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July - September 2026

Issue No.03 | Volume.04



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KONKOLA COPPER MINES PARTNERS WITH AXIOM, VBKOM TO BOOST COPPER EXPLORATION

Konkola Copper Mines Plc has partnered with global technical firms Axiom Group and VBKOM to accelerate mineral exploration and optimize long-term mine operations across the Copperbelt.

In a statement, KCM Chief Executive Officer Malcolm Mewett said the partnership forms part of the Company's broader strategy to apply modern technology and world-class technical expertise to unlock the full potential of its mineral assets.

"By combining our operational experience with advanced technology, reliable data and specialist technical expertise, we are creating a stronger foundation for sustainable growth and increased copper production," Mewett said.

He noted that KCM has significant high-grade copper resources and the potential for a mine life extending approximately another 50 years adding that the partnership brings together the mining company's operational knowledge with Axiom and VBKOM's technical expertise in geology, geophysics, resource modelling, hydrogeology and geotechnical engineering.

Mewett stated that the advanced technologies will enhance KCM's understanding of its mineral resources, improve the identification and prioritization of future drilling targets, and support safer and more efficient mine planning.

"We want Zambian professionals and local workers to participate meaningfully in the project, acquire new skills and benefit from long-term employment opportunities. Our objective is not only to develop the resource but also to develop the people who will sustain these operations into the future," he said.

Meanwhile, an Axiom Group representative said the combined team was successfully integrating people, technology, data and technical expertise to support the continued development of KCM's operations.

"We are proud to serve as a global technical partner to Vedanta-KCM. The professionalism, engagement and commitment demonstrated by the KCM team are impressive. We are excited about the opportunity to contribute to the development and optimization of this world-class copper asset."

The partnership supports KCM's long-term strategy to grow production, improve operational efficiency and contribute to Zambia's ambition of increasing national copper output. With global demand for copper expected to continue growing, the development of KCM's highgrade resources will strengthen Zambia's position as a major copper producer while supporting employment, skills development and economic activity on the Copperbelt.

JUBILEE METALS TO SELL ZAMBIAN COPPER TAILINGS PROJECT, AS SHARES DECLINE 27%



Jubilee Metals has announced that it has received two offers for its Large Waste Project in Zambia, a Copper tailings resource the company purchased in 2025 for \$18 million.

The London-listed firm said it was advancing the sale as part of a broader strategy to derisk its business and redirect capital to higher-return operations.

According to a statement, the Large Waste Project was acquired last year but had not yet moved into full development and it was classified as a greenfields asset that would require substantial upfront investment.

Proceeds from the disposal, expected to close in the fourth quarter, would be allocated to the expansion of Jubilee's Molefe mine in Zambia.

"The Large Waste Project is a Greenfields project and as such requires significantly higher capital at greater project execution risk," the company said.

Molefe currently supplies 3,500 to 4,500 tonnes of copper ore per month to Jubilee's Sable refinery for processing into cathode and management plans to increase deliveries to 10,000 tonnes per month by October.

At full expansion, Sable was targeting annual cathode production of 2,000 tonnes and the refinery was also fed by concentrate from Jubilee's Roan processing facilities, with some output sold to third parties.

Under the proposed transaction timeline, interested bidders have until August 27 to submit an initial deposit, followed by a 90-day due diligence period.

The successful bidder would then have 10 days to finalize a definitive agreement, with the balance payable in instalments over three years.

Jubilee shares were down 27 percent year-to-date despite elevated Copper prices, reflecting its position as a third-party processor rather than a primary producer.

The company also withheld annual Copper guidance, citing weather disruptions and changes to Molefe's mine plan.

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ENGINEERED FOR RELIABILITY AND SAFETY: HOW DUAL VALVES REDEFINE SLURRY MANAGEMENT IN MODERN MINING



In the demanding environment of modern mining operations, process reliability and workplace safety are inextricably linked. Pipeline integrity and valve performance are crucial to preventing catastrophic leaks, uncontained high-pressure blowouts, and hazardous environmental spills. As mining operations across Zambia and greater Africa expand to meet rising global mineral demands, the need for robust, abrasion-resistant fluid control solutions has never been higher.

Dual Valves is a market leader in abrasion-resistant valves with over 40 years of technical and valve engineering experience in severe-service slurry applications. Headquartered in Apex Industrial, Benoni, South Africa, Dual Valves has earned an international reputation as a trusted partner for mine operators seeking safety, longevity, and operational efficiency.

Uncompromising Safety Through Quality Engineering

For mine safety managers and process engineers, valve failure represents both a financial liability and a significant safety hazard. Handling aggressive mineral slurries, tailings, and corrosive process water requires components engineered to withstand extreme abrasion, high pump pressures, and mechanical stress.

Dual Valves addresses these challenges through total quality management and rigorous manufacturing standards. The company is ISO 9001:2015 certified, and all products are manufactured and tested to strict international quality standards. Every valve is built with longevity and ease of in-situ maintenance in mind, minimising downtime and shielding site personnel from unnecessary maintenance hazards in high-risk zones.

Complete In-House Manufacturing Capabilities

A key differentiator for Dual Valves is its end-to-end, in-house manufacturing capability. From initial 3D design, mould making, and machining to rubber lining, welding, blasting, assembly, testing, and shipping, everything is executed under one roof.

Dual Valves relies on locally sourced or on-premises manufactured components without importing completed assemblies, ensuring complete oversight across the entire production lifecycle.

This complete operational footprint allows Dual Valves to customise products precisely to customer specifications, taking into account exact pipeline diameters, pump pressure ratings, temperatures, torque variances, and specific slurry media properties.



