agents of positive change by choosing dialogue over confrontation. He emphasized that students are the heartbeat of learning institutions and



*Eng. Castro Nyagudi gives his remarks during the “Jukwaa La Wasomi” forum at Tharaka University.*

must lead with courage, vision, and integrity.

In his keynote address, Chief Guest Mr. David Gitonga, the County Commissioner, called on all attendees to champion inclusivity and actively engage in peace-building efforts. He underscored the role of youth as “peace holders” and encouraged them to resolve disputes through structured dialogue and peaceful mechanisms.

Several key issues were raised and constructively addressed during the forum, including rising concerns about theft and campus security, the need for clean and safe learning environments, the introduction and strengthening of peace clubs, and enhancing dialogue and

trust between youth and security agencies.

The forum served as a dynamic platform for cross-institutional collaboration and was attended by principals, deans, and student leaders from various institutions, including Tharaka Technical and Vocational College (TTVC), Chuka Technical Institute, Tharaka University Student Association (TUSA), and Kenya Medical Training College – Marimanti Campus (KMTC).

The participation of Chiakariga Campus reflects its ongoing commitment to nurturing responsible, community-conscious graduates equipped not only with technical skills but also with the values of peace, leadership, and integrity.

## Kitui Campus Hosts Three-Day Orientation Program

BY: ABBIGAEL SONGOK

The Kenya Water Institute (KEWI) Kitui Campus successfully hosted a three-day orientation program for its new students starting on 15th September 2025. The program was carefully organized to introduce the students to the academic, social, and professional environment of the institute while highlighting the wealth of opportunities within the water sector.

The opening session was graced by the Principal, Mr. Matara Kaburi, who was accompanied by the heads of sections. In his address, he warmly welcomed the new learners, acknowledging the diversity of their backgrounds while emphasizing the shared purpose that had brought them to KEWI.

“You are here to seek solutions for challenges in the water sector and to bridge existing gaps,” he said.

He reminded the students that success comes from positioning oneself to solve problems, noting,

“When there’s a challenge and you position yourself to solve it, you’ll never sleep hungry.”

He encouraged them to explore the wide range of



*Newly admitted students at Kitui Campus keenly follow the Directors Address during the closing ceremony of the 3-day orientation exercise.*

opportunities the sector presents, urging each student to find their niche early in order to make their journey easier and more rewarding.

The first day of orientation introduced students to KEWI’s knowledge and digital support systems. Ms. Jackline Maingi, in charge of the library, together with Mr. Mutia Mulaa, who oversees ICT, presented the institute’s library and e-learning services.

As a member of the Kenya Library and Information Services Consortium (KLISC), KEWI grants its students and staff access to a rich collection of electronic resources. Students were also introduced to the institute’s dedicated e Learning portal, [elearning.kewi.or.ke](http://elearning.kewi.or.ke), which supports registration and verification, provides access to subscribed e-resources, and connects users to a helpdesk

for technical and academic assistance.

Later, Senior Lecturer Mr. Samwel Nyonje, assisted by Mr. Joshua Maoto from the Engineering Department, guided the students through the institute’s workshops, plumbing and

pipe works, and short courses designed to build technical expertise and practical skills emphasizing hands-on learning and professional development.

On the second day, the focus shifted to KEWI’s Water Laboratory and the broader area of water resource management. Students were introduced to the critical role the institute plays in safeguarding the country’s water resources through specialized laboratory services. They gained insights into how water samples are collected, analyzed, and interpreted to ensure safety and compliance with national standards. Practical demonstrations highlighted the importance of testing for contaminants such as bacteria, heavy metals, and chemicals, underscoring how such processes directly impact public health and sustainable development. In addition, the session exposed students to the diverse career opportunities in

## Kitui Campus Hosts Three-Day Orientation Program

in water science, ranging from laboratory technologists and environmental officers to policy experts and researchers dedicated to tackling water scarcity and climate-related challenges.



*Ms. Songok sensitizing students on student welfare.*

The day closed with a session led by Ms. Abbigael Songok, who sensitized the students on student welfare, co-curricular opportunities, and vital health issues including HIV/AIDS awareness, drug abuse prevention, and mental wellbeing.

