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Mining ZIMBABWE

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Interview Elizabeth Nerwande, head corporate affairs Mimosa Mine- 10
Blessing Hungwe Nharara Leads the Charge for Women and Sustainability in Zimbabwe's ASM Sector - 16
Sweden's LKAB could meet 18% of Europe's rare earth metal demand - 36

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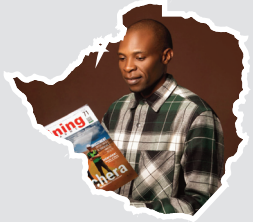
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CONTENT

MINING ZIMBABWE MAGAZINE | ISSUE 78



08 How Can Sustainability and Innovation Drive the Mining Sector Forward

10 Makanaka Jessica Madziwa an inspiring example of a determined woman

12 **Interview: Elizabeth Nerwande**

16 Blessing Hungwe Nharara Leads Charge for Women and Sustainability in Zimbabwe's ASM Sector

18 Barbara Mutambanengwe - Breaking Barriers in the Diamond Industry

22 Power and productivity from a new generation of Volvo CE excavators

24 Mimosa Records Zero Fatalities for the Second Consecutive Year

26 Zimplats Targets 2028 for Turf, SMC Water Recycling Project, Achieves 35% Freshwater Reduction

28 Zimplats Community Spending Plummets 77% Amid Softening Commodity Prices

29 Exploration Critical to Zimbabwe's Mineral Development

30 Pickstone Peerless Produces 750 kg of Gold in 2024 Amid Transition to Underground Mining



31 Kuvimba Invests US$13 Million in Freda Rebecca TSF Expansion, Boosts Sustainability Efforts

32 Optimism Amidst Uncertainty: The Path Toward Economic Viability at Redwing Gold Mine

33 Sandawana to Boost Spodumene Concentrate Production with 0.5 Million-Tonne Plant

34 Zimbabwe's Coal Future in Jeopardy as South Africa Eyes US$2.6 Billion from World Bank for Green Transition

38 Minerals and Location found in Zimbabwe

52 Zimbabwe's Fully Operational Diamond Companies in 2025

56 Minerals and Location found in Zimbabwe

Zimbabwe: The Next Mining Powerhouse Ready for Global Investors!



THE CLEAR PERSPECTIVE

As we launch this special issue focused on Investing in Africa Mining Indaba, we invite global investors to take a closer look at Zimbabwe, a nation rich in resources and poised for a mining revolution. Zimbabwe stands as one of Africa's most resource-endowed nations, offering opportunities that rival some of the top mining destinations globally.

With over 40 valuable minerals, including gold, diamonds, platinum group metals (PGMs), and lithium, Zimbabwe is not only rich in mineral wealth but also strategically positioned to supply critical minerals essential for today's industries, from electric vehicle batteries to clean energy technologies. The country's mineral wealth is complemented by a robust mining infrastructure, a government dedicated to fostering investment, and a mining sector ready for growth.

We have highlighted key mining projects across Zimbabwe, from massive operations like Karo Platinum and ZCDC's diamond initiatives to lithium mines like Arcadia and Bikita, positioning Zimbabwe as a central player in the global energy transition. These projects demonstrate the scale, ambition, and readiness of Zimbabwe's mining sector to welcome new partnerships and investors.

Despite global challenges, Zimbabwe's mining industry remains resilient, continuing to push forward with expansion and innovation. The country's mining policies, which prioritize joint ventures and local beneficiation, ensure that investors can work closely with the government and local players to build sustainable, mutually beneficial mining ventures.

This issue is filled with insights, updates, and opportunities in Zimbabwe's mining sector, from verified mineral deposits to ambitious ongoing projects. Investors are not just invited to observe but to participate in the nation's next mining boom. Zimbabwe offers a unique opportunity where rich mineral resources, a supportive government, and an eager work-force converge to unlock untapped potential.

Now is the time to invest in Zimbabwe, a country ripe for growth, with opportunities spanning the entire value chain—from exploration to extraction and processing. As global demand for critical minerals continues to rise, Zimbabwe stands ready to be a key supplier and partner in your investment journey.

We look forward to seeing you explore these opportunities in Zimbabwe, where the future of mining awaits.

Keith Dungiso

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How Can Sustainability and Innovation Drive the Mining Sector Forward

This takes centre stage at the Sustainability in Mining Expo organized by the Swedish Embassy and Business Sweden in collaboration with the Zimbabwe Investment Development Agency (ZIDA) on March 21 2025 in Harare.



Ambassador Per Lindgärde

The event will bring together business leaders, policymakers, and mining industry experts from both Sweden and Zimbabwe. As a mining nation of more than 100 years, Sweden has a strong track record within sustainability in mining. Swedish companies deliver state-of-the-art technology and solutions to the mining sector world-wide. Indeed, more than 70 per cent of the equipment found in mines all over the world today is Swedish.

As such, Swedish companies deliver cutting-edge solutions and can contribute to the development of the mining sector in Zimbabwe. These include brands such as **ABB, Atlas Copco, Epiroc, Ericsson, Fogmaker, Grindex, Hexagon, Rendera Consulting, Sandvik, Scania and Volvo** who are joining the platform set up in Harare on March 21. There are also important opportunities for exchanges within resereach and innovation with institutions such as the Luleå University of Technology and Swedish Metals & Minerals showing interest in Zimbabwe.

Together through closer collaboration between Sweden and Zimbabwe, we can unlock mutual benefits in technology, environmental sustainability, and economic growth. Swedish companies bring valuable perspectives, innovative technologies, and sustainable practices that can help Zimbabwe unlock its mining potential while ensuring widespread and long-lasting benefits. Sweden for example is now one of the leading developers of underground equipment. The level of digitalization and automation in the Swedish mining industry is among the highest in the world. Meanwhile, Swedish companies have a holistic approach to the industry, that incorporates innovations such as renewable energy integration and efficient waste management, and a high level of CSR commitment, adhering to high global standards in terms of environmental and social governance.

As a mining nation of more than **100 years**, *Sweden* has a strong track ***record*** within sustainability in mining.

The Embassy of Sweden and Business Sweden remain committed to supporting Zimbabwe's efforts toward a more sustainable mining sector by leveraging Swedish solutions and expertise. Ambassador Lindgärde states, "Zimbabwe is a country brimming with potential—rich in natural resources, human capital, and opportunities for growth." We hope that the Sustainability in Mining Expo will only be a first step on the path to closer collaboration between our countries and industries towards unlocking that potential.

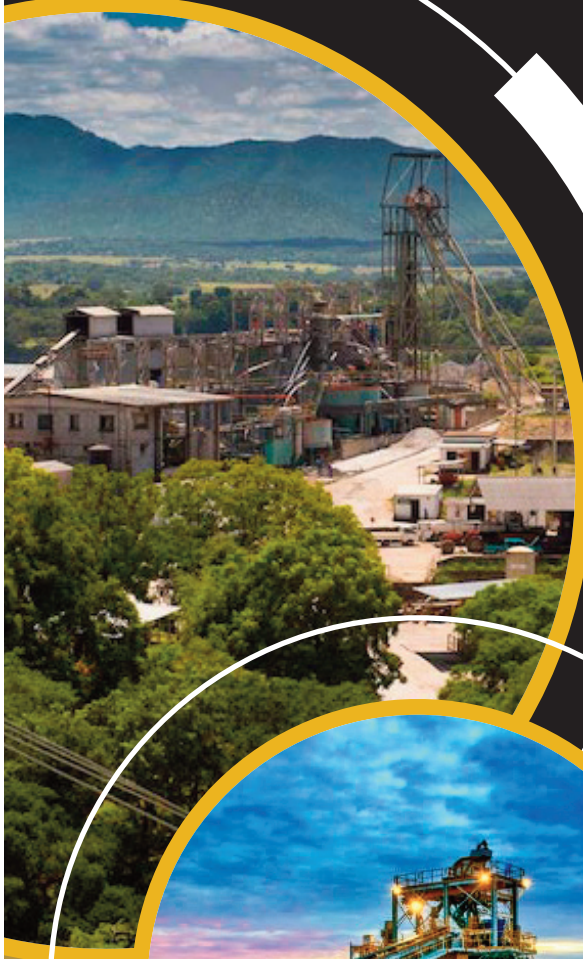
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Friday, 28 March 2025

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Celebrating Women's Month!

Maka is an inspiring example of a woman determined to follow her dreams in a typically male-dominated industry. Thank you for sharing your experiences with us!

HAC Emergency Medical Dispatcher, Makanaka Jessica Madziwa, affectionately known as Maka, shares her journey to becoming a successful female in the medical industry in Zimbabwe. Maka is aged 25 and grew up in Mabelreign, Harare, with her family. At the age of eight, she was diagnosed with an illness that took her in and out of hospital. The medical care she received during this time triggered her interest in medicine; she knew she wanted to care for patients someday. She attended Hallingbury Primary School, Tynwald High School and achieved her A Levels at Elephant High School before she began her search for a career.

Q. Please tell us how you came to be a Medical Dispatcher?

A. Initially, I really wanted to be a nurse. After my O Levels, I applied many times for nursing work but did not succeed. After completing my A Levels, I completed a digital marketing course online. I was trying to pursue that line of work while still applying for nursing when COVID hit. After the restrictions were lifted, my mother, who has always been my motivator, encouraged me to try out the Basic First Aid Course with her as a first step to my childhood dream of being in the medical field.

I found that I really enjoyed it and went on to do the Advanced First Aid Course and then the Ambulance Technician (AT) course. I trained as an intern Ambulance Technician and Dispatcher, which led me to my first full-time position as an Emergency Medical Dispatcher.



MAKANAKA JESSICA MADZIWA

Q. What are some of your proudest achievements in your professional life?

A. Firstly, I am so very proud to work for such an esteemed company like Halsted's Aviation Corporation (HAC). It has been an enormous privilege for me to learn about the aviation industry from true professionals in the business. I feel that this company has given me a valuable education. Secondly, I am proud to successfully dispatch emergency medical personnel to critical situations, while observing protocols and procedures to provide the best possible care. Thirdly, I am grateful to have built strong relationships with experienced EMS responders, nurses, doctors and other healthcare professionals to ensure that patients receive comprehensive and coordinated care. Fourthly, I am proud to consistently meet and exceed call handling time targets, ensuring that emergency calls are responded to promptly and efficiently. And lastly, mentoring new dispatchers by sharing my knowledge and experience and watching them excel in their career has been so rewarding.

Q. What are the challenges you have faced as a woman in a male-dominated industry?

A. It is very difficult to grow in terms of career advancement. Usually, employers will hire men in this line of work. Originally, Emergency Medical Service jobs were primarily intended for men, as this work can be physically demanding, requires many long shifts and is quite inflexible. Recently, with the improvements in gender equality, women are definitely being considered for a wider range of roles in the industry.

Q. Can you share an example of a professional decision you made that positively impacted your career?

A. My personal decision last year to enrol in the Diploma in Emergency Medical Care, which is the paramedic course, has proven to be a perfect move for me. This course is now being offered in Zimbabwe through the Women's University in Africa, which also encourages women empowerment. Prior to this important institution opening, the course was only available in South Africa and was financially out of reach for me.

