



# 2025 REPORT

RWESCK MANAGEMENT



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## Introduction

RWESCK has been a reputable Centre, building capacity in the water and sanitation sectors, conducting research on environmental challenges and producing impactful findings and knowledgeable, graduates equipped to tackle national and regional issues related to freshwater scarcity, water resources management, climate change impacts on the water - food -energy nexus, water supply and remediation; environmental sanitation, and hygiene.



### Vision

RWESCK seeks to advance knowledge in water supply and resources, environmental sanitation, and hygiene for sustainable development. The Centre aims to be a recognized as the hub for advancing new knowledge, innovations and high-quality training in water resources, water supply and environmental sanitation for the sustainable development of West Africa



### Mission

To provide an environment for teaching, research, mentorship and skill training in water and sanitation. The Centre intends to create a conducive and convenient atmosphere and ecosystem for advancing knowledge and expertise to address challenges for the industrial and socioeconomic development of Ghana and Africa as a whole, To nurture high calibre early-career researchers, provide high quality postgraduate education and conduct cutting-edge and innovative research in water resource, water supply and environmental sanitation

## 1.2 THE WASH PROBLEMS AND BRIEF HISTORY OF RWESCK

Water is the bedrock of healthy living, biodiversity, food production and security, energy generation and most industrial processes. A lack of access to safe water translates into slower economic growth. Some regions in Africa could see their GDP decline by as much as 6% by 2050 due to water-related stress. Rising populations, expanding economies, and shifting consumption patterns have intensified the demand for water resources at a time when 36% of the world's population lives in water-scarce regions. More than 2 billion people live in highly water stressed countries, and about 4 billion people experience severe water scarcity for at least one month each year (WWAP 2019).

Water stress is expected to worsen as global demand for water continue to rise. In fact, water consumption has increased sixfold over the past 100 years

and continue to grow. (UNESCO and UN-Water 2020). Projections indicate that by 2050, global demand for water will increase by 20% to 30% unless consumption patterns change significantly (WWAP 2019). In Africa, it is well known that 15-20% of deaths are linked to water excreta related diseases. Addressing this crisis requires urgent actions to bridge human resources capacity gaps and improve infrastructure to train high-calibre professionals to tackle WASH-related challenges. The region also faces limited capacity for integrated water resources management, alongside pressing issues such as irrigation development, which is vital for climate change adaptation and food security. Solid and liquid waste management remains a major challenge, with insufficient technological capacity to support waste-to-energy, briquettes production, composting, and other useful transformations. Fecal sludge management and waste handling continues to be significant burdens. Another critical deficiency is the lack of digitized applications for waste management and computing systems. Compounding these challenges are the mismanagement of utility services, poor handling of waste from garages and mining operations, siltation of water bodies, and uncontrolled sand weaning—all of which worsen the state of water and sanitation in the region.

In the early 1990s, the Environmental Engineering section of the Department of Civil Engineering conceived and initiated the Water Supply and Environment Sanitation project with the primary aim of developing capacity in Ghana's WASH sector. At the time, the sector was burdened by very limited capacity and resources – critical infrastructure was virtually non-existent, and there was a lack of financial support to establish well-equipped laboratories capable of conducting multidisciplinary, sector-relevant research.

RWESCK is one of the eighty (80) Africa Centres of Excellence (ACE), located across more than fifty universities in twenty countries across the continent. These Centres deliver quality education, foster regional specialization and provide outstanding mentorship and internship opportunities. RWESCK specifically focuses on addressing water resources and environmental sanitation challenges in Ghana and Sub-Saharan Africa.

As a flagship research centre within the Department of Civil Engineering at KNUST, RWESCK benefits from and leverages strong collaborative linkages with other research centres and departments within the College of Engineering. This multidisciplinary collaboration enriches its academic delivery and enhances the integration of classical engineering principles—especially those related to water purification, infrastructure, water supply systems and water engineering into practical applications. In this context, the Centre has championed initiatives related to the water-Food-Energy-Health nexus, conducting research and hosting events aimed at promoting the national socio-economic development,

enhancing the sustainability of our water-related infrastructure, and addressing the pressing challenges of climate variability and change currently facing the continent.