She reminded the students that their academic journey would be most fruitful if supported by holistic wellness.

The final day of the orientation program was dedicated to institutional values and academic structures, providing students with an in-depth understanding of KEWI's guiding principles and academic framework.

In the morning session, Ms. Carol Kibui, the Human Resource and Administration Officer, outlined the KEWI Service Charter, emphasizing the institution's commitment to efficiency, integrity, and accountability in service

delivery. She highlighted the expectations placed on both staff and students, particularly in fostering a respectful, inclusive, and professional learning environment.

Additionally, she addressed matters of student welfare and reinforced the importance of observing road safety regulations, reminding students that discipline and responsibility extend beyond the classroom.

Following her session, Ms. Margaret Kasuki, a Senior Lecturer, guided students through the academic dimension of the institution. She explained the curriculum development process, illustrating how programs are structured to align with industry needs, regulatory standards, and the institution's vision.

Ms. Margaret also introduced the wide range of academic programs offered at KEWI, detailing course requirements, modes of

assessment, and expectations for student performance. Her session underscored the critical role of academic discipline, continuous learning, and innovation in shaping successful professionals.

The orientation concluded with a formal ceremony presided over by the Academic Registrar. In his closing address, he invited students to share their reflections on the three-day orientation and provide feedback on their experiences.

He praised their enthusiasm, active participation, and openness to learning. He further encouraged them to uphold the values imparted during the program and to approach their studies with diligence and commitment.

Finally, he extended his best wishes to the incoming cohort, officially welcoming them as valued members of the KEWI community and wishing them success in their academic journey.

## Short Courses Department Meet to Develop Curriculum for ICRC Training Programs

BY: ABBIGAEL SONGOK

Kitui Campus was the venue for an intensive four-day workshop held from 15th to 19th September 2025, dedicated to developing curriculum and training content for the upcoming International Committee of the Red Cross (ICRC) programs. The event brought together a 15-member team of staff drawn from across KEWI's four campuses, who are professionals in short course delivery and curriculum development. The workshop was officially opened by the Kitui Campus Principal Mr. Matara Kaburi, who played host accompanied by the head of Short Courses & Curriculum Development department, Ms. Virginia Nanetia.

At the heart of the workshop was the need to create comprehensive training content and consolidate all essential materials for the ICRC programs. These programs are set to cover a wide range of critical areas including water quality sampling and testing, microbial water quality assessment, and training of trainers on electrical safety. Ms. Nanetia while addressing participants during the opening session, stressed that the exercise was not merely



*Members of Short Courses Department after winding up a 4-day workshop to develop curriculum and training content for the upcoming International Committee of the Red Cross (ICRC) programs.*

about producing documents but about shaping training that responds to real needs. She emphasized that for KEWI's programs to remain impactful, they must be designed to effectively address the challenges faced by participants in their professional environments. "This exercise is vital in ensuring our training offerings are not only comprehensive but also tailor-made to meet the specific needs of the target participants," she remarked.

The workshop further underscored KEWI's long-standing commitment to excellence in the design and delivery of short courses. Over the years, the institute has earned a strong reputation for

offering specialized training that responds directly to emerging trends and challenges in the water sector. Short courses have been critical in equipping practitioners with both technical knowledge and practical skills. By tailoring these programs to the unique requirements of clients, KEWI ensures that participants can immediately apply their learning to improve systems and services within their organizations.

Through the collaboration with ICRC, KEWI is once again demonstrating its leadership in capacity building. The programs being developed will not only address water quality monitoring and microbial analysis but also integrate essential safety measures

## Short Courses Department Meet to Develop Curriculum for ICRC Training Programs

through training in electrical safety. The inclusion of a training-of-trainers component is designed to multiply the impact of the program, enabling participants to pass on their skills and knowledge to colleagues within their institutions and communities, thereby strengthening technical capacity across the sector.

In his remarks, Principal Matara Kaburi commended the team for their dedication and collaborative spirit, noting that such initiatives highlight KEWI's ability to consolidate expertise from across its campuses to respond to water sector challenges both locally and globally. He emphasized that the development of robust, practical, and client-oriented training content is critical if KEWI is to continue shaping the next generation of water sector professionals.