Being a paramedic will increase my scope of practice and make me eligible for a higher rank within the company and internationally. I will complete the course later this year in November 2025. Ultimately, I am hoping to become a flight paramedic after I complete the Aviation Medicine Course.

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Elizabeth Nerwande

My name is Elizabeth Nerwande, I am Head of Corporate Affairs at Mimosa Mine. I am a social worker and psychologist by training. I hold an Honours Degree in Industrial Psychology and a Bachelor of Science Degree in Social Work. Before joining Mimosa, my previous work experience included serving as Executive Director of the Consumer Council of Zimbabwe, Chief Executive Officer of ZimTrade, and Commissioner General for Zimbabwe during the 2015 Aichi World Expo held in Japan. I had a normal Zimbabwean upbringing, and I was always driven by a desire to do better in life.



Elizabeth Nerwande

You have a strong background in social work and psychology. How did you transition from these fields into the mining industry, and what drew you to it?

EN: My work has always focused on understanding communities and bridging the gap between community expectations and business obligations. Most major mining companies have a dedicated department for this role. So, it was not surprising that in 2009, I found myself consulting for three mining companies on strategic forward-planning issues. I was part of a team instrumental in providing innovative solutions and leadership direction in my area of expertise. Based on the work I did for Mimosa, they requested me to join them on a full-time basis in 2011.

What have been some of the defining moments in your career, particularly as you navigated a traditionally male-dominated industry like mining?

My election as President of the Chamber of Mines of Zimbabwe is particularly memorable, as I was the first woman to hold that position. I'm glad to say the Chamber was able to embrace people irrespective of their gender. I had known it as an organisation solidly built around its values, traditions, and norms, and one of its most sacrosanct traditions was respect for leadership and competency.

Can you share an experience that helped shape your leadership approach?

I believe leadership is shaped not so much by single incidents but by everyday lived experiences. The challenging situations we face daily require us to rethink our strategies and adapt quickly. In my case, I have learned that instead of making unilateral decisions, it's more fruitful to engage my team in open discussions, ensuring that every voice is heard. This experience has reinforced the power of inclusive leadership—when people feel valued and empowered, they contribute their best ideas and efforts. This aligns with our organisational philosophy at Mimosa, where we say, if our people have Mimosa in their hearts and minds, they perform better.

My guiding principle has been that opportunity favours the prepared mind. Big dreams require healthy habits, and healthy habits require self-discipline.

As the first woman to lead the Chamber of Mines Zimbabwe, how did this experience shape your perspective on women's roles in the mining sector?

My perspective is that, as in any profession, your competence must speak for itself. We must de-emphasise gender and focus on competence and capability. Having said this, I'm glad to note that during my tenure at the Chamber, people saw me not as a woman but as a competent professional leader. I believe women intending to enter the mining sector must aim to achieve this. No company would want to employ a woman just for the sake of it. So, I encourage women to acquire the requisite training and skills if they want to enter the mining sector. It's encouraging to note that we now have women engineers, geologists, and professionals in other technical fields that were previously male-dominated.

My election as **President of the Chamber of Mines of Zimbabwe** is particularly memorable, as I **was the first woman to hold that position**. I'm glad to say the Chamber was able to embrace people irrespective of their gender.

Continued on the next page>>



Over the years, you've held significant leadership roles in Zimbabwe's mining industry. How have you seen the sector evolve since you first joined, and what has your role been in influencing these changes?

EN: The mining sector in Zimbabwe has evolved tremendously since I first joined, particularly in governance, sustainability, and inclusivity. In the past, mining was largely viewed through the lens of extraction and economic gain. Today, there is a greater emphasis on responsible mining practices, environmental stewardship, and community engagement. The role of technology has also expanded, improving efficiency and safety while creating new opportunities for a more diverse workforce.

One of the most notable shifts has been the increasing recognition of women's contributions to the industry. When I began my journey, mining was predominantly male-dominated, with limited opportunities for women in leadership and technical roles. Today, we see more women not only entering the industry but also taking up influential positions in operations, policy, and governance.

Throughout my career, I have been committed to driving these positive changes. Whether through policy advocacy or corporate governance initiatives, I have worked to create an environment where diversity and inclusion are seen as strengths rather than challenges. I have also championed ethical leadership and ESG (Environmental, Social, and Governance) principles to ensure that mining benefits not just companies but also communities and the nation at large.

What were some of the challenges you faced as a woman in mining, and how did you overcome them?

Working in an industry dominated by men comes with its challenges. I realised I needed to make certain adjustments and work on managing the dynamics of gaining entry and acceptance into the "big boys' club." The pressure was real, and sometimes the fear of failure was overwhelming. However, I soon realised that we are not meant to compete with our male counterparts but to complement each other.

The workplace does not need more women trying to be men it just needs more women. Women bring a humane element to work, which is invaluable in ensuring psychosocial well-being and long-term sustainability.

Were there any specific moments where your gender posed unique challenges or perhaps even advantages?

Yes, there were moments when my gender posed challenges, particularly in gaining initial acceptance in leadership circles. However, I also found that being a woman sometimes gave me an advantage—especially in stakeholder engagement, where empathy, collaboration, and strong communication skills were highly valued.

What has been your approach to building relationships with key stakeholders, including communities, governments, and other industry players, in your role as Head of Corporate Affairs at Mimosa Mining Company?

At Mimosa, we have fully embraced the culture of building relationships with all our stakeholders. We strive for success in delivering value to our stakeholders. In this respect, we have a well-structured stakeholder engagement plan, which involves regular meetings to exchange ideas on how to improve our relations. Stakeholder relations are one of Mimosa's strongest areas, and we will continue to nurture mutually beneficial relationships.

Can you describe the impact of your leadership on the initiatives you have championed within the mining sector, especially those that support women's participation and advancement?

Through our CSR work, we have positively impacted communities by providing health services to women, educational infrastructure and support for girls, and potable water, which eases the burden of water collection in rural communities. Our horticulture gardens initiative has also helped women provide food for their families.

The mining industry is continually evolving, with a focus on sustainability, modernization, and gender inclusivity. How do you see the role of women changing in the current mining setup, and what more can be done to create equal opportunities?

EN: The role of women in mining has significantly evolved over the years. With the industry's increasing focus on sustainability, modernization, and inclusivity, we are seeing more women taking up technical, operational, and leadership roles that were once male-dominated. The adoption of new technologies, automation, and ESG (Environmental, Social, and Governance) principles has further opened doors for women, as physical barriers are reduced and skill-based opportunities expand.

We need to empower women with the requisite training so that they attain the competency needed by the industry. This may entail the promotion of STEM subjects for girls. Collaboration between industry leaders, policymakers, and educational institutions is also critical in encouraging more women to pursue careers in mining. By investing in STEM education, scholarships, and outreach programs, we can inspire the next generation of female mining professionals.

Ultimately, gender inclusivity is not just about fairness—it is about industry sustainability. A diverse workforce drives innovation, enhances decision-making, and strengthens business resilience. The mining industry must continue to embrace this transformation to remain competitive and socially responsible.

Reflecting on Zimbabwe's previous goal of a US$12 billion mining industry by 2023, how do you feel this target has impacted the current mining landscape, and what do you think women, specifically, have contributed to this vision?

EN: I think there was a convergence of minds that the mining industry could chase that target, and I believe that with the sustained growth we are witnessing in mining, it's only a matter of time before it is achieved. In the last five years or so, the growth has been phenomenal.

Continued on the next page>>

As to what women have contributed, let me say it's not about women—it's about the industry accepting women as co-participants. The focus must be on understanding that women can also excel in the industry. Let us emphasize competency across the board. We must move away from the notion that simply because we are women, our competence must be questioned or defined by our gender. No, we are humans. Competence must be assessed equally for both genders.

How does Mimosa Mining Company navigate the challenges of balancing profitability with its corporate social responsibility (CSR) and environmental sustainability commitments?

In 2019, we unveiled our Investing Beyond Mining logo to affirm our commitment to sharing the benefits of our operations with the community. Every year, we allocate a percentage of our revenue to CSR initiatives, which we regard with utmost commitment. Over the years, we have made sustained, impactful investments in the areas of health, education, infrastructure development, water and sanitation, as well as sustainable projects.

With the increasing focus on ESG (Environmental, Social, and Governance) principles, how do you see the mining sector in Zimbabwe evolving in the next five to ten years, and what role do you believe women will play in this shift?

EN: The mining sector in Zimbabwe is poised for significant transformation over the next five to ten years, largely driven by the increasing focus on ESG principles. Sustainability will no longer be a peripheral concern but a core part of business strategy. Companies will be expected to adopt greener technologies, reduce their carbon footprint, and implement responsible mining practices that minimize environmental impact. Community engagement and ethical governance will also play a critical role in ensuring that mining benefits local populations and aligns with national development goals.

As I have indicated earlier, the main issue is to de-emphasize gender and stress competency. I believe many competent women will take up influential positions in mining in the next few years.

As someone who has broken barriers in the mining industry, what message or advice would you give to young women aspiring to join the sector?

EN: To young women aspiring to join the mining industry, my message is simple: Be bold, be resilient, be competent, and believe in your potential. The mining sector is no longer just a man's world—it is evolving, and there is growing recognition of the value that women bring to the industry.

Challenges will come, but do not let them define your journey. Equip yourself with knowledge and never stop learning. Technical skills and expertise will open doors, but confidence and perseverance will keep them open.

Lastly, as we celebrate Women's Month, what does this celebration mean to you personally, and how do you continue to champion women's empowerment in the industry and beyond?

EN: Women's Month is a time of reflection, celebration, and renewed commitment to advancing gender parity. To me, it is a reminder of the resilience, strength, and contributions of women across all industries, including mining, where we continue to break barriers and redefine possibilities.

Women's Month is not just about celebration; it is about pushing forward with the work that still needs to be done. Together, we can build a more inclusive and equitable future for all.



Mimosa Mine in 2019 - Image source Scottyphotography

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Blessing Hungwe Nharara

Leads Charge for Women and Sustainability in Zimbabwe's ASM Sector



Blessing Hungwe Nharara at her mine site in Makonde

In an endeavour to ensure that women are at the forefront of Zimbabwe's artisanal and small-scale mining (ASM) sector, prominent miner and leader Blessing Hungwe is making waves by empowering women miners while advocating for sustainable practices that benefit both communities and the environment, Mining Zimbabwe can report.

By Rudairo Mapuranga

In a male-dominated mining industry, Hungwe stands as a beacon of resilience, empowerment, and sustainability. Her journey in mining is a powerful example of determination and passion, and she believes that women play a critical role in the sector's sustainable growth.

"We need to ensure that women in mining are not left behind. They are instrumental in the development of artisanal and small-scale mining and must be supported," she said.

Championing Women's Participation in Mining

Blessing Hungwe has become a key advocate for women's involvement in Zimbabwe's ASM sector. She emphasizes the need for gender equality and support systems that enable women to thrive in the mining industry. Through her leadership and involvement in community development initiatives, Hungwe has continuously pushed for the empowerment of women, enabling them to take charge of mining projects and acquire the skills necessary to run successful operations.