A Comprehensive Product Portfolio

With over 48 specialised products, Dual Valves offers a "One Stop Slurry Solution" for slurry control, isolation, and backflow prevention:

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- **Patented Dual Pivot Gate Valves:** Offering innovative geometry that reduces operating force and seat wear in demanding abrasive applications.

- **Pinch & Check Valves:** Including enclosed or open frame, single and double, small to large bore pinch valves, as well as the Dual Double Non-Return Valve (DDNRV) for reliable check protection.

Proven Worldwide across 50+ Countries

Dual Valves' engineering excellence is proven in service across more than 50 countries globally, supporting major mining and processing operations in Africa, the Americas, Europe, Asia, and Australasia. From small-scale dewatering

lines to massive 1600NB electrically actuated rotary disc sleeve valves, Dual Valves consistently delivers reliable performance on any scale.

As industrial leaders, Dual Valves invites mine operations, safety officers, and consulting engineers to discover how custom-engineered slurry valves can elevate safety, eliminate unplanned shutdowns, and deliver long-term value.

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Dual Valves is a premier global manufacturer of abrasion-resistant slurry solutions, engineering a robust portfolio of over 48 specialised products, including its flagship DFV ball check valve and large bore pinch valves, to withstand the world's harshest mining and minerals processing environments. With focus on increasing equipment longevity and ensuring ease of maintenance in-situ, the company provides a "One Stop Slurry Solution" backed by ISO 9001:2015 certification. While rooted in South Africa, Dual Valves has a massive international footprint, exporting state-of-the-art valve technology to more than 50 countries across every major continent.

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PREVENTIVE MAINTENANCE FOR PEAK PRODUCTIVITY

Choose a condition monitoring system to minimize downtime and maximize ROI

By Thiago Henrique Buoso, Haver & Boecker Niagara

As the saying goes, a watched pot never boils. Rather than idling by the stove, gathering the meal's ingredients first can yield a bubbling pot upon your return, enhancing efficiency.

While the idea of leaving things alone applies to many activities beyond cooking, it is not an effective approach to the screening process within mineral processing environments.

Undetected issues with vibrating screens can allow out-of-spec material to pass through in addition to causing further damage over time. Plus, any downtime for repairs can lead to production losses.

It's not viable for operators to monitor vibrating screens all the time.

Fortunately, using a condition monitoring system takes this task off their hands, ensuring screens stay healthy without constant attention.

Proactive Performance over Reactionary Repairs

Any mineral production plant faces the challenges of maintaining the uptime of its equipment while reducing the cost of corrective maintenance.

The information that condition monitoring systems provide can therefore be an invaluable asset to quarry and mine managers. However, not all systems are made equally.

Most of the available options on the market are reactive and unable to prevent unscheduled shutdowns and costly reduction in output.

This is typically because these systems send only very specific information and often in a format that is difficult for operators to understand.

Condition monitoring systems that stand out from the pack are those that use modern algorithms and artificial intelligence to monitor the health of the vibrating screens on site.

These condition monitoring systems use their advanced technology to forecast the equipment's dynamic condition

as well as predict necessary maintenance and provide critical downtime alerts.

They can identify common types of failures such as lubrication faults, contamination and bearing damage as well as loose or broken structural parts of the vibrating screen body.

Over time, a condition monitoring system should be getting "smarter" by using its artificial intelligence to improve the accuracy of the alerts it sends.





Understandably, purchasing any monitoring system can seem like an additional cost on top of other operational expenses. However, it is important to note that a well-chosen condition monitoring system almost eliminates unscheduled downtimes, significantly reduces corrective maintenance hours and consequently increases equipment performance.

Typically, most operations encounter an average of one significant issue each month, with a total of 10-12 per year. In some cases, just one critical alert effectively pays for an entire three years of a condition monitoring system. And when you consider that certain condition monitoring systems prevent critical failure for just \$22 per day, it's hard to refute that the investment is worth the reward.

Diagraming the Diagnostics

While monitoring systems for vibrating screen bearings are common in the market, more advanced options offer 24/7 equipment condition monitoring through permanently installed sensors on both the bearings and the body of the vibrating screens.

Although the sensor configurations are customizable, the typical setup involves four body sensors placed on each corner of the vibrating screen with the addition of two bearing sensors.

For larger screens, eight body sensors and six bearing sensors are used. In just one day, it is possible to install sensors on

multiple machines in case of a plant stoppage. Since receptors do not require the screen to be stopped, they can be installed any time. Condition monitoring can be installed at any point on the equipment, but the sooner the better is the optional time for quick dividends from the service.

Once installed, condition monitoring quickly gets to work scanning the vibrating screen for deviations that may lead to damage or loss of production.

From there, artificial intelligence is used to predict the dynamic conditions of the equipment.

For many operations, maintenance time is optimized by noting probable causes of potential failure of the equipment such as loss of stiffness or uneven spreading of material feed on the screen media. Last but not least, customer focus is central to high-quality condition monitoring by providing easily interpreted information every five minutes.

Not only can information be provided continuously, but it can be accessed online and remotely. While these systems are compatible with any Wi-Fi network, integrating data via cable or Application Programming Interface is a good backup in case of any outages.

Other benefits of high-tier condition monitoring systems include quality hardware such as industry-leading sensors as well as a long battery life of more than two years, which is noteworthy given the daily use of vibrating screens.



Condition monitoring is most effective for 24/7 operations as well as those who process high-priced materials, work in aggressive or hazardous environments or only have a small maintenance team. Partnering with an OEM-certified technician is a cost-effective first step toward identifying whether such a system is the best fit for your operations.

