The Weekly Bulletin
...Fountain of Water Knowledge

17th March 2023

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

Vol. 1 Issue 2

Vision

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

Mission

T o 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

Our Campuses:

Nairobi Main Campus
Chiakariga Campus
Kitui Campus
Kisumu Campus

Inside this issue:

KEWI Kitui New Borehole	1
KEWI & KITWASCO Partnership	2
KEWI Kitui Visit	3
KEWI Profiles	4
HELB Students Loans	4/5
Nairobi River Clean-up Exercise	5
PICTORIAL	6

KEWI KITUI CAMPUS GETS A NEW BOREHOLE

Borehole drilling rig operators from KEWI setting up the site for borehole drilling exercise at KEWI Kitui Campus.

By Abigael Songok

Water availability and supply at KEWI Kitui Campus is set to improve drastically following the commissioning of drilling of a borehole at the campus by KEWI CEO Dr. Leiro Letangule.

The move to sink the borehole has been welcomed and hailed by the Campus staff as a Rapid Result Initiative since it comes at a time when the country is experiencing bouts of water shortage occasioned by change in climate and delayed rainfall.

Dr. Letangule, while commissioning the drilling noted that with the campus being in a semi-arid region, an area that experiences long dry spells, the borehole would be a relief to the campus since it will tackle the problem of water shortage within the Campus.

The borehole which is to be fitted with a solar power energy system to power the pumping of water is poised to save the institute's revenue by reducing the cost of water supply and electricity bills that would have otherwise been incurred if electricity was to be used to operate it.

The borehole will also go a long way in enhancing the training since it would also serve as a training tool.

Dr. Letangule further noted that the borehole will enable the institute to enhance the delivery of the Irrigation and Drainage course.

To mark this milestone, the CEO planted a commemorative tree and urged the campus to strive to have a good ambience, especially now that they have sufficient water.

Dr. Letangule plants a commemorative tree at KEWI Kitui Campus

IN BRIEF...

Dr. Letangule calls at KITWASCO offices. /Pg 2

KEWI CEO promises changes as he visits KEWI Kitui Campus. /Pg 3

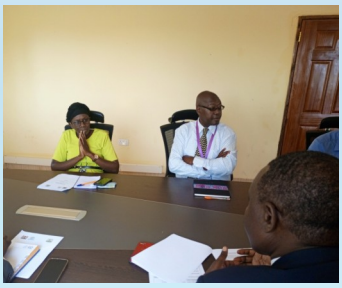
KEWI Profiles: "KEWI laid a foundation for my dream as a self practising Water Engineer." /Pg 4

KEWI & KITWASCO EXPLORE POSSIBLE AREAS OF PARTNERSHIP

KEWI CEO Dr. Leiro Letangule and KITWASCO MD Ms. June Munyao pose for a group photo when the CEO paid a courtesy call at the KITWASCO offices.

By Abigael Songok

Kenya Water Institute CEO, Dr. Leiro Letangule and Ms. June Mawia Munyao, Kitui Water And Sanitation Company - KITWASCO Managing Director have committed to fast track the signing of a Memorandum Of Understanding (MOU) between the two organizations with the objective of working towards a mutually beneficial and long-term partnership that will see KEWI carry out her field exposure trainings for both long- and short-term programs and in the process, manage an assigned DMA under the supervision of KITWASCO managers assigned to the DMA.



The two revealed this when they met following Dr. Letangule courtesy visit to the water agency office.

Following the change of guard at KITWASCO in the top leadership position, the outgoing managing director, Mr. Geoffrey K. Kiita briefed the new manager Ms. June Mawia Munyao on the progress of the partnership deal and she requested for an extended time to let the new management to be brought up to speed.

In spite of that, Ms Munyao welcomed the good gesture and was elated for the consideration of such a joint venture since KEWI's rich pool of expertise can offer advice on a range of issues affecting the company and consequently the county, like the issue of non-revenue water.

She appreciated the goodwill between the two organizations over the years and welcomed more collaborative works in the future.

The CEO was accompanied by KEWI Kitui Campus principal Mr. Elkanah Kaburi and Mr. Leonard Makokha, Deputy Director Research, Consultancy, and Technical Services, among others.

