

February 24 – 01 March 2024

Paving way for Sustainable Solutions, KEWI-ZDHCA holds Productive Talks



Ms. Mariella Norto and KEWI Research team led by Deputy Director Research Consultancy and Technical Services, Mr. Nelson Kwamini

Kenya Water Institute (KEWI) convened a highly productive meeting with the Ms. Mariella Norto, from Zero Discharge and Hazardous Chemicals Academy (ZDHCA) that sought to explore synergies and potential areas of collaboration between the two institutes, a move that would advance sustainable practices and foster collaborative efforts

towards environmental stewardship.

While welcoming Ms. Mariella for the discussions, KEWI Deputy Director Research Consultancy and Technical Services Mr. Nelson Kwamini shared insights, experiences, and visions that would help in laying the groundwork for a fruitful partnership aimed at achieving shared sustainability

HIGHLIGHTS

- 2 Paving way for sustainable solutions.
- 3 KEWI embraces CDACC Programme
- 5 Urban Water Safety Planning Training held in Kitui Campus
- 6 Institute's conferencing Services

Paving way for Sustainable Solutions, Institute holds Productive Talks

goals.

On her side, Ms. Mariella Norto noted that ZDHC, which uses a multi-sectoral approach to the work it does with private sector (textile brands, suppliers), governments and even non-state actors, is limited in reach in some regions and therefore the need to identify and work with training institutes that can train personnel within the textile industries.

The academy works with brands in research through the chemicals and water specialists that they have at the organization with its major working areas including water, biodiversity, emissions and circular economy.

In a discussion that largely explored collaborations that would come up with strategies to mitigate the discharge of hazardous chemicals into the environment, a critical issue demanding urgent attention through collaborative research initiatives, innovative technologies, and knowledge exchange programs, both institutions agreed to pioneer sustainable solutions that minimize environmental impact while fostering industrial growth if their intent of collaboration would materialize.

The meeting served as an opportunity to identify areas where the expertise of each institution could complement the other. From research and development projects to educational outreach initiatives, the collaboration promises to leverage the strengths of both parties to effect meaningful change.

In addition, collaboration on education and training and on laboratory research was identified as synergies that both organizations can leverage on in their working together. It was further noted that KEWI can leverage on its regional presence, reach and existing collaborative working

consultancy service offering entrenched in the collaboration.

With the collaboration seeking to extend beyond the confines of academia, with a keen focus on engaging industry partners both parties underscored the essence of knowledge sharing and capacity building pooling resources and expertise to empower stakeholders across various sectors with the necessary tools and insights to adopt sustainable practices and adhere to stringent environmental regulations.. .

Looking ahead, both KEWI and ZDHCA are poised to embark on a journey of exploration, innovation, and impact. By harnessing the collective wisdom and resources of the two institutions, the collaboration holds the promise of ushering in a new era of sustainability, where environmental stewardship and industrial progress go hand in hand.



Ms. Mariella Norto and Mr. Nelson Kwamini.

arrangements with different organizations and industry associations such as Kenya Association of Manufacturers and Kenya National Chamber of Commerce and Industry to grow the capacity development, research and

Empowering Workforce: KEWI Embraces CDACC Programme



Mr. Eric Wamiti, Deputy Director Academic Affairs during the official opening of the training workshop in Nairobi Campus.

BY FAIZAH JEPKORIR

Kenya Water Institute (KEWI) in partnership with TVET-Curriculum Development, Assessment and Certification Council (TVET-CDACC) has held a series of sensitization workshops for its trainers across all its campuses with an aim to fast-track the implementation of the CBET Curriculum.

The trainings which commenced in Nairobi Campus and were rolled over to other campuses came shortly after a similar exercise targeting all the students was held with an aim of enhancing the quality of the training offered by KEWI and the need to enhance conformity with upgraded training standards under the Competency-Based Education and Training (CBET) curriculum.

