



Issue 69 April - June 2025

Engineering

A publication of the Engineering Institution of Zambia

echo

EIZ embarks on its rebranding journey

Story on Page 6

Inside this issue

EIZ continues making steady progress towards IEA membership

Page 8

PMI,EIZ partnership to enhance project management in Zambia

Page 13

Women in engineering: A movement of empowerment and excellence

Page 16



Page 11

Inside this issue

- 7** 10% of annual road sector work plan budget recommended for research and development
- 8** Eng. Kaluba stresses the need for aligning Zambia's engineering education with international standards
- 9** Empowering future engineers: ZARENA mentorship graduates celebrated
- 10** NCC, EIZ confer
- 10** Graduates challenged to innovate Zambia's future
- 14** Professionals empowered with practical training on bidding and project management
- 14** Oxygen Alliance partners with EIZ to boost biomedical engineering
- 15** Unforgettable night at the 2025 gala dinner
- 18** Forging the future: CTS steps into the spotlight
- 20** Zambian girl shines in FAEO-WIE STEAM art competition 2024
- 20** Labour Day celebrated with focus on homegrown solutions



On the Cover

From paper to sparks, this is where ideas ignite reality.

The Editorial Team

Editor Eng. Prof. John Siame

Sub -Editor Eng. Grain Munakaampe,
Ntalasha M. Yulu

Writers Cynthia C. Ngwengwe, Abigail Hampande

Layout and Graphic Designer didasteez@gmail.com

The Engineering Echo

Stand No 2374, Kelvin Siwale Road,
Showgrounds, Lusaka, Zambia.

Tel +260 960 373849

email: pr@eiz.org.zm, membership@eiz.org.zm

Web www.eiz.org.zm

Disclaimer

The Publisher, Contributors, Editor, Editorial committee and related parties disclaim all liability and responsibility to any person or party be they a reader or consumer of this newsletter or not regarding the consequences and outcomes of anything done or omitted to be done in reliance whether partly or solely on the contents of this newsletter.

© 2025 EIZ Publication

Foreword from the Editor

Dear Readers,



We're excited to share the latest news from the Engineering Institution of Zambia, covering the second quarter of 2025. This Issue will provide you with the essential information and analysis you need to stay ahead of the curve.

We're diving into some key areas that are shaping our industry, such as the pursuit of full signatory to the International Engineering Alliance, beginning with the Washington Accord and we are delighted with the strides we have so far made to achieve this. We'll explore the need for aligning Zambia's engineering education with international standards so that we place our country on the global map!

In this Issue, you will also find a story on the recommendations EIZ has made to government, through the parliamentary committees, to allocate at least 10% of annual road sector work plan budget for research and development.

We encourage you to read on and discover how these developments might impact you and what steps you can take to capitalize on them. Don't forget to check out a story on the inaugural Craftspersons and Technicians sections conference, held at the Avani Victoria Falls Resort in Livingstone,

marking a major milestone in the country's engineering journey.

The Engineering Echo is committed to providing you with insightful content and fostering meaningful discussions.

In this regard, let me thank my Sub-editors who have been responsible for selecting and publishing articles that are groundbreaking, rigorous, and of the highest quality. I would also like to thank our writers for such excellent work and exceptional contributions.

We hope this edition inspires you to take action and make a difference as a critical part of our Institution.

Enjoy your reading!

Eng. Prof. John Siame

Chairperson of the EIZ publications and Editorial Committee

The Editorial Team



Eng. Grain Munakaampe
Editor - Secretary of the Publications and Editorial Committee



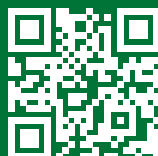
Ntalasha Yulu
Sub-Editor and Writer - Public Relations and Marketing Manager



Cynthia C. Ngwengwe
Writer - Communications Officer



Abigail Hampande
Writer - Communications Assistant



Would you prefer to receive this newsletter by email? Opt out of receiving hard copies by contacting us at eiz@eiz.org.zm

Or by scanning the QR Code

Message from the Registrar and Chief Executive Officer

Dear Readers,

As we close the second quarter of 2025, I am pleased to share the Engineering Institution of Zambia's continued journey of transformation, engagement, and excellence. This quarter has been rich with collaboration, strategic milestones, and renewed commitment to empowering our members and advancing national development through engineering.

Our rebranding journey, launched during a Stakeholder Engagement Breakfast meeting in April, represents more than a change in image, it reaffirms who we are and where we are going. By realigning our corporate identity, physical infrastructure, and institutional culture, we are positioning EIZ as a visible and vital contributor to Zambia's development aspirations. I wish to thank all stakeholders who joined us in shaping this process. Your voices and insights are foundational to building a stronger, more cohesive Institution.

In pursuit of national impact, we made a significant submission to the Committee on Transport, Works and Supply, recommending the allocation of 10% of the annual road sector budget to Research and Development. This bold proposal underscores our belief in evidence-based engineering solutions and reflects our mission to contribute meaningfully to sustainable infrastructure development.

The second quarter also marked a major milestone in our bid for membership in the International Engineering Alliance (IEA). Through strategic collaborations and capacity building workshops, we are making steady progress toward aligning our qualifications with international benchmarks, ensuring that Zambian engineering professionals are globally competitive and recognised.

We also witnessed growing momentum within our specialised sections. The Craftpersons and Technicians Section (CTS) hosted their first-ever conference, whilst ZWES held its inspiring 7th Annual Conference. Meanwhile, our Biomedical Engineering Section entered a promising partnership with Oxygen Alliance. These initiatives

As part of our commitment to professional development, we hosted a nationwide training workshop to build member capacity in bidding for public projects and accessing the Constituency Development Fund (CDF).



The establishment of the Engineering Fund is nearing completion with the necessary policies and procedures developed. We are confident that this will spur the creative minds of our innovative engineering professionals and students.

As we look ahead, our focus remains on adding value to our members, nurturing young talent, and strengthening the engineering profession's role in national development. With your continued support, we are confident that EIZ will continue to lead, influence, and inspire.