All-Inclusive Inspection

Countless companies have thrown their hat in the ring with a condition monitoring system to gain the business of producers. Some of these companies specialize only in technology with no direct aggregate or mining connections. Others are original equipment manufacturers (OEMs) that serve the industries but have limited coverage or service capabilities after initial installation.

Those who rise above are manufacturers with the complete package — the equipment and extensive industry knowledge, an experienced team that offers insight and service to customers and a condition monitoring system with the features those customers need to stay competitive.

Part of the value of condition monitoring systems lies in the service that producers receive from the OEM. Even the best systems require a human element when questions arise, training is required or upon new installation. Considering the history and experience level of a manufacturer when selecting a condition monitoring system will undoubtedly save time and prevent future headaches.

Start by looking at whether the company has dedicated experience in the mining and aggregates industries. Then, determine how long they have been involved in the industry, what their customer service commitment is like and their territory coverage. A global company that has an expansive service team is much more likely to be able to send someone for a consult, to troubleshoot or to install sensors on a new

screen you got than a regional company without that depth of personnel.

Having a deep bench and industry expertise is half of the equation, but the technology and condition monitoring system itself plays a vital role as well. The best manufacturer will not just sell you the system but will partner with you to offer a comprehensive evaluation experience for your production plant. In these cases, an in-depth, eight-point inspection can be provided that thoroughly assesses the efficiency of your operation. Diagnostics are often the first step, which can involve impact tests, vibration analysis and condition monitoring. Impact tests ensure that each machine is properly calibrated to avoid operating in resonance, which can diminish productivity, incur damage to vibrating screens and pose safety risks.

Vibration analysis examines the real-time health of vibrating screens by detecting irregularities. Condition monitoring elevates these results by not just identifying and fixing current issues, but emergent ones. The remaining steps of the inspection can involve using the manufacturer's expertise in processing equipment, engineered screen media, original parts, rebuilds and upgrades, services, plants and process engineering to inspect customers' screening processes in order to recommend best practices for processing proficiency.

Reputable manufacturers will ensure that all information to install the condition monitoring system is available before the components are shipped so that the customer's personnel can install the system themselves. However, it is always good to consider the presence of an OEM technician to help during that process, not only for troubleshooting reasons but also to register personnel and make certain they all have proper access to and training on the system so they know where to find necessary information.

Don't Let Production Problems Boil Over

While a pot on the stove does require an occasional glance, mineral processing equipment needs more immediate attention. Smaller issues like wears or damage to the vibrating screen that are not caught quickly can lead to bigger production headaches — and losses — later on.

This is why monitoring systems in line with the latest industry advancements in smart technology are vital for the health of any efficient operation. Finding the right system and manufacturer to partner with can provide the strongest ROI and ensures keeping up with — or beating out — the competition.

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HITACHI CONSTRUCTION MACHINERY ZAMBIA EXPANDS INTO MALAWI WITH NEW SUB-DEALER

Hitachi Construction Machinery Zambia Co., Limited has announced the signing of a Sub-Dealer Agreement with Taai Construction & Machinery Services Ltd., marking an important step in strengthening support for Malawi's growing mining, infrastructure, and agricultural sectors.

The agreement was signed in Lilongwe, bringing together two organisations committed to delivering reliable equipment and quality customer support to the Malawian market.

Following the signing ceremony, H.E. Yasushi Naito, Ambassador of Japan to Malawi, congratulated Mr. Nobuhiko Saito, President of Hitachi Construction Machinery Zambia, and Mr. M.A.K. Ghumra, CEO of Taai Construction & Machinery Services Ltd., on the partnership and welcomed the collaboration.

Speaking on the partnership and the upcoming transition to LANDCROS, Mwansa Kunda, Sales and Marketing Manager at Hitachi Construction Machinery Zambia, said:

"The partnership with Taai Construction & Machinery Services strengthens our ability to support customers across

Malawi by combining Taai's local market knowledge with Hitachi Construction Machinery's global expertise, technology, and customer support."

He added that the company's transition to LANDCROS on 1 April 2027 will further strengthen its offering to customers in Malawi.

"As we transition to LANDCROS, our customers in Malawi can look forward to an expanded product portfolio, continued access to reliable, high-performance equipment, and enhanced local customer support. We are combining local talent and market understanding with global expertise to deliver greater value to our customers."

The partnership marks an important milestone in expanding access to construction and mining equipment and strengthening after-sales support in Malawi.

Together with Taai Construction & Machinery Services Ltd., Hitachi Construction Machinery Zambia looks forward to supporting the continued growth of Malawi's mining, construction, infrastructure, and agricultural sectors.

DRC CRITICAL MINERALS & INDUSTRIALISATION FORUM GOES DIGITAL AS IN-PERSON EVENT IS POSTPONED

"Part of our ongoing commitment to bringing the industry together"

The in-person gathering of **DRC Critical Minerals & Industrialisation Forum (DCMI)**, co-located with the **DRC-Africa Battery Metals Forum**, has been postponed but will continue as an exclusive, high-impact digital webinar series.

The event was meant to take place in Kinshasa from 7 to 8 October. VUKA Group, the organisers of the event said a strategic decision was made "following consultation with our partners, industry stakeholders and advisory board members to ensure our agenda directly reflects the latest government priorities, project pipelines and investment structures." The in-person Forum will return in 2027.

