

UNEARTHING UGANDA'S MINERAL WEALTH

A GUIDE TO INVESTMENT

09.2025



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Uganda is brimming with immense potential, rich in extractives resources, and home to a vibrant and dynamic population. We are witnessing a new era of growth and prosperity across the country, driven by a surge in entrepreneurship, innovation, and investment.

Our mineral resources including, gold, tin, iron ore, copper, lithium, graphite, cobalt, and rare earth elements; are poised to play a leading role in the expansion of the Ugandan economy ten-fold over the next 15 years from USD 50 billion in 2025 to USD 500 billion by 2040. To ensure a conducive investment climate for the attainment of this Strategy, we have enacted progressive laws and regulations to attract investment, streamline bureaucratic processes, and promote sustainable exploitation of our minerals.

This 2nd edition of this publication 'Unearthing Uganda's Mineral Wealth: A Guide to Investment' presents key opportunities and how you can participate in the sustainable development and exploitation of minerals in Uganda. The country's main objectives are for in-country processing of minerals to feed into the manufacturing industry for final products, to prioritize green minerals, and sustainability. We have also established the Uganda National Mining Company to manage the State's commercial interests in strategic minerals.

I invite you all to explore the investment opportunities that Uganda has to offer, collaborate with us, and be a part of our journey towards realizing the full potential of our mineral resources. Let us work together to build a brighter and more prosperous future for Uganda, Africa, and the world.



Canon. Dr. Ruth Nankabirwa Ssentamu
MINISTER OF ENERGY AND MINERAL DEVELOPMENT



Uganda is on the cusp of an incredible transformation, with the mining and minerals sector poised to be its engine. It is with great pride that the Uganda Chamber of Energy and Minerals introduces *Unearthing the Wealth in the Pearl: Volume 2*—a crucial blueprint for realizing our nation's full potential.

This is not merely a book about rocks; it is a strategic guide and a call to action. Where Volume 1 established Uganda's vast mineral potential, Volume 2 provides the actionable, data-driven pathways to unlock it. This volume focuses on building complete value chains—from the mine to the factory and even to recycling—to create a robust and resilient economy.

In line with Uganda's Vision 2040, this guide positions our minerals not as raw commodities, but as catalysts for a vibrant, industrialized economy. We envision our cobalt powering the global green energy transition and our phosphates nourishing agricultural security. This is about beneficiation, local processing, and integrating into global supply chains to create high-value jobs and attract investment.

This book is a testament to collaboration, drawing on insights from government, industry, academia, and local communities. It is an essential tool for investors and policymakers, providing the clarity needed to transform Uganda's mineral wealth into shared, sustainable prosperity. Let us dig in and build this brighter future together.



Mr. Humphrey Asimwe
Chief Executive Officer,
Uganda Chamber of Energy and Minerals



Uganda stands at a pivotal moment in its economic transformation. Our nation is endowed with vast mineral wealth—from gold and rare earth elements to graphite and limestone. These resources are not merely for extraction; they are the strategic foundation for our industrialization, as outlined in our ambitious National Development Plan IV.

This investment guide demonstrates how we are translating this vision into action. By prioritizing mineral value addition, we are shifting from raw exports to producing higher-value goods. This strategy will drive export growth, reduce import dependence, and position Uganda as a competitive player in regional and global markets. The development of mineral processing hubs across the country will serve as engines of inclusive growth, creating jobs, building skills, and empowering communities.

As the Minerals Africa Development Institution (MADI), we believe Uganda's bold vision sets a powerful precedent. Through enabling policies and strategic partnerships, we are creating an environment where both investors and communities thrive.

This publication is therefore a roadmap to shared opportunity. It is an invitation to investors, policymakers, and development partners to join us in harnessing Uganda's mineral resources to build industries and drive sustainable growth.



Dr. Frank Mugenyi
Executive Director,
Minerals Africa Development Institution.





COUNTRY PROFILE

Country: Uganda
 Population: 45,935,046
 Population Annual Growth Rate: 2.9
 Currency: Uganda Shillings (UGX)
 Gross Domestic Product (GDP): \$53.65 billion
 GDP Growth rate: 6.3%
 Headline inflation: 3.8%
 Core inflation: 4.1%
 Life Expectancy: 68.2 years
 Official language: English
 Electricity: 2,048.1 MW installed capacity
 National Carrier: Uganda Airlines

Our Projects

The country has rolled out **NDP IV** to achieve a \$500b economy by 2040 with Agriculture, Tourism, Mineral Development, Science Technology and Innovation (ATMS) as key growth drivers from 2025/2026-2029/2030.

Strategic Direction

- Exploration and quantification of the priority minerals, and geothermal resources.
- Joint Ventures with the Uganda National Mining Company (UNMC)
- Establishing extractives sector laboratory network
- Set up of mineral beneficiation plants
- Set up of Mineral markets and buying centers
- Set up of Mineral Beneficiation and Training Centers
- Set up of Geothermal Direct Use Facilities
- Set up of Minerals Analytical Laboratory
- Construct a national geological specimen repository
- Refurbish the Geological Museum
- Establish a national seismological and geohazard monitoring network
- Establish a resource center for extractives
- Develop and implement an extractive risk management framework for the extractive industry
- Establish the National Extractives Industry Workforce Training Program

INVESTOR, INCENTIVES, INDUSTRIAL PARKS AND FREE ZONES

Uganda is a number one regional leader in capital markets growth according to ABSA and Financial Markets Index 2022. The country has a number of industrial parks that are operational, under development and planned which present significant opportunities for investment as well as mineral value addition. These parks are supported by tarmac roads, power and water infrastructure.

Some of the key incentives for manufacturing sector include;

(i) 10 years income tax holiday for exporters of finished consumer and capital goods (80% of production) outside domestic market. VAT is exempt on raw materials

(ii) VAT deferment on plant and machinery at importation

(iii) 0% import duty on plant and machinery utilized for setting up industry

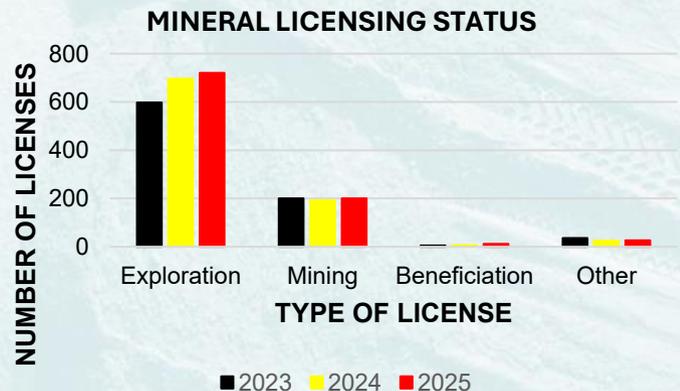
Uganda Investment Authority



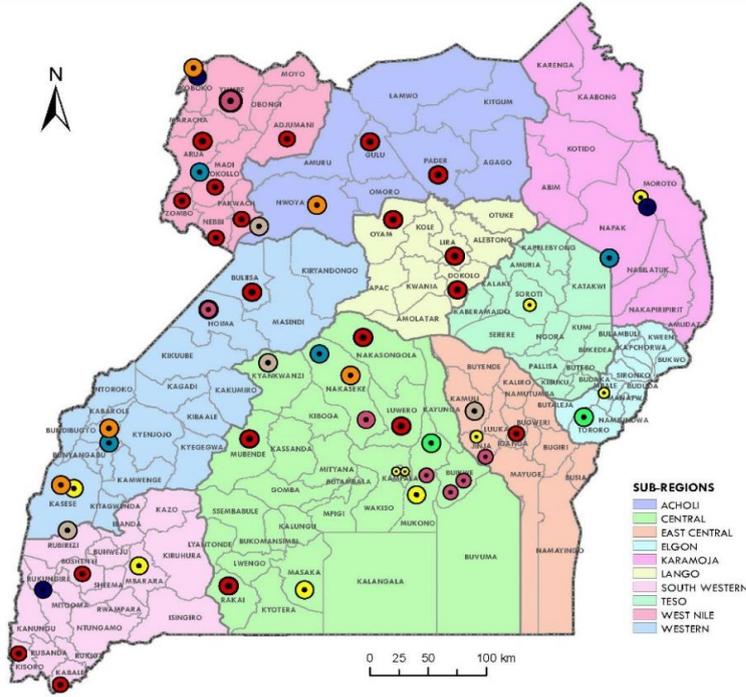
LICENSING IN UGANDA

Licensing is based on first come first serve basis when applying for green fields. However, the Government may conduct competitive bidding rounds for select green fields and brown fields types of licenses, which include:

- Prospecting License(PL)
- Exploration License(EL)
- Retention License(RL)
- Artisanal Mining License(AML)
- Small Scale Mining License(SML)
- Medium Scale Mining License(MML)
- Large Scale Mining License(LML)
- License for Extraction of Geothermal Resources for Direct Use
- Mineral Processing license (MPL)
- Mineral Refining license (MRL)
- Mineral Smelting License(MSL)
- Mineral Dealers license(MDL)
- Gold Smith License (GSL) and many other permits.



NATIONAL INDUSTRIAL PARKS DEVELOPMENT STRATEGY (2020/21 - 2024/25)



National Industrial Parks Development Strategy:

- Gazetted Industrial and Business Parks under Development
- Gazetted Industrial and Business Parks not yet developed
- Proposed Large Scale Industrial & Business Parks specific to the (SGR) Project
- Proposed Regional Science, Technology and Industrial Parks (STIPs)
- Proposed Industrial Parks under the Forum on China–Africa Cooperation (FOCAC) Programme
- Proposed Regional Science, Technology, Engineering, Innovation (STEI) Parks
- Proposed Regional Parks
- Developed Private Industrial Parks

●	Kampala Industrial and Business Park, Namanve	2,200 acres
	Luzira IBP	70 acres
	Bweyogerere IE	50 acres
	Mbarara (SME Park)	12 acres
	Kasese IBP (also FOCAC)	216 acres
	Jinja IBP	182 acres
	Soroti IBP	219 acres
	Tian Shan Mbale Park	619 acres
	Karamoja IBP	417 acres
	Liao Shen Industrial Park Co. Ltd	1,280 acres
●	Ligazi Industrial Park	150 acres
	MMP Industrial Park Buikwe Ltd	1,000 acres
●	Yumbe Industrial Park	
	Jinja Industrial Park	200 acres
	Katosi Industrial Park	10 sq. miles
	Mukono (SGR) Industrial Park	300 acres
	Tororo (SGR) Industrial Park	600 acres
●	Oraba Industrial Park	139 acres
	Kaweweta Industrial Park	11,520 acres
●	Anaka Industrial Park	3,612.6 acres
	Kabarole Industrial Park	500 acres
●	Moroto	
	Rukungiri	
●	Koboko	
	Arua, Adjumani, Gulu, Pader, Madi-Okollo, Zombo, Pakwach, Nebbi, Oyam, Lira, Dokolo, Bulisa, Bushenyi, Kabale, Kisoro, Nakasongola, Mubende, Luwero, Rakai, Iganga.	

LAW AND POLICY

Uganda's legal system is a combination of common and civil law including codified statutes, jurisprudence, precedent from case law, and recognition of customary (indigenous) law.

The Supreme law in the country is the Constitution of the Republic of Uganda (1995) which vests minerals in the Government on behalf of the Republic of Uganda.

