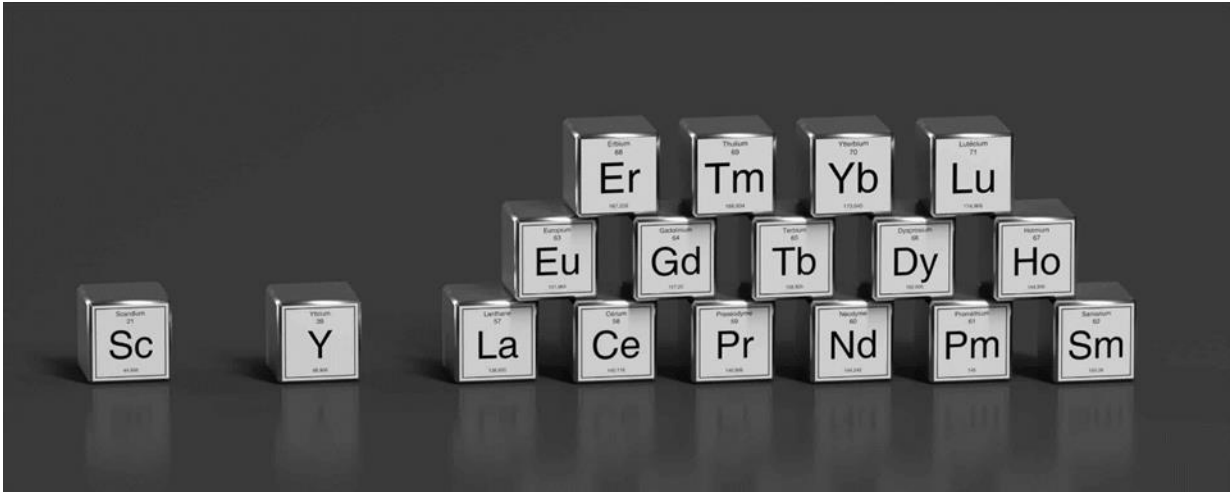


# Nager Investments Ltd

## Project Executive Summary



# **Nager Investments Limited**

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## **Background**

Malawi is poised to become a key player in the sustainable production of rare earth carbonate, essential for powering the electric industrial revolution. This presents a tremendous opportunity for the country to not only harness its natural resources but also contribute to the global green energy revolution. The country has at least five potential rare earth mines, supported by a stable political climate, solid infrastructure, and governmental backing.

Rare Earth Elements (REEs), vital for modern technology, are found in the alkaline rocks of southern Malawi. These elements, categorized into light and heavy rare earths, are critical in various industries such as electronics, manufacturing, medical science, and renewable energy, being used in devices ranging from cell phones to wind turbines.

## **Introduction**

Nager Investments Ltd was established with the core mission of exploring and developing rare earth element resources to cater to both the domestic needs and the global market.

The company possesses the Exclusive Prospecting License number EPL0708/23 for a site that spans approximately 58.7 square kilometers in the area of T/A Malemia in Nsanje district. An extra 50 square kilometers in the same area is currently being processed for addition to this EPL. This area is a combination of public land, part of the Matandwe forest reserve, and streams that feed into the Shire River, as well as customary land at the base of the hills.

Nager Investments' exploration efforts are concentrated on the Hills and forest reserve, ensuring no impact on the customary land. Permission to enter and explore in Matandwe forest has been granted, with the application for entry into the Matandwe forest reserve accepted by the Director of Forestry. The exploration project has already been approved by the Department of Mines.

## **Rare Earth Mine Feasibility Studies**

The preliminary exploration, including stream sediments and Rock analysis conducted by Nager Investments Ltd, has yielded promising results, revealing that high-quality rare earth elements are consistently distributed throughout the mining claim areas. This also ties with information sourced from a previous compiled reports carried out by the Malawi Geological Survey Department (GSD).

The company is now actively pursuing a funding initiative for Confirmatory Analysis to further validate the rare earth deposits' potential.

An investment of US\$2 million is sought for a comprehensive Feasibility Study, which is expected to solidify the project's position as an unrivalled mining venture on the global stage.

This Feasibility Study is not just a formality; it's a crucial step that aims to ensure meticulous scrutiny, based on prudent and conservative estimates, while still forecasting robust economic outcomes. Our approach is to meticulously integrate technical, regulatory, and market factors into the development strategy. With these insights, Nager Investments Ltd is strategically positioned to establish the Nsanje mine as a major, sustainable source of critical rare earth elements, capitalizing on efficiency to remain competitive in cost.

Our anticipation is high as we look toward the completion of the Feasibility Study. This significant milestone will pave the way to finalize our mining license application and kick off the permitting procedures in the latter part of 2025, moving us closer to tapping into this extraordinary mining prospect.

## **Market Analysis**

The rare earth elements market is a critical sector with growing importance due to its application in various advanced technologies. Rare earths are a group of 17 elements that are vital for the production of high-strength permanent magnets, catalysts, phosphors, and other high-tech applications including consumer electronics, clean energy solutions like wind turbines, electric vehicles (EVs), and defense systems.

China has been the dominant player in the rare earth industry, controlling the vast majority of the world's production and processing facilities. This dominance has raised supply security concerns among other nations, particularly given the strategic importance of rare earths in modern technology and the green energy transition.

The demand for rare earths is projected to grow in line with the increasing adoption of EVs, the expansion of renewable energy infrastructures, and advancements in technology. The EV market is particularly influential, with rare earth elements being essential for the production of neodymium-iron-boron (NdFeB) magnets used in electric traction motors. These magnets are preferred for their high performance and efficiency, which are critical for EVs' operation.

Moreover, environmental concerns and the global push towards sustainable practices are shaping the market. Countries and industries are seeking to reduce their reliance on fossil fuels and decrease carbon emissions. This

transition fuels the demand for rare earths, as they are key components in technologies that enable this shift.

In conclusion, the rare earth market is positioned at a strategic junction, with growing demand and efforts to diversify supply. It remains a critical area for global technological advancement and the sustainable energy transition, with significant opportunities for investment and development in the coming years.

## Financials

The project has been initiated from scratch and it involved the establishment of a rear earth mine and processing factory in the Nsanje District in Malawi. This project comprises six main components:

	Description	Timeframe
1	Exploratory Licencing	2023-2024
2	Feasibility Studies	2023-2024
3	Exploration Confirmatory Studies	2023-2024
4	Financing and Mine Development	2024-2026
5	Acquisition of Mining Equipment	2024-2026
6	Mining	2025 onwards

Our project's estimated investment requirement stands at **US\$500 million**. We aim to finance this through a mix of loan facilities and private investments. A significant portion is anticipated to be procured as a loan from a development bank. This loan will form the backbone of our financing strategy.

With a strategic focus on tapping into the lucrative REE market, which is driven by the needs of the electric vehicle and renewable energy sectors, Nager Investments Ltd. is well-placed to establish a leading role in the sector, ensuring significant returns for stakeholders while contributing to global technological advancement.

This executive summary encapsulates the financial health and future prospects of Nager Investments Ltd., highlighting its potential to become a major player in the global rare earth market. The company's strategic planning and promising financial metrics position it as an attractive investment opportunity with significant growth potential.