Critical mineral beneficiation

Samukelo Madlabane, VUKA Group's Events Director – Mining: "The DRC government is currently updating and operationalising its \$58 billion Master Plan for Industrialisation (Plan Directeur d'Industrialisation, PDI) originally launched in 2021. Rather than overhauling the base plan, the DRC Government is rolling out targeted, updated strategy frameworks to accelerate in-country critical mineral beneficiation, special economic zones and industrial corridors."

"Therefore," he explains: "to align directly with these updated national policy frameworks and allow the revised PDI implementation roadmaps to mature, we are extending our timeline and hosting the Forum in 2027."

"Building on the momentum generated by DRC Mining Week," Madlabane continues, "the Forum was conceived as a dedicated platform to accelerate the DRC's transition from raw mineral extraction to downstream processing, manufacturing and industrial development. The Forum's core mission remains uniting government, investors, mining companies, refiners, manufacturers, infrastructure providers, investors and development partners to build localised value chains and ensure that the DRC uses its critical minerals as drivers for industrialisation."

He adds: "As part of our ongoing commitment to bringing the industry together, the Forum will now be delivered as a curated series of specialised digital sessions designed to keep critical discussions moving forward. Attendees can expect the same high-level panel discussions, regulatory updates, and industrialisation insights originally planned for the live event, now accessible through an engaging virtual platform that enables greater participation, collaboration, and knowledge sharing across the sector."

Digital webinar series

The launch date of digital webinar series will be announced soon, and it will run until 2027, providing convenient access to the insights, market intelligence and strategic discussions planned for the live event.

The series will cover topics ranging from beneficiation and industrialisation to investment, energy, ESG and the Lobito Corridor, helping participants stay informed on the trends, opportunities and developments shaping the critical minerals sector. The sessions will also feature advisory board members, industry leaders and strategic partners, providing valuable perspectives and connections ahead of the 2027 Forum.

All registrations, sponsorships and expressions of interest will transfer to the 2027 edition, ensuring that all stakeholders' investments and engagement with the Forum continue uninterrupted.

DRC's transition

DCMI unites government, industry and investors to accelerate the country's transition from raw-material extraction to high-value manufacturing, underscoring the nation's opportunity to convert mineral wealth into infrastructure, jobs and sustainable economic growth. The DRC's Ministries of Mines and of Industry and Federation of Enterprises of Congo (FEC) are official partners of the event.



KANSANSHI MINE INJECTS OVER \$1.5 MILLION ANNUALLY INTO LOCAL TECHNICAL SKILLS DEVELOPMENT

For hundreds of young people in North-Western Province, the Kwambula Training Centre has become more than just a technical institution; it has become a gateway to opportunity, employment and a brighter future. Since its establishment in 2012 through a partnership between Kansanshi Mining PLC, the Technical Education, Vocational and Entrepreneurship Training Authority (TEVETA) and the Government of Zambia, the centre has been equipping young Zambians with world-class technical skills while ensuring that host communities benefit directly from mining investments.

This commitment was once again brought into focus during the inaugural Kwambula National Skills Competition in Solwezi, where government officials, industry leaders and technical institutions gathered to celebrate excellence in vocational training and the growing impact the programme is having on Zambia's industrial workforce.

Speaking during the event, Kwambula Training Centre Lead Webby Makoloni said the programme was intentionally designed to create opportunities for young people from communities surrounding First Quantum Minerals' operations while also attracting talent from across the country. Since 2012, First Quantum Minerals has invested more than US\$1.5 million annually in the fully funded learnership programme, which has so far supported 760 trainees, with 512 graduates already completing their training while 248 learners remain in various stages of the programme.

Importantly, the selection process deliberately prioritises local participation. Makoloni said 65 percent of trainees are drawn from North-Western Province, particularly host communities, while the remaining

35 percent come from the rest of Zambia, ensuring that the benefits of the programme are first felt by local families living alongside the mining operations.

The approach has created life-changing opportunities for school leavers, displaced community members and unemployed youths who might otherwise have struggled to access specialised technical training. "Our commitment is to transform lives by providing young Zambians with access to quality technical training, practical experience and meaningful career opportunities," Makoloni said. He explained that the name Kwambula, a Kaonde word meaning "igniting hope," reflects the institution's mission of empowering young people with skills that can lift families out of poverty while contributing to national development.

Beyond the classroom, the centre has become an important contributor to the local economy by producing artisans equipped to work in mining, construction, manufacturing and other industrial sectors. Its three-year training model combines classroom learning with practical workshop instruction and workplace experience, ensuring graduates leave with both theoretical knowledge and hands-on industry skills that employers demand.

The programme is also breaking barriers by encouraging greater participation of women in technical careers traditionally dominated by men. According to Mr Makoloni, 145 female trainees have graduated from the programme, representing approximately 28 percent of all graduates, a milestone that demonstrates the centre's commitment to gender inclusion in engineering and industrial trades. The inaugural Kwambula National Skills Competition further showcased the calibre of

training taking place at the centre, bringing together trainees from institutions across Zambia to compete in Auto Electrical, Power Electrical, Heavy Equipment Repair, Instrumentation, Metal Fabrication, Rigging and Mechanical Fitting.

The competition also served as a selection platform for competitors who will represent Zambia at the WorldSkills Africa Competition later this year in Algeria. Engineering Institution of Zambia Registrar Engineer David Kamungu described the competition as a strategic investment in Zambia's future workforce, saying skilled technicians and artisans remain essential to the country's industrialisation agenda.