The primary law on mining is the;

- (i) Mining and Minerals Act, Cap. 159
- (ii) Mining and Minerals (Licensing) Regulations, 2023 as amended by the Mining and Minerals (Licensing)(Amendment) Regulations, 2024
- (iii) International Conference of the Great Lakes Region (Implementation of the Pact on Security, Stability and Development in the Great Lakes Region) (Prevention of Illegal Exploitation and Illicit Trade in Designated Minerals) Regulations 2023
- (iv) Mining and Minerals (Export and Import of Tin Purity levels), Regulations 2024
- (v) Mining and Minerals (Export of Refined Gold), Regulations 2024
- (vi) Mining and Minerals (Export of Processed Vermiculite) Regulations, 2024
- (vii) Mining and Minerals (Artisanal Mining) Regulations 2025

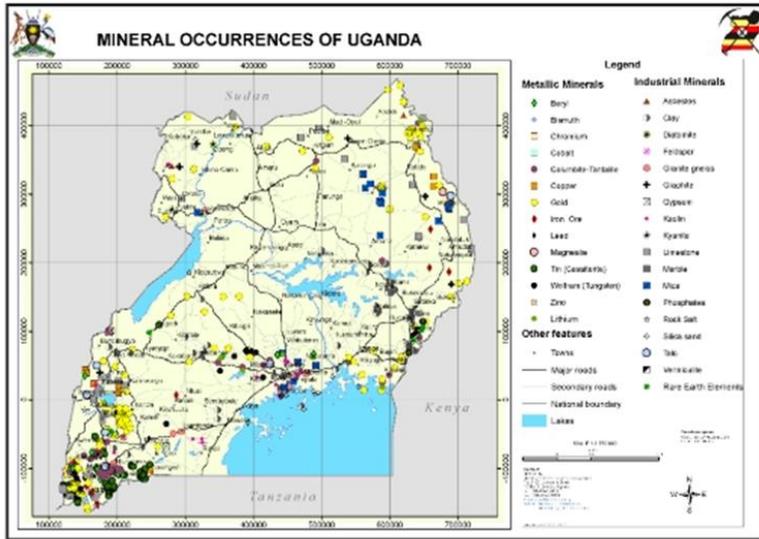


Other relevant laws include all the statutes on Environment, Land, Labour, Forests, Rivers and Lakes, and Taxes. Laws of Uganda (ulrc.go.ug)

MINERAL RESOURCES OF UGANDA

Uganda is endowed with a diverse array of metallic and non-metallic mineral occurrences with world class reserves of graphite, rare earth elements, iron ore, phosphates among others that have been discovered.

Mineral Resources in Uganda



- Widespread throughout Uganda but most prospective in the Karamoja belt (NW Uganda), Kibaran Belt (SW Uganda) and Lake Victoria Terrane (SE Uganda)
- Gold: Common throughout Uganda but most concentrated in Busia (SE Uganda), Buhweju and Kigezi (SW Uganda), Mubende (central Uganda), and Karamoja (NE Uganda)
- Copper and Zinc: Historical Cu-Co mining in western Uganda (Kilembe). Co-rich sulphides within the Buganda Group
- Chromium and PGE: Hosted in ultramafic intrusive rocks in the Nakiloro area
- Iron: Sedimentary hematitic iron in SW and SE Uganda. Magnetite iron ore associated with carbonatite complexes
- Tin: Numerous occurrences in the Kibaran belt of SW Uganda

GOLD (Au)

Gold is a precious metal of high value used in manufacture of bullion, electronics, jewelry and ornaments

LOCATION

Buhweju, Bushenyi, Mbarara, Kabale, Kisoro, Rukungiri, Kanungu, Busia, Mubende, Kassanda and Hoima Districts, Karamoja region & West Nile region

RESOURCES

- Estimated over 10 million Ounces in Mubende and Kassanda Districts
- Estimated over 1 million ounces of gold in Buhweju and Bushenyi Districts
- Estimated over 5 Million Ounces of gold in Karamoja, Northern Eastern Uganda
- Estimated over 5 Million Ounces Bugiri, Busia, Namayingo Districts, Eastern Uganda

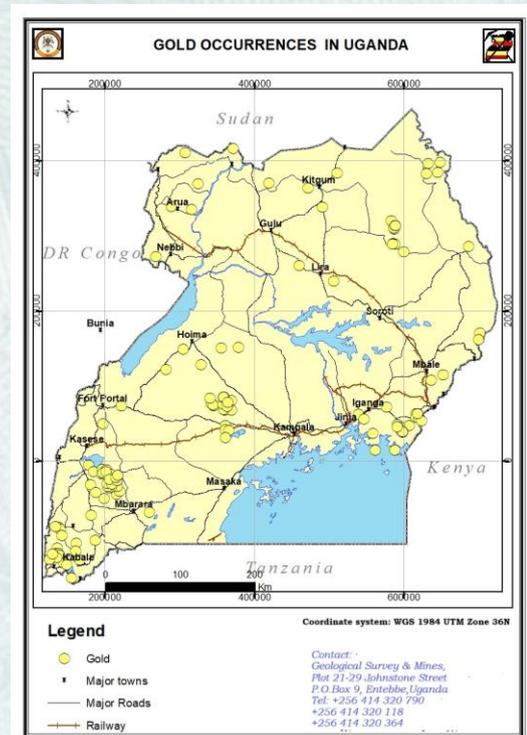
IMPORTS AND EXPORTS FOR GOLD PRODUCTS



HSCODE 7108

IMPORT VALUE

HSCODE 7108: Gold, unwrought or in semi-manufactured forms, or in powder form- UGX 10,769.70 Billion

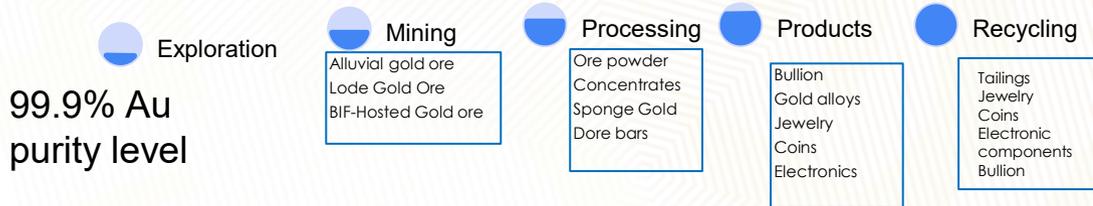


EXPORT VALUE

HSCODE 7108: Gold (including gold plated with platinum) unwrought or in semi-manufactured forms-UGX 9,657.33 Billion⁴

GLOBAL DEMAND

USD 291.68 billion in 2024, projected to reach USD 400 billion by the end of 2030 at a CAGR of 6.51% between 2025-2030.

VALUE CHAIN**VALUE ADDITION STATUS**

Gold Refineries: Euro Gold Refinery Limited, Fargo Commodities Trading (U) Ltd, and Feldstein Trading Limited

Jewelry and Ornaments:

Smartphones

Computers, laptops and tablets

Televisions



IRON ORE (Fe)

Iron ores occur in form of hematite in South Western Uganda and magnetite in Eastern Uganda with grades of 40-65% Fe.

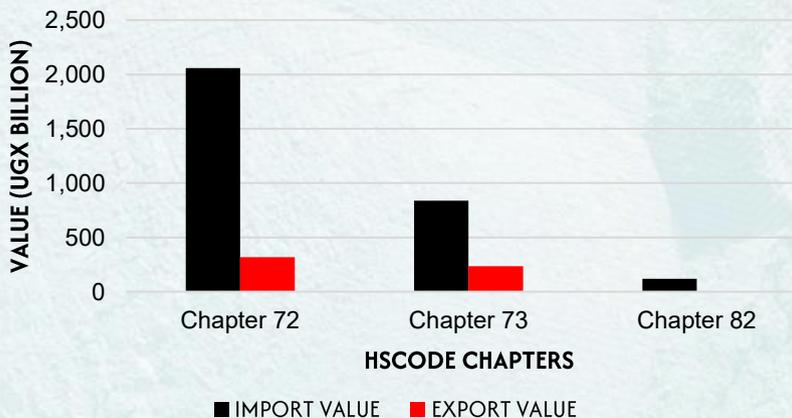
LOCATION

Kabale, Kisoro, Mbarara, Hoima, Tororo, Moroto, Napak, Manafwa and Kotido Districts

RESOURCES

- 318 Mt at a grade of 40-65% Fe in South Western Uganda
- 111 Mt in Tororo and Manafwa Districts, Eastern Uganda.

IMPORTS & EXPORTS FOR IRON PRODUCTS

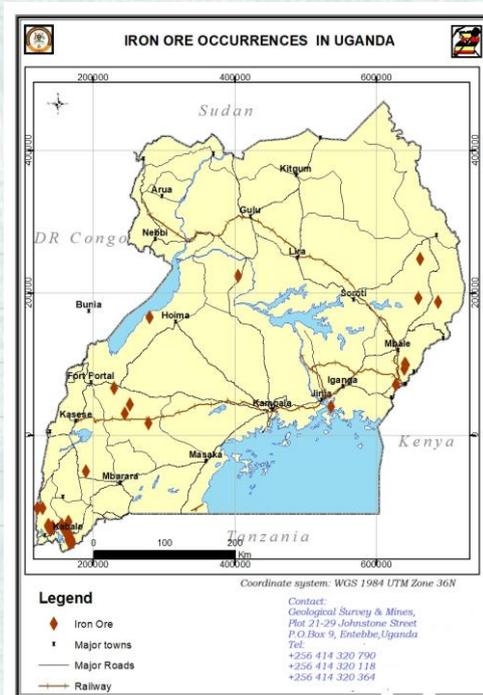


IMPORT VALUE

HSCODE Chapter 73: Articles of iron or steel- UGX 839.06 Billion⁴

HSCODE Chapter 72: Iron and Steel- UGX 2,059.47 Billion

HSCODE Chapter 82: Tools, implements, cutlery, spoons and forks, of base metal- UGX 119.98 Billion

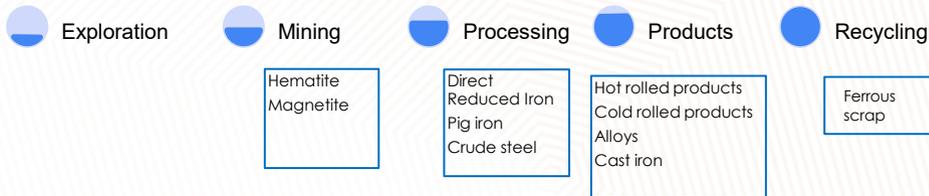


EXPORT VALUE

HSCODE Chapter 72: Iron and Steel- UGX 317.28 Billion
 HSCODE Chapter 73: Articles of iron or steel- UGX 234.49 Billion

GLOBAL MARKET SIZE

USD 275.23 billion in 2024 expected to reach USD 313.02 Billion by 2030, growing at a CAGR of 4.0% from 2025 to 2030.⁶

VALUE CHAIN**VALUE ADDITION STATUS**

Iron sheets, Iron bars, wire rods, BRC, galvanized windows and doors, nails, hollow sections, angle lines, flat bars, chain links, razor wires etc: Tembo SteelsRoofings Group, Steel and Tube Industries, Uganda Baati, Pramukh Steel, MM Integrated Steel Mills (Uganda) Ltd, Sembule Steel Mills Ltd, Starfly Steel Uganda Company Limited, Mesha Steel. Abyssinia Abyssinia Iron and Steel (Uganda) Limited is also setting up a steel processing plant in Jinja.