While opening the workshop, Deputy Director, Academic Affairs Mr. Eric Wamiti noted that under the TVET-CDACC programme, KEWI had transitioned from traditional curriculum models to competency-based approaches, focusing on practical skills acquisition and real-world application. This shift, he said, reflected a broader commitment to aligning education with the evolving demands of Kenya's labor market, particularly in water sector.

"We recognized the need to modernize our curriculum to better align with the evolving demands of the water sector," The CDACC programme provides a framework that allows us to equip our students with the skills and competencies needed to address current and future

challenges in water management." reiterated Mr Wamiti.

Among the agendas of the training was to debunk the role of CDACC in CBET implementation, and adopt lessons of qualification awarding institutions from the perspective of CBET Curriculum Framework.

Ms. Sophia Ndolo, Principal Curricular Developer, TVET-CDACC who lead the exercise informed that the TVET Authority had developed CBETA, Trainer Qualification Framework, and Prior Learning Assessment and Recognition of Prior Learning PLAR (RPL) standards; the Quality Assurance Manual, guidelines for assessment centers, CBET assessment monitoring tools, accreditation of institutions to offer CBET courses among other interventions to help facilitate the implementation of CBET curriculum in the TVET sector. She further noted that the regulator had approved over 450 occupational standards and respective curricula and corresponding assessment tool.

"KEWI must ensure the credibility of their certification and safeguard against economic crimes such as fake certificates. By embracing the use of tools like the Portfolio of

Empowering Workforce: KEWI Embraces CDACC Programme



Ms. Sophia Ndolo, Principal Curricular Developer, TVET-CDACC.

skills and competencies needed to excel in their chosen fields."She added.

As the CDACC programme gains momentum across the TVET sector, KEWI remains committed in the implementation of the Competency-Based Education and Training (CBET) curriculum as it marks a significant milestone in the institution's commitment to excellence and innovation.

By embracing CBET principles, Institute is not only aligning its programs with the evolving needs of the water sector but also empowering students with the practical skills, industry knowledge, and adaptability required to succeed in their careers.

Evidence (POEs), the institute will enable trainees maintain all their file of assessments conducted during their course of training." She added.

Ms. Ndolos' sentiments were echoed by Ms. Doris Situma, Head of Department, Water Resources and Environmental Management who hailed the new curriculum as a move to the right directions in regards to the quality of the trainings offered by KEWI.

"The CDACC programme has been a game-changer for us," It's not just about

theoretical knowledge anymore; it's about equipping our students with the practical



KEWI Trainers follow proceedings during the training workshop.

Urban Water Safety Plan Training Equips Stakeholders for Safer Water Management



BY JUDY WANJIRA

In a concerted effort to ensure the safety and reliability of urban water systems, stakeholders from Thika Water and Sewerage Company (THIWASCO) convened for an intensive 3-day Urban Water Safety Planning (UWSP) workshop at Kenya Water Institute-Kitui Campus with the training geared to end on March 1ST, 2024. The training aimed to equip participants with the knowledge, skills, and strategies necessary to uphold water safety standards and mitigate potential risks.

In his opening remarks Deputy Director, Academic Affairs Mr. Eric Wamiti, said urban water systems are essential for delivering safe and clean drinking water to communities. He noted that the training equips water utility personnel, government officials, and other

stakeholders with the knowledge and skills necessary to identify and mitigate potential risks to water quality and safety.

"By implementing effective safety plans, the likelihood of waterborne illnesses and outbreaks can be minimized, thus safeguarding public health." Mr. Wamiti added.

Throughout the Workshop, attendees delved into a comprehensive curriculum covering key aspects of urban water management, including risk assessment, contamination prevention, emergency response protocols, and community engagement strategies. By leveraging interactive workshops, case studies, and expert-led discussions, participants gained practical insights and actionable solutions to address the unique challenges facing urban water systems.

Under training and supervision of Mr. Barnabas Mugo and Mr. Satwa Kithome, trainers from KEWI, the attendees were updated on the schedule of training by

Mr. Satwa, who requested the attendees to share their expectations for the workshop.