### 1.3 The Dutch initiative

In 1996, the Water Supply and Environmental Sanitation Project (WSESP) was established with financial support of 2 million Euros from the Government of Netherlands. In 2004, the WSESP revised its operations and structure and was renamed the Water Resources and Environmental Sanitation Project (WRESP). During this period, an additional 1.5 million Euros was provided by the same source, with the overarching goal of expanding operations and broadening the scope of capacity development and mentorship.

A new phase of WRESP emerged through a collaborative initiative between the Government of Ghana and the World Bank, leading to the transformation of WRESP into the Regional Water and Environmental Sanitation Centre, Kumasi (RWESCK) which operated under the first phase of Africa Centres of Excellence (ACE) project from 2014 - 2019.

Under the second phase of the ACE project, RWESCK received an unprecedented US\$8 million in financial support from the World Bank. This support was a game-changer, significantly boosting infrastructural development, including the construction and improvement of laboratories, lecture theatres, auditorium, library, computer rooms, conference halls, a cafeteria and office spaces. Beyond infrastructure, the funding also enhanced professional training for faculty, strengthened research and customized training programmes, and introduced several new postgraduate programmes. The academia-industry interface was also intensified to provide students with increased opportunities for industrial exposure and internships.

Recognizing the Centre's positive progress, the World Bank provided additional funding of US\$5.4 million under the ACE IMPACT phase, which spanned from 2019 to 2024.

Over the years, key questions that has continued to fuel enthusiasm for the Centre's programmes remains:

What drives technological capacity building?

What inspire creativity regularly?

What motivates innovation?

What will promote consistently Academia - Industry partnership?

What will enhance entrepreneurship in all sphere of the Centres activities?

## 1.4 With these questions in mind a number of thematic areas were couched for the Centres academic programmes.

### KEY THEMATIC AREAS

Theme 1: Innovative Water Treatment Technology

Theme 2: Innovative Water Distribution and Digital Technology

Theme 3: Environmental Sanitation and Waste Management Technology

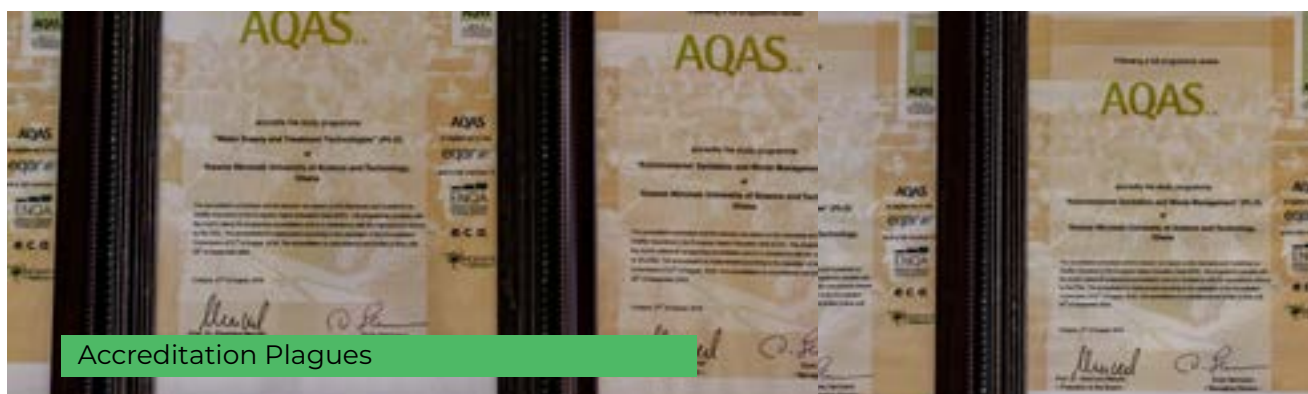
Theme 4: Climate Resilience and Water Resources Management

Theme 5: Water and Sanitation Governance

Over the years, Ghana and Sub-Saharan Africa have witnessed a rise in environmental adversities, ranging from acute freshwater shortages and , deteriorating raw water quality to complex, challenges in water resources management, climate-induced urban and peri-urban flooding and persistent concerns about water-food-energy security. Nation wide, significant efforts have been peddled to improve up sanitation and hygiene; however, the coverage, as stipulated in the Sustainable Development Goals (SDGs), calls for a doubling of efforts to accelerate progress towards achievement.