Let us move forward with purpose, unity, and a shared commitment to excellence.

Have a great reading!

Eng. David Kamungu

EIZ Registrar and Chief Executive Officer

Public Relations Manager's Comment

Dear Readers,

I'm thrilled to share a collection of stories and articles that we believe will both inform and inspire you!



Our goal is to provide a platform for thoughtful conversation and action, encouraging members to connect with the Institution, with each other, and with their own potential for positive change.

I am excited to draw your special attention to a story on rebranding that is showing our ambitious journey to redefine the Institution's identity, enhance visibility and re-position itself as a key player in national development. The rebranding initiative is not just about aesthetics, but a deeper institutional transformation aimed at aligning EIZ with global standards, strengthening stakeholder engagement, and enhancing national development.

These and many other stories aim to provide you with a diverse range of content that sparks conversation and expands your horizons. I therefore hope this issue reflects that commitment and resonates with your interests.

We continue to be impressed with how the sections and branches are giving us leads through the many new interesting things they are doing to push boundaries. We would like to hear more of those stories. So please do share those activities and captivating professional experiences so that others can hear about them.

We hope going through this newsletter is as enjoyable for you as it is for us bringing it to you. So, turn the page, explore the stories within, and let this issue spark your own journey towards a more sustainable future. We hope it inspires you to make a difference, one step at a time.

Your feedback is invaluable as we strive to create a newsletter that truly connects with your passions and curiosities. Reach out and share your thoughts with me at Ntalasha.yulu@eiz.org.zm.

Have a great reading!

Public Relations Manager

"So, turn the page, explore the stories within, and let this issue spark your own journey towards a more sustainable future.."



Rebranding journey begins

The Engineering Institution of Zambia (EIZ) has embarked on an ambitious journey to redefine its identity, enhance visibility and re-position itself as a key player in national development.

During a Stakeholder Engagement Breakfast meeting held at Radisson Blu Hotel on 9th April 2025, EIZ unveiled its plans to revamp its image through a comprehensive rebranding strategy - a critical component of its 7-point Plan.

The Institution will undertake this project threefold: Rebranding the corporate image, rebranding the physical identity and rebranding the institutional culture.

The aim of the meeting was to keep members and stakeholders engaged throughout the rebranding journey, which is essential for ensuring alignment, fostering support, and gathering valuable insights.

EIZ President, Eng. Wesley Kaluba, said, “You all play a critical role in shaping the rebranding strategy and its execution. We want to foster open communication and address your concerns and expectations by building a strong coalition of support, EIZ will navigate the complexities of rebranding more effectively, ultimately leading to a cohesive and successful brand transformation that resonates with all members and stakeholders.”



Eng. Kaluba

“Your perspectives are crucial in this process, as they the foundation for a collaborative and effective transition. You all bring unique insights and concerns that can shape the rebranding journey because you possess diverse interests and motivations.”

Eng. Kaluba emphasised that the rebranding initiative is

not just about aesthetics, but a deeper institutional transformation aimed at aligning EIZ with global standards, strengthening stakeholder engagement, and enhancing national development.

The Stakeholder Engagement meeting drew participation from senior engineers, industry CEOs, government representatives, and professional members, all offering insights to shape the institution’s future.

“Your perspectives are crucial in this process, as they the foundation for a collaborative and effective transition. You all bring unique insights and concerns that can shape the rebranding journey because you possess diverse interests and motivations.”



Eng. Francis Mwale making a submission



EIZ President Eng. Wesley Kaluba leading the EIZ team before parliamentarians.

10% of annual road sector work plan budget recommended for research and development

The Engineering Institution of Zambia (EIZ) has called on Government to allocate 10 percent of the annual road sector budget to Research and Development.

This recommendation was made last month during EIZ's submission to the Committee on Transport, Works, and Supply, following the release of the Auditor General's special audit report on the Road Development Agency (RDA) for the financial years ending 31st December 2017 to 2022.

EIZ President, Eng. Wesley Kaluba, emphasised that dedicating a portion of the road budget to Research and Development is crucial for improving the quality, efficiency, and sustainability of Zambia's road infrastructure. He stated that research plays a key role in guiding project planning, ensuring value for money, and embracing innovative practices in engineering and construction.

"This investment in research will help identify the best technologies and materials

suited to our local conditions, enhance project management practices, and prevent the repetition of costly mistakes," he said.

The special audit report highlighted several inefficiencies in the road sector, including poor project planning, unbudgeted for expenditures, and delays in payments to contractors, issues that have led to avoidable penalties and interest charges.

In response, EIZ proposed practical solutions such as proper budgeting, timely release of funds, and the engagement of qualified consultants to ensure quality assurance.

Further supporting the recommendations, EIZ Vice President for Policy, Public Relations, and National Development, Eng. Kennedy

Musonda, stressed the importance of using systematic processes such as those outlined in FIDIC (International Federation of Consulting Engineers) standards, which are grounded in quality and time management.

Additionally, Engineering Technical Committee Chairperson, Eng. William Mulusa, underscored the need for engineering professionals to be certified in project management to improve delivery and oversight.

President Kaluba also pointed out that many failures in the road sector do not just come from technical issues, but from governance systems. He noted that if project governance, from initial pronouncement through implementation is strengthened, engineering professionals would be better

equipped to deliver successful outcomes.

"The implementers of projects also need protection through strong governance structures," he said, adding that, "Stakeholders should avoid making pronouncements before conducting proper feasibility studies."

He further commended the Government's shift towards innovative financing mechanisms, such as Public-Private Partnerships (PPPs), citing the Lusaka-Ndola dual carriageway project as a positive example. However, he cautioned that while PPPs are a promising approach, they also present potential risks and should be handled transparently. "Before agreements are signed, they should be made public to allow for scrutiny," he added.

EIZ continues making steady progress towards IEA membership

The Engineering Institution of Zambia (EIZ) is making steady progress in its bid for full membership in the International Engineering Alliance (IEA), a global body that promotes best practices in engineering education and professional standards.