He said while engineers design infrastructure and industrial systems, it is technicians, technologists and craftspeople who transform those designs into reality through their practical expertise. "This competition represents much more than a contest. It is an investment in Zambia's future workforce and demonstrates that technical and vocational education is a strategic pillar for industrialisation, innovation and sustainable development," he said.

Speaking on behalf of Kansanshi Mining PLC, Assistant General Manager Axel Kottgen, Kansanshi Foundation Manager Simon Keevil said the company's investment in Kwambula reflects its long-term commitment to developing local talent rather than relying solely on imported skills. "When Kansanshi invested in establishing and expanding the Kwambula Learnership Programme alongside TEVETA, our vision was clear, we wanted to build a world-class training ground right here in Solwezi that turns passionate local talent into globally competitive craftspeople," he said.

Keevil noted that modern mining depends not only on advanced machinery but on highly skilled people capable of operating, maintaining and improving complex equipment safely and efficiently. He said the competition demonstrated that young people from North-Western Province possess the talent, discipline and technical ability to compete alongside the best in the country and beyond.

And, North-Western Province Deputy Permanent Secretary Luckson Mulumbi emphasized that while global investments in mining, infrastructure, and agriculture have fuelled two decades of rapid growth in Solwezi and surrounding districts, it is skilled Zambian artisans and technicians who turn capital investments into sustainable local development.

The Deputy Permanent Secretary praised the tripartite operational model linking the Government of Zambia, TEVETA, and First Quantum Minerals (FQM) through the Kwambula Training Centre. "When government and the private sector work together within a peaceful business environment, the benefits extend far beyond the workplace," Mulumbi noted.

"We see families experiencing improved livelihoods, local businesses

growing, communities prospering, and the province becoming increasingly competitive." He further expressed strong government approval regarding the growing participation of young women entering industrial trades traditionally dominated by men, such as heavy machinery repair, electrical systems, and structural fabrication. "Together, we are proving that the future of North-Western Province will not be defined solely by the resources beneath our soil, but by the knowledge, skills, innovation, and determination of our people," Mulumbi concluded.

Meanwhile, the Kwambula trainees claimed top honours in almost every discipline, underlining the effectiveness of the institution's practical, industry-driven training model. In Power Electrical, Joyce Kamboyi of Kwambula Trades Training Institute emerged champion with an outstanding score of 98 percent, ahead of competitors from Solwezi Trades, NORTEC, Sino-Zam Vocational College, Luanshya Technical and Business College, Lukashya Trades, Mansa Trades and Kitwe Trades School.

Kwambula also swept the Instrumentation category, where Pascalina Kasumpa secured first place with 95 percent, while Kelvin Lwando won the Heavy Equipment Repair

(HER) competition after scoring 86 percent. In Metal Fabrication, Precious Mwila Nsama claimed first place with 93 percent, followed by fellow Kwambula trainee Blessing Chilongo in second place, demonstrating the institution's depth of talent in fabrication and welding disciplines.

The dominance continued in Mechanical Fitting and Machining, where McMillan Chapesha took first place with 90 percent, while teammate Cavin Munshya finished second with 88 percent, leaving competitors from Sino-Zam, NORTEC and Kitwe Trades School trailing behind. Kwambula trainees also excelled in Rigging, where Kamiza Jack, Manfwela Grian and Chifita Leonard jointly shared first position after each scoring 92 percent, ahead of teams from Sino-Zam College of Science and Technology and Kitwe Trades School.

The competition attracted participants from leading technical institutions across Zambia, including NORTEC, Solwezi Trades Training Institute, Sino-Zam Vocational College of Science and Technology, Luanshya Technical and Business College, Kitwe Trades School, Kabwe Institute of Technology, Lusaka Vocational and Technical College and Mansa Trades, highlighting the national significance of the event.

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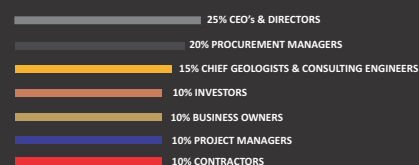
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READER POSITION



ZAMBIA URGED TO BOOST LOCAL OWNERSHIP AS COPPER PRICES CROSS \$14,000 PER TONNE



As copper prices continue surging on the global market, now exceeding \$14,000 per tonne, calls are intensifying for Zambia to strengthen local ownership in its mining sector.

The latest official data shows copper closed last week at \$14,103.50 per tonne, marking a 2.18% rise from \$13,803.00 the previous week and a notable 14% jump from \$12,423.00 at the start of 2026. This sustained rally presents a pivotal moment for Zambia, one of the world's top copper producers, to maximize the value of its mineral resources for national benefit.

Economic analyst Hambayi highlighted the critical need for Zambia to enhance domestic copper production and increase local ownership in mining operations. Hambayi emphasized that while the rally in global copper prices offers an opportunity for Zambia to boost government revenue, the country's limited equity in most mining companies results in much of the profits being remitted overseas.

"The important aspect of increased copper prices is the

potential for higher government revenue," Hambayi noted.

"However, the major component of the revenue generated does not accrue to Zambia, as the country owns only a small share in these mines." Hambayi advocated for long-term strategies aimed at increasing Zambian participation in the mining sector.

"It is crucial that we start to discuss greater Zambian ownership of mines. Any investment in the sector should require a set minimum equity percentage for Zambian stakeholders, as practiced in many other countries. This approach would help ensure that the value generated from mining activities is retained within the country," he explained.

Looking ahead, Hambayi projected that copper prices could climb to as high as \$15,000 per metric tonne before 2030. He stressed that this presents a significant opportunity for Zambia, provided policies are enacted to strengthen local participation and ownership in the mining industry.