Our meticulously crafted programmes equip students with the necessary skills and expertise to spearhead initiatives that address these pressing challenges while contributing to the realization of the SDGs and the African Union Agenda 2063.

### PROGRAMMES ACCREDITATION



The graduate programmes run at the Centre include PhD, MPhil, and MSc in the stated disciplines/ specializations. All the programmes are internationally and nationally accredited. In the year under review, re-accreditation documents were submitted to the Ghana Tertiary Education Commission for assessment and/ evaluation, seeking and reaccreditation for the programmes listed below. The current accreditations are set to expire by the end of 2025.

**PhD:**

Water Resources Engineering and Management  
Environmental Sanitation and Waste Management  
Water Supply and Treatment Technology

**MPhil:**

Water Resources Engineering and Management  
Water Supply and Environmental Sanitation

**M.Sc:**

Water Resources Engineering and Management  
Water Supply and Environmental Sanitation  
Environmental Sanitation and Waste Management (weekend)  
Water Supply Engineering & Management (weekend)  
Disaster Prevention & Management (weekend)  
Water Engineering (weekend)  
Water Resources Engineering & Management (weekend)

## Activities

### 16th AAU General Quadrennial Conference



The Association of African Universities (AAU) held its 16th General Quadrennial Conference on 21st to 25th July 2025 at Mohammed VI Polytechnic University (UM6P), Rabat, Morocco, themed shaping the future of higher education through innovation and sustainable development in Africa. The conference had over 500 participants — including university leaders, researchers, students, and development partners — to discuss transformative strategies for African higher education. The event featured high-level plenaries, stakeholder engagements, and technical sessions on research, innovation, digital transformation, and sustainable development.

#### **RWESCK's Participation and Achievements**

The Regional Water and Environmental Sanitation Centre Kumasi (RWESCK), KNUST, was privileged to participate, with three students' abstracts accepted for presentation — a milestone reflecting the Centre's research excellence.



**Mr. Kelvin Fiati** presented a GIS-powered Industrial Symbiosis Network connecting 95 Ghanaian SMEs for by-product reuse, advancing Ghana's zero-waste and circular economy agenda.



**Mr. Mandela Toku** shared findings on reducing harmful PAHs in smoked fish using liquid smoke from waste biomass — a sustainable food processing innovation.



**Kwadwo Gyamfi Simpe** presented Empowering the Next Generation for Flood Resilience through Isotope Science, promoting the integration of isotope hydrology into higher education. This innovative approach equips students with skills to identify water origins and flow paths, improving flood prediction and rapid response. By studying rainfall behavior and mapping groundwater movement, the research supports sustainable solutions for flood-prone communities.



RWESCK's Director, Prof. Richard Buamah, also contributed as a panelist in the session "Driving Excellence: Key Achievements and Lessons from the ACE Journey." He shared the Centre's sustainability strategy beyond the ACE project, emphasizing a forward-looking vision where impact is continuously scaled,



RWESCK's Director, Prof. Richard Buamah, also contributed as a panelist in the session "Driving Excellence: Key Achievements and Lessons from the ACE Journey." He shared the Centre's sustainability strategy beyond the ACE project, emphasizing a forward-looking vision where impact is continuously scaled, funding sources are diversified, and operational models are refined to ensure continued relevance and growth.

These contributions showcased RWESCK's capacity to produce practical, policy-relevant research with regional and global impact.

## FRESHMEN ORIENTATION

On 14 January 2025, the Centre held an orientation for its first-year students. The session aimed to introduce students to the academic and administrative structures of the centre, provide guidance on their academic journey, and offer essential support services.

The orientation began with a welcome address by Prof. Richard Buamah, who warmly received the new students into RWESCK community. He provided an overview of the various programmes offered at the centre, highlighting their structure and objectives. Additionally, he introduced the lecturers and staff, ensuring that students familiarized themselves with key personnel who would support them throughout their studies.