"Women face unique challenges in mining, from lack of access to finance to the physical demands of the work. But with the right training, support, and policies in place, they can overcome these challenges and succeed," Hungwe explained during one of her discussions.

Her efforts focus not just on the inclusion of women but also on ensuring that they are equipped with the tools needed to stay competitive. She has played an instrumental role in organizing training programs on safety, mining technologies, and best practices to protect both workers and the environment.

Driving Sustainability in Artisanal and Small-Scale Mining

One of the central tenets of Hungwe's work is sustainability. She understands the environmental challenges of ASM and has been vocal about the need for responsible mining practices. In a podcast with the World Bank, she reiterated, "We have to consider the impact of our actions on future generations. Mining is not just about extracting resources today; it's about ensuring that the environment is preserved for those who come after us."

Hungwe has led efforts to promote eco-friendly mining techniques, urging miners to take responsibility for the land they work on and prioritize land rehabilitation. Her vision includes educating communities about reforestation projects and supporting miners with resources to restore areas degraded by mining activities. This approach ensures that mining is not just profitable for the present but sustainable for the future.

Blessing Hungwe's Legacy and Future Vision

Hungwe's influence in Zimbabwe's ASM sector is a testament to her deep commitment to social justice, economic empowerment, and environmental sustainability. Her leadership has brought women to the forefront of mining while demonstrating how mining can be done responsibly. She envisions a future where artisanal and small-scale mining is not only profitable but also sustainable and inclusive.

"We need to strike a balance between the economic benefits of mining and the preservation of our natural environment. This balance is what will ensure that mining remains a viable source of income for many generations to come," Hungwe stated.

Through her relentless advocacy for women and sustainability, Blessing Hungwe is shaping the future of Zimbabwe's ASM sector. Her legacy of empowering women and promoting responsible mining practices will continue to inspire, ensuring that both prosperity and sustainability are central to mining in Zimbabwe.

Her work reminds us that true progress in mining is not just about profits—it's about people and the planet.





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Barbara Mutambanengwe

Breaking Barriers in the Diamond Industry

Barbra Mutanganengwe

Barbara, your journey in the mining sector has been remarkable. Could you share with us your background and what inspired you to pursue a career in mining, particularly in the male-dominated diamond industry?

Thank you for the kind compliment. My background stems from a long stay in Botswana, where I became acquainted with diamond partners who encouraged me to train in diamond processing. I became the first diamond processor in Zimbabwe, breaking into a male-dominated domain.

As the CEO of KeNako, a diamond cleaning company, what have been the most pivotal moments in your career so far?

One pivotal moment was realizing that Zimbabwe is a resource-rich country, yet little effort had been directed toward value addition in the mining sector. My drive for value addition led me to seek investment opportunities that introduced novelty to the industry.

What challenges have you faced as a woman in mining, and how have you overcome them to build a successful career?

Women are often looked down upon, particularly in mining. However, I've overcome these challenges by providing consistent, high-quality services that blurred the gender lines. In the face of good service and innovation, my being a woman became irrelevant.

As a leader in the gemstone industry, what are your main responsibilities, and how do you ensure the effective management of your company?

My main responsibility is instilling a strong culture of accountability and transparency. This has contributed to the continued success of the company in an industry that often does not forgive unscrupulous actors.

The gemstone industry is often complex, with many legal and ethical considerations. How do you navigate these challenges while promoting transparency and sustainable practices?

Indeed, the industry is complex. We set ambitious quality management systems that exceed the norm. By investing in research and development, we continuously self-audit, allowing us to identify and address gaps quickly.

Your leadership in the gem sector comes at a time when Zimbabwe's mining industry is growing. How do you see the gemstone sector contributing to the overall growth of the mining industry in Zimbabwe?

The industry is facing headwinds with the rise of synthetic diamonds, which has led to a dip in natural stone prices. For Zimbabwe to remain relevant, we need to set ourselves apart through innovation and value addition. This will allow us to weather short-term market fluctuations and stay competitive in the international diamond market.

What strategies have you implemented to ensure your company stays competitive in the gem industry, both locally and internationally?

We continue to innovate relentlessly. We benchmark our work against international diamond powerhouses in Antwerp and Tel Aviv. Our ambitious goal is to lead new trends rather than adopt them from others.

As we celebrate Women in Mining this month, how do you feel the landscape for women in mining has evolved in Zimbabwe? What progress has been made, and what areas still need attention?

A lot of progress has been made, largely due to the enabling environment set by the government. However, funding remains a hindrance for women and youth in mining. We need more readily accessible financing structures geared toward mining and value addition in Zimbabwe.

You have been a trailblazer in your field. What initiatives or programs are you involved in to mentor and support other women entering the mining industry?

I work closely with organizations that seek to increase women's participation in mining. Currently, I am working on an exciting program aimed at teaching young women the fundamentals of running a mining-oriented business. The goal is to equip the next generation with the tools and skills we lacked.

What steps can be taken to encourage more women to take leadership roles within the mining sector, and how can we address barriers such as gender biases in the industry?

Gender bias stifles growth. An important step is leveling the playing field when it comes to access to finance. Initiatives such as the Women's Investment Bank need stronger support to give marginalized genders and populations a fair chance at realizing their projects.

In your experience, what are the key qualities and skills that women need to succeed in the mining sector, and how can they cultivate these traits?

A woman in mining needs courage, grit, determination, and patience. You cannot afford, as a woman, to give up after a setback. Pick yourself up, adjust your strategy, learn, and try again.

Zimbabwe's gemstones have been gaining attention on the global market. What do you think is the future of the gemstone industry in Zimbabwe, and what opportunities do you see for growth and innovation?

Zimbabwe is endowed with rare and precious commodities. There is tremendous opportunity in the cutting and polishing of diamonds—an area we are currently slow to adopt. We need to move quickly

quickly to capture these opportunities.

How important is it to maintain ethical sourcing and environmental sustainability in the gemstone industry, and what steps are you taking to ensure these practices in your operations?

Gemstones have long been infamous for fueling conflict. As a country, we must strive to maintain international certification, not only in diamond marketing but also in mining practices. We also need to introspect on how our mining techniques harm the environment and adopt steps to reverse land degradation. Additionally, investing more in social contracts that benefit the communities where we mine is crucial.

What role do you believe technology and innovation will play in shaping the future of mining, particularly in gemstone extraction and processing?

Like all industries, technology is integral to our continued existence. It has the potential to reduce production costs, improve process efficiencies, and increase conservation efforts.

As a woman who has broken barriers in mining, what personal accomplishments are you most proud of, and how have they influenced your vision for the future of the industry?

My greatest accomplishments include commissioning our facility in February 2016, being nominated 1st Runner-Up for Businesswoman of the Year, and later winning Businesswoman of the Year. In December 2024, I was awarded two awards and two certificates of recognition from Women in Mining.

What advice would you give to young women aspiring to enter the mining sector, especially those who may face skepticism or resistance?

Believe in yourself. Learn with each step and do not be discouraged by temporary setbacks. Keep striving, and believe in your project—no one else will believe in it as much as you do.

Lastly, as you look toward the future, what legacy do you hope to leave behind in the mining and gemstone industries, both for women and the sector as a whole?

I hope to be remembered among the greats of Zimbabwean mining, to be associated with the success of a national project, and to be recognized for transparency in a challenging industry.



Edith Maziofa Tapfuma

Founder of Vitality Wellness Zimbabwe

We met Edith for a conversation of her journey as a woman in business being a key service provider to the mining industry. Through Vitality Wellness, Edith has created a platform that empowers individuals to prioritize their well-being and live healthier lives. In this uplifting conversation, she shares her remarkable story, offering valuable insights into her approach to business, marketing, and wellness.



Can you briefly share your background and journey that led you to found Vitality Wellness?

EMT: I was working in the development sector space managing workplace and community programmes globally and sub-region focused on Gender norms transformation, wellness/wellbeing, HIV/AIDS, promoting decent work and sustainable business practices. In addition, I worked extensively with projects supporting women and youth economic empowerment initiatives. This background knit together my passion and helped me transition from full-time employment to working in a personal capacity as a gender and wellness consultant. Vitality Wellness was birthed in Q1 of 2020 which coincided with the onset of Covid which presented an additional start-up hurdle.

How have wellness issues been embraced by mining entities?

EMT: We work with some of the leading mining companies in the country and have found that generally mining companies have made significant strides in embracing wellness initiatives, recognizing the unique challenges faced by their employees.

Physical Health and Safety Initiatives are a top priority, including ergonomic assessments and interventions, health screenings, and monitoring for occupational diseases. Companies are also investing in Mental Health Support offering access to counselling services, stress management workshops, and support groups to address the psychological stresses associated with mining work.

To promote overall well-being, mining companies are implementing Wellness Programs such as fitness initiatives, healthy meal options, and opportunities for social interaction. Some companies are also providing Environmental Wellness Initiatives including improving air quality, ensuring adequate lighting, and creating restful break areas.

What challenges have you faced as a woman leading a growing company?

EMT: Corporate Zimbabwe was predominantly a male-dominated arena if you check historically. This is changing as we see more female-led organisations beginning and some of the older established corporates appointing women as MD's, CEOs and on their boards. However, even with this progress, female service providers still face hurdles to make in-roads and be awarded contracts and more needs to be done. One thing that really helped me was joining the Women-owned brand/ business platforms which have facilitated opportunities for women with small start-ups to pitch to both corporate and international NGOs.

We work with some of the leading mining companies in the country and have found that generally mining companies have made significant strides in embracing wellness initiatives

You were recently recognized by Megafest with an award as one of the Top 20 Women in Business. What does the award mean to you and Vitality Wellness?

EMT: I was honoured to be recognized for the work that we are doing at Vitality. The award also confirms that wellness issues are starting to take a central role in mines and other corporate organisations. The demand for wellness programmes is rising in Zimbabwe driven by the growing recognition of the importance of employee wellbeing and its impact on productivity and job satisfaction. I hope that many more mining companies which had not started investing in this area begin to seriously consider it for 2025 going forward.

The beauty of the wellness space is that companies can have bespoke and flexible workplace programmes which enable them to align the desired outcomes within budget parameters.

How do you support and empower women through your work?

EMT: One of our key products focuses on female leadership development. It is a 6-month programme which starts with the identification of a female talent group who are then taken through various training stages preparing them for leadership in their companies. This is done to empower those ladies who are identified as future leaders. We also through our service offering bouquet empower women by addressing masculinity stereotypes in the workplace aimed at creating gender-neutral workspaces. More women today are getting into the mining space as engineers, technical staff and various other roles which is a positive development.

How do you maintain work-life balance?

I focus on physical, emotional, mental, and spiritual self-care. I journal what I do in each of these areas to achieve balance. Family is important to me, and I do unplug and prioritise time with my family. I engage in activities that bring me joy, happiness and fulfilment. I enjoy travelling taking "away" breaks quite often. My favourite local getaways are Inyanga and being on a houseboat brings such a peaceful feeling.

What advice would you give to a young lady thinking about taking a career in mining either directly or as a service provider?