IEA committee

In collaboration with the Engineering Council of South Africa under a mentorship Memorandum of Understanding (MoU), EIZ is aligning Zambia's engineering qualifications with international benchmarks to enhance the quality and global mobility of Zambian engineers.

A key milestone in this process was a workshop held from 13th to 16th May 2025 at Sandy's Creations event park, in Lusaka.

The activity focused on integrating the Washington Accord Graduate Attributes into selected degree programmes at the University of Zambia,

Copperbelt University, and Mulungushi University, covering Chemical, Electrical and Electronics, Mining, and Mechanical Engineering.

EIZ Vice President Eng. Kennedy Musonda commended the universities and the Higher

Education Authority for their support.

Chairperson of the EIZ IEA Committee, Eng. Dr. Michael Kalumbu Nsefu, applauded the full participation and collaboration, noting that it was vital to advancing the application to the IEA.

Eng. Kaluba stresses the need for aligning Zambia's engineering education with international standards

...as he calls for stronger collaboration between academia and industry

Delivering the inaugural civil engineer lecture at Northrise University on 24th April 2025, EIZ President Eng. Wesley Kaluba provided a detailed overview of the state of Zambia's infrastructure, highlighting critical challenges across key sectors such as

roads, bridges, water supply, sanitation, electricity, and ICT.

He emphasised the urgent need for sustainable engineering solutions, the pivotal role of education in addressing the skills gap, and the importance



EIZ President chats with Northrise University Principal Dr. Moffat Zimba before his lecture

Empowering future engineers: ZARENA mentorship graduates celebrated

The Engineering Institution of Zambia (EIZ) proudly joined the Zambia Renewable Energy Association (ZARENA) in celebrating the successful graduation of mentees from the inaugural ZARENA Mentorship Programme held under the theme “Empowering Minds: Advancing Renewable Energy in Zambia.”

The graduation ceremony which was held on 17th May 2025, marked a milestone in Zambia’s transition towards a more sustainable energy future by developing a skilled and passionate renewable energy workforce.

EIZ President Eng. Wesley Kaluba, in his keynote address, highlighted the value of structured mentorship, stating, “Every young engineer deserves a mentor -someone who not only helps sharpen their technical skills, but also provides encouragement, perspective, and accountability.”

Also speaking at the event was Prof. Joseph Mutale, Chairperson of the ZARENA Board, who emphasised the programme’s broader vision: “Through this mentorship journey, we have witnessed the



EIZ President Eng. Kaluba (m) as Guest of Honour

nurturing of creative ideas, the exchange of knowledge, and the development of problem-solvers who will champion innovation within our energy sector”, he said.

For 90 days, mentees engaged with industry experts, participated in real-world

problem solving, and built strong connections between academia and industry. The programme also demonstrated the vital role of collaboration in strengthening Zambia’s renewable energy value chain.

EIZ commended ZARENA and the dedicated mentors whose

selfless contributions have shaped the future of the sector. As Eng. Kaluba affirmed, “Let this graduation not be the end, but the beginning of a lifelong learning journey.”

of aligning Zambia’s engineering education with international standards through organisations like

the International Engineering Alliance.

Eng. Kaluba also stressed the need for stronger collaboration between academia, industry, and government to drive the infrastructure improvements necessary for national development.

The event included a guided tour of the University’s civil engineering laboratories and facilities, offering stakeholders a firsthand look at Northrise University’s commitment to engineering excellence.

In his closing remarks, Northrise University Vice

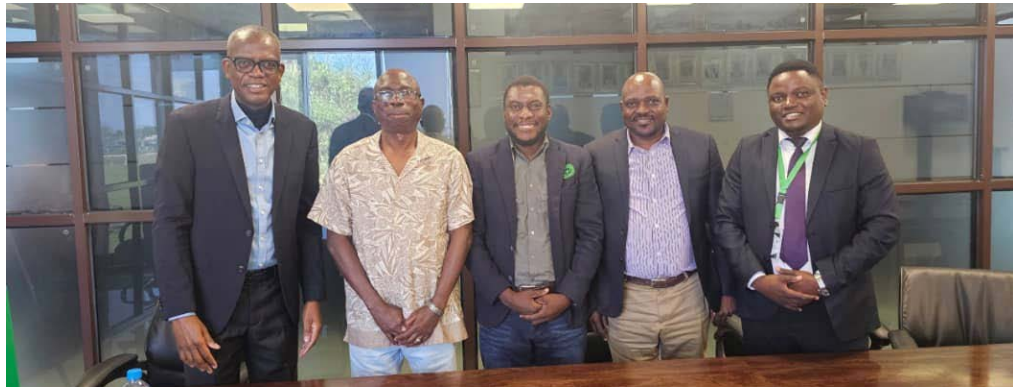
Chancellor and Founder Dr. Moffat Zimba expressed heartfelt gratitude to Eng. Kaluba and the EIZ team for inspiring the students. “We are honored to have hosted such a distinguished speaker for this historic event. Your insights have planted seeds of innovation and responsibility in the minds of our future engineers. Thank you for challenging us to rise to the occasion,” he said.



Eng. Kaluba delivering his lecture

NCC, EIZ confer

The National Council for Construction (NCC) paid a Courtesy Call on the Engineering Institution of Zambia in May, to discuss ways of strengthening collaboration.



L – R, EIZ Immediate Past President Eng. Abel Ngandu, NCC Board Chairperson Eng. Ngenda Situmbeko, EIZ Vice President PPRND, NCC Board member Mr. Edgar Siakachoma and EIZ Registrar Eng. David Kamungu

NCC Newly appointed Board Chairperson Eng. Ngenda Situmbeko was accompanied by his Board Member for Finance and Administration, Mr. Edgar Siakachoma.

EIZ Vice President for Policy, Public Relations and National Development, Eng. Kennedy

Musonda, led the EIZ team which included Immediate Past President Eng. Abel Ngandu, Past President Eng. Eugene Haazele and EIZ Registrar and Chief Executive Officer Eng. David Kamungu.