Following the welcome address, Dr. (Mrs.) Elizabeth Anokyewaa Fordjour from the counselling unit offered valuable advice to the students. She outlined the importance of maintaining a balanced academic and personal life and encouraged students to seek help whenever needed. She also informed them about the availability of individual counselling services provided by KCC Serving Training, located at the J-Harper Building.

### Presentations by Academic Departments

Since it was a combined orientation, lecturers from Structural Engineering and Transport Engineering gave detailed presentations on their respective courses. They outlined course expectations, teaching methods, and assessment criteria. The presentations provided students with a clear understanding of the academic rigor and opportunities within their fields of study.

### Closing Remarks

The orientation concluded with closing remarks by Prof. Buamah, who reiterated the Centre's commitment to providing quality education and support for its students. He encouraged them to stay focused and take advantage of the resources available at RWESCK to excel in their academic pursuits.

The event successfully set the stage for the first-year students, equipping them with the necessary information and support to begin their journey at RWESCK.



## Graduation Ceremony

The graduation ceremony held in June 2025 was a momentous occasion that celebrated the academic achievements of students across MSc, MPhil, and PhD levels. The event brought together faculty, industry partners, families, and friends in a warm and reflective atmosphere to honour the hard work, dedication, and resilience of our graduates.

This year, RWESCK proudly graduated (total number of students) students: three (3) MSc, seven (7) MPhil, and two (2) PhD candidates. Each graduate's journey represents more than academic success. It reflects the Centre's commitment to building capacity in water and environmental sanitation across Africa.

The graduation ceremony was not only a celebration of individual achievements but also a testament to RWESCK's mission of excellence, innovation, and impact. As our alumni network continues to grow, we look forward to seeing these graduates extend the legacy of RWESCK through research, policy, and practice in water and environmental sanitation.



## RWESCK PhD Viva Presentations – October 2025

The Regional Water and Environmental Sanitation Centre, Kumasi (RWESCK) held its PhD Viva presentations in October 2025, marking another milestone in the Centre's academic excellence and commitment to world-class postgraduate training. The session brought together members of the Graduate Committee, faculty supervisors, and external supervisors to evaluate the scholarly contributions of RWESCK's doctoral candidates.

Each PhD student presented their research work, showcasing strong analytical depth, innovation, and relevance to addressing water and environmental sanitation challenges within the West African region. The presentations reflected the Centre's multidisciplinary approach linking scientific inquiry with practical impact and demonstrated the high calibre of researchers nurtured through RWESCK's structured academic and research programmes.

All participating students performed exceptionally well, articulating their methodologies, findings, and policy implications with professionalism and clarity. Their outstanding performance underscored the effectiveness of RWESCK's mentorship, supervisory systems, and commitment to producing globally competitive scientists and researchers dedicated to advancing sustainable water management and environmental solutions.



## Service to Community

### Young Water Solutions Program



In May, RWESCK proudly continued its commitment to empowering the next generation of water sector leaders through the Young Water Solutions Program. This initiative, which focuses on building the capacity of young professionals in water and sanitation, brought together a dynamic group of participants with fresh ideas, strong ambition, and a deep passion for solving water-related challenges within their communities.

Over the course of the program, participants were taken through a well-structured curriculum that combined technical training, leadership development, and hands-on project design. Seasoned facilitators guided the sessions, creating a space for active engagement, cross-cultural exchange, and mentorship. One of the standout moments was when young innovators pitched community-based water solutions that addressed real-world problems such as access to clean



water, wastewater treatment, and sustainable water resource management. Beyond technical knowledge, the program nurtured soft skills—confidence, teamwork, and problem-solving—that are essential for driving long-term impact. It was particularly inspiring to witness how participants evolved over time, transforming initial ideas into actionable projects that are now in the early stages of implementation.

RWESCK remains deeply committed to providing a platform for young water professionals to grow and contribute meaningfully to the sector. As we reflect on this year's program, we are encouraged by the enthusiasm and potential of these emerging leaders and are confident that their contributions will help shape a more sustainable water future for Africa and beyond.