The outcomes of the workshop are expected to play a pivotal role in ensuring that the ICRC programs are both relevant and impactful. At a time when the demand for clean and safe water continues to rise amidst increasing pressures of urbanization, climate change, and population growth, the need for well-trained professionals has never been more urgent. KEWI's proactive approach in reviewing and strengthening its curriculum ensures that the institute remains responsive to



### SHORT COURSES & PROFESSIONAL DEVELOPMENT CALENDAR

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these challenges while contributing to the global agenda on sustainable water management.

Ultimately, the Kitui workshop was more than just a curriculum development exercise – it was a reaffirmation of KEWI's mission to build human capacity, advance technical knowledge, and offer consultancy services that support sustainable development in the water sector. By investing in the design of high-quality,

practical training programs, the institute are ensuring that its graduates are not only technically competent but also agents of change capable of driving improvements in water quality, safety, and resource management. The four-day event therefore stands as a milestone in KEWI's continuous journey to provide demand-driven solutions and strengthen its role as a trusted partner in addressing Kenya's and the region's water challenges.

## Government and Partners Scale Up Irrigation and Water Projects to Strengthen Climate Resilience



*Principal Secretary, State Department for Water and Sanitation, Mr. Julius Korir, CBS, convening the National Steering Committee of the Kenya Towns Sustainable Water Supply and Sanitation Program (KTSWSSP) at Maji House, Nairobi.*

**BY: PIUS KIMANI**

Kenya is scaling up efforts to transform irrigation, enhance water security, and build climate resilience through strong partnerships with international organizations, development agencies, and non-governmental institutions.

This week, the Principal Secretary, State Department for Irrigation, CPA Ephantus Kimotho, CBS, hosted a high-level delegation from UN agencies including WFP, IFAD, UN, UNDP, and FAO to deliberate on collaboration under the National Irrigation Sector Investment Plan (NISIP).

The Plan identifies five strategic pathways: community schemes, farmer-led irrigation, corporate agribusiness, revitalization of arid and semi-arid lands (ASALs), and high-performing public schemes, targeting over 1.2 million acres for irrigation development.

PS Kimotho underscored that NISIP provides a comprehensive framework for climate-resilient irrigation and is designed to attract private sector investment.

He highlighted ongoing initiatives such as farmer-led

irrigation targeting seven million farmers, micro-irrigation projects in schools to promote nutrition and environmental stewardship, and the exploration of climate financing instruments including green bonds.

The UN agencies affirmed their strong alignment with NISIP's objectives, noting that over eleven partners stand ready to mobilize resources to support Kenya's food security and climate adaptation agenda. They emphasized that NISIP resonates with their integrated programs on resilience, sustainable agriculture, and water for domestic and

## Government and Partners Scale Up Irrigation and Water Projects to Strengthen Climate Resilience



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agricultural use.

In parallel, the State Department for Water and Sanitation, under the leadership of PS Julius Korir, CBS, convened the National Steering Committee of the Kenya Towns Sustainable Water Supply and Sanitation Program (KTSWSSP). The session brought together CEOs and technical officers from implementing agencies to review progress and accelerate delivery of projects.

Jointly funded by the Government of Kenya and the African Development Bank (AfDB), the program is supporting 51 water supply and sanitation projects across the country. The overall program has achieved 91%

completion within its original scope—a major milestone toward expanding access to safe water and sanitation for millions of Kenyans.

Further, in advancing NISIP's community-centered approach, the State Department for Irrigation partnered with Mercy Corps to co-create the Smallholder Farmer-Led Irrigation Programme.

The workshop, led by the Secretary for Land Reclamation and Climate Resilience, Joel Tanui, focused on climate resilience, innovative financing, and sustainable community ownership.

