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EXPANSION TO SEE DRC COPPER COMPLEX BECOME THIRD LARGEST IN THE WORLD

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By land area, the Democratic Republic of Congo (DRC) is the second-largest country in Africa, and the 11th largest in the world. Across this landmass is a copperbelt of around 70 kilometres wide and 250 kilometres long.

There are 72 economic deposits of copper/cobalt and four large mining centres. Taken together, the DRC and Zambia copper belts are the second largest global reserve of copper, about one-third the size of the Chilean reserve.

Producing around 63% of the world's cobalt, the second biggest copper producer after Chile, the DRC copper belt includes some of the highest-grade copper deposits in the world¹.

Starting production in 2021, the Kamoakakula Copper Complex (Kamoakakula Copper) based in the DRC, produced 393,551 tonnes of copper concentrate in 2023.

Kamoakakula Copper's 2023 production achievement represents a year-over-

year increase of 18%. The 2024 annual production guidance for Kamoakakula is estimated at between 440,000 to 490,000 tonnes of copper in concentrate, following the anticipated completion of the Phase 3 concentrator during the third quarter of 2024.

The phased expansion is projected to make Kamoakakula the third-largest copper complex globally.

Phase 3 will increase Kamoakakula Copper's annual copper production to a ten-year average of 650,000 tonnes of copper. The expansion includes the commissioning of a 500,000-tonne-per-annum on-site, direct-to-blister copper smelter and refurbishment of Turbine #5 at the Inga II hydroelectric facility.

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¹ https://en.wikipedia.org/wiki/Copper_mining_in_the_Democratic_Republic_of_the_Congo#:~:text=There%20are%2072%20economic%20deposits,copper%20deposits%20in%20the%20world.



1 https://en.wikipedia.org/wiki/Copper_mining_in_the_Democratic_Republic_of_the_Congo#:~:text=There%20are%2072%20economic%20deposits,copper%20deposits%20in%20the%20world.

The mine's 2023 preliminary economic assessment projects a nine-year mine life extension of the Kamoia-Kakula Copper Complex, in addition to the Kamoia-Kakula 2023 pre-feasibility study of 33 years. This case includes the addition of four new underground mines in the Kamoia area (called Kamoia 3, 4, 5 and 6) to maintain the overall production rate of up to 19.2 Mtpa.

Mining with a Greater Purpose

Kamoia Copper's vision is to build a sustainable legacy in the DRC through environmentally and socially responsible copper mining.

"Sustainability is at the heart of everything we do," shared Chairman, Ben Munanga. Sustainability is also inextricably linked to Kamoia Copper's company values:

sustainable growth; united in diversity; and to thrive.

"Kamoia Copper acknowledges that our impact on the United Nations Sustainable Development Goals (SDGs) could shape our long-term strategy, enhance dialogue with our stakeholders, and support our licence to operate," said Ben.

Its environmental governance priorities are driven by its objectives of contributing to the achievements of the following UN SDGs: Clean Water and Sanitation; Responsible Consumption and Production; Life on Land; Climate Action.

For waste management, Kamoia Copper employs tailings management which involves the storage and management of the finely-ground rock, fine mineral particles and water separated from ore



Customer Driven Innovative Engineering Solutions

Established in 2019, Degrita Holding is on a mission to become the leading provider of the highest quality engineering solutions in Democratic Republic of the Congo (DRC).

Partnering with the likes of GE Grid Solutions, AEC Energy solutions, DesSoft - Design Software, Siemens, Schneider Electric, and Watericon LTD, in the last five years the engineering services business has completed 502 successful projects.

Included in these projects is its work for Kamo Copper, in which it has provided a variety of valuable services including supply and installation of lightning system protection, earthing of electrical circuits, maintenance service of generators, and oil purification of HV transformers.

In addition, it has provided a variety of sustainable solutions to Kamo Copper, including supply and installation of solar electric power systems, commissioning of chlorine dioxide drinking water disinfection, maintenance of sewage treatment systems, and analysis of dissolved gas of transformers.