MULTOTEC TO SHOWCASE HOW ITS MODERN SCREENING SOLUTIONS CAN IMPROVE SCREENING EFFICIENCY AT ELECTRA MINING AFRICA 2026

Achieving optimal throughput, high classification efficiency and a long service life from a mineral processing screening solution requires careful consideration of every element of the screening system, from screen deck design to screening media selection. Yet many operations continue to face challenges such as blinding, pegging, excessive wear, and reduced screening efficiency, all of which can compromise production targets and increase operating costs.

To show how these screening challenges can be overcome, Multotec will demonstrate the impact of effective screen design, screening media selection, screening accessories and application expertise on plant performance at Electra Mining Africa 2026. Visitors will see a Vibramech screen deck fitted with Multotec screening media and accessories, showcasing how the company's modern screening solutions can help mines maximise throughput while reducing total cost of ownership.

On display will be Multotec's High Frequency Panels (HFPs), designed for ultra-fine screening applications with apertures as small as 45 microns, its comprehensive range of screening media, including polyurethane, rubber, wedge wire and Ceradox heavy-duty solid panels, and a selection of screening accessories, including dividers, deflectors, weir bars, skid bars, snorkels, chimneys and fastening systems, that help optimise material flow, screening performance and equipment longevity.

Why effective screening matters

According to Bertus Basson, Southern Africa Territory Sales Manager for Consumables at Multotec, effective screening is fundamental to plant performance because it ensures material is separated accurately for downstream processing.

"Efficient screening improves throughput, protects downstream equipment, supports mineral recovery rates and helps maintain product quality, making screening a critical process control function throughout the plant rather than simply a separation step," he says.

Basson explains that reduced screening efficiency, often caused by poor feed distribution, blinding and pegging, worn screening media, incorrect screen setup or variable ore characteristics, such as moisture content, clay content and particle shape, can lead to lower throughput, higher recirculating loads, uneven wear patterns and visible carryover of fines in oversize streams.

"Addressing these issues requires a holistic approach that combines optimised screen deck design, the right screening media, correctly configured operating parameters, effective feed chute arrangements, value-adding screening accessories, condition monitoring, regular inspections and proactive maintenance," he points out. Screen media designed for improved performance and wear

life Basson explains that screen media plays a pivotal role in screen performance.

"Factors such as aperture shape, aperture relieving angles, panel thickness and internal support design must be matched to the application for optimal performance."

The selection of the rubber – or polyurethane compound best suited to the specific screening application plays an important part in the overall screening solution.

This can be addressed through application-specific screen media selection, correctly configured apertures, self-cleaning or anti-blinding media designs, and optimising vibration parameters. "Matching the screen media and screen setup to the characteristics of the ore being processed is critical to achieving higher throughput, more accurate classification and longer service life," explains Basson.

When selecting screen media, Basson suggests that a total cost of ownership approach be taken, as this enables mines to balance throughput, wear life, maintenance requirements and downtime to achieve the best long-term operational and financial performance.

Additionally, by partnering with an experienced screening specialist such as Multotec, mines gain access to process expertise, application-specific assessments and performance testing that help optimise screening solutions to achieve measurable, sustainable improvements in plant efficiency and lifecycle performance rather than short-term gains.

Basson says that Multotec has delivered measurable performance improvements across a range of mining operations.

"Customers have achieved throughput increases of 10–25% through improved aperture design and greater open area, while switching from traditional woven wire to side-tensioned polyurethane media has extended wear life by up to 400% and reduced noise levels. Modular deck conversions and pinless fastening systems have also reduced maintenance downtime and improved safety during media change-outs, while the use of softer rubber compounds has significantly reduced blinding in challenging applications," Basson highlights.

Multotec's commitment to delivering holistic, engineered screening systems rather than individual components, combined with its understanding of the entire minerals processing flow sheet, is critical to developing effective, modern screening solutions that are tailored to its customers' ore characteristics.

By considering screening as part of the broader beneficiation process rather than an isolated unit operation, Multotec helps customers achieve sustainable improvements in throughput, efficiency and operating costs.

ZAMBIA APPROVES TANZANIA AND NAMIBIA FUEL PIPELINES TO STRENGTHEN ENERGY SECURITY

Zambia's Cabinet has approved two major regional pipeline projects aimed at diversifying the country's fuel supply routes, improving energy security, and meeting growing petroleum demand.

The projects are the Tanzania-Zambia Multi-Products Pipeline (TZMPP) and the Namibia-Zambia Refined Petroleum and Natural Gas Pipeline (NZPGP). The government has also approved a shareholding structure for the new Tanzania-Zambia pipeline.

Both projects are intended to reduce Zambia's reliance on existing fuel supply infrastructure and create additional routes for importing petroleum products.

The TZMPP will complement the existing TAZAMA pipeline and is designed to transport refined products, including petrol, diesel, jet fuel, and kerosene, from Tanzania into Zambia.

The second project, the NZPGP, will establish a western supply corridor linking Zambia with Namibia. In addition to refined petroleum products, the pipeline is planned to transport natural gas, creating potential opportunities for gas-to-power generation and industrial users.

Supporting Mining and Industrial Growth

Reliable fuel and energy supplies are particularly important for Zambia's economy, where the mining sector is a major consumer of petroleum products and electricity. The proposed gas infrastructure could also support power generation for energy-intensive industries, including copper mining, while improving the diversification of Zambia's energy mix.

The projects form part of a broader effort to strengthen regional energy connectivity and reduce the risks associated with dependence on a single import corridor. Zambia has faced periods of fuel supply pressure in the past, underscoring the need for greater storage capacity, reliable transport infrastructure, and multiple import routes.