The team discussed ways of harmonising the mandates of the two Institutions,

to establish a strategic partnership that will enhance standards in the construction and engineering sectors.

They also deliberated on strengthening relations for issuance of licences and building capacity for members to contribute effectively to the development of the country.

NCC and EIZ further resolved to establish a strong monitoring programme on Constituency Development Fund (CDF) projects, to ensure that the local contractors who are being engaged to undertake various projects exhibit the highest levels of professionalism and deliver projects of high quality.

Graduates challenged to innovate Zambia's future

Mulungushi University celebrated its 2025 graduating class of engineers with an inspiring dinner event at Mulungushi River Resort in Kabwe on where future engineering professionals were urged to become changemakers in a rapidly evolving world.

Held under the theme “Designing a Brighter Future: Engineering Solutions for a Sustainable Society,” the evening brought together industry leaders, faculty, and students for a celebration of achievement and a call to action.

Delivering the keynote address, Guest of Honour Eng. Kennedy Musonda, EIZ Vice President for Policy, Public Relations, and National Development, congratulated the graduates and challenged them to be at the forefront of national transformation.

“The Engineering profession is not just about solving technical problems, it’s about improving the quality of life for people across our country and beyond,” he said.

He urged graduates to explore opportunities in sectors such as energy and technology, particularly through the use of artificial



EIZ Vice Presidents presenting awards

intelligence to tackle issues like climate change and food security.

“Now more than ever, we need young people to bring new ideas and solutions.

Let’s put our minds together and make historical breakthroughs,” he added.

Continued on page 16

Engineering: A hub of possibilities



EIZ members of the secretariat celebrate victory.

EIZ participated in the 2025 Copperbelt, Agricultural, Mining, Industrial, Networking Enterprise (CAMINEX) in May, under the theme, "Creating a regional hub of possibilities. Partnerships. Production. People."

Interpreting the theme to the Judges, Public Relations Manager Ntalasha Yulu accompanied by Regional Manager North Eng. Ian Chomba explained EIZ's critical role in line with the theme.

Mrs. Yulu highlighted EIZ's partnership with the Engineering Council of South Africa (ECSA) in its pursuit to get accreditation to the International Engineering Alliance.

She also talked about the collaboration with other regional engineering bodies to exchange knowledge and initiatives and adopt innovative solutions as well as best engineering practices.

EIZ also showcased its regulatory role for the development of robust infrastructure as well as



Engineering Registration Board Chairperson Eng. Dr. Michael Nsefu with Northern Region Chairperson Eng. Kennedy Kanyinji celebrating the win.

increased production and quality output.

The team also showcased the skills development programmes to build capacity for engineering professionals, enabling them to stay up-to-date with the latest

technologies and evolve with the world.

"Creating a hub of possibilities begins with engineering, which is the lifeblood and driver of economic development," Ms. Yulu concluded.

"I cannot think of any activity required to achieve this ambition in the theme that does not require engineering expertise. That's what makes us unique," she added.

PHOTO FOCUS



Fellows being conferred during the EIZ gala dinner



First Quantum Minerals leading a Career Talk to stimulate interest in young learners to join engineering



Members following proceedings during the EIZ official opening for the AGM



Representatives from the Zambia Gender and Energy Network pose for a picture with pupils after the 2025 Girls Career Orientation Day in the energy sector



Past EIZ Vice President for Finance with Eng. Martha Banda during the Rebranding Stakeholders engagement meeting



Water and Sanitation Minister Eng. Collins Nzovu chats with ZAFFICO Commercial Director during the EIZ AGM exhibition

PHOTO FOCUS



EIZ Registrar Eng. David Kamungu (r) sign an MoU with Bridges to Prosperity representative



EIZ President Eng. Wesley Kaluba motivating young engineering professionals during the AGM.



EIZ President Eng. Wesley Kaluba and the Secretariat pose for a photo with Chief Justice Dr. Mumba Malila after a meeting.



L – R: EIZ Manager PR, Ntalasha M. Yulu, Deputy Registrar Eng. Kabwe Mutashi and EIZ President Eng. Wesley Kaluba before a parliamentary committee



Engineers' Representative Eng. Malunga Nsofwa during the Rebranding stakeholders meeting



Award presentation during the Zambia Women in Engineering conference in April at Avani Hotel, Livingstone

Professionals empowered with practical training on bidding and project management

The Engineering Institution of Zambia (EIZ) held a one-day training workshop aimed at building the capacity of engineering professionals in bidding for public contracts, accessing the Constituency Development Fund (CDF), and managing projects effectively, at Radisson Blu Hotel in Lusaka.

Speaking at the event held on 16th May 2025, EIZ Registrar and CEO Eng. David Kamungu said the workshop reflected the Institution's commitment to equipping members and stakeholders with the knowledge and skills required to thrive in a dynamic and competitive environment.

The training featured three key sessions. The first facilitator, Ms. Taonga Chanda, delivered sessions on preparing bids and tenders covering the ZPPA procurement framework

and electronic Government Procurement (e-GP) portal as well as strategies for structuring successful CDF applications. The second facilitator, Mr. Paul Nkumbula, facilitated the final session on project management, focusing on planning, budgeting, execution, and risk mitigation.

The workshop attracted engineering professionals from across the country and provided practical tools and insights to enhance their



Participants

participation in public sector projects.

Oxygen Alliance partners with EIZ to boost biomedical engineering

The Engineering Institution of Zambia (EIZ) has signed a Memorandum of Understanding with Oxygen Alliance (OA) aimed at strengthening the biomedical engineering ecosystem in Zambia.

This partnership marks a significant step towards enhancing local capacity, improving access to operational medical devices, and fostering research and innovation.

Under the MoU, the EIZ and Oxygen Alliance will collaborate in capacity building initiatives, including online training sessions in the maintenance and repair of biomedical equipment.

engineering professionals meet professional development standards.