EMT: Start where you are and with what you have, believe in yourself. Self confidence is key and will be, believe in your abilities, set a vision for yourself, and stay the course. Sounds cliché but honestly for most women this rings true "your passion is waiting for your courage to catch up".

Vitality wellness



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Power and productivity from a new generation of Volvo CE excavators

Volvo Construction Equipment is releasing six new excavator models in Africa, Middle East and Oceania markets with up to 15% greater fuel efficiency, improved productivity and maintenance options, and a brand-new operator environment.



Volvo Construction Equipment (Volvo CE) is launching new generation excavators for Africa and the Middle East. Six new models – the EC210, EC220, EC230, EC260, EC300, and EC360 – combine cutting-edge technology, robust design, and industry-leading efficiency to benefit various industrial applications.

Each of these excavators integrates engine-pump optimisation technology, delivering up to 15% more fuel-efficiency compared to previous models. With enhanced production and reduced emissions, the excavators help provide greater cost savings while maintaining exceptional performance. A brand-new cab design has also been implemented to increase operator support.

"These new generation excavators can deliver premium quality and heavy-duty performance," says Olle Watz, excavator product manager at Volvo CE Region International. "They mark another way Volvo CE is continuing to understand and adapt to the unique needs of customers and end-users by providing superior, highly productive options."

From agriculture and roadwork to general construction, trenching, and quarrying, the six Volvo CE excavator models are designed to provide reliability and performance in a variety of applications. The excavators draw from years of design and testing, bringing intelligent machine control and a proven legacy to Africa and the Middle East.

"These machines have been developed with a focus on reliability and adaptability, ensuring they excel in varying conditions, offer best-in-class fuel efficiency, and deliver value to operators worldwide," adds Olle.

Excavator excellence

The EC210, EC220, and EC230 excavators have the capabilities to handle heavy loads and challenging terrains with ease. The EC260, EC300, and EC360 are higher-capacity machines built for the most demanding tasks.

A newly designed ROPS-certified cab offers improved ergonomics, intuitive controls, and advanced human-machine interface (HMI) systems, providing operators with a comfortable, productive working environment, with enhanced visibility, reduced noise levels, and efficient HVAC systems.

"With the cab, it's a totally new design with a more intuitive layout," explains Olle. "Whilst we've prioritised productivity and power, it's not to the expense of operator comfort."

All models are compatible with Volvo Dig Assist, an optional intelligent machine control system that improves excavation precision and productivity. Operators can utilise tools such as real-time weighing, automated digging, and smart monitoring, which enhance efficiency, with Volvo Smart View producing 360° machine visibility. Additional features such as preset depth, height, and swing limits further enhance on-site safety.

All models in the series are powered by proven Volvo engines and advanced hydraulic systems, ensuring precise, smooth movements and reduced cycle times. Lower engine revolutions per minute reduce fuel consumption and carbon emissions, offering a more sustainable solution without compromising power or reliability.

"The new generation of Volvo excavators are built to meet the evolving demands of the industrial landscape," concludes Olle. "Volvo CE is once again helping customers have the right tools for their specific needs."







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Mimosa Records Zero Fatalities for the Second Consecutive Year

The country's second-biggest platinum group metal (PGM) producer, Mimosa Mining Company, continues to set a high standard for safety in the mining industry, recording zero fatalities in 2024 for the second consecutive year, Impala Platinum Holdings (Implats) 2024 Environmental, Social, and Governance (ESG) Report shows.

This achievement follows a similarly flawless record in 2023, further cementing Mimosa's reputation as a safety-conscious operation.

By Rudairo Mapuranga

In a major milestone, Mimosa celebrated 5 million fatality-free shifts in October 2023, an achievement that highlights the company's unwavering commitment to workplace safety. This accomplishment underscores Mimosa's focus on proactive safety measures, continuous risk management, and the well-being of its employees.

Mimosa's journey toward achieving 5 million fatality-free shifts has been marked by a strong safety culture, where every worker is encouraged to prioritize their own safety and that of their colleagues. The company attributes this success to its rigorous safety protocols, regular employee training, and a strong emphasis on incident prevention.

In its statement on reaching 5 million fatality-free shifts, Mimosa emphasized the importance of this achievement, noting that "this milestone is a reflection of our commitment to protecting our workforce and ensuring that safety remains at the core of our operations."

Mimosa's zero-fatality record over the past two years is a significant accomplishment in an industry known for its inherent risks. By maintaining strict adherence to international safety standards and continuously improving its processes, the company has successfully mitigated potential hazards and kept its workforce safe.

The company's "Journey to 5 Million Fatality-Free Shifts" initiative has been instrumental in driving safety excellence across its operations. This milestone, combined with the continued success of achieving zero fatalities, sets an important benchmark for the entire mining sector.

Mimosa remains focused on its goal of achieving zero harm as part of its long-term safety strategy. The company continues to invest in safety technologies, enhance employee training programs, and promote a culture of responsibility and accountability at every level of the organisation.

As the mine looks to the future, its commitment to maintaining high safety standards will play a key role in ensuring operational success while safeguarding the lives of its employees.

Mimosa's achievement of 5 million fatality-free shifts and two years of zero fatalities exemplifies its dedication to making safety a core value in all its operations.

This achievement follows a similarly **flawless record in 2023,** further cementing Mimosa's reputation as a **safety-conscious operation.**



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Zimplats Targets 2028 for Turf, SMC Water Recycling Project, Achieves 35% Freshwater Reduction.

Zimbabwe's leading platinum producer, Zimplats, has set its sights on reducing its environmental footprint by implementing a ground-breaking water recycling study at its Turf and Selous Metallurgical Complex (SMC) operations. The project, which is part of a broader sustainability strategy, is expected to be completed by June 2028, according to Implats' 2024 Environmental, Social, and Governance (ESG) report.



By Rudairo Mapuranga

The Turf and SMC water recycling initiative is designed to secure a more sustainable water supply for Zimplats' operations while drastically reducing freshwater consumption. In 2024, Zimplats achieved a 35% reduction in freshwater usage as part of its ongoing efforts to minimize its impact on water resources in the water-stressed region where it operates.

The project involves the recycling and reuse of treated sewage effluent, which is actively promoted at both the mining and processing divisions. Zimplats reported a 60% increase in the volume of treated effluent recycled year-on-year as of 2024. This treated water is used for dust suppression, lawn irrigation, and maintaining flower gardens at the mine and concentrator plants.

As part of this initiative, a 3.3 km water pipeline was commissioned in early 2024, connecting the Chitsuwa Dam to the Ngezi tributary. This extension aims to further improve water security for the Ngezi mine, reducing reliance on freshwater sources and mitigating the risk of unauthorized water abstraction and evaporative losses along the Ngezi River.

In addition, Zimplats has enhanced its water monitoring systems, using drones to oversee water sources and detect illegal water abstraction. These drones provide coverage across key tributaries and help safeguard the water infrastructure around the Ngezi River and Chitsuwa Dam.

Zimplats is not only focusing on improving water use within its operations but also actively promoting water conservation in local communities. Regular conservation awareness sessions are held with employees, who are encouraged to practice water-saving principles at home and within their respective communities. Zimplats officials also actively participate in local water catchment councils, contributing to broader water management efforts in the region.

Operating in a water-stressed region prone to droughts, Zimplats faces ongoing challenges related to climate change, including El Niño-induced droughts and increasing water demands from local agricultural and mining developments. The company's water recycling and conservation efforts are essential in addressing these challenges while ensuring that its operations remain sustainable in the long term.

The Turf and SMC water recycling project marks a critical step forward in Zimplats' commitment to reducing its freshwater footprint and preserving vital water resources in Zimbabwe. By June 2028, Zimplats aims to further enhance its water management practices, securing water for its operations while minimizing its environmental impact.





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Zimplats Community Spending Plummets 77% Amid Softening Commodity Prices

Zimbabwe's leading platinum producer, Zimplats, has reported a significant 77% reduction in its community spending for the year 2024 compared to the previous year, attributing the decrease to softening commodity prices and subsequent delays in some of its major projects, Mining Zimbabwe can report.



According to Impala Platinum's (Implats) 2024 ESG report, Zimplats' community investments dropped from R40 million (approximately US$2.1 million) in 2023 to just R9 million (around US$470,000) in 2024.

By Rudairo Mapuranga

This drastic reduction comes as a blow to the communities around Mhondoro-Ngezi and Chegutu, where Zimplats has been implementing a series of community development projects over the years. The company has long focused on providing access to safe drinking water, improving food security, and bolstering climate resilience in some of the region's most vulnerable communities. In 2024, despite the budget cut, Zimplats managed to drill four boreholes in collaboration with local councils and hydrological surveys to ensure access to clean water for domestic use and agriculture.

Community Water Access and Climate Resilience

Over the past five years, Zimplats has drilled more than 80 boreholes, targeting communities hardest hit by drought and climate change. The boreholes are solar-powered and equipped with tanks that allow the water to be reticulated to households, nutrition gardens, and community livestock herds. The installation of these systems has not only reduced the burden of travelling long distances to fetch water but also increased climate resilience for smallholder farmers who rely on rain-fed agriculture.

In 2024, the company expanded its efforts by adding new water pipelines that connected households to the water off-take points along the Chitsuwa and Manyame dams. The boreholes are part of Zimplats' ongoing efforts to mitigate the effects of climate change and build sustainable communities.

Zimplats has also been heavily involved in training local farmers to adapt to climate-induced shocks. Since 2022, the company has trained 80 smallholder farmers, including 11 women, in techniques such as planting drought-resistant crops and producing livestock feed. These training sessions were conducted in collaboration with the Department of Agriculture and Gwebi Agricultural College, helping farmers increase their food security and navigate periods of low rainfall.

Delays in Community Infrastructure Projects

Despite these efforts, the reduction in Zimplats' community spending signals delays to some of its major community infrastructure projects. The company has long been a major player in uplifting local communities through initiatives aimed at improving access to health, education, and other essential services. However, with falling commodity prices, some of these projects now face uncertain timelines.

One such project affected by the delays is the installation of solar power systems at Danangwe Clinic, which provides reliable electricity to the clinic's staff quarters and ensures uninterrupted healthcare services. Zimplats had previously worked on infrastructure upgrades at various facilities, including classrooms, maternity wards, and police stations, but further expansions will be delayed until the market stabilizes.

Food Security and Agricultural Support

Zimplats' investment in promoting food security has also been a key element of its community engagement. Since 2021, the company has established three smallholder irrigation schemes in Mhondoro-Ngezi and Chegutu to support 77 families. These schemes, which help communities become more self-sufficient and food-secure, have been instrumental in enabling farmers to grow crops year-round, despite the challenges posed by climate change.

The smallholder farmers receiving support from Zimplats are now equipped with the knowledge and skills needed to better manage drought periods and improve their overall resilience to the changing climate. Zimplats has also facilitated water awareness campaigns in collaboration with various local partners to promote water conservation and encourage communities to utilize designated water points to prevent vandalism of infrastructure.