LIMESTONE

Limestone is an industrial mineral which consists of calcium carbonate and is used in the manufacturing of cement, construction, etc

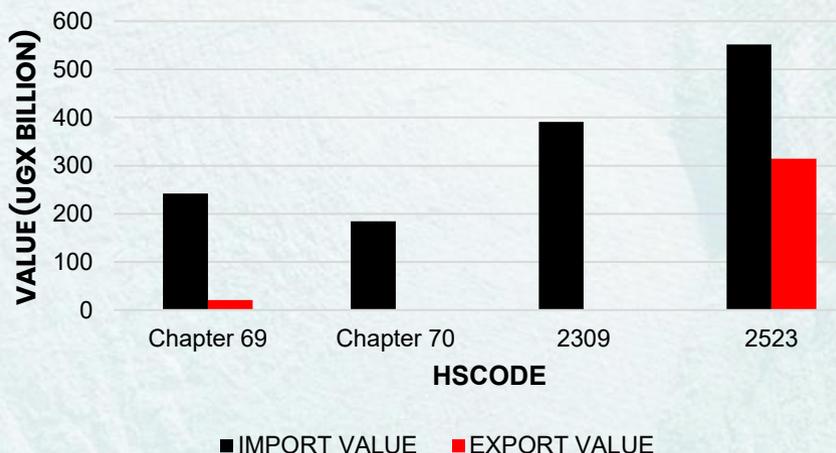
LOCATION

Kasese, Kamwenge and Kitagwenda Districts

RESOURCES

- 14.5 Mt in Kasese District
- 11.6 Mt in Kamwenge District
- 5.5 Mt in Tororo District

IMPORTS & EXPORTS FOR LIMESTONE PRODUCTS



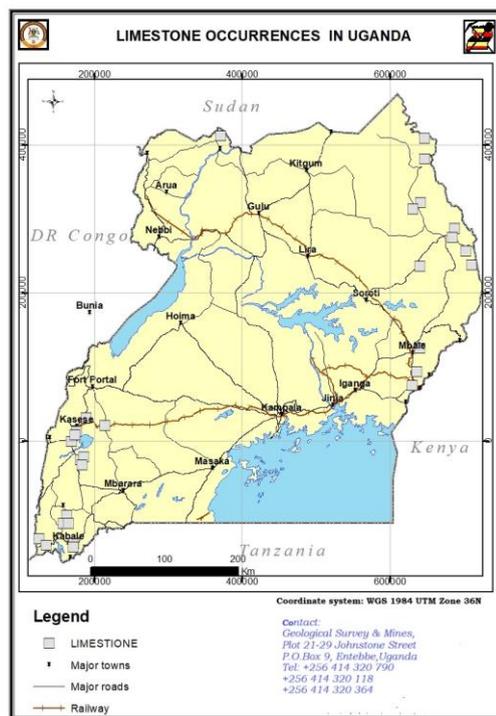
IMPORT VALUE

HSCODE Chapter 69: Ceramic products- UGX 241.80 Billion

HSCODE Chapter 70: Glass and glassware- UGX 184.34 Billion

HSCODE 2309: Preparations of a kind used in animal feeding- UGX 391.14 Billion

HSCODE 2523: Portland cement, aluminous cement, super sulphate cement, etc- UGX 551.62 Billion⁴



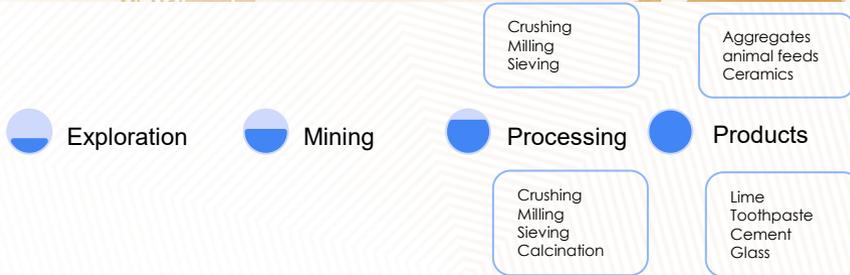
EXPORT VALUE

HSCODHSCODE 2523: Portland cement, aluminous E Chapter 69: Ceramic products- UGX 20.46 Billion cement, slag cement, super sulphate cement- UGX 314.28 Billion⁴

GLOBAL MARKET SIZE

USD 79.18 billion in 2024 projected to reach USD 120.70 billion by 2030, growing at a CAGR of 7.4% from 2025 to 2030⁷.

VALUE CHAIN



VALUE ADDITION STATUS

Clinker: Sunbird Resources

Cement: Several companies locally produce cement which include; Hima Cement Limited, Tororo Cement Limited, Simba Cement Uganda Limited, Kampala Cement Company Limited, Metro Cement Limited, Moroto Ateker Cement Company Limited, Simba Cement (National Cement Company Uganda Limited), WIH Cement Uganda.



CASSITERITE/TIN (Sn)

Tin is a silvery metal used in soldering, coatings, alloys and electronics.

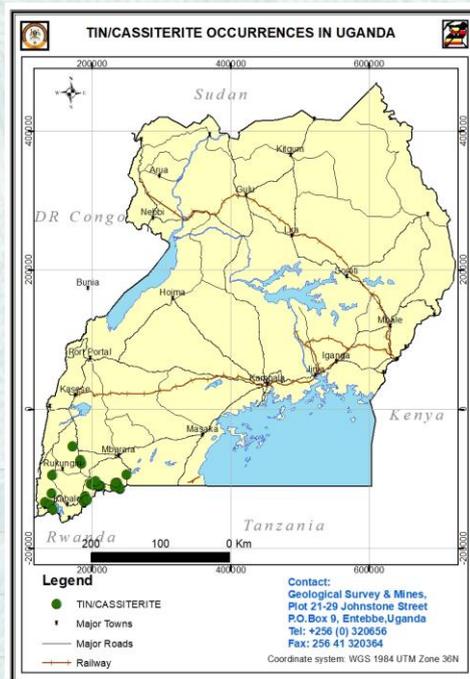
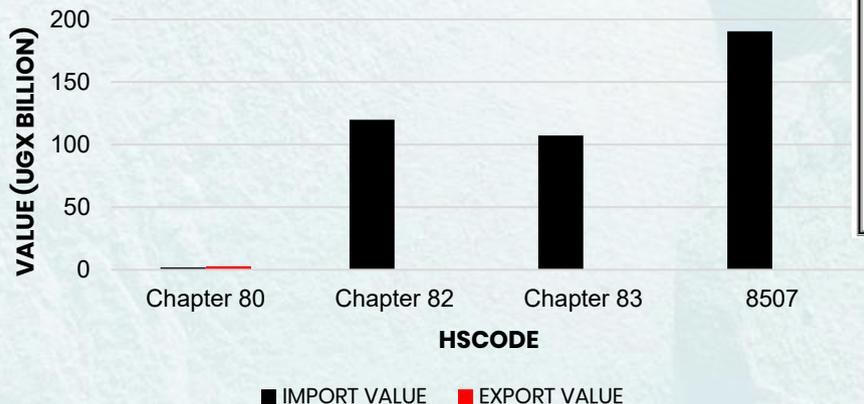
LOCATION

Ntungamo, Isingiro, Mbarara and Kisoro Districts

RESOURCES

- **Mwerasandu:** 477,672.55 metric tonnes at 0.35% tin.
- **Kikagati:** 400,000 metric tonnes at 1.65% tin.
- Other key prospects like Kaina, Bulunga, Kafunzo, Nyamaherere, Burama ridge, Ruhuma and Naniankoko require further exploration and evaluation.

IMPORTS AND EXPORTS FOR TIN PRODUCTS



IMPORT VALUE

HSCODE Chapter 80: Tin and articles thereof- UGX 1.80 Billion⁴

HSCODE Chapter 82: Tools, implements, cutlery, spoons and forks, of base metal; parts thereof of base metal- UGX 119.98 Billion.

HSCODE Chapter 83: Miscellaneous articles of base metal- UGX 107.30 Billion

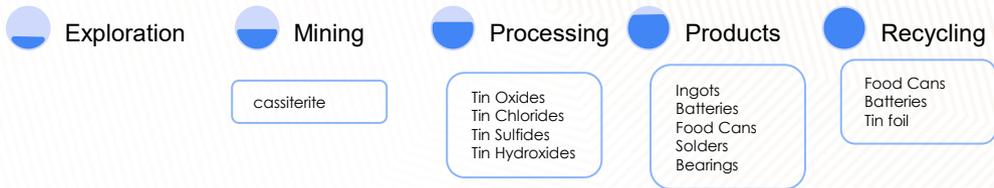
HSCODE 8507: Electric accumulators (incl. Separators therefor)- UGX 190.47 Billion

EXPORT VALUE

HSCODE Chapter 80: Tin and articles thereof- UGX 2.25 Billion⁴

GLOBAL MARKET SIZE

USD 7,199.3 million in 2022 projected to reach USD 7,138.7 million by 2030, growing at a CAGR of -0.1% from 2023 to 2030 .

VALUE CHAIN**VALUE ADDITION STATUS**

Concentrates and Ingots: H5 Resources, African Panther Resources Ltd, Woodcross Resources

Batteries: Goldstar, Uganda Batteries Limited, Nile Batteries, GOGO, Soleil Power and others

Smartphones: MiOne U1 and Joy9

Computers, laptops and tablets: Maticent Industries

Televisions: Black Ark



TUNGSTEN/WOLFRAM (W)

Tungsten is grey in color, has a high density, high melting point (3422°C) and is a very hard metal.

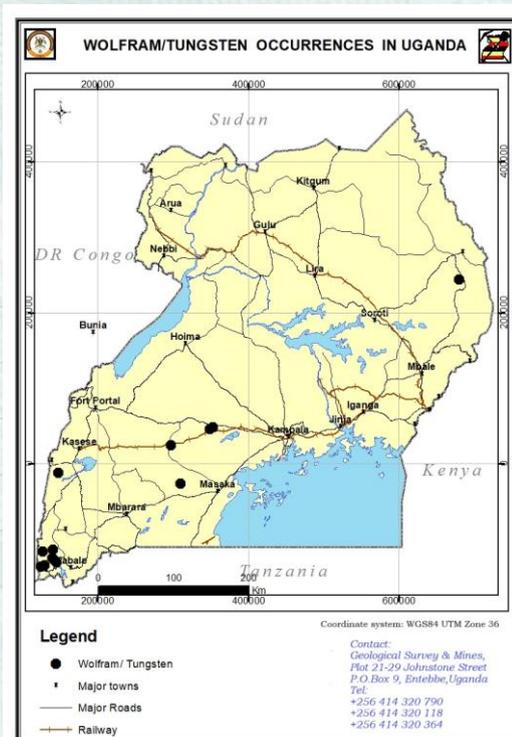
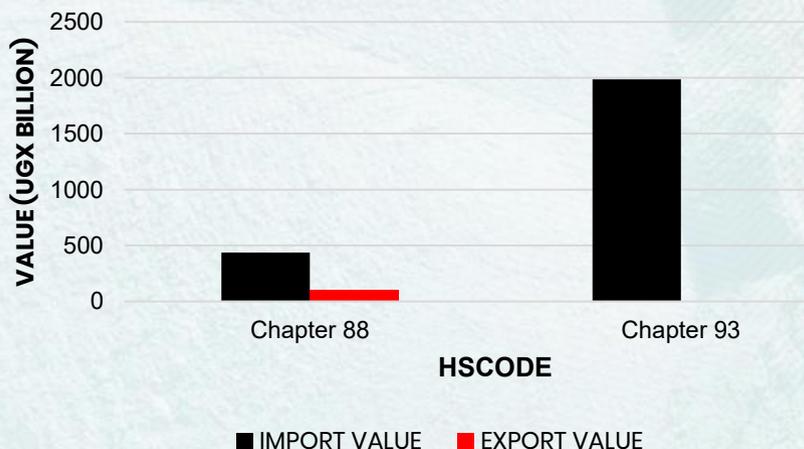
LOCATION

Kabale, Kisoro, Mubende and Rakai District

RESOURCES

- Over 28.4 Mt with a grade of 0.15%- 4% in South Western Uganda

IMPORTS & EXPORTS FOR TUNGSTEN PRODUCTS



IMPORT VALUE

HSCODE Chapter 88: Aircraft, spacecraft, and parts thereof- UGX 436.28 Billion⁴

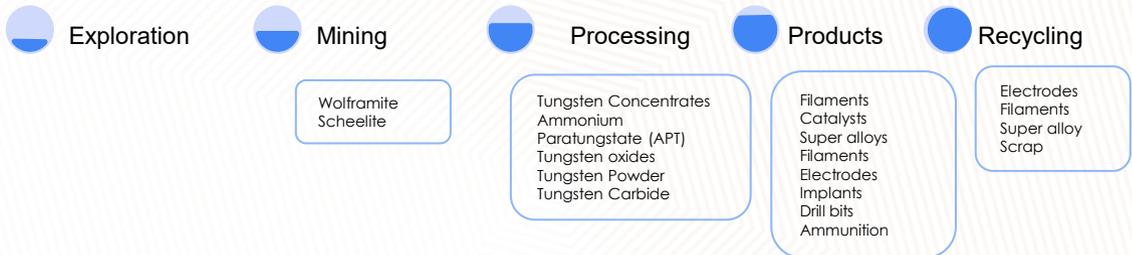
HSCODE Chapter 93: Arms and ammunition; parts and accessories. UGX 1,987.25 Billion

EXPORT VALUE

HSCODE Chapter 88: Aircraft, spacecraft, and parts thereof-
UGX 104.63 Billion⁴

GLOBAL MARKET SIZE

USD 4.75 Billion in 2023 projected to grow to
USD 9.49 Billion by 2032, with a CAGR of 8.00%
from 2024 to 2032 .