The programme seeks to integrate County

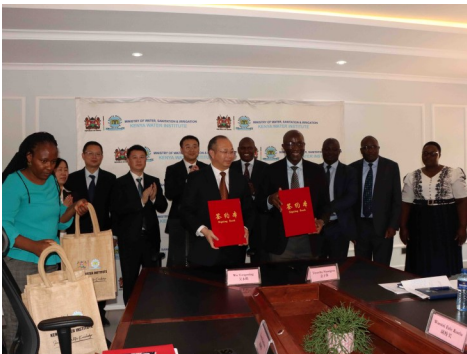
Governments, strengthen community irrigation schemes and youth enterprises, expand utilization of water pans in ASALs, and enhance productivity of strategic irrigation systems such as the Yatta Canal, Lower Nzoia, and Lower Kuja.

Mercy Corps Country

Director, William Baron, emphasized the importance of scalable and sustainable models of irrigation to address climate challenges, create jobs for Kenya's growing youth population, and promote commercialization of agriculture as a pathway to inclusive economic transformation.

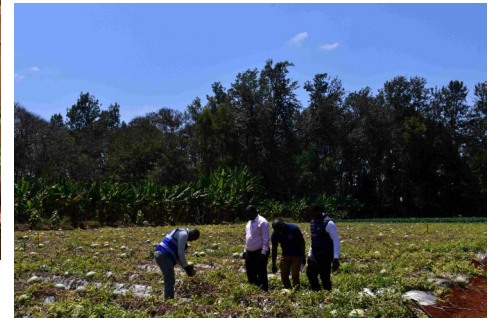
Collectively, these initiatives signal Kenya's commitment to water and food security, climate adaptation, and economic transformation through irrigation. By working with global partners, the country is laying the foundation for sustainable growth and resilience in the face of climate change.

# Round up of The Week's Events



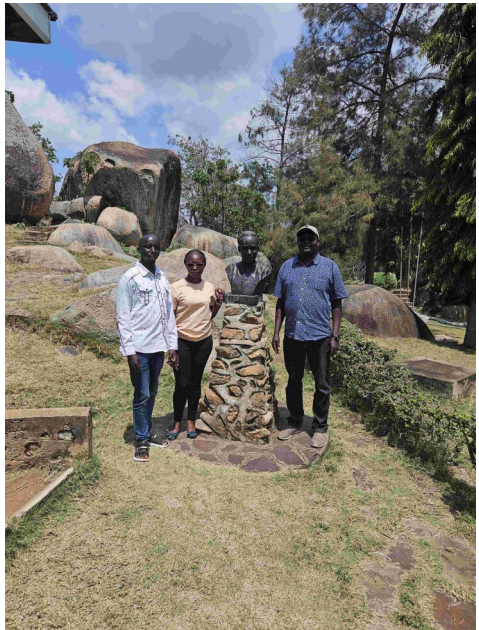
Moments during the launch of Tiangong Workshop at KEWI, Nairobi.

# Round up of The Week's Events



Moments during the 3-day training on Irrigation Management at Don Bosco Farm in Embu County.

# Round up of The Week's Events



Moments during the 14th Mara Day Celebrations in Butiama Tanzania..

## Picture of the week



*Beaming with joy, six stars stood in harmony, their smiles reflecting a glorious triumph of service.*

*With grace and pride, they marked the moment – a photograph capturing not just faces, but a story of dedication etched in time. Under the steady guidance of Principal Librarian Alice Kariuki, a leader whose wisdom anchors them, this team has become a living testimony of discipline, professionalism, and quiet excellence.*

*First to open, last to close, theirs is a rhythm of commitment woven into the daily heartbeat of the Library and Resource Centre. They are custodians of knowledge, gentle torchbearers who guide new students toward light, showing them how to draw the most from every page, every resource, every moment within these walls.*

*In their presence, work transforms into artistry – precision, patience, and passion blending seamlessly.*

*Today, their photo is more than an image; it is a celebration of a team whose devotion has watered the seeds of learning and whose resilience sets an example for all.*

*To this noble six, we lift words like garlands: may your service shine brighter each day, for in your hands lies the quiet power that shapes futures, fuels dreams, and keeps the flame of learning alive.*

### Quote of the Week

*“When you’re surrounded by people who share a passionate commitment around a common purpose, anything is possible.”*

*Howard Schultz*

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### 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  
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 Water Quality Sampling and Testing  
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 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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Ground water Assessment Services  
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Repair of pumps boreholes and distribution systems

Your feedback is crucial for our improvement



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