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15

“The Number of services KEWI has presented for on-boarding on e-citizen platform.”

KEWI presents her services to the government for on-boarding on e-Citizen platform

By Dorine Eva

Kenya Water Institute (KEWI) being a key Government Agency for Training, Research and Consultancy in the water sector has presented 15 services for the on-boarding on the e-Citizen platform as the government sets out to digitize at least 5,000 citizen services on the e-Citizen platform by end of May 2023.

The exercise is aimed at promoting a citizen friendly digital economy.

Among the services KEWI has presented for on-boarding include Student registration, Short Course, Drilling services, Water Quality Analysis, Hydro geological Survey and Test pumping.

Towards this, a two day workshop hosted by the Directorate of e-Citizen under the State Department for Immigration and Citizen Services and officiated by Amb. Prof. Julius Bitok, Principal Secretary for Immigration and Citizen Services, under the Ministry of Interior and Coordination of National Government was held in Nakuru County, for Ministries, Counties, State Departments and Agencies (MCDAs) for on-boarding them to the e-Citizen.

So far 5318 services offered by the various MCDAs can be accessed online via e-Citizen. The government, as communicated by the PS, aims at doubling the services by June 2023.

The e-Citizen platform is convenient and is envisaged to reduce the cost of travel and time spent to access services physically at government offices. This will in turn boost income generation by reducing losses occasioned by manual operations.

DR. LETANGULE COMMITS TO MAKE KEWI SHINE IN WATER SECTOR

Dr. Letangule addresses KEWI Kitui Campus staff during his visit to the Campus

By Pius Kimani

KEWI CEO Dr. Leiro Letangule has reiterated his commitment to do all he can to make KEWI the best state corporation in the water sector.

Dr. Letangule made this remarks when he addressed the staff at KEWI Kitui Campus during his two-day inaugural working tour.

During the indoor meeting with the Campus staff, an engagement that was largely lauded since it provoked a conversation that intended to align the Campus foundation with the his strategic direction, the director stressed that all staff across KEWI campuses including the Kitui Campus had no choice but to deliver on KEWI mandate and on their obligations as staff.

"Let me also say, for the avoidance of doubt, that we have no choice but to deliver. We need to work together in the best way possible for the good of the institute." he said

Noting that there were challenges in the campus, Dr. Letangule led a question-and-answer session to come up with possible home-grown solutions that could be adopted as an action plan for long-term references and guidelines.

KEWI Kitui Campus staff during a meeting with the

The discussions centred on the intentional marketing of the campus to raise the number of students, completing stalled projects, and doing an overhaul to deal with the systematic inefficiencies on the campus.

Dr. Letangule insisted that its possible to enhance KEWI output if everyone worked as a team and is performance-oriented

The CEO who was accompanied by Mr. Leornard Makokha, the Deputy Director for Research, Consultancy and Technical Services, was welcomed by the Campus Principal, Mr. Elikanah Kaburi.

KEWI assesses the sustainability of her programs

KEWI has embarked on an exercise to assess the sustainability of her training programs.

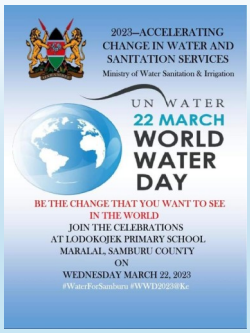
A KEWI Programs Sustainability Committee appointed by the director has been tasked to give a report on sustainability and impact of HELB loans on enrolment at KEWI, analyze the KEWI enrolment trends over 5 years and provide a strategic direction on opening of campuses in other counties, analyze both long and short courses offered by KEWI in the last 3 years and determine their market demand and their impact on the courses, identify linkages to the water sector, Private Sector, County Governments and their potential impact on the consultancy services of KEWI among other deliverables .

The committee is to submit the report to the director within 2 weeks since the commencement of the exercise.

Compiled by Pius Kimani

2023 World Water Day celebrations

Kenya Water Institute KEWI will join the Ministry of Water, Sanitation and Irrigation in celebrating the 31st edition of World Water Day which is slated to be observed and celebrated on 22nd March 2023 at Lodokejek Primary School in Samburu County.