VALUE CHAIN**VALUE ADDITION STATUS**

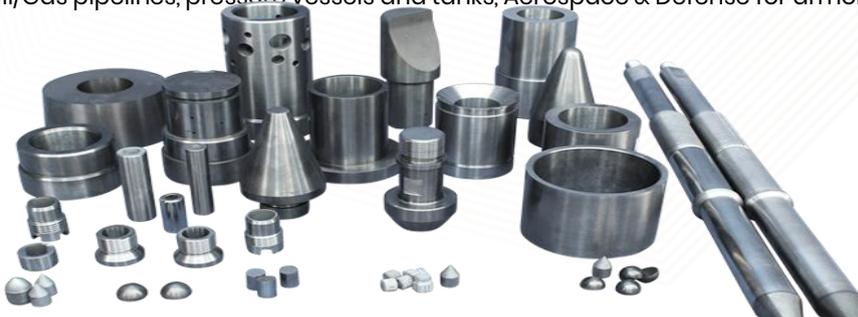
Ammunition & Defense: Luwero industries Limited produces, assembles cartridges, hardened tools, carbide dies, and spares.

Armored Vehicles: NEC-Streit (U) Ltd

Light Bulbs: Ledon Bulbs

Machining: Uganda Industrial Research Institute Namanve, ESSCO Engineering Company and in house machine shops various corporations..

Electrodes: Plasma cutting for several locally resident heavy industries like metal manufacturing (steel), automotive, Oil/Gas pipelines, pressure vessels and tanks, Aerospace & Defense for armor plating



COLUMBITE-TANTALITE

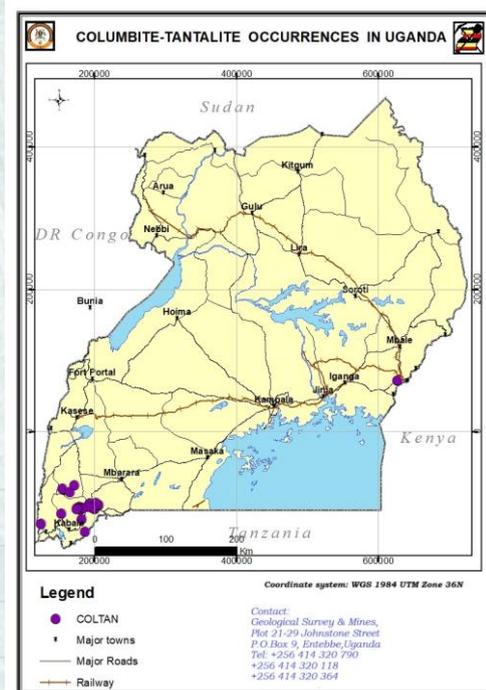
Tantalum is a hard metal, which is resistant to corrosion used for making high strength alloys, medical implants and optical equipment.

LOCATION

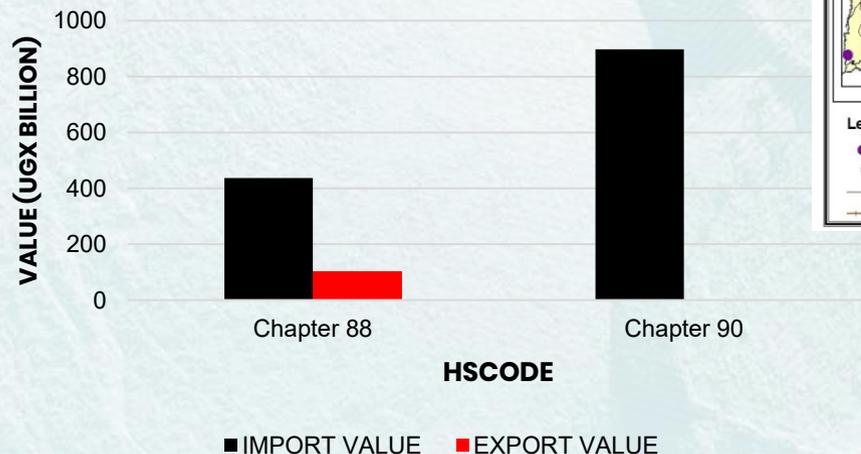
Ntungamo, Bushenyi, Kanungu, Kisoro, Wakiso, Mukono, Tororo, Manafwa, Napak, Moroto and Kotido Districts.

RESOURCES

- 130 Mt of Niobium at 0.20% Nb₂O₅ in Tororo District; 56Mt indicated and 16 Mt inferred.
- 1.1 Metric tonnes grading 0.014% of columbite per ton at Mbale Estate in Mubende
- 3.5 million tons of columbite-tantalite estimated in Ntungamo District.



IMPORTS & EXPORTS FOR COLUMBITE PRODUCTS



IMPORT VALUE

HSCODE Chapter 90: Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof- UGX 897.72 Billion⁴

HSCODE Chapter 88: Aircraft, spacecraft, and parts thereof- UGX 436.28 Billion

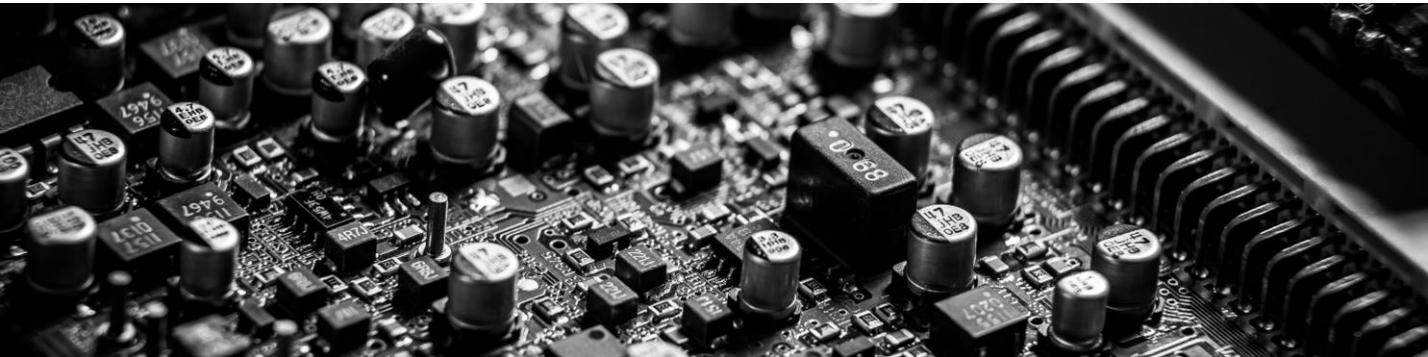
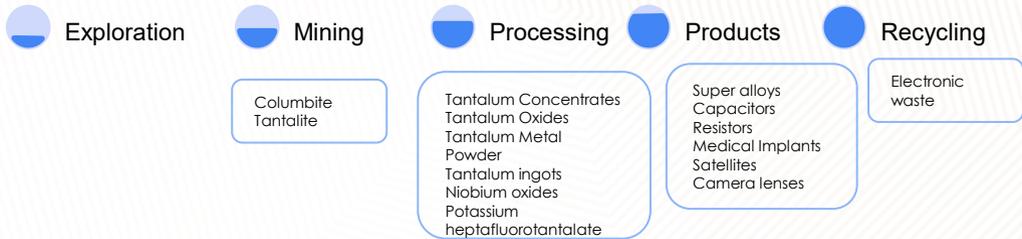
EXPORT VALUE

HSCODE Chapter 88: Aircraft, spacecraft, and parts thereof- UGX 104.63 Billion⁴

GLOBAL MARKET SIZE

USD 1.14 billion in 2024 projected to grow to USD 1.65 billion by 2030 at a CAGR of 6.41%

VALUE CHAIN



RARE EARTH ELEMENTS (REE)

This is a group of 17 elements grouped into either heavy rare earth elements or light rare earth elements used in high technology applications like defense, technology and energy.

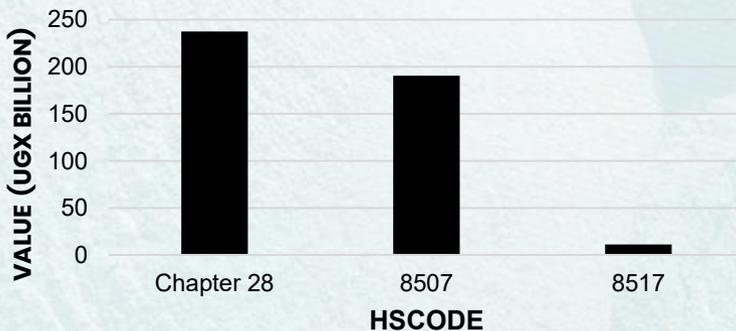
LOCATION

Manafwa, Tororo, Bugiri, Bugweri and Iganga Districts

RESOURCES

- World class deposits discovered in aluminous clays at Makuutu, Bugweri District (617 Mt @ 23% REE-Sc, Y, Ga) measured; 517 Mt/indicated
- 73.6 Mt of Rare Earth Elements estimated in Tororo District with grade of 0.32% La_2O_5
- Other key prospects like Carbonatite Centers of eastern Uganda at Bukusu in Manafwa District require further exploration and evaluation

IMPORTS FOR RARE EARTH ELEMENTS PRODUCTS

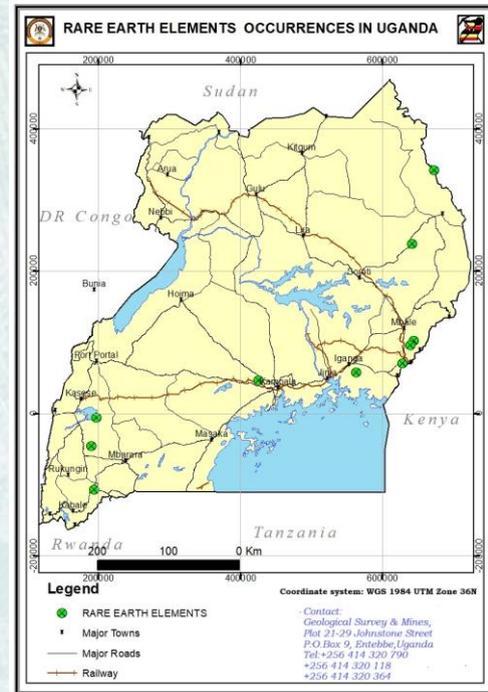


IMPORT VALUE

HSCODE Chapter 28: Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes- UGX 237.39 Billion

HSCODE 8507: Electric accumulators (incl. Separators therefor)- UGX 190.47 Billion

HSCODE 8517: Telephone sets, including smartphones and other telephones- UGX 10.96 Billion



EXPORT VALUE

N/A

GLOBAL MARKET SIZE

USD 3.95 billion in 2024 and is projected to reach USD 6.28 billion by 2030, growing at a CAGR of 8.6% from 2025 to 2030

VALUE CHAIN**Exploration****Mining**

Ion-adsorption clays

**Processing**

Rare Earth Metals
Mixed Rare Earth Concentrate
Rare Earth Oxides
Rare Earth Carbonates
Rare Earth Chlorides

**Products**

Magnets
Batteries
Motors
Electronics
Digital displays
Solar panels

VALUE ADDITION STATUS

Rare Earth Oxides (REOs): Rwenzori Rare Metals will produce REOs from the Makuutu project

Computer Assembly: Maticent Industries makes Desktops, laptops and Tablets

Smartphones: MiOne with UI and Joy9 Smartphone models has an assembly plant in Mbale City

Televisions: Black Ark has an assembly plant in Mbale City

Batteries: Gold Star, Uganda Batteries Limited, Nile Batteries, GOGO, Soleil Power and others

Solar Panels: Nexus Green is also setting up a solar panel manufacturing facility in Kapeeka



PHOSPHATES

Phosphates occur in form of apatite, rich in phosphorus used for making animal feeds, fertilizers, batteries and other products.