Speaking at the signing ceremony in June, Teg. Kenneth Mwandila, EIZ Biomedical Engineering Section Chairperson, stated, "This partnership is a strategic milestone in advancing biomedical engineering in Zambia. It will empower our members with practical skills and global exposure, while positioning Zambia as a key contributor to biomedical innovations in the region."

This MoU reflects both parties' commitment to fostering innovation, professional growth, and regional collaboration in biomedical engineering across Zambia and the wider Eastern and Southern Africa regions.



EIZ Regional Manager South Eng. Chimfwembe Mutale with representatives from Oxygen Alliance after signing the MoU

The collaboration will also support publishing peer reviewed content in the Journal of Biomedical Engineering Systems and Technologies for Low- and Middle-Income Countries (BEST-LMIC).

These activities will contribute toward the accrual of Continuous Professional Development (CPD) points, helping

Unforgettable night at the 2025 gala dinner



Members and secretariat dance to the music of Danny Kaya during the EIZ gala dinner in Livingstone

What a night to remember! The EIZ 2025 Gala Dinner, held at the Avani Victoria Falls Resort in Livingstone, was nothing short of unforgettable.

From the moment guests stepped into the beautifully set venue, there was an unmistakable buzz of excitement in the air. Engineering professionals and dignitaries from across Zambia and beyond came together not only to reflect on a successful AGM and Symposium, but to celebrate in true style.

The evening began with powerful and inspiring remarks from distinguished speakers including the EIZ President Eng. Wesley Kaluba, Registrar Eng. David Kamungu, and Eng. Christopher Chisense of the Zambezi River Authority, each reinforcing the importance

of innovation, sustainability, and unity in the engineering community.

The crowd was absolutely captivated by the charismatic comedy of Bashi Mumbi, whose clever wit and relatable humor had the entire room erupting with laughter.

His set was the perfect warm up for what came next a musical experience that left everyone on their feet.

The legendary Danny's soulful performance transformed the evening into an unforgettable concert, with powerful vocals that echoed through the venue.



Eng. Patrick Kampengele takes the dance floor with his wife – dancing to a romantic slow jam.

It wasn't long before the dance floor filled with guests swaying, singing along, and celebrating

not just their profession, but their shared sense of purpose and pride.



Exciting News!! The EIZ call Centre is now operational



Call us on 3333

MTN Toll Free

You can also use Zamtel or Airtel

Terms and Conditions apply



Continued from page 10

Lunsemfwa Hydro Power Company Chief Executive Officer Eng. Alpha Mwale also reminded the graduates that engineering is not only about technical knowledge but about serving humanity.

“The world doesn’t just need engineering professionals, it needs ethical, passionate, and resilient ones,” he stated.

And EIZ Vice President for Membership, Continuous and Professional Development, Eng. Edith Munungwe encouraged the new graduates to remain committed to growth through professional development and registration with EIZ.

“The world needs your creativity, your dedication, and your passion for engineering,” she said, noting the importance of women stepping into the engineering space.

PMI, EIZ partnership to enhance project management in Zambia

The Engineering Institution of Zambia (EIZ) recently signed a Memorandum of Understanding (MoU) with the Project Management Institute (PMI), one of the world's leading authority on project management.

This strategic partnership aimed to enhance project management standards in Zambia's engineering and construction industries by integrating globally recognised best practices, fostering professional development, and strengthening policy advocacy.

Speaking at the signing ceremony, Eng. David Kamungu, EIZ Registrar & Chief Executive Officer, emphasised the importance of the collaboration.

"We are continuously exploring ways to enhance value for our members, with partnerships and high standards at the core of this mission. This collaboration with PMI represents a major milestone in our efforts to strengthen engineering and project management disciplines in Zambia," he said.

"With project complexity increasing across industries, it is vital that engineering professionals are equipped with global best practices to ensure infrastructure projects are delivered on time, within scope, and on budget. By working with PMI, we are taking proactive steps toward capacity-building and professional excellence."

A key outcome of this partnership is the introduction

of PMI's globally recognised project management certifications into Zambia's engineering and construction sectors. In particular, the PMI Construction Professional (PMI-CP™) certification will be established as a recognised standard for project management excellence within the industry.

To support the widespread adoption of PMI certifications, EIZ will explore incorporating the PMI-CP™ into its Continuing Professional Development (CPD) framework, allowing engineers and project professionals to earn CPD points while enhancing their project management competencies.

This initiative will ensure that Zambian engineering professionals remain globally competitive by keeping up with the latest methodologies in project planning, execution, and risk management.

Under this MoU, PMI will provide structured training programmes and certification support to help EIZ members gain essential project management credentials. As part of this effort, EIZ will work towards becoming an Authorised Training Partner (ATP) for PMI-CP™, enabling it to offer accredited project

management training aligned with international best practices.

By facilitating access to world class project management training, this initiative will equip engineers with skills to manage large-scale infrastructure projects effectively, improve efficiency, sustainability, and risk management in project execution, and enhance career growth opportunities for Zambian professionals.

Beyond professional training, this partnership also extends to policy research and industry advocacy. PMI will collaborate with EIZ to engage government and industry stakeholders in adopting strong project management principles across regulations, training

programmes, and infrastructure policies. This effort aligns with Zambia's long-term development goals, ensuring that the engineering and construction sectors operate with globally benchmarked efficiency and accountability.

This partnership represents a shared vision between EIZ and PMI to build a more resilient, capable, and globally competitive engineering sector in Zambia. By equipping professionals with world class project management skills, EIZ is strengthening the country's ability to deliver complex infrastructure projects across key industries, including construction, energy, and transportation.



Forging the future: CTS steps into the spotlight

The Craftspersons and Technicians Section (CTS) of the Engineering Institution of Zambia (EIZ) held its very first conference at the Avani Victoria Falls Resort in Livingstone, marking a major milestone in the country's engineering journey.



Craftsperson's and Technician's (CTS) Chairperson Tec. Kennedy Chipoma celebrates the hosting of the inaugural CTS conference and the Council whilst council and other members applaud

The conference was held during the EIZ Annual General Meeting in April this year.