Challenges and Future Prospects

Zimplats' commitment to community well-being remains strong despite financial challenges. The company continues to work closely with local councils, traditional leaders, and government departments to ensure that the benefits of its projects are felt across the communities it operates in. In 2024, Zimplats donated 15,000 units of sunscreen lotion and lip balm to people with albinism and conducted impactful public health campaigns focused on preventing cholera and promoting hygiene practices in response to an out-break in the country.

However, with a 77% reduction in community spending, the future of many other projects hangs in the balance. Zimplats has a history of leading impactful initiatives, such as training smallholder farmers and facilitating access to clean drinking water, but further delays to major infrastructure projects could slow the pace of development.

While the company is facing economic pressures, it has vowed to continue supporting communities in the region, with a focus on resilience-building initiatives that address the immediate needs of the population. Zimplats' ability to maintain these commitments will depend largely on the recovery of commodity prices and the eventual stabilization of the platinum market.

Despite the current challenges, Zimplats remains a key player in the local community, and its ongoing efforts to improve the quality of life for those living around its mining operations are a testament to its long-term vision for sustainable development.

Exploration Critical to Zimbabwe's Mineral Development

Calls for EPO Standstill Resolution at GSZ AGM

The Geological Society of Zimbabwe (GSZ) Annual General Meeting, held recently, ignited critical discussions about the need to revive exploration in the country, particularly focusing on the benefits of Exclusive Prospecting Orders (EPOs) in attracting global investment. Industry leaders voiced concerns over the current standstill in issuing EPOs, which threatens to stifle the potential discovery of world-class mineral deposits in Zimbabwe.



Some of the Geological Society of Zimbabwe (GSZ) members pose for a picture at the Annual General Meeting

By Rudairo Mapuranga

Geological Survey Chairman Forbes Mugumbate stressed that large-scale deposits are typically discovered through intensive exploration, often funded by global risk capital, which is facilitated by EPOs. He noted that the lack of EPO issuance has become a major roadblock in attracting such crucial funding, stating:

"Most of these large, world-class deposits have been found through very intensive research on an EPO system being funded by global risk capital raised from various centres in the world."

The stagnation in granting EPOs was a key focus of the discussions. Bruno, a geologist in attendance, expressed frustration over the lack of progress, questioning why the Ministry of Mines and Mining Development has failed to resume issuing EPOs despite their known benefits.

"There is a standstill on granting EPOs, and this is a problem. Why should we be having a standstill?" Bruno questioned. His sentiments echoed the concerns of many in the mining sector, who believe that without the issuance of EPOs, the country risks missing out on substantial exploration opportunities and foreign direct investment (FDI).

Guest of honour Hillary Gumbo emphasized that EPOs are not only crucial for exploration but are also easier to manage under the proposed cadastral system, which the Ministry of Mines aims to implement. He noted that the clear boundaries and coordinates associated with EPOs reduce disputes and simplify land management.

"If the ministry wants to pursue, for example, a cadastral system, EPOs are easier to manage... But to not grant EPOs is actually causing more problems," Gumbo said.

He also highlighted the importance of having a model-based approach to exploration, encouraging miners to apply for EPOs based on specific geological models rather than just targeting a particular mineral.

Mugumbate further stressed the importance of educating stakeholders about the benefits of large-scale exploration and EPOs. He noted that while there is excitement among decision-makers about exploration, the challenge remains in translating that enthusiasm into actionable policies.

"Our campaign is to educate people so that they can start believing in large-scale exploration again. We need to inform all stakeholders. If everybody understands where we should be going, we should be able to resolve some of the issues," Mugumbate said.

The conversation also touched on the broader issue of Zimbabwe's focus on production rather than exploration. Mugumbate pointed out that while production is crucial, there is a need to also emphasize exploration, as it brings in foreign capital, generates valuable geological data, and creates opportunities for the country's geologists.

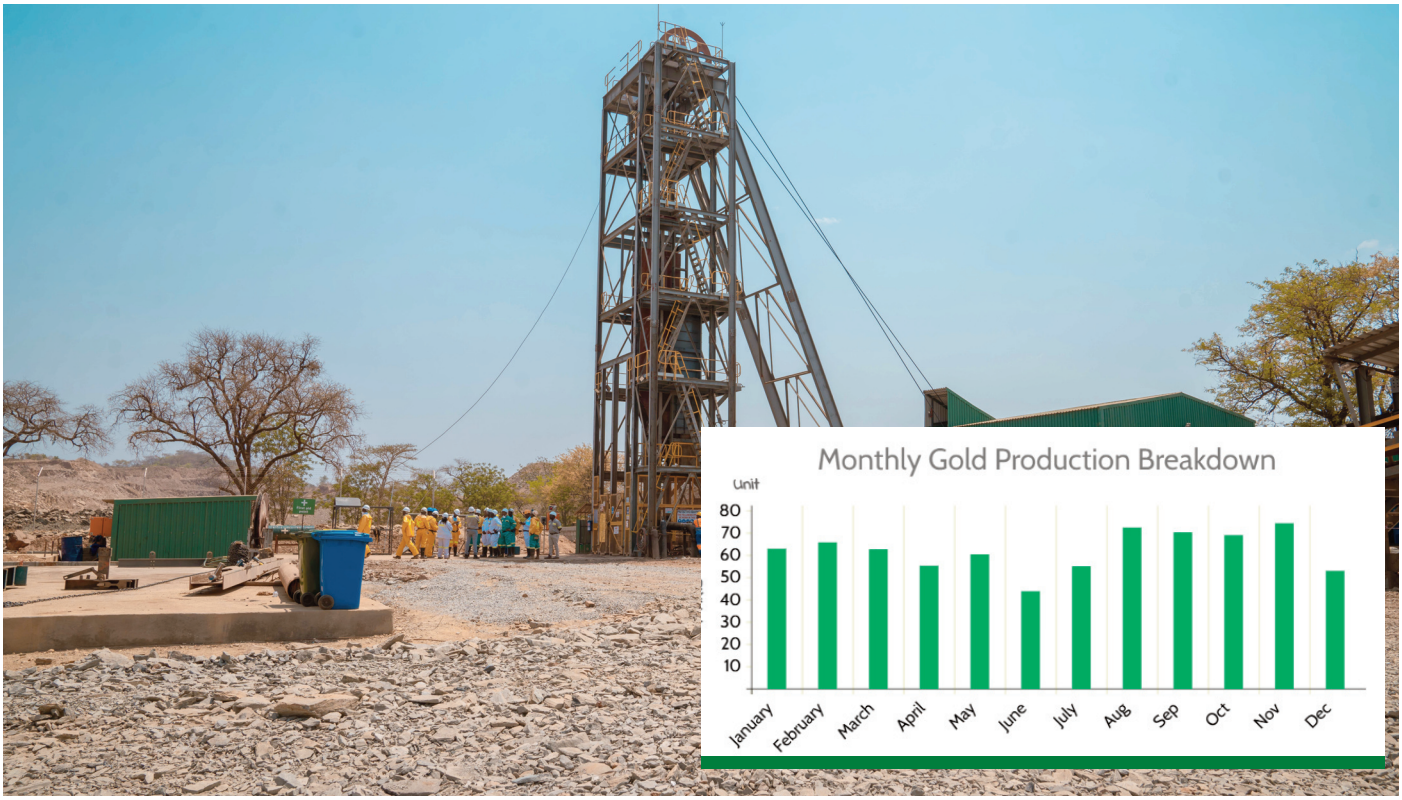
Exploration is often overlooked as an integral part of Zimbabwe's mining industry, despite its potential to generate billions of dollars in foreign capital even before any significant mineral discoveries are made. The current lack of focus on exploration in the country was criticized by several attendees at the meeting, who called for exploration to be viewed as an industry on its own.

Mugumbate reiterated that every EPO granted represents an opportunity for Zimbabwe to receive millions of dollars in exploration funding and potentially make significant discoveries that could boost the country's economy.

"Every EPO that is granted provides an opportunity for Zimbabwe to gain, say, a million dollars in exploration funds, FDI, while also presenting the possibility of finding a valuable deposit," he said.

Pickstone Peerless Produces 750 kg of Gold in 2024 Amid Transition to Underground Mining

Dallaglio Investments' Pickstone Peerless Gold Mine in Chegutu produced a total of 750 kilograms of gold during 2024, with this solid production performance highlighting the mine's key contribution to the country's gold output as it transitions from open-pit mining to underground operations, Mining Zimbabwe can report.



The US$18 million underground mining project was officially commissioned in August 2024, marking a major shift in the mine's production strategy. The transition to underground mining, expected to continue until mid-2025, is set to improve output through higher-grade ore, with underground grades ranging between 3 to 5 grams per tonne, compared to the open-pit grades of 1.8 grams per tonne.

Despite the shift to underground mining, Pickstone Peerless achieved notable production levels throughout the year. The mine's quarterly production showed some variation, with the highest output recorded in the first quarter at 191.51 kilograms. A dip followed in the second quarter, where production dropped by 14%, reaching 164.61 kilograms. This reduction was partly due to the operational adjustments required for the transition to underground mining. By the third quarter, however, production rebounded, rising by 20.2% to 197.83 kilograms. The fourth quarter maintained this momentum, with production standing at 196.45 kilograms.

Monthly Gold Production Breakdown

- **January: 62.94 kg**
- **February: 65.85 kg**
- **March: 62.72 kg**
- **April: 55.30 kg**
- **May: 60.48 kg**
- **June: 48.83 kg**
- **July: 55.08 kg**
- **August: 72.43 kg (first full month of underground production)**
- **September: 70.32 kg**
- **October: 69.06 kg**
- **November: 74.37 kg**
- **December: 53.02 kg**

In tandem with the transition to underground mining, the Pickstone Peerless operation is making significant investments in infrastructure to enhance gold recovery. The mine currently achieves 70% gold recovery, but the addition of three large Carbon-in-Leach (CIL) tanks is expected to improve this rate further. With the installation of the fourth ball mill, these tanks are critical for increasing the mine's overall recovery capacity.

The mine currently achieves **70% gold recovery**, but the addition of three large **Carbon-in-Leach (CIL)** tanks is expected to improve this rate further.

Pickstone Peerless has also prioritized safety improvements, particularly regarding its tailings storage facility (TSF), which has reached a height of 25 meters. To ensure safety, the facility is being reinforced with waste from the open pit, and an expansion has been approved by the Environmental Management Agency (EMA).

With the underground mining project now operational and steady improvements in production and infrastructure, Pickstone Peerless is well-positioned to continue increasing its gold output. Combined production from Pickstone Peerless and Eureka Mine in Guruve currently stands at 210 kilograms per month, with expectations to reach 230 kilograms in 2025 and 250 kilograms per month by 2026. This growth trajectory underscores the mine's growing significance in Zimbabwe's mining sector.

As it completes its transition to underground mining by mid-2025, Pickstone Peerless is expected to solidify its status as one of Zimbabwe's top gold producers. The ongoing investments in efficiency and safety, along with higher ore grades from the underground operation, provide a positive outlook for sustained growth in the coming years.

Kuvimba Invests US$13 Million in Freda Rebecca TSF Expansion, Boosts Sustainability Efforts

Kuvimba Mining House, through its subsidiary Freda Rebecca Gold Mine, has embarked on a critical $13 million Tailings Storage Facility (TSF) expansion project to ensure the long-term sustainability of its operations.



