



ERB

Newsletter.

July,30,2025



The JP Magufuli Bridge More than just concrete and steel, the JPM Magufuli Bridge stands as a testament to the power of engineering, drastically improving connectivity and fostering economic growth in Tanzania and beyond.

Readers note:

Dear Readers,
Welcome to this edition of the ERB Newsletter. It is with great pride that we share the milestones, innovations, and collaborations that continue to shape the engineering profession in Tanzania. At ERB, we remain committed to promoting excellence, accountability, and professional growth among engineers. As you read through these stories, I invite you to reflect on our shared responsibility to uphold the highest standards in engineering

practice.

Together, we are building a resilient and progressive future. Thank you for being part of this journey. Warm regards,
Eng. Bernard Kavishe
Registrar, Engineers
Registration Board (ERB)



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Mwanza's New Landmark: J.P. Magufuli Bridge Hailed as Five-Star

Mwanza, Tanzania – June 19, 2025 – Mwanza's landscape was forever changed last month with the official inauguration of the monumental J.P. Magufuli Bridge. On June 19th, President Dr. Samia Suluhu Hassan presided over the historic ceremony, marking the completion of what the Engineers Registration Board (ERB) has proudly hailed as a "five-star" standard bridge, a testament to world-class engineering and a beacon of national progress. Speaking from the impressive new structure on the day of its launch, Engineer Bernard Kavishe, Registrar of the ERB, underscored the bridge's exceptional quality.

He emphasized that the J.P. Magufuli Bridge was conceived and constructed to the most stringent international standards, incorporating advanced technologies and benefiting from the expertise of globally qualified engineers.

"This bridge is a marvel of modern engineering," Engineer Kavishe stated, highlighting its innovative design for enhanced safety. "With two dedicated lanes for traffic in each direction, meticulously separated, the probability of accidents on this bridge is virtually

zero. It's built to ensure the safest possible passage for everyone." Beyond its immediate impact on local travel, dramatically cutting crossing times across the Mwanza

Gulf of Lake Victoria from hours by ferry to mere minutes, the J.P. Magufuli Bridge holds significant continental importance. Eng. Kavishe proudly announced, "This Bridge is internationally recognized as the sixth longest bridge in Africa."

This impressive ranking not only showcases Tanzania's growing capabilities in large-scale

infrastructure but also solidifies its strategic position in regional connectivity, linking Kigongo and Busisi and opening up crucial routes for trade and tourism.

The official opening of the J.P. Magufuli Bridge on June 19th signifies more than just a completed construction project. It ushers in a new era of efficiency, safety, and economic opportunity for Mwanza and the entire Lake Zone, standing as a powerful symbol of Tanzania's commitment to ambitious development and a brighter future.



Photo: J.P. Magufuli Bridge Connects Kigongo and Busisi in Mwanza Region

ERB Holds 113th Board Meeting and Bids Farewell to Outgoing

Dar es Salaam, On Friday, 13 June 2025, the Engineers Registration Board (ERB) convened its 113th Ordinary Board Meeting for the fourth quarter at the Board Room on the 12th floor of the PSSSF Commercial Complex in Dar es Salaam. The high-level session brought together Board Members and the ERB Management Team (EMT) to deliberate on strategic issues related to the regulation of the engineering profession in Tanzania. Chaired by ERB Board Eng. Menye Manga (Adv.), the session covered a range of key issues including progress on the implementation of the current strategic plan, updates on regulatory compliance, as well as the approval of registration categories.

In a special moment following the official agenda, the Board hosted a farewell party to honor outgoing members whose three-year terms, which began in 2022, had come to an end. The farewell ceremony

recognized their dedicated service, incredible leadership, and significant contributions to advancing ERB's mission during their tenure.

On behalf of the ERB Secretariat, Registrar Eng. Bernard Kavishe expressed gratitude for the guidance provided by the departing members, adding that their work has laid a strong foundation for the future of engineering regulation in Tanzania, "Your legacy will remain implanted in the history and progress of this Board," he said.

The farewell celebration was filled with warmth and camaraderie, featuring the presentation of appreciation plaques, shared reflections, and group photographs.

It was a moment to honor not only the achievements but also the personal connections built over the past three years.



PHOTO: ERB Board Members third from left is ERB Registrar and ERB Lawyer (first from right) After 113th Board Meeting

Engineers Identified as Key Enablers of Tanzania's Development Agenda

Dar es Salaam — The Chief Executive Officer of the Tanzania Private Sector Foundation (TPSF), Mr. Raphael Maganga, has emphasized the critical role of engineers in achieving the country's long-term development goals outlined in the National Development Vision 2025–2050.

Speaking during the closing ceremony of a three-day Structured 20th, Engineers Apprenticeship Programme (SEAP) induction seminar Organized by EngineerRegistration Board (ERB) in Dar es Salaam, Mr. Maganga highlighted that engineers are the backbone of national progress and are instrumental in addressing society's challenges across all sectors. "The private sector and the nation at large need engineers who bring solutions, not complaints," he said.