"The Urban Water Safety Plan training course provided invaluable guidance on safeguarding our communities' water supply, the hands-on approach and real-world scenarios offered a deeper understanding of the best practices and proactive measures to ensure water safety for all." Mr. Mugo noted.

With growing concerns over water quality and infrastructure resilience, the UWSP training course emerged as a timely and essential resource for stakeholders tasked with managing urban water systems.

By fostering collaboration, knowledge exchange, and capacity building, this initiative aimed to empower participants to proactively identify and address potential hazards, thereby safeguarding public health and well-being.

As communities continue to grapple with the complexities of urbanization and environmental challenges, initiatives like the UWSP training course play a vital role in strengthening resilience and enhancing water security.

KEWI Conferencing Services, Second to None

BY PIUS KIMANI

Kenya Water Institute (KEWI) has continued to be the preferred venue for many conference activities both by public and private organizations who want to experience a classy feel of the conferencing prowess that the institute offers. This makes it stand out as the preferred conferencing destination.

Apart from standing out as a conferencing destination for many in the crowded conferencing market gap, KEWI leads the pack due to its proximity to other supportive amenities that help enrich the experience.

KEWI has continuously organized high level conferences that have truly set its standard much above its peers in the conferencing industry. The institute conference facilities which

include a 500 persons capacity auditorium, a 50 persons capacity conference room, a state-of-the-art 8 person capacity boardroom, 3 partitioned rooms with 20 persons capacity and other supporting experiences like projectors public address systems and television screens for display help ensure that our clients get value for their money.

These services are enriched by the institutes hospitality touch where meals and accommodations in the newly launched Water Resource Centre that houses 63 state of the art rooms are offered to help offer an all round experience.

KEWI has had an opportunity to handle clients who could not resist the allure of the rates and facilities that help them achieve their intended results.

Ministries and government

parastatals prefer to hold their high-level conferences within the institute to tap on the affordable yet inclusive rates that KEWI offers Ministry of Water, Sanitation and Irrigation hosted a high level ministerial conference that brought together cabinet secretaries Hon. Zacharia Njeru, EGH, Hon. Moses Kuria, government spokesperson Hon (Dr) Isaac Mwaura CBS and a host of other high ranking ministry officials.

Just recently, National Government Affirmative Action Fund -NGAAF convened their Validation of NGAAF Strategic Plan 2023-2027 at the institute's conference facilities. The Hydrologists Registration Board together with the Ministry of Water, Sanitation and Irrigation held its Draft Hydrologists (Amendment) Bill, 2024 public participation exercise at the institutes KEWI Kisumu conferencing facilities.

These and many others confirm that we lead the way when it comes to fulfilling the clients need when it comes to offering conferencing services.

Reach out to us and be sure to get an experience that matches your wish.



Round Up of the Week's Events



Engagements during the Zero Discharge and Hazardous Chemicals Academy (ZDHCA) and Kenya Water Institute meeting.



KEWI Trainers during the TVET-CDACC training workshop.

Quote of the Week

"Do not follow where the path may lead. Go instead where there is no path and leave a trail."

-Ralph Wakdo Emerson.

EDITORIAL TEAM

Editor

Dorine Eva

Writers:

Pius Kimani

Jefferson Sumancha

Faizah Jepkorir

Ebinino Roniex

Judy Wanjira

Photographer

Pius Kimani

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
Website: www.kewi.go.ke

For enquiries about our TVET programs
Contact the Registrar, Admissions Office.
Phone: 0735339206
Email: admissions@kewi.or.ke

KEWI Nairobi Campus
P.O. BOX 60013 – 00200
Tel: 0722207757
Email: info@kewi.or.ke

KEWI Chiakariga Campus
P.O. BOX 12 – 60215
Tel: 0729009104
Email: chiakariga@kewi.or.ke

KEWI Kitui Campus
P.O. BOX 1514 – 90200
Tel: 0707566395
Email: kitui@kewi.or.ke

KEWI Kisumu Campus
P.O. BOX 7825 – 40100
Tel: 0722207757
Email: 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



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



Kenya Water Institute



www.kewi.go.ke