Under the theme, "Accelerating Change" which underscores the importance of accelerating positive change to solve water and sanitation crisis, the ministry will undertake various activities including commissioning of Lodokejek Water Supply which will be done by Hon. Alice Wahome to mark the day.

KEWI will also undertake a number of activities at the Campus level including planting of trees in conjunction with County Governments and other stakeholders to celebrate the day.

Compiled by Pius Kimani

KEWI laid a foundation for my dream as a self practising Water Engineer.

As told by Bethwel Kiptoo and Narrated by Abigael Songok.

Bethwel Kiptoo is a staunch believer in being creative when confronted by situations that seem daunting. A former student at the Kenya Water Institute, Kitui Campus from January 2017–August 2019, Kiptoo developed a love and interest for Water Piping, Supply and Irrigation as a young boy.

Growing up, he always thought that piped water belonged to the rich only, and so it fuelled his passion to pursue a water-related career that would help him make piped water to those deemed poor a reality though he was not sure which training would help him address this particular societal disconnect. At the time, it was purely to one day be able to put up a piped water system in his homestead to look like others.

His interest would see him enrol at KEWI, Kitui Campus for a Diploma in Water Engineering. The training helped him acquire critical skills that would shape his journey as practitioner in the water industry.

"While awaiting graduation, I was eager to join the industry to horn my skills. I joined Elgeyo Marakwet County Government in Keiyo North Sub County in September 2019 as a Water Supply. Technician Attachee for 4 months. After my attachment I embarked on getting a job in my area of training. This was however hindered by the Covid-19 pandemic. The challenges I went through while looking for a job made me believe that self-employment should be an option for each one of us."

Shortly after leaving Elgeyo Marakwet County, Kiptoo joined Hope Water Africa-Eldoret as a Pump Testing technician intern for 1 year, starting in February 2020. This was an eye-opening experience since he was directly involved in calibrating equipment, collecting water samples, testing water quality, water treatment, the installation, operation, and maintenance of water systems, maintaining careful records, and creating detailed reports, which exposed him to the market needs and customer expectations.

The engagement also kept him busy during the pandemic with the uncertainty of the COVID-19 lockdown.

He exited the company when he graduated from KEWI in October 2020, scooping the coveted position of the best overall student in his campus. Having gained invaluable practical skills while working as an Attachee with the county government and honing his skills further under supervision of experts from Hope Water Africa- Eldoret, Kiptoo was sure of an illustrious career in water industry that would see him fulfil his lifelong dream of supplying water to his family band others who needed the precious commodity in their homes .

After graduating, it didn't take long for him to join his former school KEWI Kitui Campus as an intern Instructor for 1 year. He immediately went through an instructor's induction course at the KEWI main campus in Nairobi, South C and embarked on another exciting phase of his career in the water industry. For the next year, Bethwel was an instructor at the institute, helping with the delivery of practical lessons under the guidance of a supervisor. He also became a teaching assistant for a unit course in Basic Hydraulics and Water Supply.

When his contract with KEWI Kitui Campus came to an end in March 2022 and with the vagaries of the Covid-19 pandemic like loss of employment opportunities still active to many Kenyans, Bethwel decided to put his acquired skills and experience into practice. He immersed himself into the murky waters of self-employment.

One year later, Kiptoo says he does not regret getting that route as this has been his main source of income. Setting up Drip and Sprinkler Irrigation systems, installing water pumps, offering plumbing and pipe fitting services to his clients and setting up Water Pipeline networks have been his focus points.

"As I keep working, I experience new things in the field, which necessitates that I be innovative, and I am grateful for being able to deliver and especially apply knowledge gained at the Kenya Water Institute. It laid a good foundation for my career."

KEWI AND HELB ROLL OUT A STUDENT FINANCING SCHEME

By Pius Kimani and Abigael Songok

HIGHER EDUCATION LOANS BOARD
Empowering Dreams

Eligible students from Kenya Water Institute KEWI stand to benefit from The Higher Education Loans Board HELB loan facility through a scheme that has been tailored to help them pay their tuition fee.

The Water, Sanitation and Irrigation Training Revolving Scheme seeks to offer tuition fees loans to eligible students pursuing different qualifications at the Institute. To benefit from the available funds, applicants, both new and subsequent ones are instructed to visit the HELB website www.helb.co.ke where they access the application forms on the Students Portal to register, create and activate their registration accounts by using their personal mobile numbers.