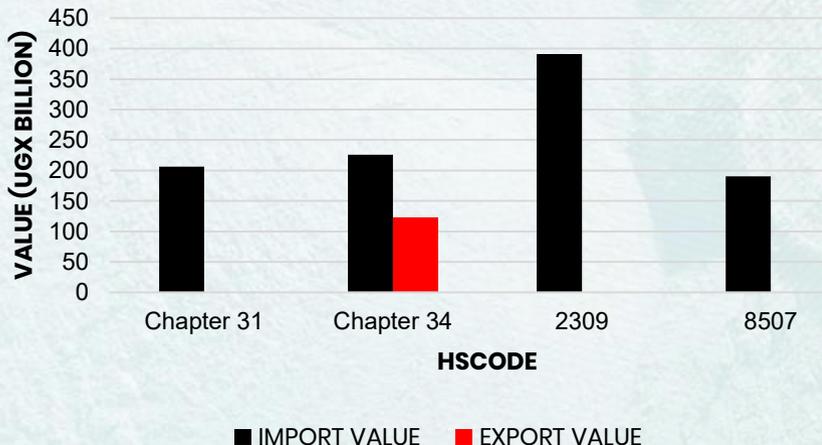
LOCATION

Tororo, Manafwa and Napak Districts

RESOURCES

- 230 Mt at Sukulu with grade of 13.1% phosphate
- 50 Mt at Bukusu with grade of 12.8% phosphate

IMPORTS AND EXPORTS FOR PHOSPHATES PRODUCTS



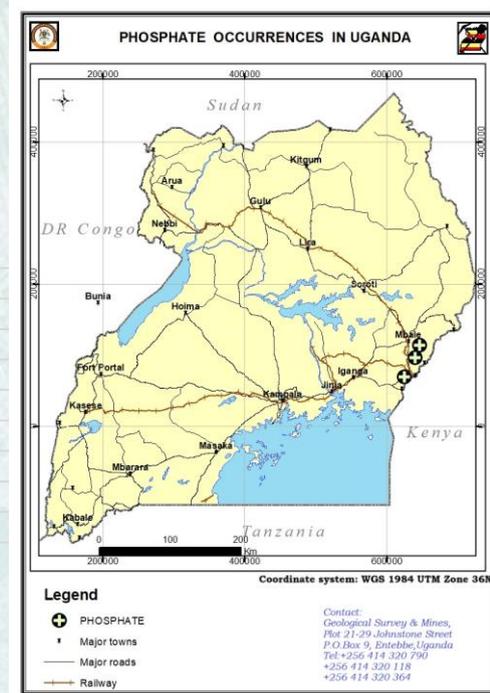
IMPORT VALUE

HSCODE Chapter 31: Fertilizers- UGX 206.53 Billion

HSCODE Chapter 34: Soap, organic surface-active agents, washing preparations, lubricating preparations, artificial waxes, prepared waxes, polishing or scouring preparations- UGX 225.83 Billion

HSCODE 2309: Preparations of a kind used in animal feeding- UGX 391.14 Billion

HSCODE 8507: Electric accumulators (incl. Separators thereof)- UGX 190.47 Billion



EXPORT VALUE

HSCODE 3401: Soap; organic surface-active products and preparations for use as soap- UGX 123.87 Billion

GLOBAL MARKET SIZE

USD 22.30 billion in 2021 projected to reach USD 29.73 billion by 2030, growing at a CAGR of 3.2% from 2022 to 2030 .

VALUE CHAIN**VALUE ADDITION STATUS**

Emulsion, ANFO Explosives and Shock Tube Detonators: Kyoga Dynamics

Batteries: Gold Star, Uganda Batteries Limited, Nile Batteries, GOGO, Soleil Power and others

Fertilizers: Grain Pulse

Animal feeds: De Heus, Tunga Nutrition, Grain Pulse, Ugachick and Wellfed Animal Feeds and several others

Detergents: Mukwano Industries Ltd, Bidco Uganda Ltd and several others.



POZZOLANA

Pozzolana is an industrial mineral used for making cement, lime, plasters and mortars.

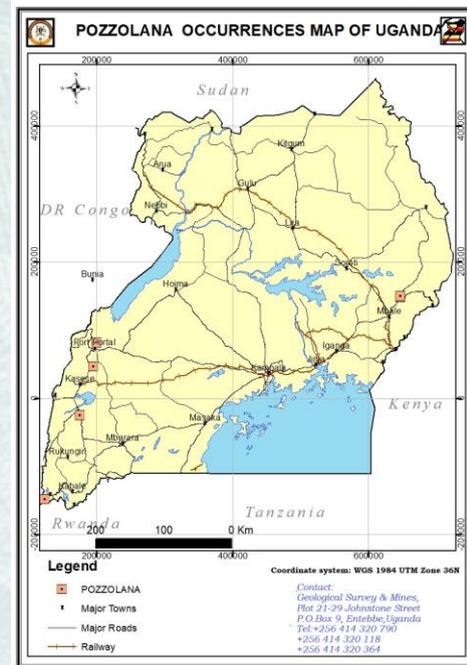
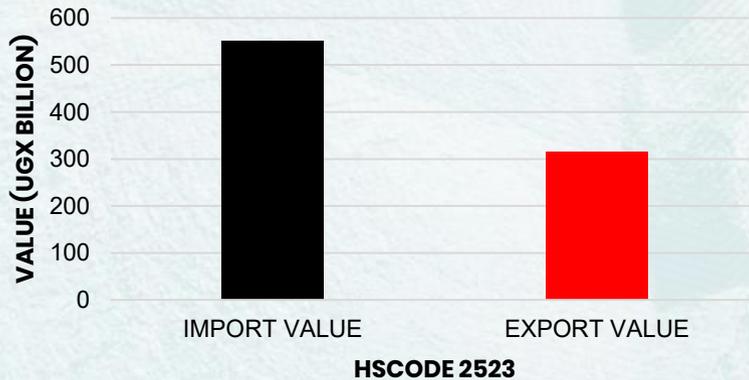
LOCATION

Kapchorwa, Rubirizi, Tororo, Bulambuli and Kabarole Districts

RESOURCES

- Abundant

IMPORTS & EXPORTS FOR POZZOLANA PRODUCTS



IMPORT VALUE

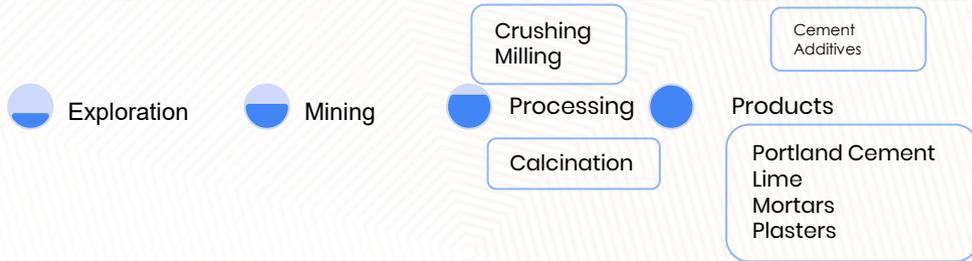
HSCODE 2523: Portland cement, aluminous cement, persulphate cement, etc- UGX 551.62 Billion⁴

EXPORT VALUE

HSCODE 2523: Portland cement, aluminous cement, persulphate cement, etc- UGX 314.28 Billion⁴

GLOBAL MARKET SIZE

USD 65.01 Billion in 2024 projected to reach USD 91.41 Billion by 2032, growing at a CAGR of 4.8% from 2026 to 2032 .

VALUE CHAIN**VALUE ADDITION STATUS**

Cement: Portland Pozzolana Cement: Tororo Cement Limited, Hima Cement Limited, Metro Cement Limited, Kampala Cement Company Limited, Moroto Ateker Cement Company Limited, Simba Cement (National Cement Company Uganda Limited)

MARBLE

Marble consists of calcium carbonate used for decorative purposes, architecture, flooring in sculptures, Tiles, Wall cladding slabs, ceramics, lime, and fillers.

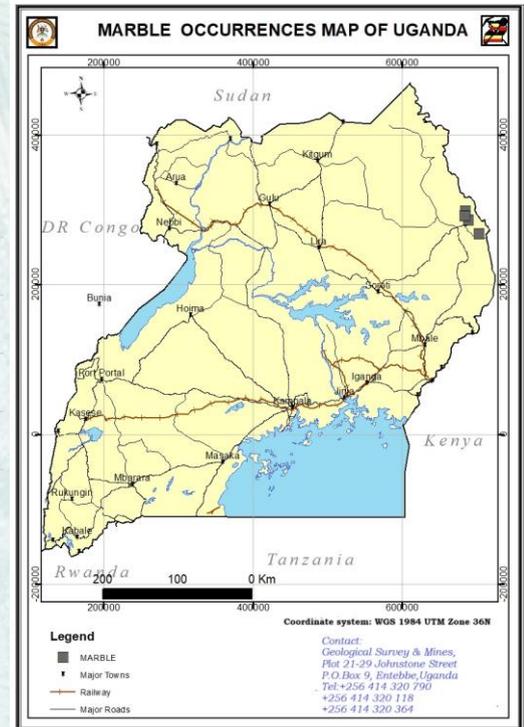
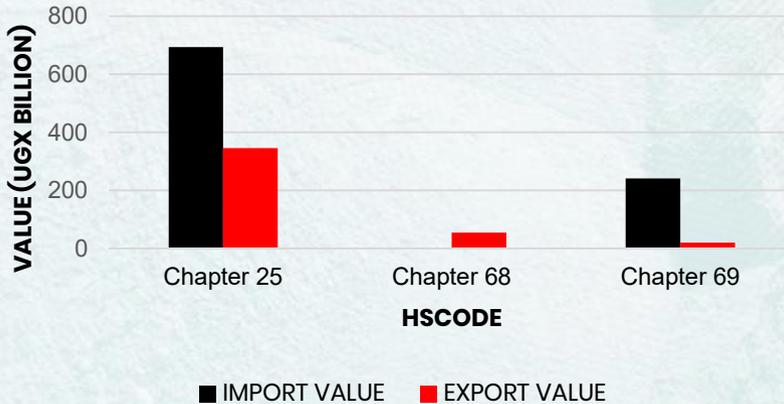
LOCATION

Moroto, Kaabong and Moyo Districts

RESOURCES

- Over 800 Mt in Karamoja Region

IMPORTS & EXPORTS FOR MARBLE PRODUCTS



IMPORT VALUE

HSCODE Chapter 25: Salt; Sulphur; earths and stone; plastering materials, lime and cement- UGX 693.76 Billion

HSCODE Chapter 69: Ceramic products- UGX 241.80 Billion⁴



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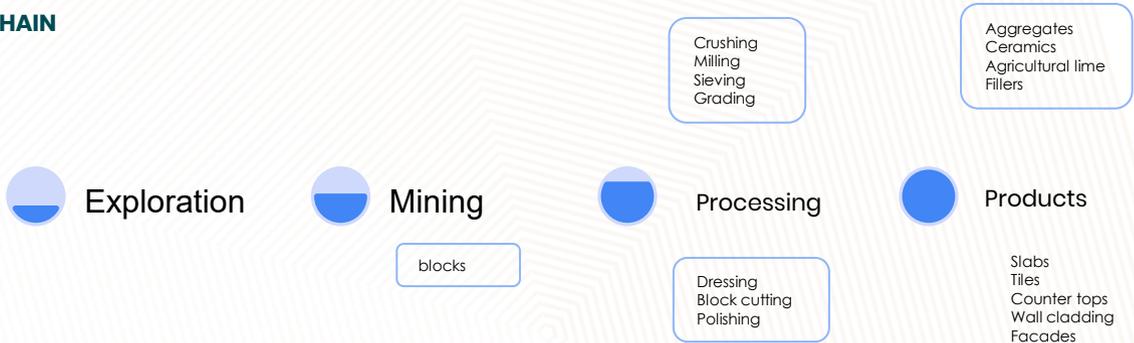
EXPORT VALUE

HSCODE Chapter 25: Salt; Sulphur; earths and stone; plastering materials, lime and cement- UGX 345.35 Billion
 HSCODE Chapter 69: Ceramic products- UGX 20.46 Billion
 HSCODE Chapter 68- Art of stone, plaster, cement, asbestos, mica/sim mat- UGX 54.04 Billion⁴

GLOBAL MARKET SIZE

USD 70.42 billion in 2024 projected to reach USD 92.23 billion by 2030, growing at a CAGR of 4.6% from 2025 to 2030 .

VALUE CHAIN



VALUE ADDITION STATUS

Blocks, Slabs, Counter tops, Tiles etc : Mia Moroto Marble, Sunbelt Marble, Dao Marble mine
 Agriculture Lime: Mia Moroto Marble



GRAPHITE (C)

Graphite is a black soft material used lubricants and batteries.