"We are aiming for a Tanzania that generates over a billion dollars in domestic economic output by 2050, and engineers are at the core of building the infrastructure to make that possible."

The SEAP seminar, organized by the Engineers Registration Board (ERB), is part of a practical training program designed to link graduate engineers with various institutions to gain hands on experience in the engineering field.

Maganga underscored the importance of modern infrastructure including roads, railways, energy systems, housing, and technology stating that these are all areas that require the expertise and innovation of engineers.

He also urged young people to embrace innovation and utilize digital tools for continuous learning.

"The internet is full of both harmful and useful content. Choose to focus on the positive learn something new every day so you can stay competitive in the job market," he advised.

The SEAP program continues to play a vital role in equipping graduate engineers with the practical skills necessary to support Tanzania's industrialization and development goals.



**The Chief Executive Officer of the Tanzania Private Sector Foundation (TPSF),
Mr. Raphael Maganga,**

ERB Registrar Urges Graduate Engineers to Register with TaESA for Enhanced Employment Prospects

Dar es Salaam — Eng. Bernard Kavishe, the Registrar of the Engineers Registration Board (ERB), recently encouraged graduate engineers to register with the Tanzania Employment Services Agency (TaESA). He emphasized how significantly important to boost their eligibility for a wide array of job opportunities facilitated by the agency.

Eng. Kavishe shared these insights during the closing ceremony of a three-day SEAP induction seminar for graduate engineers.

This seminar served as a crucial preparatory step for their participation in the Structured Engineers Apprenticeship Programme (SEAP). The SEAP, administered by the ERB, is a comprehensive three-year hands-on training initiative specifically designed to equip graduate

engineers with the practical skills essential for becoming Professional Engineers.

According to Eng. Kavishe, registering with TaESA offers a multitude of advantages. The most significant benefits include access to job opportunities, opportunities for professional training, and invaluable expert career guidance.

These vital services are all provided under the umbrella of the Prime Minister's Office through TaESA.

The seminar, held at the PSSSF Complex in Dar es Salaam, brought together over 200 graduate engineers. All participants are poised to embark on their three-year SEAP journey, which will provide them with invaluable hands-on experience in various companies and institutions engaged in engineering works.



Photo: ERB Registrar Speaking to graduate engineers, During SEAP Induction seminar in Dar es Salaam

The Leading Change and Enduring Legacy for Engineer Abdulkarim Majuto's role in Tanzania's infrastructure development and Mentoring

In the story of Tanzania's infrastructure transformation, few names resonate as deeply as Engineer Abdulkarim Majuto, his career is a testament to dedication, skill, and an unwavering commitment to national development. From his early days as a trainee to his leadership role in one of East Africa's most iconic

pad. It gave me the foundation to become the Engineer I am today," he often reflects.

After SEAP, Engineer Abdulkarim rapidly rose through the ranks working with notable Consulting firms in the country. His early roles included contributing to the construction of Sam Nujoma Road in Dar es Salaam, followed by a strategic position at Twiga Cement, where



Photo: Engineer Abdulkarim Majuto

engineering projects, the J. P. Magufuli Bridge (Kigongo-Busisi), his journey reflects not only technical brilliance but also a deep commitment to local capacity building and professional mentorship.

After graduating from the University of Dar es Salaam in 2005 with a degree in Civil Engineering, Abdulkarim took his first professional steps through the Structured Engineering Apprenticeship Programme (SEAP). Between 2006 and 2009, he was immersed in rigorous hands-on training, learning under the guidance of seasoned engineers on active construction sites.

SEAP shaped him into a well-rounded professional instilling in him not just technical skills in materials engineering, but also discipline, ethics, and an appreciation for the role of engineers in national development.

"SEAP wasn't just a training program it was a launch-

he deepened his understanding of cement and construction materials.

His expertise was soon recognized beyond Tanzania's borders, leading him to work on infrastructure projects in Rwanda, showcasing his versatility and ability to adapt to different construction environments.

A testament to his versatility and crossborder capability. On returning home, he continued to contribute to numerous vital national projects, solidifying his reputation as one of Tanzania's most trusted Materials Engineers.

Abdulkarim's career reached new heights when he served as Materials Engineer from the consultant team for the Nyerere Bridge (Kigamboni), a 680-meters engineering marvel in the city of Dar es Salaam.

Overseeing materials testing, compliance, and quality assurance, he ensured that the project met international

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113th Board meeting in Pictures



standards from foundation to final finish.

But it was the J.P. Magufuli Bridge (Kigongo–Busisi), Which spans for 3 kilometers across Lake Victoria that became his crowning achievement.His supervision from the initial stage of such a vast project highlights his critical role in shaping Tanzania’s connectivity.

Since 2020, Engineer Abdulkarim has been at the heart of the J. P. Magufuli Bridge Project, overseeing all aspects of material selection, testing, and quality control. This bridge, the impressive and longest in East and Central Africa, is a transformative link between Kigongo (Misungwi District) and Busisi (Sengerema District), enabling connectivity and boosting regional trade, mining, and investment.