## Strengthening Water Safety Through WATSAN Training with Family Support Lifeline (FASUL)



As part of its ongoing community outreach and knowledge-sharing mandate, RWESCK served as a key resource partner in the annual WATSAN Committee workshop organized by Family Support Lifeline (FASUL) on May 16, 2024, at Ejisu Pentecost Church.

The workshop aimed to equip WATSAN committee members—community-appointed custodians of boreholes and wells—with the technical knowledge and practical tools needed to manage water infrastructure effectively and sustainably. RWESCK’s Centre Director facilitated an interactive session on causes of water pollution, focusing on the impact of pollutants such as mercury, cyanide, and arsenic—commonly linked to illegal mining (galamsey)—on groundwater sources.

The presentation illustrated how underground aquifers can transport contaminants across long distances, demonstrating that even regions not directly involved in mining, such as Kumasi, could be at risk due to activities in mining hubs like Obuasi. In addition, the session addressed practical borehole maintenance techniques to prevent bacterial seepage and extend the lifespan of water infrastructure.

This initiative reflects RWESCK’s commitment to bridging research with real-world applications and supporting local communities with science-based strategies to improve WASH outcomes. The training empowered participants to take proactive steps toward water safety, system sustainability, and public health protection.

## Capacity Building for Growth

### Seminar on Intellectual Property Rights and Business Protection



As part of RWESCK's ongoing commitment to equipping students with knowledge that transcends the classroom, a seminar was organized to explore Intellectual Property (IP) rights and practical business safeguards for innovators and entrepreneurs. This session provided participants with critical understanding into protecting ideas when engaging with investors or collaborators. One of the key themes was how to pitch innovative concepts without risking intellectual theft, a concern many entrepreneurs face. Participants were introduced to tools such as non-negotiable contracts and competing agreements, which can be employed to manage trust issues, protect ownership, and prevent conflicts of interest between co-founders and stakeholders.

The discussion was grounded through the analysis of real-life cases of idea theft and founder-investor conflicts, which brought to light the risks of informal arrangements and the need for well-structured legal protections.

Another important segment of the seminar delved into the six primary types of company registrations in Ghana, outlining their legal implications, benefits,

and potential risks. This gave participants a clearer understanding of which company structures best align with different business models and personal risk appetites.

Participants also received an overview of KNUST's policies on student-led innovations, particularly those developed using university resources. Under the institution's benefit-sharing framework, 60% of any revenue or financial recognition from such innovations is retained by the student or innovation team, while the university holds the remaining 40%, ensuring a balanced distribution of intellectual and financial reward.

The seminar concluded with a brief yet important discussion on will preparation and property sharing, emphasizing the need for legal clarity to prevent future disputes and safeguard generational wealth. Overall, the seminar was both informative and empowering, bridging the gap between technical innovation and legal/business literacy. It reinforced RWESCK's dedication to nurturing not only skilled professionals but also legally aware, ethically grounded, and investment-ready innovators.



## AAU Workshop on Positioning Universities for Global Visibility

The Association of African Universities (AAU) organised a three-day workshop on 'Positioning Your University for Global Visibility' from 6th to 8th May 2025. The workshop aimed to empower African universities and higher education institutions to strengthen their international presence, enhance global competitiveness, and foster meaningful partnerships through innovation, local relevance, and the responsible use of technology.

RWESCK was represented by Dr. Charles Gyamfi and Mr. Yaw Bempong, who participated actively in the discussions. Their participation was centred on learning how RWESCK, as one of Africa's Centres of Excellence, can apply global strategies in transnational education, open access, and digital marketing to boost its international visibility. From the sessions, RWESCK representatives gained valuable insights into how institutions can become globally competitive while maintaining local relevance.

### Key Insights for RWESCK

Three key pillars stood out for RWESCK during the workshop:

1. Transnational Education (TNE) – Expanding cross-border collaborations.
2. Open Access and Global Visibility – Enhancing the reach of RWESCK research.
3. Digital Marketing – Using digital tools to amplify RWESCK's brand.