EIZ President Eng. Wesley Kaluba said, “while engineers design, the technicians and craftspersons bring those designs to life.”

He called for continued upskilling, especially in the age of Artificial intelligence and automation, stressing their role in national development.

CTS Chairperson Tec. Kennedy Chipoma called craftsmanship a timeless art, highlighting the impact technicians have already made from representing Zambia

at the WorldSkills competition to donating medical equipment, school desks, and clean water systems to rural areas.

With the upcoming signing of the Dublin Accord and formation of the CTS cooperative, Zambian technicians are aiming for both global recognition and stronger involvement in national projects.

The conference was more than an event; it was a declaration. Zambia's technicians, Craftspersons and Skilled people are no longer silent contributors; they are leading change and shaping the nation's future, one skilled hand at a time.



“while engineers design, the technicians and craftspersons bring those designs to life.”

EIZ President Eng. Wesley Kaluba



Eng. Mwanza

Women in engineering: A movement of empowerment and excellence

Since its inception, the Zambia Women in Engineering Section (ZWES) has been a driving force in empowering female engineering professionals through advocacy, mentorship and leadership development.



ZWES

ZWES held its 7th Annual Conference in Livingstone under the theme, “The Future of Work: Women’s Role in Driving Sustainable Engineering Solutions.”

The conference which was held on the sidelines of the Annual General Meeting in April this year, marked a special milestone as ZWES celebrated its 9th anniversary.

The event was graced by trailblazing keynote speakers:

Prof. Eng. Elizabeth Taylor, Chairperson of the Governing

Group and Deputy Chairperson of the Sydney Accord for the International Engineering Alliance, and Eng. Refilwe Buthelezi, the first female President of the Engineering Council of South Africa (ECSA) and second female President of the Federation of African Engineering Organisations (FAEO).

Prof. Taylor’s keynote, “Engineering Excellence: Women in Engineering,” celebrated the growing contributions of women in global engineering and called

for continued mentorship and excellence-driven practice.

Eng. Buthelezi followed with an empowering talk on “Dynamic Leadership: Overcoming Challenges as Female Leaders,” urging women to lead with resilience, confidence, and clarity in an evolving professional landscape.

And ZWES Chairperson Eng. Agness Mofya Mwanza opened the conference with remarks that called attention to the achievements of women in engineering, while also

challenging the profession to go further.

EIZ President Eng. Wesley Kaluba commended the incredible contributions of women in engineering and urged them to become ambassadors for the next generation.

For many, the 7th ZWES Conference wasn’t just a professional event, it was a movement of empowerment, excellence, and sisterhood in engineering.

Zambian girl shines in FAEO-WIE STEAM art competition 2024

The Engineering Institution of Zambia (EIZ) proudly celebrated Musonda Grace Lukonde, who won 1st place, and Abigail Siyanga, who secured 5th place in the 2024 Science Technology Engineering Art and Mathematics (STEAM) Virtual Art Competition, hosted by the Federation of African Engineering Organisations (FAEO) Women in Engineering (WIE) Standing Committee, last June.



Musonda and Abigail pose with ZWES leaders

The competition, launched in 2021 under the theme “SHEROES,” was created to commemorate International Women in Engineering Day (INWED) and also create

STEAM (Science, Technology, Engineering, Art and Mathematics) awareness and motivate building blocks in early learners, principally female children across the

African continent, using FINE ART.

Parents of the two winners expressed pride in their children’s achievements and urged schools to promote STEAM activities, noting that early encouragement builds confidence and interest in science and engineering careers.

Zambia Women in Engineering Chairperson, Eng. Agness Mofya Mwansa, praised the initiative, saying, “This competition is not only about art, it’s about vision and creativity. It allows girls to imagine themselves as

engineers, and that early spark can shape their futures.”

EIZ Vice President for Finance and Administration, Eng. Chansa Musonda, also commended the achievement:

“Grace and Abigail’s success is a proud moment for the Institution. It shows the potential that lies in nurturing young talent through STEAM education and creative platforms.”

EIZ congratulates the winners and reaffirms its commitment to supporting young innovators across the country.

Labour Day celebrated with focus on homegrown solutions

The Engineering Institution of Zambia (EIZ) Secretariat proudly participated in International Labour Day celebrations in Lusaka and Kitwe.

The event, celebrated under the theme “Shaping Zambia’s Future of Work Through Homegrown Solutions for Inclusive Economic Growth”, highlighted the essential role of innovation and engineering in national development.

In Lusaka, the celebrations were graced by Her Honour, the Vice President of the Republic of Zambia, Mrs. W.K. Mutale Nalumango.

The vibrant march past proceeded from Civic Centre

to the iconic Freedom Statue on Independence Avenue, symbolising Zambia’s enduring commitment to the empowerment of its workforce.

EIZ joined fellow institutions in saluting the hardworking men and women who continue to build, innovate, and drive Zambia forward.

As a regulatory body dedicated to promoting engineering excellence, EIZ reaffirms its commitment to homegrown solutions tailored to the



EIZ Secretariat celebrate Labour Day

country’s unique challenges and opportunities.



THE ENGINEERING INSTITUTION OF ZAMBIA

NOTICE OF THE 2025 RENEWALS FOR PRACTICING LICENCES AND MEMBERSHIP SUBSCRIPTION

This NOTICE serves to remind all **Engineering Professionals (Engineers, Technologists, Technicians, Craftspersons and Skilled Persons), Engineering Organisations and Units** registered under the EIZ Act No. 17 of 2010 who have not yet renewed their 2025 practicing certificates and membership to do so by 30th June 2025. All practicing certificates and membership not renewed by 30th June will be deregistered in accordance with the EIZ Act No 17 of 2010.

PLEASE NOTE THAT IT IS A PROSECUTABLE OFFENCE TO PRACTICE ENGINEERING OR OFFER ENGINEERING SERVICES IN ZAMBIA WITHOUT A VALID PRACTICING LICENCE IN ACCORDANCE WITH THE EIZ ACT NO 17 OF 2010.