The government has previously moved to integrate the existing TAZAMA pipeline into the development of the new multi-product pipeline, with the aim of improving efficiency and increasing petroleum throughput.

Together, the new projects could give Zambia greater flexibility in sourcing fuel while strengthening its position as an important energy and trade hub in the region.

If successfully implemented, the pipelines are expected to improve the reliability of petroleum supplies, support industrial activity, and enhance Zambia's long-term energy security.





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WEARCHECK TO DEMONSTRATE ADVANCED CONDITION MONITORING EXPERTISE AT ELECTRA MINING 2026

Electra Mining Africa 2026 delegates can explore how modern condition monitoring technologies are helping mining and industrial operations reduce downtime, extend equipment life and improve maintenance planning, at the exhibit by leading condition monitoring specialist WearCheck (Stand E30, Hall 5).

With five decades of experience in predictive maintenance, WearCheck has established itself as one of Africa's leading providers of diagnostic services for the mining, engineering, power generation, manufacturing, transport and industrial sectors. The company will use this year's exhibition to demonstrate how its comprehensive range of laboratory and field-based services helps organisations make informed maintenance decisions based on scientific analysis rather than reactive repairs.

WearCheck managing director, Neil Robinson, outlines the company's philosophy, 'We keep it simple – we aim to identify developing faults long before they result in costly equipment failures. By monitoring the condition of critical assets while they remain in service, maintenance teams can plan interventions during scheduled shutdowns, avoid unexpected breakdowns and optimise the lifespan of expensive machinery. This translates into direct cost savings and productivity enhancements for our customers.'

WearCheck's core offering is its renowned used-oil analysis service. Samples undergo sophisticated laboratory testing to identify wear metals, contaminants and lubricant degradation. These test results provide valuable insights into the health of engines, gearboxes, hydraulic systems, turbines and other lubricated equipment, allowing customers to detect abnormal wear patterns and emerging mechanical issues before they become catastrophic failures.

Complementing oil analysis is a range of specialised condition monitoring services that provide a holistic picture of asset health. These include fuel analysis, transformer chemistry services, lubrication-enabled reliability (LER) programmes and Asset Reliability Care (ARC) services, incorporating advanced field techniques such as non-destructive testing (NDT), technical compliance inspections and rope condition assessment for mining applications.

WearCheck's team of highly qualified diagnosticians interprets laboratory data and inspection findings, providing practical recommendations tailored to each customer's operating environment. Together, the company's nine diagnosticians bring a remarkable two centuries (yes, 200 years) of combined expertise. Backed by WearCheck's comprehensive database of testing results, built over 50 years, their recommendations carry significant weight and authority.

According to Robinson, condition monitoring has become an essential element of modern asset management as industries strive to improve productivity while reducing operating costs.

'Mining and industrial companies are under constant pressure to maximise equipment availability, improve

efficiency and control maintenance expenditure. Condition monitoring provides the information they need to make confident maintenance decisions based on evidence rather than assumptions. Our role is to help customers identify potential problems before they become expensive failures.'

Electra Mining as an ideal opportunity for visitors to discuss their maintenance challenges directly with WearCheck's technical specialists.

'Electra Mining brings together the people responsible for keeping some of Africa's largest industrial operations running. We look forward to welcoming visitors to our stand to demonstrate how our laboratory expertise, field services and diagnostic capabilities can support more reliable, efficient and cost-effective operations.'

The company's reputation is proudly underpinned by internationally recognised quality standards. WearCheck operates 16 world-class laboratories across nine countries around Africa and beyond, supporting customers in numerous industries.

WearCheck's laboratories operate under internationally recognised quality-management and technical accreditation systems, ensuring customers receive accurate, reliable and consistent analytical results. Robinson's quality-management team ensures that regular audits produce positive results, leading to long-term customer confidence.

As maintenance strategies continue to evolve from reactive repairs to predictive and reliability-centred maintenance, condition monitoring is playing an increasingly important role in improving equipment availability and reducing lifecycle costs.

Electra Mining Africa 2026 delegates can meet WearCheck at Stand E30, Hall 5, where technical specialists will be available to discuss condition monitoring solutions and demonstrate how predictive maintenance can improve operational reliability and productivity.

This year, WearCheck celebrates half a century of science-driven insights and turning condition monitoring into measurable reliability.

Please visit www.wearcheck.co.za or contact WearCheck on marketing@wearcheck.co.za or +27 (31) 700-5460



SUSTAINABLE SOLUTIONS DRIVING INDUSTRY TRANSFORMATION AT ELECTRA MINING AFRICA

Renewable energy, ESG, decarbonisation and environmental innovation are increasingly shaping strategic decision-making across mining, manufacturing and industry. Organisations are seeking to improve energy security, reduce emissions, strengthen supply chain competitiveness and position themselves for long-term sustainable growth. International customers, investors and supply chain partners are also placing greater emphasis on ESG performance, carbon reporting and responsible business practices, making measurable sustainability progress an important competitive advantage.

Organisations looking to embed sustainable, cost-saving and waste-minimising improvements throughout their operations will find practical solutions at this year's Electra Mining Africa, the largest industrial exhibition in Southern Africa. Visitors will be able to see technologies designed to reduce energy consumption, material usage, waste, emissions and downtime while improving productivity across the production process.

Among the innovations on display is ABB's extended automation approach, which integrates electrification, digitalisation and lifecycle services into a unified automation ecosystem. By providing real-time operational visibility, the solution enables companies to identify inefficiencies, reduce downtime and optimise energy use.