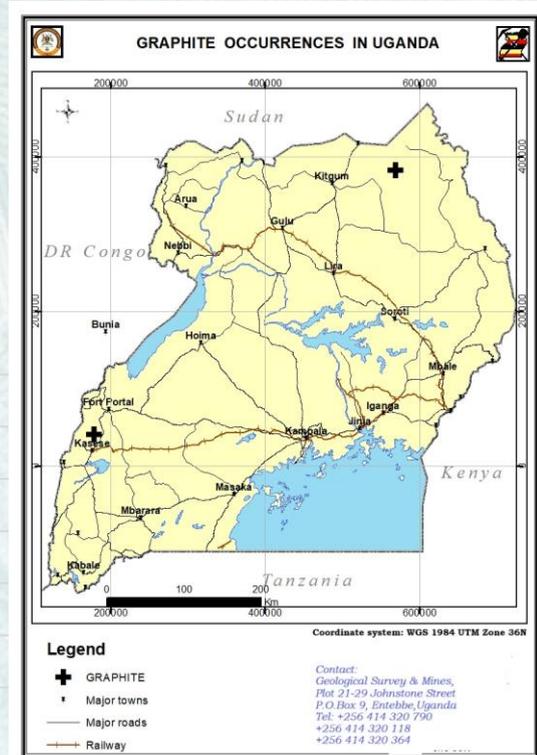
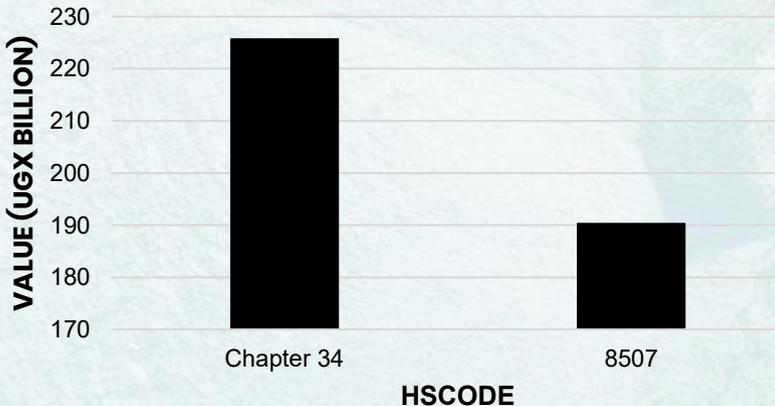
LOCATION

Kitgum District

RESOURCES

- 24.5 Mt measured at 6–8% C in Kitgum district;

IMPORTS FOR GRAPHITE PRODUCTS



IMPORT VALUE

HSCODE Chapter 34: Soap, organic surface-active agents, washing preparations, lubricating preparations, artificial waxes, prepared waxes, polishing or scouring preparations, candles and similar articles, modelling pastes, “dental waxes” and dental preparations with a basis of plaster- UGX 225.83 Billion

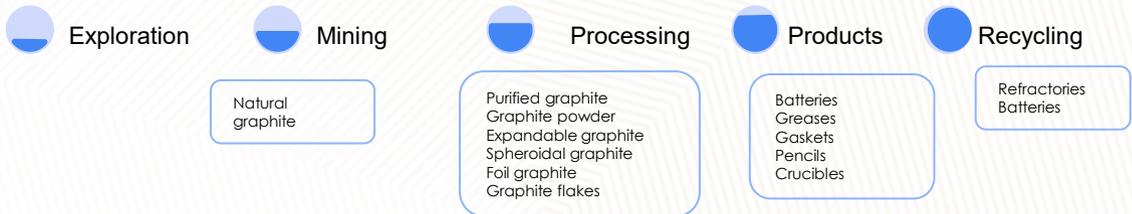
HSCODE 8507: Electric accumulators (incl. Separators therefore)- UGX 190.47 Billion⁴

EXPORT VALUE

N/A

GLOBAL MARKET SIZE

USD 12.55 billion in 2024 and is projected to reach USD 23.87 billion by 2033, growing at a CAGR of 7.6% from 2025 to 2033 .

VALUE CHAIN**VALUE ADDITION STATUS**

Spherical Graphite Powder: Blencowe Resources will produce Spherical Graphite Powder after developing the Orom Cross Project.

Greases: Canadian Oil Refinery & Energy Ltd, Hualong Energy Company Limited

Batteries: Gold Star, Uganda Batteries Limited, Nile Batteries, GOGO, Soleil Power and others

Electric Vehicles: Kiira Motors Corporation

Electric Motorcycles: Zembo, Spiro, GOGO Electric, Redvers, TVS and others

Electric Bikes: Karaa, E-bee and others



COPPER (Cu)

Copper is a good conductor of electricity, which is widely used in electrical applications

LOCATION

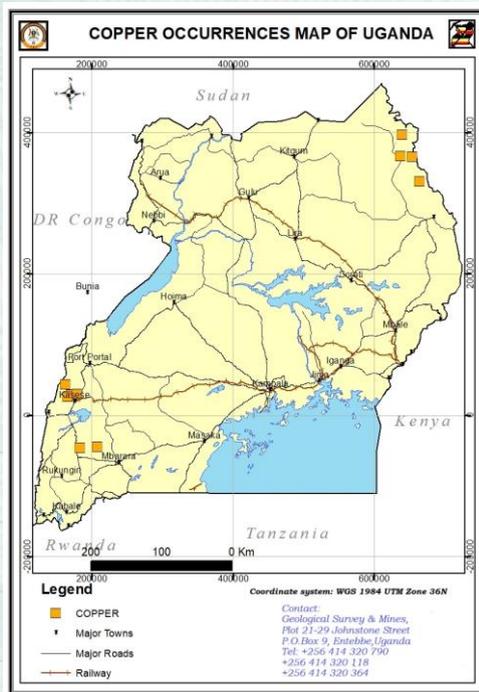
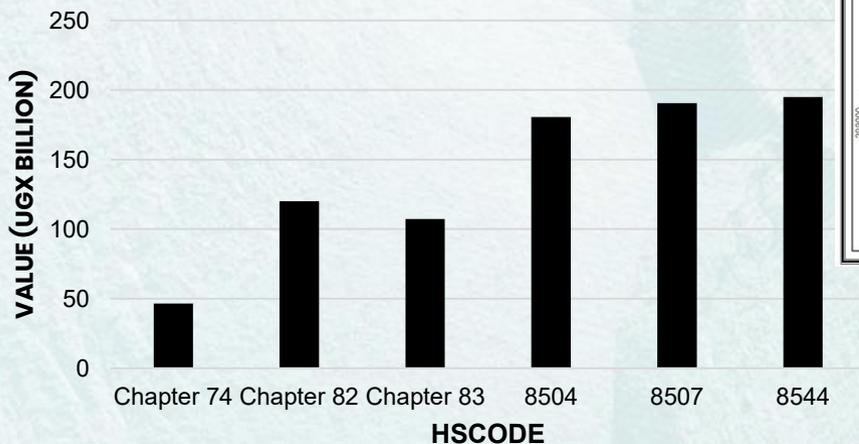
Kaseese, Kotido, Bushenyi and Mbarara Districts

RESOURCES

"In Uganda, the primary ore consists mainly of chalcopyrite, pyrite and pyrrhotite"

- .6.5 Mt at 1.77% grade Cu; at Kilembe
- Other key prospects like Boboong, Kitaka and Kampono require further exploration and evaluation.

IMPORTS FOR COPPER PRODUCTS



IMPORT VALUE

HSCODE Chapter 74: Copper and articles thereof- UGX 46.58 Billion⁴

HSCODE Chapter 82: Tools, implements, cutlery, spoons and forks, of base metal- UGX 119.98 Billion

HSCODE Chapter 83: Miscellaneous articles of base metal- UGX 107.30 Billion

HSCODE 8504: Electrical transformers, static converters and inductors- UGX 180.55 Billion

HSCODE 8507: Electric accumulators (incl. Separators therefor)- UGX 190.47 Billion

HSCODE 8544: Insulated wire, cable, etc; optical fibre cables- UGX 194.88 Billion

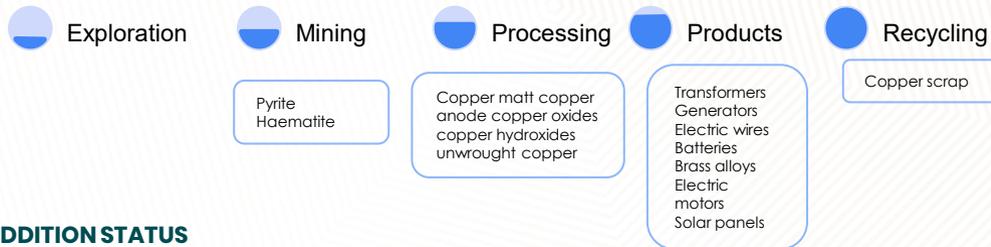
EXPORT VALUE

N/A

GLOBAL MARKET SIZE

USD 241.88 billion in 2024 projected to reach USD 339.95 billion by 2030, growing at a CAGR of 6.5% from 2025 to 2030 .

VALUE CHAIN



VALUE ADDITION STATUS

Copper cathodes: Sarrai Group is redeveloping the Kilembe Mines to produce copper cathodes

Electric Wires: Standard Cable Corporation, Cable Corporation Limited, Total Cables, Hitech Metals Uganda, Neelkanth Cables

Transformers: Electrical Controls & Switchgear (ECS), Steema Transformers & Electricals (U) Ltd, Orion Transformers & Electrics, Level Energy Solutions

Generators: Several companies are dealing in supply of generators and power equipment



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LITHIUM(Li)

Lithium is a metal commonly used for energy storage applications as well as in manufacture of greases, dyes and glass

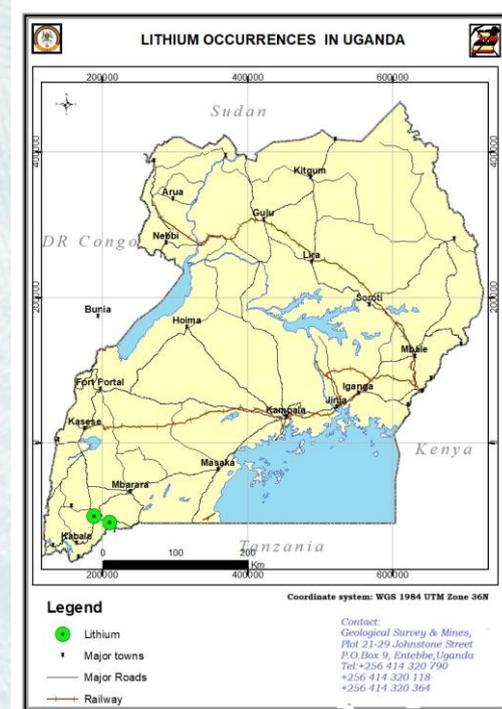
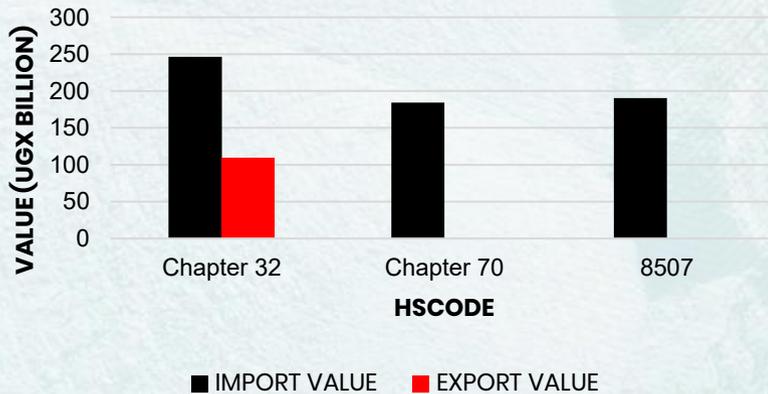
LOCATION

Kabale, Ntungamo, Mukono and Mubende Districts

RESOURCES

- Exploration and evaluation required

IMPORTS & EXPORTS FOR LITHIUM PRODUCTS



IMPORT VALUE

HSCODE Chapter 32: Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colorings matter; paints and varnishes; putty and other mastics; inks- UGX 246.42 Billion⁴