At the end of the workshop, RWESCK gained valuable insights into positioning itself for global visibility. By deepening its transnational education strategies and amplifying its digital marketing efforts, the Centre can elevate its presence on the global academic stage.



## **RWESCK Strengthens Laboratory Excellence through ISO/IEC 17025:2017 Internal Auditors Training**



The Regional Water and Environmental Sanitation Centre, Kumasi (RWESCK), in collaboration with the Ghana Standards Authority (GSA), has commenced a five-day Internal Auditors training programme on the “General Requirements for the Competence of Testing and Calibration Laboratories” international standard (ISO/IEC 17025:2017).

The initiative seeks to enhance laboratory capacity, ensure quality assurance, and strengthen partnerships between academia and national regulatory bodies. By aligning with international standards, RWESCK aims to elevate its laboratories to globally recognized levels of operational excellence.

In his opening remarks, Prof. Buamah underscored the vital role laboratory professionals play in driving innovation and maintaining the integrity of scientific research. He emphasized RWESCK’s unwavering commitment to continuous improvement and collaboration with the GSA to achieve world-class laboratory competence.

Mr. Frimpong, Deputy Director-General of the Ghana Standards Authority, reiterated the importance of bridging the gap between academia and industry. He noted that standardization and accreditation are key to unlocking new opportunities in research, development, and innovation across Ghana and beyond.

This training underscores RWESCK’s ongoing dedication to capacity building, quality enhancement, and strategic partnerships that position its laboratories and by extension, its research outputs on the global stage.

## ALL4WASH Summer School 2025 – Building Capacity for Sustainable Sanitation



The ALL4WASH Summer School 2025, held from June 23 to July 3, 2025, in Arusha, Tanzania, brought together a diverse group of students, facilitators, and sanitation professionals from Africa, Europe, and beyond. Organized by the Nelson Mandela African Institution of Science and Technology (NM-AIST) in collaboration with ALL4WASH partners, the program was themed “Towards Sustainable and Resilient Onsite Sanitation in a Changing Climate.” Notably, students from the Regional Water and Environmental Sanitation Centre Kumasi (RWESCK), Ghana, participated actively, contributing their expertise and representing the Centre in discussions on sustainable water and sanitation systems.

The summer school featured 15 participants from Ethiopia, Ghana, Uganda, Mali, Tanzania, South Africa, and Norway, who were grouped into multidisciplinary teams to develop practical and innovative solutions to real-world sanitation challenges. More than 15 facilitators and coordinators, including Prof. Razak Seidu and Prof. Hans Komakech, delivered mentorship, lectures, and technical guidance on topics such as circular sanitation systems, inclusive design, and climate change adaptation. Field visits and group presentations allowed participants to explore challenges firsthand and present actionable ideas supported by expert feedback.

The program fostered a spirit of collaboration and cross-cultural exchange, enhancing participants’ understanding of sustainable sanitation systems and climate resilience. Through the involvement of RWESCK students and other international participants, the summer school strengthened professional networks, research capacity, and innovation across borders. It ultimately achieved its goal of preparing a new generation of sanitation leaders committed to advancing sustainable and inclusive sanitation solutions across Africa.

## RWESCK Enhances Regional Expertise through Isotope Training in Environmental Studies



The Regional Water and Environmental Sanitation Centre, Kumasi (RWESCK-KNUST), in collaboration with the Ghana Atomic Energy Commission (GAEC) and the Water Resources Commission (WRC), organized a five-day training course on “**Isotopes in Environmental Studies: Basic Principles, Data Analysis, and Analytical Methods Using Laser Spectrometry**” from 21st to 25th July in Accra, Ghana.

The training aimed to strengthen participants’ understanding and application of isotope techniques in environmental and water resources research. It brought together postgraduate scholars and research scientists from 13 institutions in Ghana, as well as international participants from Zimbabwe and Burkina Faso. The sessions provided both theoretical foundations and practical laboratory experience, enhancing participants’ capacity to conduct advanced environmental studies using laser spectrometry.

Supported by the EU-funded ACEWATER III Project under AUDA–NEPAD, the programme highlighted RWESCK’s dedication to building regional scientific capacity, promoting evidence-based research, and fostering international collaboration for sustainable water and environmental management.

