



**Delivering high quality  
iron ore concentrate to the world**

Impact Investing in Sierra Leone

A close-up photograph of a person's hand holding a large amount of dark grey, granular iron ore concentrate. The hand is positioned in the lower right quadrant of the image, with the fingers slightly curled. The concentrate is piled in the palm and is falling in several streams from the fingers. The background is a vast, flat expanse of the same dark grey concentrate, stretching towards the horizon under a bright, hazy sky.

[www.marampamines.com](http://www.marampamines.com)



## **BUILDING A RESILIENT, SUSTAINABLE AND GLOBALLY COMPETITIVE IRON ORE PROJECT IN SIERRA LEONE**

Marampa Mines Limited ("MML") is engaged in the exploration, development and production of iron ore concentrate from estimated JORC compliant resources of approximately 1.7 billion tonnes at Marampa, in the Port Loko District of the Northern Province of Sierra Leone.

As an iron ore producer, MML plays a central role in the value chain of the world's most carbon-intensive industrial material, steel. Our goal is to create a resilient, sustainable and globally competitive iron ore project in Sierra Leone by optimising our capabilities in mining, processing, infrastructure and export logistics. As we do so, we are also contributing to the economic and social development of our host communities and the people of Sierra Leone.

Marampa Blue™ - our 65% Fe grade iron ore product, is beneficial to the decarbonisation of steelmaking as it helps to achieve a lower carbon footprint in the steel supply chain, reducing end-to-end emissions and delivering on the industry's climate objectives.

Marampa Mines Limited is governed by its Board of Directors, who guide the direction of the operations and stakeholder management. The Board is chaired by Gerald Group's CEO, Craig Dean. Of its five members, four are Sierra Leonean and 60% are women.

MML is committed to transparency at the highest standards of conduct. The foundation of our corporate governance is formed by policies that provide structure for the operation, which are available at [marampamines.com/policies](https://marampamines.com/policies).

THE MARAMPA PROJECT

**MARAMPA BLUE™**

*“At MML, we are creating long-term value on a daily basis. We are growing our production of high-grade iron ore concentrate, Marampa Blue™, by investing in our operations and building a diverse and skilled workforce to ensure we deliver on our commitment to our customers and stakeholders. Together with our employees, contractors and the Government of Sierra Leone, we are focused on achieving our ambitions for lasting economic, social and environmental success. Marampa is not just a mining operation, it is an all-encompassing project that will deliver development impact for our host communities and the people of Sierra Leone, and we are determined to build a resilient, sustainable and world-class project that creates a strong future for us all.”*

**CRAIG DEAN, EXECUTIVE CHAIRMAN & CEO, GERALD GROUP**

Our current expansion programme (3.75 Mtpa output) is adding significant new crushing, milling, beneficiation and power generation capacity to the mine’s operation. The investment will improve operational efficiency and reliability in the production of our high-quality iron ore concentrate. It will also allow us to treat a wider variety of ore from the mine while still producing a high-quality product. These are key achievements to ensure the future competitiveness and sustainability of the mining operations and the overall mining sector in Sierra Leone.

MML also plans to install a blend of energy solutions that will include renewables to reduce our carbon footprint so that our premium product, Marampa Blue™ can contribute to the green steel revolution in the coming years. Our ongoing expansion will enable us to create more jobs and increase business opportunities locally. Our investment programme will continue to benefit all our stakeholders and generate added value in-country.





## 3.75 MTPA IRON ORE CONCENTRATE PROCESSING PLANT EXPANSION - COMMISSIONING IN 2024.

MML is executing a US\$200 million expansion programme to increase the current production capacity of high-grade iron ore concentrate from 3.25 Mtpa in 2023 to 3.75 Mtpa in 2024. Commissioning of the new expansion plant is scheduled for the first quarter of 2024. Even as we expand the mine's operational output, we are reviewing plans for our next phase of expansion. As we expand production, we are also expanding our Sustainability programme across all areas. MML is determined to be a leading contributor to the social and economic development of Sierra Leone.