All payments must be made directly through.

Engineering Institution of Zambia Indo Zambia Bank, Lusaka Main Branch 0012030002117 09001 INZAZMLX	Standard Chartered Bank Zambia PLC Zambia Way Branch 0100140059600 060017 SCBLZMLX
Engineering Institution of Zambia Stanbic Bank, Mulungushi Branch 9130000711083 040015	Engineering Institution of Zambia Zambia National Commercial Bank 0104882000233 (Cash payment only) 0104882400155 (Cheque payment only) Industrial Branch Kitwe

Mobile money;

AIRTEL MONEY Dial *115# Select option 4 (Make Payment) Select option 5 (Goods & Services) Select Option 1 (Enter Merchant Code) Enter Business Name (EIZ) Enter Amount (Eg. K250) Enter Reference (Eg. Tom Banda, Technologist) Enter PIN (Your Mobile Money PIN)	MTN MONEY Dial *115# Enter the Merchant Code (739859) Enter Amount (Eg. K250) Enter Reference (Eg. Tom Sitali, Technologist) Enter PIN (Your Mobile Money PIN)
--	--

Please visit www.eiz.org.zm or email eiz@eiz.org.zm for further assistance. Please note that we do not accept cash at our respective offices and that EIZ has no **AGENTS** in its chain of operations.

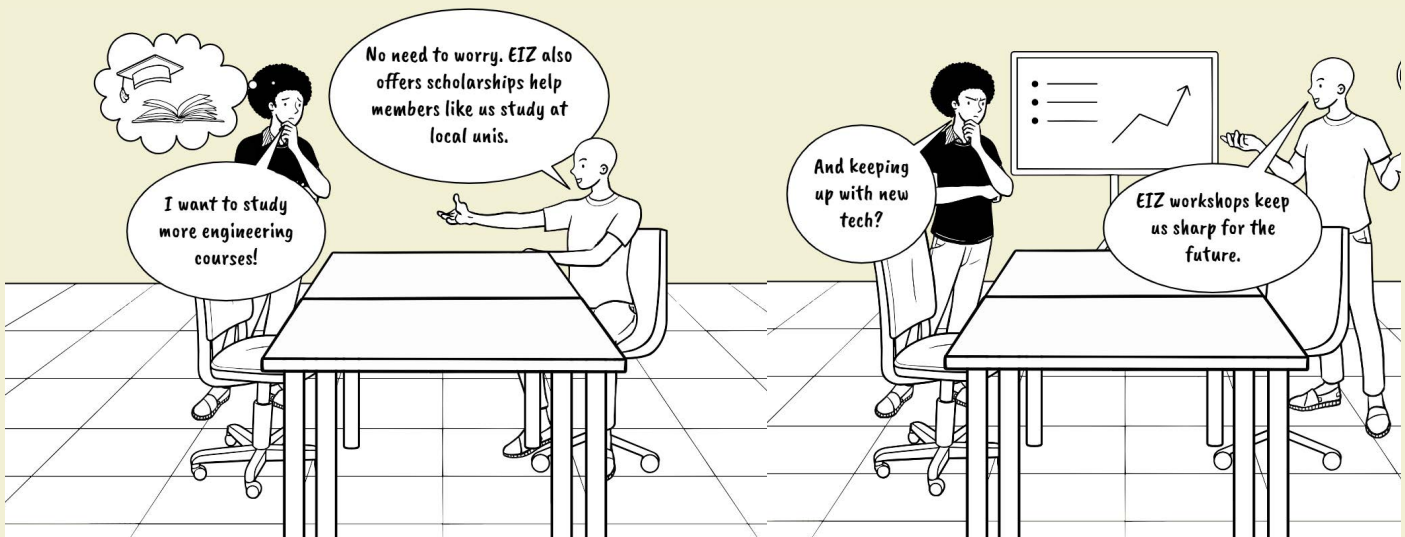
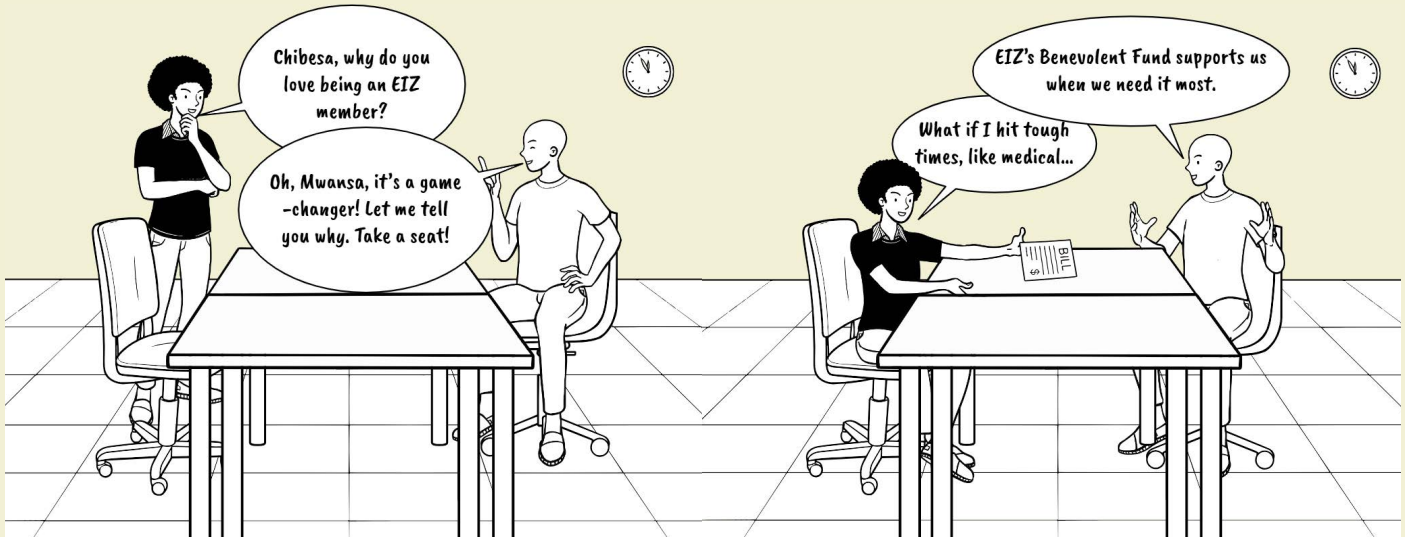
ENG. DAVID KAMUNGU
REGISTRAR