Through initiatives like this, RWESCK continues to position itself as a hub for research excellence and innovation, driving practical solutions to environmental challenges across West Africa.

## WE-Africa TVET Workshop on Smart Membrane Solutions for Sustainable Water Management



The WE-Africa Membrane Knowledge Hub successfully hosted a three-day Technical and Vocational Education and Training (TVET) workshop at the Kwame Nkrumah University of Science and Technology (KNUST) from September 29th to October 1st, under the theme “Smart Membrane Solutions for Sustainable Water Management.” The workshop convened students, researchers, and industry professionals to enhance practical competencies in membrane technologies through intensive hands-on training and expert-led sessions.

Dr. Bennetta Koomson, Principal Investigator of the WE-Africa Membrane Hub, emphasized the need for innovative water treatment solutions to address Ghana’s growing contamination challenges. Facilitators from the University of Duisburg-Essen (Germany) and Fayoum University (Egypt) led practical sessions on polymeric membrane design, water chemistry, and nanomaterials, complemented by exercises using DuPont’s WAVE software for reverse osmosis and nanofiltration system design.

Notably, students from the Regional Water and Environmental Sanitation Centre Kumasi (RWESCK) actively participated in the workshop, deepening their technical knowledge and contributing to interdisciplinary dialogue on sustainable water management. Their involvement underscores RWESCK’s commitment to experiential learning and applied research in tackling West Africa’s water challenges.

The workshop concluded with certificate presentations and special recognitions for outstanding participants. Funded by DAAD with support from BMZ, the initiative forms part of WE-Africa’s broader mission to build Africa’s capacity in sustainable water and energy technologies through training, education, and applied research.

## Education on Current Industrial Trends and International Exposure

### Webinar Series

The Regional Water and Environmental Sanitation Centre, Kumasi (RWESCK) successfully hosted two insightful webinar sessions focused on advancing knowledge and innovation in sustainable water treatment systems. The sessions “Emerging Technologies for Water Treatment: From Raw Water Source to the Tap” and “Various Applications of Membrane Technology: Case Studies of Drinking Water Production” delivered by Dr. George Adjei and Dr. Alex Anim-Mensah brought together experts, researchers, and students to explore cutting-edge approaches in water purification and management.

These webinars formed part of RWESCK’s capacity-building agenda, equipping postgraduate students and early-career professionals with practical insights into emerging technologies that are redefining the water sector. Participants gained a deeper understanding of how advanced filtration systems, membrane applications, and technology-driven interventions can transform access to clean and safe drinking water particularly in developing regions.

Beyond academic enrichment, the sessions reinforced RWESCK’s commitment to producing impact-driven graduates capable of translating research into real-world solutions. By bridging theory and practice, the webinars empowered participants to contribute meaningfully to sustainable water management, public





health improvement, and community resilience in Ghana and across West Africa.

Through these knowledge-sharing platforms, RWESCK continues to foster innovation, collaboration, and leadership in addressing the region’s most pressing water and environmental sanitation challenges.

## Partnership and Collaboration

### **Strengthening Alumni Engagement through the RWESCK Alumni Platform**

The Regional Water and Environmental Sanitation Centre, Kumasi (RWESCK) has established an innovative Alumni Platform designed to foster strong interconnections between the Centre and its growing network of graduates. This initiative forms part of RWESCK's broader strategy to enhance collaboration, mentorship, and professional development across the water and environmental sanitation sectors in Africa.

Through the platform, alumni actively engage with current students, sharing insights from research, industry practice, and entrepreneurship. These interactions have created a vibrant ecosystem that supports career growth, research collaboration, and knowledge exchange. Significantly, the platform has strengthened RWESCK's internship and mentorship programmes, enabling students to gain practical, real-world experience within partner institutions and organizations where alumni now serve.

By maintaining continuous engagement with its alumni community, RWESCK is not only extending its impact beyond graduation but also building a sustainable pipeline of skilled professionals committed to advancing water and environmental sanitation solutions across the region.

# Annex

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# 2025 REPORT

**PARTNERS**

**IMPLEMENTING PARTNERS**