HSCODE Chapter 70: Glass and glassware- UGX 184.34 Billion

HSCODE 8507: Electric accumulators (incl. Separators therefor)- UGX 190.47 Billion

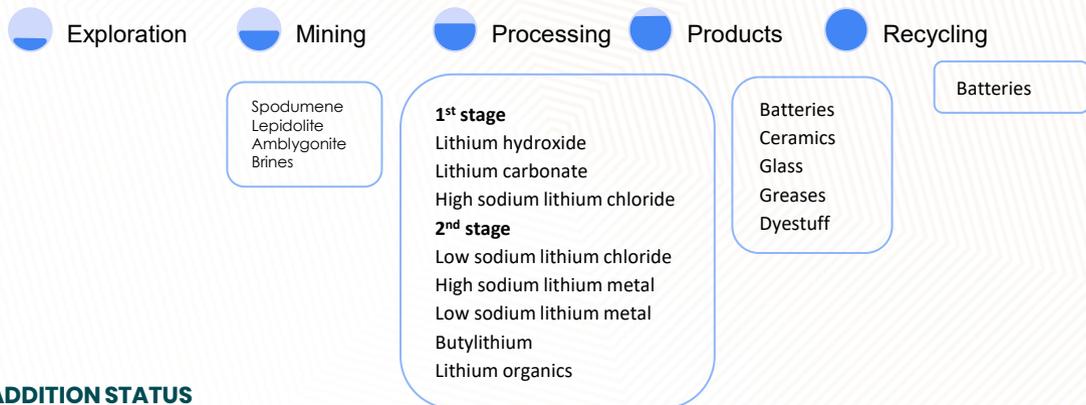
EXPORT VALUE

HSCODE Chapter 32: Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colorings matter; paints and varnishes; putty and other mastics; inks- UGX 109.06 Billion⁴

GLOBAL MARKET SIZE

USD 28.08 billion in 2024 and is projected to reach USD 74.81 billion by 2030, growing at a CAGR of 18.2% from 2025 to 2030 .

VALUE CHAIN



VALUE ADDITION STATUS

Batteries: Gold Star, Uganda Batteries Limited, Nile Batteries, GOGO, Soleil Power and others

Powerbanks from Recycling: RevMake Tech

Smartphones: MiOne U1 and Joy9 Smartphone

Solar panels: Nexus Green is setting up a solar panel manufacturing plant

Electric Vehicles: Kiira Motors Corporation

Electric Motorcycles: Zembo, Spiro, GOGO Electric, Redvers, TVS and others

Electric Bikes: Karaa, E-bee and others

VERMICULITE

Vermiculite is a naturally occurring mineral that is used for insulation, horticulture and fireproofing.

LOCATION

Tororo and Manafwa Districts

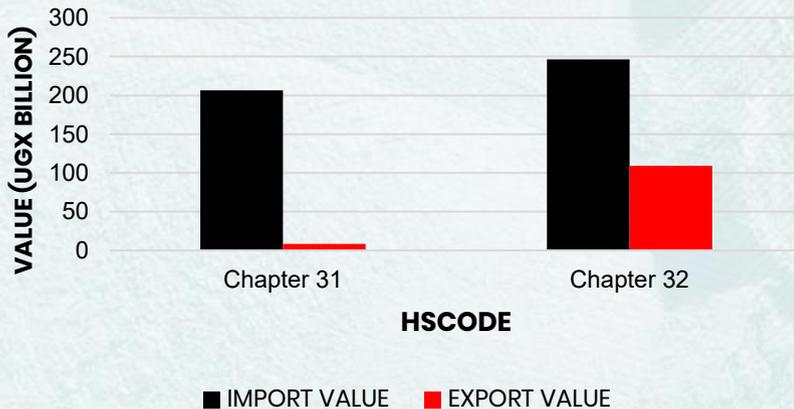
RESOURCES

- 54.9 Mt in Manafwa District

PRODUCTS

Insulation, Fireproof coating, Exfoliants, Potting soil mixtures, Pigments, Soil Conditioners, Fertilizer Carriers, Growing Media, absorbents

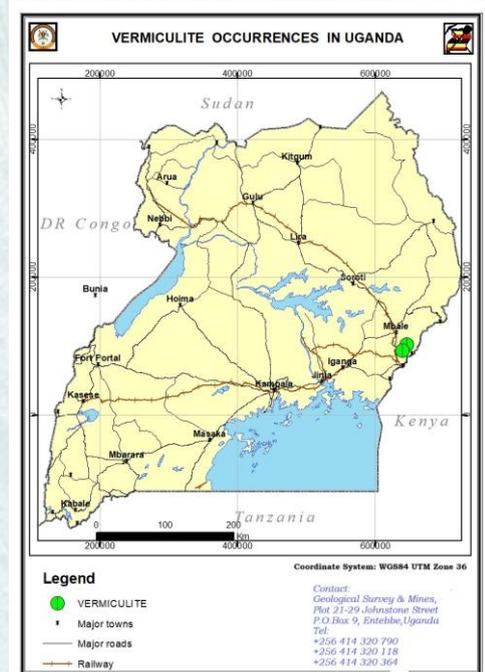
IMPORTS & EXPORTS FOR VERMICULITE PRODUCTS



IMPORT VALUE

HSCODE Chapter 31: Fertilizers- UGX 206.53 Billion⁴

HSCODE Chapter 32: Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colorings matter; paints and varnishes; putty and other mastics; inks- UGX 246.42 Billion



EXPORT VALUE

Vermiculite Exports by Namekara- UGX 8.307 Billion
 HSCODE Chapter 32: Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colorings matter; paints and varnishes; putty and other mastics; inks- UGX 109.06 Billion

GLOBAL MARKET SIZE

USD 2.5 billion in 2023, projected to reach to USD 4.0 billion by 2032, growing at compound annual growth rate (CAGR) of 5.4%

VALUE CHAIN

Exploration



Mining



Processing



Products

Grinding Screening
 Flotation
 Drying
 Exfoliation

Fireproofing
 Sound proofing
 Insulation
 Growing Media
 Absorbents
 Soil Conditioners
 Fertilizer Carriers

VALUE ADDITION STATUS

High quality vermiculite: Namekara Mining Company Limited

Agriculture growing media: Ecolite Minerals

Insulation/Fireproofing: Ecolite Minerals



SALT

This is composed of sodium chloride consumed in food and used in a wide range of industrial applications for manufacture of detergents, paper and dyes.

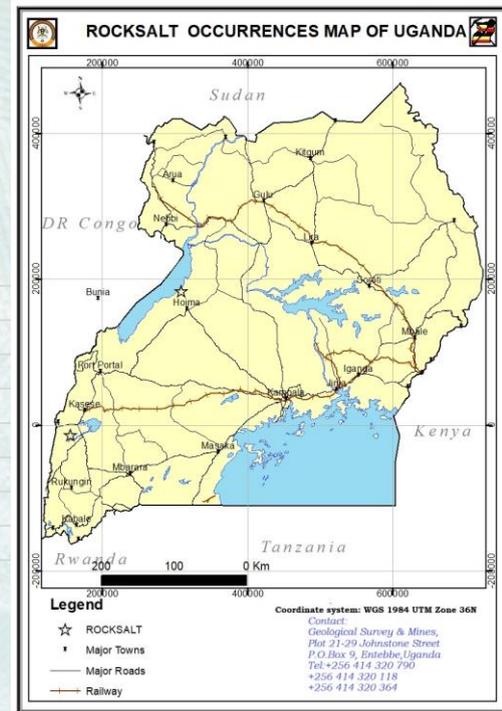
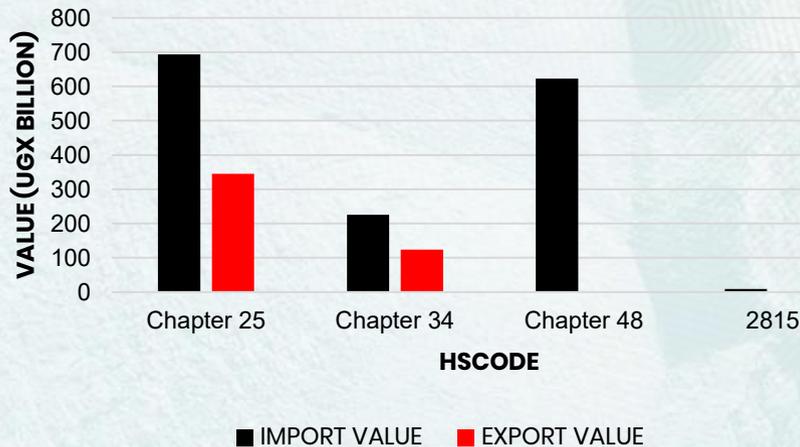
LOCATION

Hoima and Kasese Districts

RESOURCES

- 22 Mt at Kasese District

IMPORTS AND EXPORTS FOR SALT PRODUCTS



IMPORT VALUE

HSCODE Chapter 25: Salt; Sulphur; earths and stone; plastering materials, lime and cement- UGX 693.76 Billion

HSCODE Chapter 34: Soap, organic surface-active agents, washing preparations, lubricating preparations, artificial waxes, prepared waxes, polishing or scouring preparations- UGX 225.83 Billion

HSCODE Chapter 48: Paper and paperboard; articles of paper pulp, of paper or of paperboard- UGX 622.58 Billion

HSCODE 2815: Ammonia in aqueous solution, Sodium hydroxide (caustic soda); potassium hydroxide (caustic potash); peroxides of sodium or potassium- UGX 8.62 Billion

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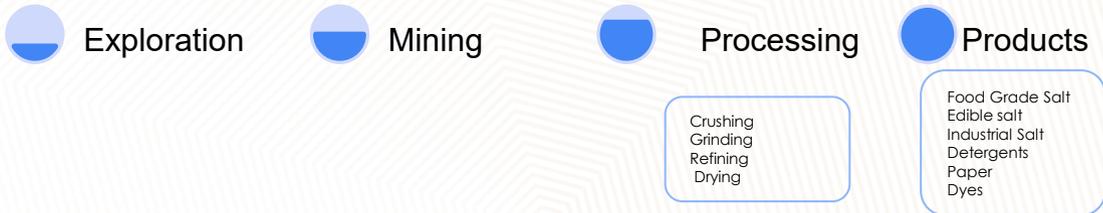
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EXPORT VALUE

HSCODE Chapter 25–Salt; Sulphur; earth & stone; plastering mat; lime– UGX 345.35 Billion⁴
 HSCODE 3401: Soap; organic surface-active products and preparations for use as soap– UGX 123.87 Billion

GLOBAL MARKET SIZE

USD 26.92 billion in 2025 projected to reach USD 36.13 billion by 2032, growing at a CAGR of 4.3% in the period 2025–2032.

VALUE CHAIN**VALUE ADDITION STATUS**

Edible Salt: Kampala Salt

Soap: Movit Products Limited, Mukwano Industries Ltd, Bidco Uganda Ltd, Nile Agro, Madhvani group, Ntake Group of Companies

Detergents: Mukwano Industries Ltd, Bidco Uganda Ltd and others

Paper products like paper rolls, tissues, napkins, Office Paper, Facial tissues, Kitchen towels: Global Paper, Modern Laminates, Ntake Group, Kampala Siti Industries Ltd and several others.

Animal feeds: De Heus, Tunga Nutrition, Grain Pulse, Ugachick and Wellfed Animal Feeds and others.

Livestock Salt lick blocks: Several small plants produce these for the local livestock market.



COBALT (Co)

Cobalt is metal used in special alloys for the aerospace industry, electronics and high-tech industry. Similarly cobalt salts are used in the chemical industry.