His leadership was not limited to technical oversight. As the project’s SEAP Mentor, he trained and supervised 13 young engineers and guiding them. These trainees were given handson experience in realtime construction challenges just as he had received 15 years earlier.

“Mentoring those trainees was my way of giving back. I saw myself in them. My goal was not just to teach them engineeringbut also to prepare them for leadership and taking up management roles in the future,” he says.

His role in the SEAP program now comes full circle: from being mentored, to becoming a mentor, contributing directly to Tanzania’s local content policy and national engineering capacity.

Engineer Abdulkarim Majuto is a firm advocate of professional registration. As a registered Professional Engineer since 2010, he understands the value of formal recognition.

“Being registered is not just about the titleit’s about responsibility, standards, and the opportunity to grow,” he explains.

He encourages all young engineers to register early, noting that without it, career progression and salary growth remain limited.

He elaborates on the tangible benefits of being a pro-

fessional engineer. Firstly, it bestows upon an individual the full qualification and official recognition as an “ENGINEER.” Furthermore, professional registration is crucial for career progression, allowing engineers to climb the ranks and improve their earning potential. Without ERB registration, advancements in both title and remuneration become significantly limited.

Majuto’s own journey serves as a powerful example of how professional accreditation can pave the way for a successful and impactful career in engineering.

When asked about the secret behind his resilience and long-term project success, he simply replies: patriotism and patience.He emphasizes that these virtues have been the bedrock of his engineering career, guiding him through every project he has overseen.

“Many engineers start projects but don’t finish them. I believe in seeing things through, at J. P. Magufuli Bridge, I never gave up,despite challenges sometimes arising I persevered “and that sentiment underscores his resilience and unwavering commitment in building his experienceand reputation.Today, Engineer Abdulkarim Majuto is widely regarded as one of Tanzania’s leading experts in Materials Engineering. His mastery in bitumen, aggregates, cement, emulsion, and testing protocols has set national benchmarks. His contribution to durability, safety, and compliance in major road and bridge projects has positioned him as a goto professional in the field.

Engineer Abdulkarim Majuto’s story is a powerful example of how structured training (SEAP), technical excellence, and a spirit of mentorship can transform not just an individual, but an entire sector.

From a SEAP trainee in 2006 to the Senior Materials Expert and Mentor at the J. P. Magufuli Bridge, his journey reflects what is possible when skill meets purpose. His legacy is not just built-in concrete and steelbut in the young minds he has trained, the standards he has raised, and the nation he continues to build.

ERB SEPTEMBER TO REMEMBER

September 2025

Sun	Mon	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

ERB SEPTEMBER EVENTS

- Sept. 15 - 19 - Engineers CSR Week
- Sept. 21 - 23 - Youth in Engineering Forum (YEF)
- Sept. 24 - 26 - Annual Engineers Day (AED)
- Sept. 25 - Professional Oath Taking (Dar es Salaam)
- Sept. 27 - ERB RUN FOR STEM
- Sept. 28 - Mikumi Excursion



Eng. Amb. Aisha Salum Amir, Permanent Secretary at the Ministry of Works, addressing the public during the Annual Engineers Day 2024 held at Mlimani City.

ENGINEERS' CSR WEEK:

The ERB is known for its initiatives that extend beyond professional development, such as promoting STEM education. This is from September 21st to September 23rd all over the country 2025.

Youth science and Technology: This event is specifically for young engineers and startups in science and technology it's designed to provide a platform for them to explore and develop entrepreneurial opportunities. It's a great chance for the next generation of engineers to network and present their innovative ideas.

This is from September 9th to September 19th all over the country .

YOUTH IN SCIENCE AND TECHNOLOGY FORUM

This event is specifically for young engineers and startups in science and technology it's designed to provide a platform for them to explore and develop entrepreneurial opportunities. It's a great chance for the next generation of engineers to network and present their innovative ideas. This is from September 9 to September 19th all over

ERB RUN FOR STEM:

This is a marathon or fun run designed to raise funds and awareness for STEM education in primary and secondary schools. The proceeds from this event are used to support volunteering STEM teachers, e library and science laboratories.

At UDASA Grounds, University of Dar es Salaam

ANNUAL ENGINEERS DAY:

This is a flagship event that brings together engineers and stakeholders to discuss and showcase contemporary engineering matters. This year's theme is "Achieved Vision 2025 and Advancing towards Vision 2050: The Role of Engineers," which highlights the profession's crucial role in national development goals. This is from September

MIKUMI EXCURSION:

This is a trip to Mikumi National Park, is on 28th September 2025, which offers engineers a chance to see a major piece of modern engineering—the Standard Gauge Railway (SGR)—in action, while also enjoying a safari and connecting with colleagues in a more relaxed setting and Mikumi national park game reserve.

Trip departs from Dar es Salaam.



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