Full Spectrum Service Provider

Amongst its capabilities, Degrita Holding's skilled and experienced team can provide maintenance of industrial equipment, installation of CCTV cameras, supply chain management, and consultancy services.

Considered an industrial engineering partner, its partnerships are often aimed at improving operational efficiency, innovating product or process design, and staying competitive in the marketplace.

Setting itself apart from competitors, Degrita Holding ensures that it is always up to date with the latest technological advances in engineering, helping to improve its efficiency, quality, and competitiveness.

In addition, it emphasises customer service, ensuring to always listen to its customers' specific needs and tailoring its solutions accordingly. A valuable service, Degrita Holding implements robust project management processes to ensure on-time, on-budget delivery.

"We understand that a customer-centric approach can foster loyalty and referrals," the business said.



Charles D. Kabulo,
Degrita Holdings CEO

Underpinning its projects is Degrita Holding's strong, values-based culture which "focuses less on what we do, and more on how we do it". Shared Success

The business' culture strives for "Shared Success". This is achieved by developing high performing teams that are aligned to Degrita Holding's vision and values.

"Shared success is dependent upon strong professional relationships and having genuine conversations," said the business, "We know that if we succeed, then all our valued clients, partners, and shareholders also succeed. This integrated approach begins with our people and the belief that together we can develop trusting relationships with all stakeholders to achieve long-term mutual goals".

Degrita Holding's has made significant investment into employee safety to achieve its goal of reducing lost time to injuries, which has been achieved successfully and consistently.

In addition, the business has been awarded ISO 9001 Quality Management Systems, ISO 45001 HSE Management Systems, ISO 31000 Risk Management, and ISO 14001 Environmental Management. Further highlighting its commitment to its team, Degrita Holding's is committed to the ongoing professional development of its colleagues.

"Engineering is constantly evolving, and well-trained teams are essential to remain competitive, so we're always committed to providing development," it said.

In turn, its customers are always receiving the most up-to-date engineering solutions.



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minerals during the milling process. “Kamoa Copper has taken a very low risk approach to how we manage our tailings and aim to meet or exceed global good practice for safe tailings management,” said Ben.

Kamoa Copper plans to minimise the surface storage and management of tailings from its mining operations by storing it underground in the mined-out workings.

“The mine has a relatively small environment-footprint because approximately half of the tailings will be mixed with cement and pumped back underground to fill voids and help support the underground mining infrastructure,” Ben added.

Further to the mine’s tailings management, Kamoa Copper understands that limiting the environmental impact and the carbon footprint of its mining operations is key to mitigating the effects of climate change. To support the continued successful

performance of its mining complex, Kamoa Copper has signed a public-partnership with DRC’s state-owned power company La Société Nationale d’Electricité to secure clean, renewable hydro-generated electricity.

“Securing sustainable, long-term electricity is essential in the development of Kamoa Copper into one of the world’s largest copper mines,” said Ben.

In addition, Kamoa Copper has pledged to incorporate state-of-the-art equipment powered by electric batteries or hydrogen fuel cells into its mining fleet, replacing diesel-powered equipment.

Commitment to Education

Ensuring Kamoa Copper’s commitment to build a sustainable legacy in the DRC, it also employs a range of social initiatives to help develop the communities in which it operates.

One such initiative is contributing to successful food-production activities in

nearby communities by uplifting small-scale farmers and enabling them to increase their production capacity. “This is laying the foundation for increased commercial farming and setting an example for future generations,” shared Ben.

The initiatives include maize production, fruit and vegetable production, fish farming, poultry farming and honey production.

In addition, the business has launched an agronomy school to offer training and research facilities to local farmers. Plans are also underway for a collaboration between the agronomy school and the University of Kolwezi, which will provide further practical training for the students. “The long-term vision is to continue to expand all of these projects and to diversify into other business opportunities, such as agro-processing,” said Ben

The business also supports mining skills training, which in 2020 saw five operational crews for the Kakula Mine and

two operational crews for the Kansoko Mine trained and deployed. A total of 194 trainees were equipped with skills, including tele-handler, agitator truck and utility vehicle training.

