

DEVELOPMENT ASSETS

STRENGTHENING OUR AFRICAN FOOTPRINT

EURASIAN RESOURCES GROUP

is a global diversified natural resources producer. ERG Africa combines all of the Group's assets on the African continent and forms a key part of the Group's long-term international growth strategy. Apart from ERG Africa's core cobalt and copper operations, we have greenfield/near-term production projects in bauxite, fluor spar, manganese, platinum and tin. Our aim is to develop these projects to production stage with co-investors.

ERG AFRICA



ERG MANAGEMENT
(South Africa) (Pty) Ltd
1 Sturdee Avenue
Lower Building
Rosebank
Johannesburg
2196

www.ergafrica.com
Tel: +27 11 552 4300

OUR DEVELOPMENT ASSETS

BAUXITE IN MALI

In Mali we hold bauxite permits, which are part of the Birimian Greenstone Belt in West Africa – one of the world's richest mineral ore bodies.

Our three exploratory bauxite assets are located on the Manding Plateau:

- Faléa is in the south-west of Mali, close to the border of Guinea, on an extension of the Guinean bauxite belt. A scoping study for the development of a three million ton per annum, low-temperature, smelter-grade alumina refinery suggests a profitable operation on the first quartile of the cost curve.
- Kéninkoun and Banankoro are in the Kita region, immediately west of Bamako, and extend over 75 km west-northwest. Our regular pitting programme on the targeted plateaux covered by these permits shows that both concessions contain a significant quantity of high-quality bauxite.

Aluminium, the metal derived from bauxite, is forecast to maintain steady growth in demand, driven by the transport industry.

The possibility of a bauxite supply gap has resulted in increased investment in West African bauxite, with Tebian Electric Apparatus Stock, for example, recently approving a \$2.9b investment in a fully integrated aluminium operation with refinery and smelter, centred around a domestic bauxite mine in Guinea.

FLUORSPAR IN SOUTH AFRICA

Our fluorspar resource comprises three prospecting licences covering an area larger than 22,000ha and is located in the North West Province of South Africa. The area enriched in fluorite-lead-zinc mineralisation is known as the Zeerust Fluorite Field (ZFF).

ZFF is one of the world's largest single fluorspar deposits, containing in excess of 300Mt of fluorspar (inferred). Further exploration of the ZFF deposit is ongoing, with a previous scoping study indicating a positive outlook on commercial operation in the near future.

Acid-grade fluorspar, or acid-spar, is a critical input into various household chemicals which make modern life possible.

The European Union and US government have identified fluorspar as a strategic raw material. It featured on the draft list of minerals deemed critical to US national security and the economy published by the US Department of Interior in Q1 2018.

MANGANESE IN SOUTH AFRICA

Our Mamatwan manganese mine is located south-west of Hotazel and 30km north of Kathu in South Africa's Northern Cape Province. This lies in the Kalahari Manganese Field, which contains the world's largest high-grade mineable manganese orebody.

The resource considered for mining is eight million tonnes, which is 63% of the mineral resource estimate of 12.7 million tonnes.

Forecasts indicate that global manganese ore production will continue to grow, reaching 69Mt by 2027 – this supply will primarily come from South Africa and Australia.

South Africa will need to address the issue of developing a junior mining industry. Currently mining only contributes an estimated 7.4% to our national GDP.

PLATINUM GROUP METALS IN ZIMBABWE

Our Todal Bokai Platinum Mine, referred to as Bokai, holds several base metal mining claims, covering more than 4,800ha of the Zimbabwean Great Dyke. The claims containing PGM deposits are located within the Midlands Province, 15km south-east of Shurugwi. Bokai is a renowned PGM deposit comparable to the Bushveld Complex in South Africa and the Stillwater Complex in the USA.

The deposit is estimated to comprise a sulphide mineral resource of over 90Mt, containing platinum, palladium, rhodium and gold, with significant base metal credits. Positive offtake discussions held in 2018 indicate a promising future for this mine.

PGMs have both cosmetic (jewelry industry) and industrial (electronics and automotive industries) applications. The global drive to reduce CO₂ emissions in the automotive industry supports the demand for PGMs.

TIN IN NAMIBIA

Our Goatangab tin and tantalum concession is 340 km north-west of Windhoek, at the northernmost extent of the cassiterite regional belt extending from Brandberg West to Goatangab in Namibia. The licence comprises an economic resource of 366kt at an average grade of 1.47%.

The Goatangab tin deposit is classified as a distal tin skarn deposit and there is a strong possibility of finding more skarn type tin deposits in this environment.

Market research suggests that stricter environmental regulations could reduce tin output, causing prices to increase marginally in the short to medium term.

The demand is forecast to grow at a CAGR of 1 – 2%, maintaining robust demand for tin.



DZINGIRA MATENGA

Managing Director:
Development Assets
dzingira.matenga@ergafrica.com
+27 76 834 3445



EDWARD NAPHAMBO

Manager: Business Improvement
edward.naphambo@ergafrica.com
+27 76 790 9775



NEIL MOODLEY

Business Improvement Analyst
neil.moodley@ergafrica.com
+27 82 939 1781



CANDICE SUBRAMANY

Project Manager: Business Improvement
candice.subramany@ergafrica.com
+27 76 522 3936



LYNESSA MOODLEY

Business Improvement Analyst
lynessa.moodley@ergafrica.com
+27 66 478 8640



OZUEM OKECHA

Business Improvement Analyst
ozuem.okecha@ergafrica.com
+27 66 477 8850

OUR TEAM

Our team of professionals has a keen interest in applying themselves in challenging jurisdictions and working with a range of stakeholders to get our development assets investment ready.