They are then required to follow a set of instruction given and later on present the fully filled forms either at HELB Desk in select Huduma Centres, HELB Office at Anniversary Towers Mezzanine 1 Floor along University Way Nairobi or at any KEWI Campuses. The application exercise for the Financial Year 2022 -2023 applications is currently running and is set to close on 15th April 2023. However, the scheme will not accept applications from the students who are currently sponsored by Danish Industries and Compassion International since the sponsors have taken care of the fee obligation.

In light of this, Mr. G. Nyaga, a HELB officer from Kitui Huduma Center made a visit to Kitui Campus and held a one-on-one session with the students to enlighten them on the facility.

Mr. Nyaga guided the students in user registration, verification and ultimately the loan application process and also enlightened them on other different products offered by the board.

KEWI AND HELB STUDENT FINANCING SCHEME

WATER, SANITATION & IRRIGATION TRAINING REVOLVING SCHEME
FIRST TIME & SUBSEQUENT APPLICATIONS
FINANCIAL YEAR: 2022-2023

The Kenya Water Institute (KEWI) has partnered with the Higher Education Loans Board (HELB) to set up the Water, Sanitation & Irrigation Training Revolving Scheme to offer loans to students pursuing qualifications at KEWI. The Scheme will cater for tuition fees for eligible students.

How to Apply

First Time Applications

1. Applicants should visit the HELB website www.helb.co.ke to access the HELB Students' Portal to register, create and activate account (ensure you use your personal mobile number).
2. **Log in**, go to **Loan Application**, click on Certificate (Artisan and Craft) or **Diploma** and select and fill the Water, Sanitation & Irrigation Loan.
3. Read and agree on the **Consent for the Collection and Processing of Personal Data**
4. Access and fill the application form(s) online.
5. Read, understand and sign to accept the Terms and Conditions and Consent for the collection and Processing of Personal Data.
6. Ensure the forms are appropriately filled, signed, and stamped by the relevant authorities. The Guide is provided on the last page of the form.
7. **Print TWO copies** of the duly filled Application Forms. Ensure you preview the form and correct where necessary before printing.
8. **Present one copy** of the duly filled Application Form(s) and all the attached supporting documents at any of the centers below;
   a) At the HELB Desk in select Huduma Centers.
   b) HELB Offices, Anniversary Towers, Mezzanine 1st Floor University Way, Nairobi.
   c) At any of KEWI Campuses
9. **Retain a copy of the duly filled and signed Application Form(s)** [This is a mandatory requirement]

Subsequent Applications

1. Download the **HELB App** from **Google Play Store or** use **HELB USSD Code** by dialing ***642#**
2. **Register** using your phone number to generate a PIN which you will use to log in.
3. Ensure the mobile number is registered under your name. **Please NOTE** that mobile numbers not registered in the student's name will not be able to proceed with the application.
4. Read, understand, and click to accept the **license agreement.**
5. Enter your first name as it appears on your national ID card, the ID number and valid email address to complete registration.
6. Click on the **"loans"** tab and choose Certificate or Diploma. Then click **"apply"** on the **Water, Sanitation & Irrigation Loan 2022-2023**
7. Read and understand the process tutorial and proceed to read the financial literacy guide.
8. Click on get started to start the application process.
9. Enter your phone number which should be registered in your name and national id number to verify that you are the owner of that number.
10. Read and understand the loan terms and condition and agree to proceed.
11. Answer the financial literacy questions and scroll down to view results and click **"proceed".**
12. Select your preferred loan payment option.
13. Click request loan to view and verify your loan details.
14. Click **"submit"** to complete the loan application. A pop-up message will appear to show that you have successfully applied. The loan serial number will also be displayed.