Trevor Barnard, Group CEO of Kuvimba Mining House

This significant investment will support the mine's ability to manage waste responsibly while aligning with Kuvimba's broader environmental and sustainability goals, Mining Zimbabwe can report.

Tailings Storage Facilities are integral to the operation of any mining enterprise. They are engineered structures designed to contain waste from mining processes, preventing environmental contamination. Freda Rebecca processes around 2.6 million tonnes of ore annually, with 99.9% of that material becoming waste. The new TSF expansion, covering 47 hectares, ensures the mine can continue operations safely as the old facility nears the end of its useful life.



Patrick Maseva Shayawabaya

Patrick Maseva-Shayawabaya, Managing Director of Freda Rebecca and Head of the Gold Cluster at Kuvimba, underscored the importance of a properly maintained TSF for sustainable mining operations:
"You can't operate a mine without a TSF. It's essential for safely storing the waste from our mining processes in an environmentally friendly manner," said Maseva-Shayawabaya.

The $13 million project, with $7.5 million already invested, is part of Freda Rebecca's long-term strategy to maintain safe and environmentally sound mining practices. This will extend the operational life of the mine by approximately 20 years, depending on the rate of waste deposition.

This TSF expansion is a major element of Kuvimba Mining House's broader commitment to sustainability, aligning with the company's "Restoring Nature, Securing Tomorrow" campaign. Launched in March 2025, this campaign has already seen over 10,000 Indigenous trees planted around Freda Rebecca's TSF, contributing to ecosystem restoration and reducing environmental degradation caused by mining activities.

"Indigenous trees are more resilient to local conditions, including drought and disease, ensuring their growth and prosperity—much like our vision for Kuvimba Mining House and Freda Rebecca to thrive into the future," said Trevor Barnard, Group CEO of Kuvimba Mining House.

The 47-hectare TSF expansion will be lined with a 1.5mm geomembrane to prevent groundwater contamination, ensuring that waste material from the mine is securely contained. A system of drainage pipes and a solution trench will direct water to a collection sump, which will then be pumped to a return water dam for recycling back into the mining process. This closed-loop water management system minimizes water wastage, a critical factor in sustainable mining.

"The TSF is a key part of our mining processes, and we've made sure that the design and construction align with best environmental practices," noted Maseva-Shayawabaya.

As part of the broader project, approximately 240,000 cubic meters of material have been used to construct the embankments, further securing the structure. The project is on track for completion, with deposition already underway in the newly constructed Phase A of the TSF. This phase covers 15 hectares, while Phase B will encompass an additional 32 hectares.

Beyond Waste Management: Kuvimba's Wider Sustainability Drive

Kuvimba's "Restoring Nature, Securing Tomorrow" initiative goes beyond just managing waste. In addition to planting trees, Freda Rebecca has implemented dust suppression measures and grassed over the TSF embankments to reduce air pollution caused by dust.

The company's sustainability efforts extend to infrastructure development, with over 20 kilometres of roadworks and dust suppression initiatives introduced at Sandawana Mines in Mberengwa and 5 kilometres of road infrastructure completed at Jena Mines in Silobela.

The mining group also continues to prioritize community health and education as part of its Corporate Social Responsibility (CSR) strategy. Over 1,000 students have benefitted from Kuvimba's training programs, with 80 currently gaining hands-on experience at various sites. Health initiatives, including support for local clinics and targeted community health programs, further demonstrate Kuvimba's commitment to improving the well-being of communities around its operations.

Optimism Amidst Uncertainty: The Path Toward Economic Viability at Redwing Gold Mine

According to a recent technical report, Redwing Gold Mine, owned by Metallon Corporation, has revealed promising Mineral Resources, estimating approximately 2.5 million ounces of gold across underground Measured, Indicated, and Inferred Resources.



By Ryan Chigoche

While these figures highlight significant potential, the report also underscores the complexities and uncertainties that lie ahead in converting these resources into economically viable reserves. This distinction between resources and reserves is crucial in understanding the mine's prospects.

The report details that Redwing's Measured and Indicated resources total 9.65 million tonnes at 3.83 grams per tonne (g/t) of gold, amounting to approximately 1.2 million ounces of gold. Additionally, the Inferred Resources stand at 15.83 million tonnes at 2.61 g/t, adding another 1.3 million ounces.

The technical report also underscores the importance of refining the mine's exploration strategy.

While these figures are encouraging, they remain speculative until further validation can confirm their economic feasibility. The resources have yet to be classified as reserves, meaning their economic extraction has not been demonstrated—an important distinction when considering future investment.

However, to transition from resource to reserve, Redwing must overcome a number of technical and geological challenges. Factors such as orebody definition, geotechnical conditions, and dilution during extraction contribute to the uncertainty of these estimates.

Geological complexities, including fault geometries and the variability of orebody grade, require further exploration and drilling to refine the estimates. The report emphasizes that without more detailed information and targeted studies, the transition from a resource estimate to proven reserves remains uncertain.

In response, the report recommends a more detailed approach, including stope-by-stope evaluations and the modelling of dilution, which could improve the precision of the resource estimates. By addressing these factors, Redwing could enhance its chances of turning its substantial resources into economically extractable reserves.

These technical advancements are essential in reducing uncertainty and demonstrating that the resources can be extracted profitably under current economic conditions.

To support the validity of these resource estimates, independent reviews and peer validation are crucial. While the report notes that visual validation has been conducted internally, it stresses the importance of incorporating both visual and statistical validation to strengthen the robustness of the estimates.

Independent third-party evaluations would further reduce geological uncertainty and enhance confidence in the viability of the resources.

Beyond the geological uncertainties, external factors, including commodity prices, environmental regulations, and permitting constraints, also play a significant role in determining the mine's potential. These external factors are often less predictable, but they can have a profound impact on the feasibility of extracting the gold.

Commodity prices, for instance, are subject to fluctuation, which directly affects whether extracting the gold is economically viable. Similarly, regulatory hurdles and permitting requirements could delay or even derail progress. These external influences must be carefully managed, as they can shape the timeline and overall success of the project, as noted by the report.

The technical report also underscores the importance of refining the mine's exploration strategy. With substantial resources already identified, the mine now faces the critical task of proving the economic viability of these resources. The path forward will involve not just continued exploration but the application of more advanced exploration techniques and improved modelling. Recommendations in the report suggest that by enhancing the exploration process, Redwing could increase the certainty of its resource estimates and take a major step toward transforming its resources into reserves.

Despite the challenges outlined, the future of Redwing Gold Mine remains promising. The significant Mineral Resources reported in the technical report show potential, but the road to proving their economic extraction will require overcoming technical obstacles, addressing external factors, and continuing to explore the orebody with greater precision. By addressing the uncertainties, integrating independent reviews, and refining its technical approach, Redwing Gold Mine can move closer to realizing the full economic potential of its resources.

As the report emphasizes, while there is optimism, the path forward is filled with challenges.

However, if Redwing can resolve these issues through continued exploration, advanced technical strategies, and careful attention to economic and environmental factors, the mine could successfully transition from resource estimation to proven reserve and eventually to a profitable operation.

Sandawana to Boost Spodumene Concentrate Production with 0.5 Million-Tonne Plant

Kuvimba Mining House's ambitious plans for lithium production at Sandawana are set to reach new heights as the company nears finalizing agreements to fund the construction of a 0.5 million-tonne-per-annum spodumene concentrate production plant.



This development is part of the company's broader goal to enhance lithium production in Zimbabwe, Mining Zimbabwe can report.

By Rudairo Mapuranga

Kuvimba Group Chief Executive Officer Trevor Barnard revealed that the company is already mining lithium ore at Sandawana and toll-processing it at a nearby facility in Gwanda. The company has produced approximately 60,000 tonnes of lithium spodumene concentrate to date, but with the construction of the new processing plant at Sandawana, production is expected to surge.

"We're already mining at Sandawana, and we're producing some lithium spodumene concentrate. To date, we've produced around 60,000 tonnes of spodumene concentrate, but once the main plant is constructed, spodumene concentrate production will exceed half a million tonnes per annum," Barnard said.

The 0.5 million-tonne plant will position Kuvimba as a significant player in Zimbabwe's rapidly growing lithium sector. The agreements to fund the plant are being negotiated with a consortium of financial partners and, once finalized, will facilitate the design and eventual construction of the state-of-the-art facility.

The construction of the Sandawana lithium plant is part of Kuvimba Mining House's broader effort to secure $950 million in funding to fuel its lithium, platinum, and gold projects. This substantial capital raise is critical for several of the company's high-profile ventures, including the Darwendale platinum project and the expansion of gold production at Freda Rebecca Mine.

Barnard highlighted the importance of the Sandawana project as a key pillar of the company's lithium strategy. The first phase of the Sandawana project, to be executed in partnership with Chinese investors, will see the production of 500,000 tonnes of lithium concentrate annually within 15 months of finalizing the agreement. Chinese partners will finance the project, and the loan is expected to be repaid in under five years, after which full ownership will revert to Kuvimba.

Commitment to Sustainability

Beyond increasing production, Kuvimba's operations at Sandawana will adhere to the company's strict commitment to sustainability and environmental responsibility. The company has consistently emphasized its dedication to ensuring that mining activities are conducted in an environmentally conscious manner, with efforts to rehabilitate mined land and mitigate the environmental impact of its operations.

At Freda Rebecca Gold Mine, for instance, Kuvimba has launched a reforestation campaign as part of its "Restoring Nature, Securing Tomorrow" initiative, which includes planting over 10,000 indigenous trees around the Tailings Storage Facility (TSF). This reflects Kuvimba's broader strategy of integrating sustainability into all its operations, including Sandawana.

Zimbabwe's Rising Role in the Global Lithium Market

Zimbabwe has emerged as Africa's leading lithium producer, with Kuvimba's Sandawana project playing a critical role in the country's efforts to tap into the global demand for lithium, driven by the electric vehicle (EV) revolution. The expected increase in spodumene concentrate production at Sandawana will significantly boost Zimbabwe's position as a key supplier of lithium to the global market.

Barnard expressed optimism about the future of Sandawana, noting the growing interest from international investors in the lithium project. Kuvimba is in talks with various stakeholders, including Cluff Africa Ltd. and a major European commodity trader, to further develop the area and ensure sustainable growth in lithium production.

With agreements expected to be finalized soon and construction set to begin, Sandawana is poised to become a major lithium hub, contributing to both Kuvimba's growth and Zimbabwe's broader economic development.

The success of the Sandawana project will be a testament to Kuvimba's ability to attract international investment and execute large-scale mining operations sustainably, reinforcing its position as a leader in Zimbabwe's mining sector.

Zimbabwe's Coal Future in Jeopardy as South Africa Eyes US$2.6 Billion from World Bank for Green Transition

Zimbabwe's coal sector faces an uncertain future as South Africa, a major export market for Zimbabwean coal is on the verge of securing US$2.6 billion in green finance from the World Bank-linked Climate Investment Funds (CIF) to transition away from coal, Mining Zimbabwe can report.