Demolition and Drilling Equipment (DDE) will showcase a range of all-electric equipment, including BROKK demolition robots, RockBreaker pedestal boom systems, First Green Industries skid steer loaders and Pentrunder concrete cutting equipment. The equipment will be powered on the stand, allowing visitors to experience the technology firsthand.

Bell Equipment will present its new motor grader range, built on a future-ready platform designed to support responsible and efficient operations. The machines are compatible with both B20 biodiesel and Hydrotreated Vegetable Oil (HVO) without modification. An advanced hydromechanical transmission enables operation at lower engine RPMs, reducing fuel consumption and emissions while maintaining grading performance.

Energy efficiency also extends to power transmission. Vulkan will demonstrate coupling technologies that improve mechanical efficiency, including the GBNDA eco-friendly coupling series, designed for durability and longer service life, and the GsND coupling series, engineered to enhance power transmission efficiency. By reducing mechanical losses, these solutions maximise the proportion of electrical energy used for productive work, helping large-scale operations lower overall energy consumption over time.

Derrick will exhibit the SuperStack Front-to-Back (FTB) dry screening technology and the G-Vault urethane interstage screening solution. The SuperStack delivers high-efficiency screening for mining and industrial mineral applications, improving classification efficiency and resource recovery



while increasing throughput within a compact footprint. This enables operators to improve productivity while reducing the environmental impact associated with processing larger ore volumes.

Supporting infrastructure also plays an important role in improving sustainability and operational reliability. Roxtec will showcase modular sealing systems for cable and pipe penetrations that provide protection against fire, water, dust and air leakage, while allowing high cable density and future system modifications without compromising seal integrity.

Manufactured locally in South Africa, BEKA Schröder's solar lighting solutions provide reliable off-grid illumination for demanding mining environments. Operating independently of the electrical grid, the systems eliminate the need for extensive trenching, underground cabling and costly electrical reticulation.

Many international brands will also be represented at Electra Mining Africa, with Pump Solve showcasing sustainable technologies from around the world tailored for harsh African operating environments. CHINT will exhibit solutions ranging from power transformers and smart distribution systems to solar technologies, battery storage and remote monitoring systems that improve operational reliability while supporting renewable energy integration.

Beyond the exhibition floor, the free-to-attend Southern African Institute of Mining and Metallurgy (SAIMM) Seminar Theatre, will feature presentations on industry best practice, emerging technologies and practical solutions. The Society for Automation Instrumentation Mechatronics and Computer Engineering (SAIMC) will host technical workshops on the second day of the show, while the SA Institution of Mechanical Engineering (SAIMechE) will host the SAIMechE Skills and Career Hub throughout the event. WiMSA will also host a half-day Women in Mining workshop.

Electra Mining Africa takes place at the Johannesburg Expo Centre in Nasrec, Johannesburg, between 7-11 September 2026. Visitors can register at www.electramining.co.za

ELECTRA MINING AFRICA SHOWCASES THE TECHNOLOGIES SHAPING TOMORROW'S INDUSTRY

As industrial technologies continue to evolve at pace, mining, manufacturing and industrial businesses are under increasing pressure to improve productivity, strengthen safety, reduce operating costs and meet growing sustainability expectations. At the same time, advances in digital technologies are transforming how organisations design, manage and optimise their operations. The focus has shifted from exploring technological possibilities to implementing practical solutions that deliver measurable business value.

As these technologies continue to mature, organisations are moving beyond stand-alone digital solutions towards connected, intelligent operations. Industrial automation, artificial intelligence (AI), robotics, predictive maintenance, digital manufacturing and smart operational systems are increasingly being integrated to improve decision-making, optimise asset performance, reduce downtime and improve safety in the workplace.

For industry professionals looking to explore the latest industrial technologies and solutions, Electra Mining Africa will once again bring together technology solution providers, equipment manufacturers, engineering specialists and industry experts under one roof.

Reflecting continued confidence expressed by industry, Electra Mining Africa has expanded its footprint for the 2026 edition. The exhibition has grown by 4,000m² compared with the previous event to a record 44,000m² of net exhibition space. Exhibitors will occupy six indoor exhibition halls together with expanded outdoor display areas.

Taking place from 7-11 September at the Johannesburg Expo Centre in Nasrec, Electra Mining Africa will showcase thousands of products, technologies and services from more

than 1,000 local and international exhibitors. From large-scale mining equipment and industrial machinery to automation systems, digital technologies, power solutions and manufacturing innovations, the exhibition brings together a broad range of technologies, equipment and services for the mining, manufacturing and industrial sectors.

Attendees will also discover pumps and valves, welding and fabrication equipment, safety solutions, personal protective equipment (PPE), tools, components and engineering services. They will be able to compare solutions, engage directly with technical specialists and company representatives, and evaluate products designed to address real operational challenges.

While the mining, automation, electrical, power, manufacturing and transport sectors each have their own specialised technologies and expertise, today's industrial operations increasingly rely on integrated solutions to improve productivity, efficiency and safety. Bringing these sectors together under one roof enables industry professionals to better appreciate how these complementary capabilities support smarter industrial operations.

Beyond the exhibition floor, Electra Mining Africa offers opportunities for professional development, networking and knowledge sharing through a programme of seminars and workshops. New for 2026, the SAImechE Skills and Career Hub will encourage collaboration between industry and the education and training sector, while a range of co-located events will further reinforce the exhibition's focus on technical excellence, innovation and industry advancement.

For more information and visitor registration, visit www.electramining.co.za





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