*His Excellency, Rtd. Brigadier Maada Bio, President of the Republic of Sierra Leone on the occasion of the launch of MML's Community Development Fund, May 2023.*

*"Operations in the mine are going on undisrupted, revenue sharing with government is satisfactory. We have maintained thousands of jobs, kept the local contractors in business and we have kept the local economy buoyant. I think our approach is simple, the government, our investors and local communities, especially Marampa, must all benefit from this mining operation. This is why I'm here this afternoon. I have been informed and I'm pleased that in the last one year alone, Marampa Mines has paid land lease payments that have been used for disaster interventions and supporting vulnerable populations right across this district, refurbishing health centers, supporting schools, providing university scholarships and paying crop compensation to local communities, among other things. Today, the two chiefdoms combined get 38 billion Leones. For 90 years this did not happen. But let's say very soon they hit 40 billion [Leones] every year, we're going to build all the schools, then we're going to build all the health centers for Lunsar, we're going to make all the roads there, we're going to do the water supply and sustainable electricity supply. Thank you, Marampa Mines, for taking your corporate social responsibility very seriously."*

## SUSTAINABILITY AT THE CORE OF OUR MINING ACTIVITIES IMPROVES MINE PERFORMANCE AND GENERATES VALUE FOR ALL STAKEHOLDERS

### LOCAL CONTENT:

MML focuses on employing >90% Sierra Leonean nationals and making local suppliers a priority for fulfilling our procurement needs. MML supports local business owners follow best business practices.

### IMPACT INVESTMENT:

We are developing local supply chains that allows small and medium-size enterprises (SMEs) to flourish in the community.

### CLIMATE CHANGE:

MML is deploying energy efficiency measures and pursuing renewable energy to reduce and offset our carbon footprint for a 'cleaner' iron ore product.

### BUILDING GLOBAL MOBILITY:

MML invests in our employee's professional development and mobility.

### GENDER DIVERSITY:

Diversity is a key priority at MML. We are proud to have exceeded our target threshold of 30% women in the workforce in 2023, a key milestone towards achieving our objective of equality, diversity and building a strong workforce at all levels. Achieving our goal has taken significant effort and is part of our commitment to our stakeholders. Diversity is also key to driving social and economic development and ensuring our operation is sustainable.



## LOGISTICS AND EXPORTS OPERATIONS

As the project expands, MML's logistics include haulage, shipping, loading and export. Currently, iron ore concentrate is loaded onto a fleet of seven river ships. These ships transport material over 70km from our Thofeyim River Port Terminal ("TRT") to an offshore transshipment point for loading onto large ocean-going vessels ("OGVs").



River ships carry Marampa Blue™ from TRT to Freetown Harbour for export to international markets.



TSVIO transhipper vessel loads Marampa Blue™ onto an OGV for transportation to end users.

## MML FARM



MML is developing a 70-hectare farm to meet the daily needs of over 3,600 employees / contractors onsite. The farm will encompass four production systems: fish, chicken, cattle, fruit and vegetables – all built on nature-based solutions, regenerative/integrated agriculture practices and methods to improve soil composition. It is emblematic of MML’s integrated approach to Sustainability, teaching us how to recycle more, reduce waste and create an ecosystem for living more sustainably, an important principle for our employees to apply to their daily lives.

## COMMUNITY RELATIONS & DEVELOPMENT (CR&D)

MML holds community relations in the highest regard. The Company’s CR&D Department serves as a trusted bridge between MML and the Marampa community. Its mission is to build and maintain trust between MML and our primary host communities through continuous engagement, ensuring that intentions, activities, needs, aspirations and concerns are addressed. The CR&D Department also supports MML’s ESG initiatives focused on empowering primary host communities by generating sustainable livelihoods and creating opportunities for local businesses.

Under MML’s Community Development Agreement (“CDA”) signed with Marampa and Maforki chiefdoms with the support of Sierra Leone’s Minister of Mines, the Company contributes 1% of the FOB value of annual export revenues into a Community Development Fund (“CDF”). In April 2023, MML made a record payment of Le38 billion (US\$1.7 million) to the CDF. The funds are to be directed to projects to support local development initiatives.

We simultaneously ensure our communities are developed through other programs and initiatives that we support as we maintain our stance to be a leading contributor towards the social and economic development of Sierra Leone.