This move, aimed at phasing out coal-fired power plants in favour of renewable energy, could significantly disrupt Zimbabwe's coal industry, which relies heavily on exports to South Africa and China.

If granted, the US$500 million payment from CIF will trigger an additional US$2.1 billion from multilateral development banks, enabling South Africa to accelerate its plans to close down coal-fired power plants, which currently supply over 80% of the nation's electricity. This green financing push could spell disaster for Zimbabwe, which has long viewed South Africa as a key coal trading partner.

If South Africa successfully transitions away from coal, the knock-on effects could be devastating for Zimbabwe's coal exports. The coal industry in Zimbabwe is already under pressure, and losing a major export market would compound the challenges faced by local producers, particularly given the growing global push towards green energy.

South Africa's Green Finance Threat

This funding, aimed at reducing South Africa's coal dependence, comes at a time when the global energy landscape is shifting rapidly. The pressure to transition to renewable energy is mounting, especially from developed nations advocating for cleaner energy sources to combat climate change. If South Africa receives these funds, its reduced demand for coal could significantly sideline Zimbabwe's coal exports to the region.

Zimbabwe currently relies on South Africa and China as its primary coal markets. A reduction in South African coal consumption would not only diminish Zimbabwe's coal export revenues but also destabilize local mining operations dependent on these external markets. The pressing question now is: what will Zimbabwe's coal future look like if its largest neighbouring buyer turns its back on fossil fuels?

Global Coal Demand Still Strong – For Now

Despite the global push for green energy, there are contrasting opinions regarding the future of coal. HCCL Holdings CEO William Gambiza has emphasized that coal remains vital for Africa's energy needs, even as other regions move towards renewable energy. Gambiza acknowledged that while countries like the United States and the United Kingdom are aggressively pursuing greener solutions, Africa's reliance on coal is far from over.

"Africa still requires coal as an energy source, especially with the current energy crisis. Countries like China and India are actually increasing their coal demand, despite Europe moving away from it. Coal's future is still bright, not only for energy but for other products like coal-to-liquid projects and fertilizers," Gambiza explained.

However, Zimbabwe's reliance on exporting coal to markets like South Africa may be undermined by these international green financing initiatives. The country's coal industry could find itself in a precarious position if no new markets are developed and if Zimbabwe does not invest in sustainable alternatives.

A Just Transition for Africa?

While developed nations push for coal phase-outs, Africa, including Zimbabwe, is advocating for a "just transition," which considers the economic realities of developing countries. The call is for a balanced approach that allows countries like Zimbabwe to continue using coal in the short term while investing in cleaner technologies over time. Banning coal outright without suitable alternatives could have detrimental effects on the economies of coal-producing nations.

"We need to focus on cleaner, smarter technologies to reduce emissions, not just ban coal outright. We can talk about 'green coal' instead of viewing it as a dirty energy source," Gambiza noted.

Future Implications for Zimbabwe's Coal Industry

If South Africa secures this US$2.6 billion in funding, Zimbabwe's coal export market will shrink further, forcing the country to re-evaluate its reliance on fossil fuel exports. As the world moves towards greener energy, Zimbabwe must prepare for a future where coal demand from traditional buyers like South Africa is significantly reduced.

South Africa's green transition presents a major challenge to Zimbabwe's coal sector, which has historically played a key role in the country's economy. Without new markets or investments in cleaner technologies, Zimbabwe's coal industry may be left vulnerable to global market shifts.

In conclusion, Zimbabwe must urgently explore new strategies to ensure its coal industry remains viable in a world increasingly focused on green energy while simultaneously investing in research and cleaner technologies to future-proof its energy sector.

Global Battery Metals Deployment Hits Record High in December 2024

The electric vehicle (EV) market continues its upward trajectory, with December 2024 witnessing record-breaking sales and battery metals deployment, according to the latest Adamas Intelligence Battery Metals Deployment Report.

As adoption accelerates across key regions, battery capacity and critical mineral consumption are surging, highlighting the growing demand for EV technology worldwide.

By Ryan Chigoche

December 2024 saw a total of 2,569,511 passenger EVs—including battery electric vehicles (BEVs), plug-in hybrid electric vehicles (PHEVs), and hybrid electric vehicles (HEVs)—sold globally. This marks a 1% increase from November 2024 and an impressive 23% rise year-over-year.

Growth was particularly strong in the Asia-Pacific region, where EV sales rose 2% month-over-month and 27% year-over-year. In Europe, EV sales climbed 5% from November and 6% compared to the previous year, while in the Americas, sales saw a 7% monthly increase and a 22% rise from December 2023. These figures underscore how global consumers are increasingly embracing electrification, driven by advancements in battery technology and expanding charging infrastructure.

As the world shifts toward electric mobility, the demand for critical minerals used in EV production—such as lithium, nickel, and cobalt—continues to surge. Zimbabwe's future is intricately tied to these global energy trends, given its abundant deposits of essential battery metals.

Zimbabwe holds significant resources of lithium, manganese, and nickel, positioning it as a potential key player in the global energy transition.

This rising demand for battery metals, fueled by the growing EV market, offers Zimbabwe a unique opportunity to leverage its resource wealth. The country ranks fifth globally in lithium reserves, and its vast mineral deposits have attracted international attention, particularly from Chinese companies investing in green technologies.

As EV sales grew, battery deployment also hit a record 97,912 MWh in December 2024, marking a 6% increase from November and a 23% rise from the same period last year. Leading the charge, CATL deployed 29,516 MWh globally, reinforcing its dominance as the top battery supplier. Tesla remained the leading xEV maker, deploying 14,509 MWh, underscoring its continued market leadership in energy storage efficiency.

Lithium usage soared to new heights, with 56,559 tonnes of lithium carbonate equivalent (LCE) deployed in December, marking a 6% monthly increase and 21% growth year-over-year. CATL led in lithium deployment with 17,338 tonnes, while Tesla followed with 8,087 tonnes. Despite the overall growth in lithium usage, the average LCE per EV battery declined by 2% year-over-year to 22.0 kg, reflecting improved efficiency in lithium usage.

Nickel deployment also reached a record 33,756 tonnes, up 6% from November and 4% year-over-year. CATL continued to dominate with 9,197 tonnes deployed globally, while Tesla remained at the forefront with 5,550 tonnes. However, the average nickel content per battery fell 15% from December 2023 to 13.1 kg, signalling a shift toward nickel-reduced battery chemistries.

Meanwhile, cobalt deployment stood at 5,962 tonnes, up 7% month-over-month but saw a 3% decline from the same period last year. CATL led with 1,940 tonnes, while Tesla deployed 625 tonnes. The average cobalt content per battery dropped 21% year-over-year to 2.3 kg, reflecting the industry's ongoing transition toward cobalt-free or cobalt-reduced battery formulations.

Manganese deployment continued its upward trend, reaching 7,483 tonnes, an 8% increase from November and a 2% rise year-over-year. CATL led with 2,711 tonnes, while Tesla deployed 442 tonnes. Despite growing usage, the average manganese content per battery fell 17% from December 2023 to 2.9 kg, suggesting increased efficiency in material utilization.

Graphite, a critical component in battery anodes, saw a record 91,363 tonnes deployed in December, marking a 6% monthly rise and 25% growth year-over-year. CATL led with 27,985 tonnes, while BYD emerged as the top EV maker in this category, deploying 15,077 tonnes. Unlike other materials, the average graphite content per battery increased 2% from December 2023 to 35.6 kg, signalling sustained demand for high-performance battery chemistries.

As the world moves further toward renewable energy sources such as solar, wind, hydro, and geothermal, the need for battery metals is only intensifying. Zimbabwe's vast reserves of lithium, manganese, and nickel position the country to meet this growing demand.

The transition to renewable energy opens doors for Zimbabwe to contribute significantly to global energy storage solutions, leveraging its rich mineral resources to promote both domestic and international sustainability.

According to a recent study by the Southern Africa Resource Watch (SARW), to fully capitalize on this potential, Zimbabwe must focus on moving up the value chain by beneficiating raw ores, adding value through domestic refining, and attracting foreign direct investment into green technology industrial projects. This will not only improve Zimbabwe's economic standing but also create jobs, enhance infrastructure, and contribute to fiscal growth.

The record-breaking figures underscore the accelerating global transition toward electric mobility. While lithium, nickel, and graphite usage continues to grow, the industry is also moving toward reducing reliance on cobalt and manganese through innovations in battery chemistry.

As 2025 unfolds, industry stakeholders will closely monitor trends in material efficiency, sustainability efforts, and supply chain stability. With Zimbabwe's resource wealth and its potential role in the clean energy movement, the country is primed to benefit from the global rise in demand for critical minerals, ensuring its future in the green energy economy.

Sweden's LKAB could meet 18% of Europe's rare earth metal demand

Swedish state-owned mining company LKAB announced that it can meet around 18% of Europe's rare earth metal demand in the long term if its Per Geijer mine in the Arctic begins production.



The company made the announcement during the start of construction on a new processing facility in Lulea, northern Sweden, reported Reuters.

The project involves an investment of Skr800m (approximately $73m) and is expected to be operational by 2026.

The strategic importance of rare earths is underscored by geopolitical tensions and the EU's Critical Raw Materials Act (CRMA).

The EU's focus on securing its supply of critical raw materials including rare earths essential for green technology is part of its broader strategy to meet climate goals.

LKAB's efforts align with this strategy, providing a more secure supply chain for rare earth metals within Europe.

The Lulea facility will process mining waste to produce rare earth concentrate, phosphoric acid and gypsum, with full operations expected to commence by the 2030s. The plant will initially focus on waste from the Malmberget mine in Gallivare.

The facility's development is independent of the Per Geijer find in Kiruna, one of Europe's largest rare earth element deposits.

The Per Geijer deposit, primarily an iron ore deposit with estimated resources of around 1.7 million tonnes of rare earth oxides, could take a decade to develop.

LKAB special products business area senior vice-president Darren Wilson said: "We see our first stage for phosphates at around 6% (of European demand) and rare earths about 2.5%."

"When we expand fully and exploit the potential of Per Geijer, we see that being up to around 18% (of rare earths)."

LKAB needs to secure an environmental permit and other regulatory approvals before commencing commercial operations at the deposit.



Darren Wilson

The company has applied for a processing licence to develop the deposit exclusively and for strategic project designation under the EU's CRMA.

Deputy Mayor Luleå municipality Fredrik Hansson said: "I am very pleased that LKAB has chosen to build a demonstration plant for critical minerals in Luleå. This strengthens our city as a hub for innovation and sustainable development while building on the historical ties with Gällivare and the Malmbanan railway.

"The investment brings new job opportunities and contributes to a sustainable future – not only for Luleå and the region but for all of Europe. We look forward to following this important project and the positive impact it will create."

ZINIRE: Supporting the Growth of Zimbabwe's Mining, Civil and Rock Engineering Industries

Ever wondered who keeps those mine shafts safe from caving in? Or how those massive tunnels get built without collapsing? That's the magic of rock engineering, and in Zimbabwe, ZINIRE is the heart and soul of this fascinating field!



ZINIRE members pose for a photo after an underground tour at Blanket Mine

What is ZINIRE?

