MANGANESE SULFATE PRODUCTION

With growing global demand, especially for battery-grade manganese sulfate used in EV production, the market is primed for expansion. Georgia's abundant manganese reserves, low-cost inputs, and access to EU and Asian markets via Black Sea ports create a unique value proposition for cost-effective, export-oriented production.

For private equity, this is a chance to enter an early-stage market with first-mover advantages, secure long-term offtake contracts, and position for strategic exit via trade sale or industrial partnership as global players seek reliable, ESG-compliant suppliers.

PROJECT DESCRIPTION

The manganese sulfate production project in Georgia is strategically designed to leverage the country's abundant manganese resources, particularly those in the Chiatura region. Chiatura is home to one of the world's largest manganese deposits, with estimated reserves of 239 million tonnes of manganese ore grading around 26% manganese metal. This rich resource base provides a solid foundation for establishing a vertically integrated production facility.

The proposed facility aims to produce high-purity manganese sulfate monohydrate (HPMSM), targeting an annual output of 12,000 metric tons. The production process will involve sulfuric acid leaching of manganese ore, followed by purification and crystallization to obtain HPMSM suitable for use in lithium-ion batteries and agricultural applications. This approach ensures the production of a high-quality product that meets international standards.

Strategically located near the Chiatura mines, the plant will benefit from proximity to raw material sources. Additionally, Georgia's access to Black Sea ports like Poti and Batumi facilitates efficient export routes to European and Asian markets. The country's favorable trade agreements, including the Deep and Comprehensive Free Trade Area (DCFTA) with the EU, further enhance its strategic position.

The project is expected to generate significant economic benefits, including job creation in mining, processing, and logistics sectors. Environmentally, the facility will adhere to international standards, implementing waste management and emission control measures to minimize its ecological footprint. Notably, the Chiatura region has faced environmental challenges due to historical mining activities, with significant waste accumulation and water pollution. The project plans to address these issues by incorporating sustainable practices and remediation efforts.

FINANCIAL HIGHLIGHTS

Initial Investment: USD 11.5 million
Projected Revenue (Year 1): USD 12.0 million
IRR (10 Years): 25%
NPV (10 Years): USD 10.4 million

CONTACT INFORMATION

WEBSITE: *www.owlge.com*
CELL: *+995 598 146 151*
EMAIL: *info@owlge.com*