Eligible Students

Students pursuing the following courses are eligible for the product:

a)Diploma and Certificate in the following courses;
- Water Engineering
- Wastewater and Sanitation Engineering
- Irrigation and Drainage Engineering
- Water Resources Management
- Water Laboratory

b)Diploma In Information & Communication Technology

c)Artisan in the following courses;
- Plumbing and Pipefitting
- Water Operators Course
- Basic Plumbing Course

Please note:

1. Read, understand, and follow the instructions provided at the beginning of the online application process.
2. The opening date for the Scheme application is **1st March 2023** while the closure date is **15th April 2023**
3. The scheme application forms are only accessible through the HELB student portal on www.helb.co.ke.
4. The Water, Sanitation & Irrigation Training Revolving Scheme Application is **FREE.**
5. **DO NOT PAY** anyone to process your HELB application unless the requisite service charge if you are applying from a cybercafé preferably Huduma cybercafé.
6. In case of any queries, seek assistance **ONLY** from HELB, KEWI Student Affairs Office
7. Students who provide false information will be penalized as per the HELB Act.
8. Students can make enquiries through: contactcentre@helb.co.ke.
9. Students sponsored by Danish Industries and Compassion International are not eligible to apply.

For more information please contact:
The Dean's Office at KEWI on 0735339206 or
HELB Contact Centre

EMPOWERING DREAMS

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KEWI STUDENTS JOIN IN NAIROBI RIVER CLEAN-UP EXERCISE

KEWI students during Nairobi River clean up exercise organized by Clean Up Kenya

Kenya Water Institute joined the Nairobi West Community Cleanup exercise organize by Clean Up Kenya as part of the NGO's project to recover plastics from Nairobi River and source areas.

The project which is supported by Norwegian Retailers Environment Fund focused on Mbagathi River which drains into Nairobi River. The project saw the recovery of approximately 30 tonnes with 20 percent estimated to be plastics. Several other groups and organizations took part in the cleanup including the County Government of Nairobi, Redcross, Young Men Christian Association, Darren Hart Foundation, Amua, among other stakeholders.

The Nairobi West project was led by Dismas Osindi with support from Darren Hart Juma, a Director at Clean Up Kenya.

Compiled by Pius Kimani

PICTORIAL

KEWI students during an E-learning induction session.

KEWI students during a Nairobi River joint clean up exercise with other groups and organizations.

"To survive and succeed, every organization will have to turn itself into a change agent. The most effective way to manage change is to create it."

QUOTE OF THE WEEK

ONGOING & UPCOMING TRAINING PROGRAMS

Long-term Programs

1. Diploma in Water Engineering Technology (DWET) Diploma in Wastewater
2. Diploma in Water, Sanitation Engineering Technology (DWSET)
3. Diploma in Water Resources Management Technology (DWRTM)
4. Diploma in Water Laboratory Technology (DWLT)
5. Diploma in Irrigation and Drainage Engineering Technology (DIDET)
6. Diploma in Information Communication Technology (DICT)-KNEC
7. Certificate in Water Engineering Technology (CWET)
8. Certificate in Wastewater and Sanitation Engineering Technology (CWSET)
9. Certificate in Water Resources Management Technology (CWRMT)
10. Certificate in Water Laboratory Technology (CWLT)
11. Certificate in Information Communication Technology (CICT)-KNEC
12. Plumbing and Pipe Fitting (PPF)
13. Drilling Operations and Management (DOM)
14. Water Operators Course (WOC) in:
    - Water Supply
    - Meter Reading
    - Sewerage Operations

Short-term Programs

1. Water Management
2. Metering and Installation of Water Supply Networks
3. Leak Detection & Repair techniques
4. Drilling Operations and Management (DOM)
5. Non-Revenue water
6. Operation & Maintenance of Pumping Stations
7. Operation and Maintenance of Water Supply Networks
8. Pump Selection, Installation and Maintenance
9. Plumbing, Pipe Fitting and Solar Water Heating
10. Instrumentation for Water and Wastewater Systems
11. Use of Earth Observation Tools and GIS for Water Resources Management
12. Water Governance, Management and Technology
13. Drilling Operations and Management
14. Water Quality Sampling and Testing
15. Microbiological Water Quality Assessment
16. Integrated Water Resources Management
17. Customer Care
18. Entrepreneurship and Financial Management for Water Managers
19. Application of GIS for Water Utilities Mapping

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ABOUT US

Kenya Water Institute (KEWI) is a State Corporation under the Ministry of Water, Sanitation and Irrigation (MWSI) established by the Kenya Water Institute Act No. 11 of 2001 to promote standards of service in the water sector through human resource development, research and consultancy.

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