The Zimbabwe National Institute of Rock Engineering (ZINIRE) is a professional body dedicated to the advancement of rock engineering in Zimbabwe. Founded in 2013, ZINIRE is a corporate and autonomous body with a mission to serve the needs of its members and promote the rock engineering profession. It is like a ROCKstar club for everyone passionate about rocks – the engineers, the geologists, the students, and even those just starting to dig it!

Objectives and Purpose

ZINIRE's core objectives include:
· Advancing Rock Engineering through research and development
· Identifying and representing the interests of its members.
· Maintaining collaboration / affiliations with key organizations such as the Chamber of Mines, Zimbabwe Institution of Engineers (ZIE) and the International Society for Rock Mechanics and Rock Engineering (ISRM).
· Facilitating the development and dissemination of rock engineering knowledge within Zimbabwe's mining and civil engineering sectors.

Fulfilling the Mandate

ZINIRE achieves its objectives through a variety of activities:
· Professional Development: Organizing seminars, conferences, and training opportunities to enhance the skills and knowledge of rock engineering professionals
· Knowledge Sharing: Disseminating valuable information through publications, conference proceedings, and its website
· Research Promotion: Identifying and supporting research projects that address critical challenges in rock engineering.
· Technological Advancement: Connecting product suppliers with end-users, enabling the presentation of new industry innovations that address evolving needs.
· Technology Sharing: Facilitates technological advancement by enabling product suppliers to showcase cutting-edge innovations directly to end-user institutions, ensuring they stay ahead of evolving industry needs.
·

Membership- So, what's the big deal about ZINIRE?

Imagine a place where you can rub shoulders with the best in the business, learn the latest tricks of the trade, and even show off your own rock-solid skills. That's ZINIRE in a nutshell!

Here's the lowdown:

· Level Up Your Career: ZINIRE offers awesome conferences, technical visits, and training programs to keep your rock engineering knowledge sharp as a diamond.
· Become a Rock Star: Want to prove your rock engineering prowess? ZINIRE helps you get certified with exams like the Minerals Council of South Africa Strata Control Practical Examination through our sister group SANIRE. ZINIRE facilitates and hosts the Minerals Council of South Africa Strata Control and Chamber of Mines Rock Engineering Theory Examinations which are held at Zimplats in May and October of each year. These are internationally recognised practical certificates issued by Minerals Council South Africa.
· Join the Rockin' Community: ZINIRE is all about networking and knowledge sharing. Meet fellow rock enthusiasts, brainstorm ideas, and build long lasting strong relationships.
· Make a Difference: ZINIRE supports cutting-edge research in rock engineering, helping to shape the future of mining and civil engineering in Zimbabwe. Currently ZINIRE sponsors a floating shield and prize money for best rock mechanics student at the Zimbabwe School of Mines (ZSM).

Why Companies Should Rock with ZINIRE

ZINIRE isn't just for individual rock stars; it's a gold mine for companies too! Whether you're a small-scale or a large-scale mining operation/ geotechnical/rock engineering firm, ZINIRE has something to offer your company.

Sponsoring your rock engineering team's ZINIRE membership is a strategic investment in their growth and your company's success.

· Knowledge is Power: ZINIRE keeps your team at the forefront of rock engineering knowledge with access to the latest research, industry trends, and best practices.
· Safety and Efficiency: Through knowledge sharing, ZINIRE enhances your team's skills and competency, leading to safer work environments, reduced FOG risks, and improved efficiency in your projects.
· Boosting Your Bottom Line: Improved safety and efficiency translate to cost savings. Investing in your team's professional development through ZINIRE builds a strong reputation and attracts top talent.

Events

ZINIRE hosts various events, including these upcoming:
1. May 2025 Chamber of Mines Strata Control Practical Examination – 29 May 2025 at Pickstone Peerless Mine, Chegutu
2. Q2 May 2025 Technical Visit – 30 May 2025 [Venue TBA]
3. 2025 Symposium and Annual General Meetings (AGMs) – July 2025 [Final Date TBA]

Minerals and Location found in Zimbabwe

Agate	Nyamandhlovu, Chikomba, Lupane
Aluminum	Mutare, Nyanga, Mwenezi
Amazonite	Nyamandhlovu, Rushinga
Amethyst	Nyamandhlovu, Hurungwe, Hwange, Makonde, Lupan
Antimony	Kwekwe, Bubi, Mberengwa, Kadoma, Shurugwi
Arsenic	Bubi, Shurugwi, Mutare, Gwanda
Asbestos	Masvingo, Gwanda, Matobo, Mberengwa, Insiza, Makonde, Umzingwane
Aventurine	Masvingo, Beitbridge
Barites	Kwekwe, Mwenezi
Beryl	Hurungwe, Kariba, Goromonzi, Harare, Mudzi, Rushinga, Mutoko, Bindura, Marondera, Gutu, Buhera, Bikita, Chegutu, Hwange, Mberengwa, Gweru
Bismuth	Gwanda, Insiza, Goromonzi, Hwange
Cesium	Mudzi, Bikita, Goromonzi
Calcite	Hwange, Bindura, Chiredzi, Mwenezi
Chromium	Mberengwa, Guruve, Makonde, Gweru, Kwekwe, Shurungwi, Chegutu, Kadoma, Gwanda, Insiza, Masvingo, Chirumanzu
Citrine	Marondera, Harare, Goromonzi
Clay	Harare, Bulawayo, Gwanda, Gweru
Coal	Gokwe, Chiredzi, Beitbridge, Mwenezi, Hwange, Lupane, Binga, Kariba, Hurungwe, Bikita
Cobalt	Kwekwe, Insiza, Shamva, Bubi, Bindura
Copper	Makonde, Kadoma, Mutare, Chirumanzu, Chegutu, Kwekwe, Shurugwi, Beitbridge, Gokwe, Bindura, Chipinge, Bikita, Insiza, Makonde, Harare, Bulawayo, Shamva, Chiredzi, Nkayi, Mudzi, Chegutu, Bindura, Kwekwe, Hurungwe, Bubi, Makonde, Bikita, Gwanda, Masvingo.
Cordierite	Hurungwe, Beitbridge, Chimanimani, Rushinga, Makuti
Corundum	Beitbridge, Chiredzi, Shurugwi, Marondera, Mberengwa, Mazowe, Rushinga, Insiza, Goromonzi, Wedza, Makoni
Diamond	Gweru, Bubi, Beitbridge, Binga, Mwenezi, Mutare, Chivi
Diatomite	Hurungwe
Dolomite	Mutare, Beitbridge, Makonde, Mudzi, Masvingo, Rushinga.
Emerald	Gutu, Masvingo, Insiza, Mberengwa, Hurungwe.
Feldspar	Harare, Bikita, Umzingwane, Goromonzi
Fireclay	Hwange, Chiredzi, Kwekwe, Lupane, Nkayi, Kadoma, Kwekwe
Flint clay	Mwenezi, Beitbridge
Fluorite	Hwange, Guruve, Binga
Garnet	Beitbridge, Hurungwe, Mudzi, Guruve, Rushinga, Marondera
Graphite	Hwange, Hurungwe, Kariba, Makonde
Gypsum	Beitbridge
Gold	Every district in Zimbabwe
Iron	Kwekwe, Mberengwa, Harare, Kwekwe, Buhera, Gweru, Charter, Chiredzi, Masvingo, Mazowe, Kadoma.

Minerals and Location found in Zimbabwe

Jade	Masvingo
Kaolin	Kwekwe, Mutare, Bubi, Hwange, Kadoma, Mazowe, Harare, Umzingwane, Nkayi, Chegutu
Kainite	Hurungwe, Nyanga, Mudzi, Rushinga
Lead	Mberengwa, Kwekwe, Gokwe, Mutare, Wedza, Hwange
Limestone	Mberengwa, Gwanda, Bindura, Shamva, Mazowe, Kadoma, Umzingwane, Gweru, Chegutu, Chimanimani, Mudzi, Harare, Hurungwe
Lithium	Goromonzi, Mudzi, Buhera, Bikita, Chegutu, Hwange, Harare, Insiza, Rushinga, Mutoko, Mutare, Hwange
Magnetite	Gwanda, Nyanga, Kadoma, Mwenezi, Insiza, Buhera, Mberengwa, Beitbridge, Gweru
Manganese	Kwekwe, Gweru, Makonde, Mberengwa
Mercury	Bubi, Kadoma
Mica	Hurungwe, Rushinga, Kariba, Hwange
Molybdenum	Kwekwe, Insiza, Shurugwi, Makonde, Chipinge, Gweru, Mutare
Mtorolite	Guruve, Mutare
Nickel	Bubi, Makonde, Kwekwe, Insiza, Guruve, Shamva, Shurugwi, Matobo, Chegutu, Bindura, Gweru.
Ochre	Gweru, Kwekwe
Palladium	Kwekwe, Makonde, Shurugwi, Chegutu
Phosphate	Buhera
Platinum	Kwekwe, Makonde, Shurugwi, Chegutu, Centenary
Pyrite	Shurugwi, Gwanda, Mazowe, Kadoma, Bulilimamangwe, Shamva, Hwange.
Salt	Mwenezi
Sapphire	Mudzi
Selenium	Makonde
Silica	Gweru, Kwekwe, Makonde, Chegutu, Gokwe, Harare, Goromonzi
Sillimanite	Hurungwe
Silver	Makoni, Makonde, Kwekwe
Talc	Bubi, Guruve, Insiza, Nyanga, Mutare, Mt Darwin, Mberengwa, Goromonzi, Mutoko, Wedza, Kwekwe, Makoni
Tantalum	Hurungwe, Guruve, Kariba, Mudzi, Mutoko, Shamva, Bindura, Harare, Goromonzi, Murehwa, Mt Darwin, Rushinga, Mazowe, Marondera, Gutu, Masvingo, Buhera, Bikita, Mutare, Hwange, Chivhu, Mberengwa, Chimanimani, Makoni, Insiza
Tin	Hurungwe, Mudzi, Shamva, Bindura, Goromonzi, Harare, Rushinga, Mt Darwin, Nyanga, Gutu, Bikita, Hwange, Masvingo, Mutare
Topaz	Hurungwe, Gweru, Mutare
Tungsten	Hurungwe, Kariba, Shamva, Mazowe, Rushinga, Bindura, Guruve, Mt Darwin, Harare, Mudzi, Goromonzi, Bulawayo, Insiza, Matobo, Gwanda, Umzingwane, Bubi, Buhera, Mberengwa, Kadoma, Bikita, Shurugwi, Mutare, Chipinge, Chegutu, Kwekwe, Chiredzi, Wedza, Gweru, Hwange, Masvingo, Makoni
Vanadium	Mt Darwin, Guruve, Bulawayo
Vermiculite	Buhera, Mudzi
Zinc	Kwekwe, Gokwe, Nyanga

Celebrating Women in Mining











This Women's Month, we honor the incredible women shaping the mining industry.
From engineers and geologists to mine managers and machine operators, their resilience, innovation, and leadership are driving the sector forward.

At Mining Zimbabwe, we celebrate their achievements and advocate for greater inclusion and opportunities.
Here's to the women breaking barriers and setting new standards in mining!



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