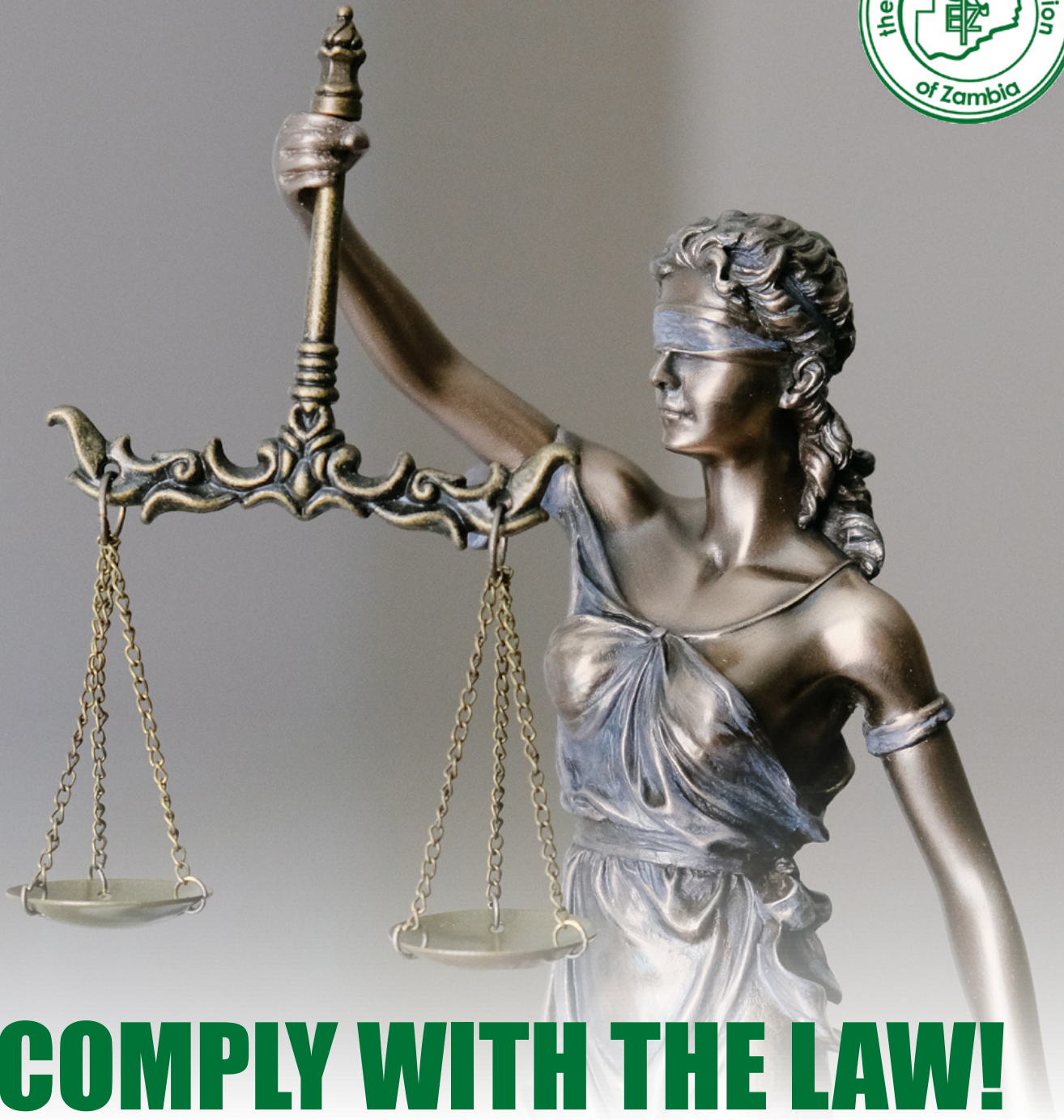
EIZ HEAD OFFICE Engineering House, Stand No. 2374, Kelvin Siwale Road, Showgrounds Area P.O. Box 51084 Tel: +260 211 256 205, +260 211 255 161 Email: eiz@eiz.org.zm www.eiz.org.zm	SOUTHERN REGION Engineering House, Stand No. 2374 Danny Pule Road, Showgrounds Area P.O. Box 51084, Telefax: + 260 211 256214 Email: eiz@eiz.org.zm www.eiz.org.zm	NORTHERN REGION Engineering House No 8 Kantanta Avenue, P.O. Box 23385 Kitwe, Tel: +260 212 230 111, +260 212 222 608 Email: eiz@eiz.org.zm
--	---	--

www.eiz.org.zm

ADVANCING TECHNOLOGY FOR NATIONAL DEVELOPMENT

EIZ Membership Benefits





COMPLY WITH THE LAW!

Hiring Engineering Professionals without valid EIZ Membership and practicing licences is illegal!

It is law that all individuals or organisations engaged to carry out any engineering works must be registered and regulated by the EIZ according to the act of Parliament EIZ Act no 17 of 2010:

For further clarification, contact the membership team on:

02 11 255 161 Or Call Centre number 3333

Or visit our website on www.eiz.org.zm



Get Ready for

THE EIZ SYMPOSIUM AND ANNUAL GENERAL MEETING **2026**

A gathering of innovation, ideas, and impact!

14TH TO 17TH

April

2026

AVANI VICTORIA FALLS RESORT, LIVINGSTONE

Mark your calendar and be part of the conversations shaping the future of Engineering in Zambia.



@TheEIZ



www.eiz.org.zm



eiz@eiz.org.zm