Most recently, Kamoa Copper has established the Kamoa Centre of Excellence, with the first phase of students enrolling in 2023.

The aim of the centre is to retain and develop local talent, the Centre of Excellence will offer degrees, diplomas and short courses in collaboration with internationally accredited institutions. Establishing a Long-Term Logistics Agreement

In February 2024 Kamoa Copper announced an agreement with Trafigura, one of the world’s largest commodity suppliers, to transport minerals via the Lobito Atlantic Railway for a minimum term of six years.

Lobito Atlantic Railway is a new import-export trade route between the African





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LA TREVE Group PTY LTD: A Pioneering Force in Supply Chain Management and Civil Engineering

Founded in 2015 in South Africa, LA TREVE Group PTY LTD embarked on a mission to revolutionize the sectors of supply chain management and civil engineering. With a foundational commitment to excellence and innovation, the company has steadfastly grown, expanding its services and geographical reach, particularly focusing on meeting the rising engineering service demands in the Democratic Republic of the Congo (DRC).

Expansion into the DRC: Acknowledging the burgeoning demand for specialized engineering and supply chain management services in the DRC, LA TREVE Group strategically began collaborations with select companies within the country starting in 2017. This significant move was not merely an expansion but a testament to the company's adaptability and commitment to addressing the needs of diverse markets. In April 2020, this expansion culminated in the establishment of LA TREVE SARL, a milestone that marked the beginning of a new chapter as a 100% Congolese company, showcasing an impressive commitment to local development and expertise.

Registration and Compliance

In its dedication to legal compliance and ethical business practices, LA TREVE SARL achieved registration with the ARSP, affirming its status as a fully recognized and compliant entity within the Congolese corporate landscape. This registration is not just a legal formality but a reflection of LA TREVE's commitment to transparency, quality, and regulatory compliance, essential pillars that guide every aspect of its operations.

Services and Expertise: LA TREVE Group has carved a niche in providing top-tier services in supply chain management and civil engineering. The company employs a holistic approach, integrating innovative strategies and technologies to streamline supply chain processes and deliver cutting-edge engineering solutions. Whether it's a complex infrastructure project or optimizing logistics operations, LA TREVE is equipped with the expertise, tools, and dedication to achieve exceptional outcomes.

Commitment to Quality and Sustainability: Understanding the importance of sustainability and quality in today's market, LA TREVE adheres to strict standards, ensuring that all projects and operations are not only efficient but also environmentally responsible and sustainable. This approach has not only earned the company accolades but also the trust and loyalty of a growing list of esteemed clients.

Future Outlook: As LA TREVE Group continues to build on its successful legacy, the company remains focused on innovation, customer satisfaction, and strategic expansion. With a robust foundation in South Africa and a flourishing presence in the DRC, LA TREVE is poised to scale new heights in the realms of supply chain management and civil engineering.

LA TREVE Group PTY LTD represents a beacon of excellence and innovation in the industry. From its humble beginnings in South Africa to its significant expansion in the DRC, the company has demonstrated an unwavering commitment to providing top-notch services, adhering to the highest standards of ethics and quality. As it moves forward, LA TREVE continues to be driven by a vision of growth, excellence, and a dedication to serving the needs of communities and businesses alike.

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2 <https://www.trafigura.com/news-and-insights/press-releases/2024/trafigura-and-kamoakula-sign-agreements-to-become-first-customers-of-the-lobito-atlantic-railway/>

Copperbelt and Angola's Atlantic coast, with this agreement marking the first long-term commercial commitment to the railway.

Speaking on the agreement, Founder and Executive Co-Chairman of Ivanhoe Mines (which indirectly holds 39.6% of shares in Kamoia Copper), said:

"The transformative economic corridor will unlock more copper projects due to the lower logistical costs. Cheaper logistics increase the amount of economically recoverable copper across the Copperbelt, as cut-off grades can be lowered. This makes a significant impact on discoveries made in the DRC, such as the recent high-grade and open-ended Kitoko copper discovery in the Western Foreland, where we are stepping up exploration activities this year to find more ultra-green copper metal. Kitoko is located only 30 kilometres from the existing rail line,"²



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