

# GEMFIELDS



## Gemfields introduces its largest high-quality emerald yet: – Chipembele, the rhino emerald

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Gemfields is delighted to introduce “Chipembele”, the latest and largest significant gemstone discovered at the Kagem emerald mine in Zambia.

Naming of uncut emeralds is a tradition reserved only for the most rare and remarkable gems. While no official record exists, it is thought that not more than a couple of dozen gemstones have ever been given their own name, and it is extremely unusual to encounter a gemstone weighing more than 1,000 carats. Weighing 7,525 carats (1,505g), Chipembele – which means ‘rhino’ in the local indigenous dialect of Bemba – has earned a place in this exclusive club, and a name to match.

The discovery of Chipembele follows Insofu (Bemba for ‘elephant’ – discovered in 2010) and Inkalamu (‘lion’ - 2018), all of which were formed within relatively close proximity at the Kagem emerald mine in Zambia, which is the world’s single largest producing emerald mine, owned by Gemfields in partnership with the Zambian government’s Industrial Development Corporation.

Chipembele was discovered on 13 July 2021 by geologist Manas Banerjee and Richard Kapeta (who was also the team leader for the discovery of Inkalamu in October 2018) and his team at Kagem. The discovery, they said, “left everyone speechless”. Kapeta shouted in joy, “look at this rhino horn!” And hence, the gemstone found its name.

Chipembele formed under near perfect conditions, allowing the combination of the elements beryllium, chromium and vanadium to crystallise into large, distinct hexagonal crystal structures with glassy surfaces. The recovery of such a large high-quality emerald is extremely rare and was made possible by the skilled Kagem mining team, who practise gentle extraction techniques when mining in areas where emerald mineralisation is present. The rich, golden green hue and gemmy nature of this emerald will be appealing to buyers looking to yield fine quality faceted emeralds after the cutting and polishing process.

This remarkable gem is due to be sold at the next Gemfields emerald auction, with viewing expected to take place from early November. Selected premium emeralds brought to the auction will once again receive Gübelin Gem Lab’s ‘provenance proof’ service, which embeds nanoparticles coded with information within the gemstone that provides key details pertaining to the gemstone’s origin – like miner, mine location and date – in a process referred to as ‘the Emerald Paternity Test’. The process provides greater clarity of origin to gemstone customers, aiding transparency and trust in the industry. The winning bidder for Chipembele will be given the option of a unique DNA nano-tag identity, developed by Gübelin, ensuring that the cut and polished gems that it yields can be identified and certified as having originated from this extraordinary gemstone.

Chipembele stands proud as the largest of the three significant finds at Kagem emerald mine, with Insofu weighing in at 6,225 carats and Inkalamu at 5,655. The names of these three significant emeralds pay homage to the wildlife that is such an integral part of the landscape of Africa, and as precious as the coloured gemstones beneath the soil. Ten per cent of the sales price of Inkalamu was donated to aid conservation efforts benefitting its namesake, shared between large carnivore conservation projects in the Niassa reserve in Mozambique and carnivore tracking projects in Zambia. Chipembele will maintain this tradition, and a share of the proceeds of the sale will support the North Luangwa Conservation Programme in Zambia, to aid critical black rhinoceros conservation efforts.

“A key Gemfields tenet is that Africa’s gemstone wealth must contribute meaningfully not only to host-country economies, but also to conservation efforts, host communities and the next generation by way of education, healthcare and livelihoods projects. We are delighted that the legacy of Chipembele will support rhinoceros conservation efforts, bringing a positive impact to conservation communities in Zambia.” Jackson Mtonga, Kagem Sort House Assistant Manager.

Image captions to be credited as: Gemfields introduces Chipembele, the rhino emerald, Kagem 2021

Link to high resolution imagery: <https://we.tl/t-RAUOPHzNWW>

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## NOTES TO EDITORS

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## About Gemfields

Gemfields is a world-leading supplier of responsibly sourced coloured gemstones. The operator and 75% owner of both the Kagem emerald mine in Zambia (believed to be the world's single largest producing emerald mine) and the Montepuez ruby mine in Mozambique (one of the most significant recently discovered ruby deposits in the world), Gemfields believes that those who mine gemstones should do so with transparency, legitimacy and integrity.

Gemfields introduced the most technologically advanced coloured gemstone sort house in the world at its operation in Mozambique, with state-of-the-art equipment, like optical sorting machines. In addition, a proprietary grading system, a pioneering auction platform and an active marketing presence have all contributed to Gemfields playing a significant role in the rise of African gemstones. Underlying this achievement has been the strong belief that coloured gemstones should create a positive impact for the country and community from which they originate.

Responsible sourcing for Gemfields means implementing industry-leading policies and practices across operations, transparency in its auction sales process, an active role in working groups to modernise the sector, projects to improve health, education and livelihoods for the communities around its mines and conservation efforts (#conservationgemstones) to protect Africa's great wildlife and biodiversity.

Gemfields Foundation is the charitable arm of Gemfields, through which donors can contribute funding to directly support community and conservation projects in Africa, magnifying the scale of the work already carried out by Gemfields itself.

Fabergé – an iconic name with an exceptional heritage – is a member of the Gemfields Group. This partnership, and the beauty of Fabergé’s designs and craftsmanship, improves Gemfields’ positioning and brand perception, and helps to raise consumer awareness of responsibly sourced coloured gemstones.

As well as supplying the majority of the world’s rough rubies and emeralds, Gemfields initiates activations to build desire for coloured gemstones: for example, collaborations with international jewellery brands and other creative partners. Often surprising, unexpected and unique, these collaborations are chosen to promote consumer awareness and increase the appeal of coloured gemstones, raising their profile, and, in turn, providing greater benefit to their place of origin in Africa.

## North Luangwa Conservation Programme

Established in 1986, the North Luangwa Conservation Programme is a partnership between the Frankfurt Zoological Society and the Zambian Department of National Parks and Wildlife to conserve the North Luangwa ecosystem. The programme delivers hands-on and effective conservation focusing on protected area management and community empowerment.

The North Luangwa Conservation Programme has built its conservation success on strategies that strive for long-term impact by involving communities in management decisions to generate pride, social capital and socio-economic benefits to improve conservation outcomes.

## North Luangwa National Park

Found in the oldest section of Africa's Great Rift Valley, North Luangwa National Park is the most northern of the three national parks found in the Luangwa Valley. The Luangwa River has shaped this unique landscape over millennia that many regard as “The Real Africa.”

Founded as a game reserve in 1938, this remote 4,636km<sup>2</sup> tract of land was re-gazetted to become a national park in 1972. The North Luangwa protected ecosystem has now grown to over 22,000km<sup>2</sup> of virtually untouched landscapes, with the National Park at its heart. The ecosystem is home to a unique and diverse species community and is one of the last large undisturbed regions in central Africa. As the only in park Zambia boasting the Big 5, it offers one of the most spectacular settings for game viewing experiences in Zambia, if not the entire continent.

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