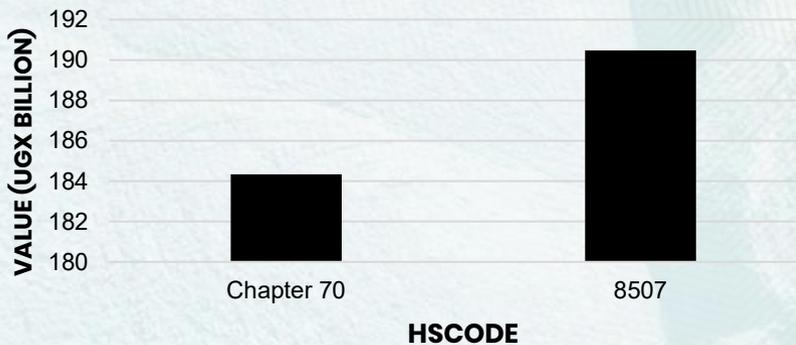
LOCATION

Kasese District

RESOURCES

- 5.5 Mt with grade of 0.17% of cobalt

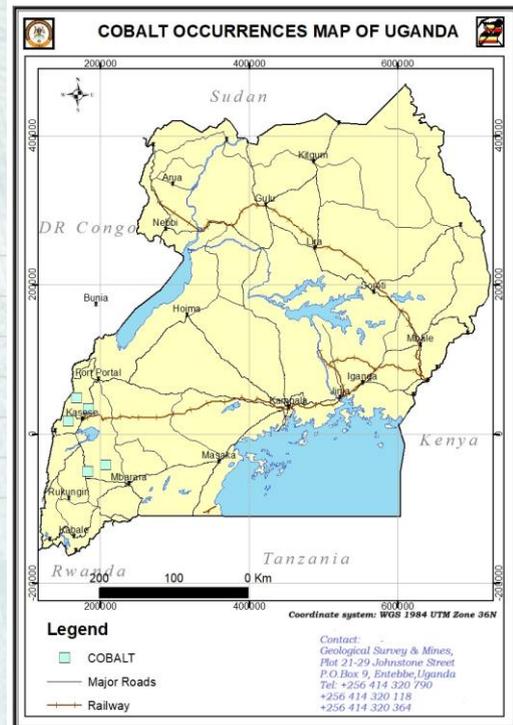
IMPORTS FOR COBALT PRODUCTS



IMPORT VALUE

HSCODE Chapter 70: Glass and glassware- UGX 184.34 Billion

HSCODE 8507: Electric accumulators (incl. Separators therefor)- UGX 190.47 Billion

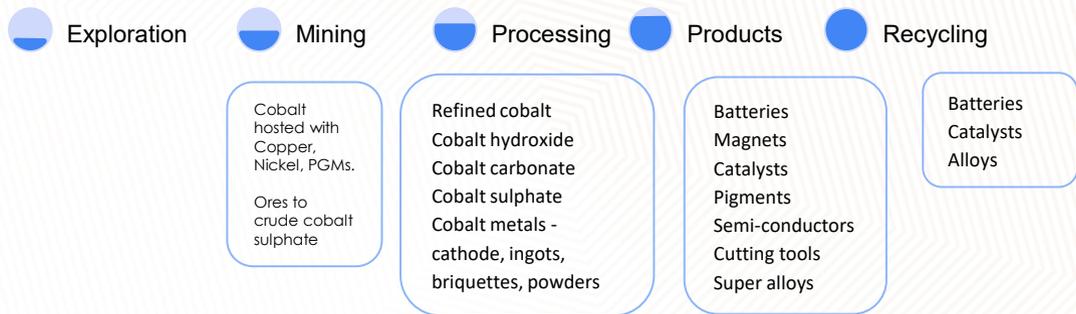


EXPORT VALUE

N/A

GLOBAL MARKET SIZE

USD 16.96 billion in 2024 projected to reach USD 25.91 billion by 2030, growing at a CAGR of 6.7% from 2025 to 2030

VALUE CHAIN**VALUE ADDITION STATUS**

Cobalt metal: The Sarrai Group is redeveloping the Kilembe Mines to produce cobalt metal

Batteries: Gold Star, Uganda Batteries Limited, Nile Batteries, GOGO, Soleil Power and others

Powerbanks from Recycling: RevMake Tech

Smartphones: MiOne U1 and Joy9 Smartphones

Solar panels: Nexus Green is setting up a solar panel manufacturing plant

Electric Vehicles: Kiira Motors Corporation

Electric Motorcycles: Zembo, Spiro, GOGO Electric, Redvers, TVS and others

Electric Bikes: Karaa, E-bee and others

FELDSPAR

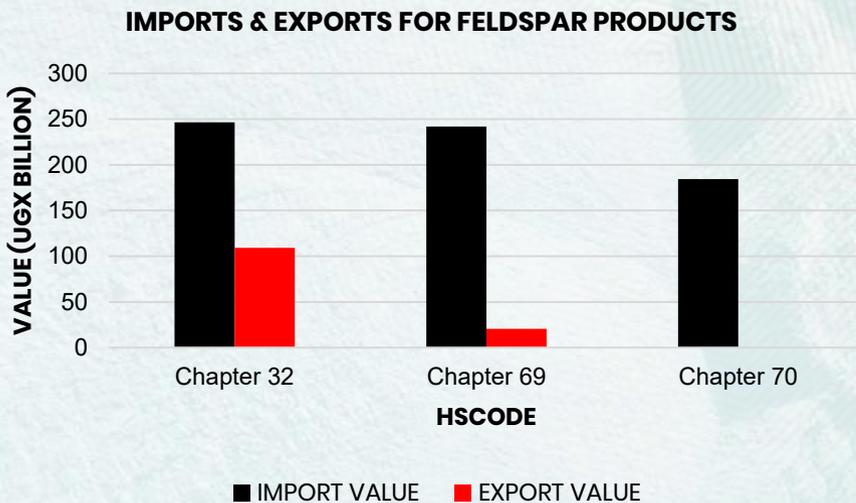
Feldspar is an abundant rock forming mineral commonly used for construction and ceramics.

LOCATION

Kanungu, Rukungiri, Mitooma, Ntungamo and Mukono Districts

RESOURCES

- Exploration and evaluation required



IMPORT VALUE

HSCODE Chapter 32: Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colorings matter; paints and varnishes; putty and other mastics; inks- UGX 246.42 Billion⁴

HSCODE Chapter 69: Ceramic products- UGX 241.80 Billion

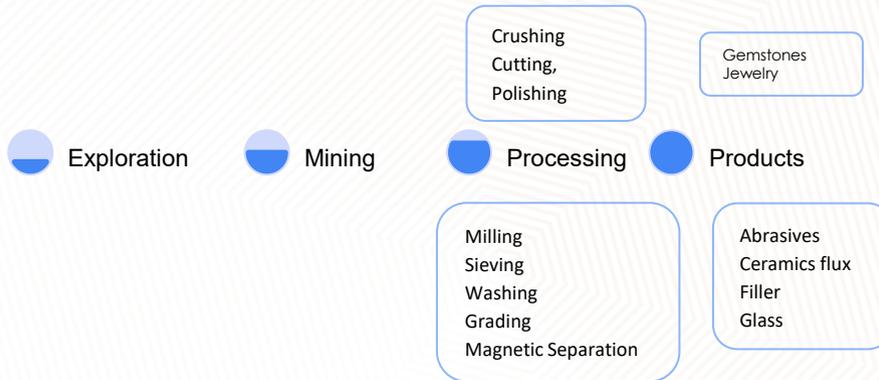
HSCODE Chapter 70: Glass and glassware- UGX 184.34 Billion

EXPORT VALUE

HSCODE Chapter 32: Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colorings matter; paints and varnishes; putty and other mastics; inks- UGX 109.06 Billion⁴

HSCODE Chapter 69: Ceramic products- UGX 20.46 Billion

VALUE CHAIN



VALUE ADDITION STATUS

Ceramics: Goodwill Uganda Ceramic Co. Ltd, Modern Tiles Limited, Uganda Clays Limited, Lweza Clays Ltd and several others

Glass: Modern Glass Impex (U) Ltd, New Way Glass and others

Paints: Kansai Plascon, Global Paints, Crown Berger Uganda Limited, BPC Chemicals Limited, Peacock Paints U Ltd, Basco Products Uganda Ltd, Imperial Paints Uganda, Regal Paints and others

Tile Adhesives: Italtex Limited, Quickset, Superset, Shreeji Chemical Industries among others

KAOLIN

Kaolin is a clay mineral used in ceramics, pottery, paints, coatings and paper production..

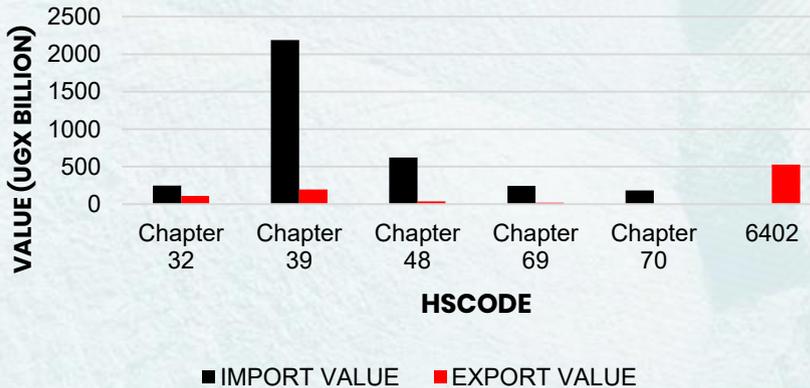
LOCATION

Mitooma, Wakiso and Rakai Districts

RESOURCES

- 2.342 Mt at 19.4% Al_2O_3 of measured reserve of Kaolin at Mutaka, Mitooma District.
- 1 Mt at Kisai (Koki), Rakai district.

IMPORTS & EXPORTS FOR KAOLIN PRODUCTS



IMPORT VALUE

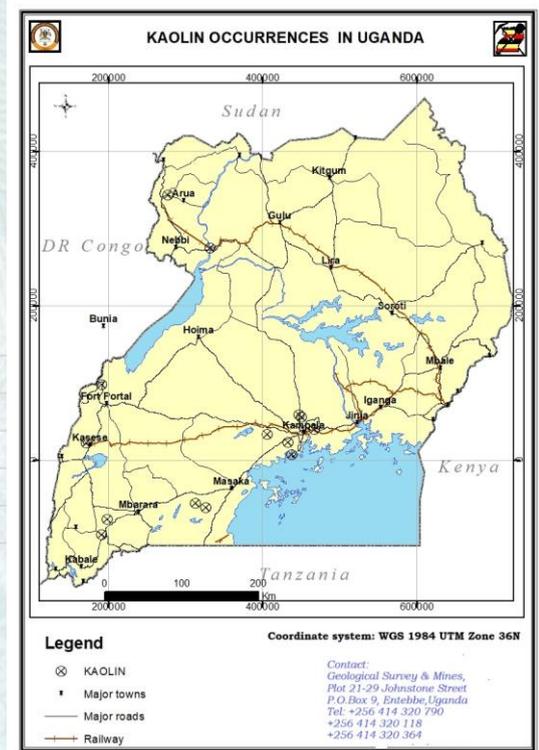
HSCODE Chapter 32: Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colorings matter; paints and varnishes; putty and other mastics; inks- UGX 246.42 Billion⁴

HSCODE Chapter 39: Plastics and articles thereof- UGX 2,186.80 Billion

HSCODE Chapter 48: Paper and paperboard; articles of paper pulp, of paper or of paperboard- UGX 622.58 Billion

HSCODE Chapter 69: Ceramic products- UGX 241.80 Billion

HSCODE Chapter 70: Glass and glassware- UGX 184.34 Billion



EXPORT VALUE

HSCODE Chapter 32: Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colorings matter; paints and varnishes; putty and other mastics; inks- UGX 109.06 Billion⁴

HSCODE Chapter 39: Plastics and articles thereof- UGX 196.39 Billion

HSCODE Chapter 48: Paper and paperboard; articles of paper pulp, of paper or of paperboard- UGX 37.43 Billion

HSCODE Chapter 69: Ceramic products- UGX 20.46 Billion

HSCODE 6402: Other footwear with outer soles and uppers of rubber or plastics- UGX 526.46 Billion

GLOBAL MARKET SIZE

USD 3,978.3 million in 2023 and is projected to reach USD 5,202.8 million by 2030, growing at a CAGR of 3.9% from 2024 to 2030 .

VALUE CHAIN



VALUE ADDITION STATUS

Ceramics: Goodwill Uganda Ceramic Co. Ltd, Modern Tiles Limited, Uganda Clays Limited, Lweza Clays Ltd and several others

Paints: Kansai Plascon, Global Paints, Crown Berger Uganda Limited, BPC Chemicals Limited, Peacock Paints U Ltd, Basco Products Uganda Ltd, Imperial Paints Uganda, Regal Paints and several others.

Tile Adhesives: Italtex Limited, Quickset, Superset, Shreeji Chemical Industries among others

Paper products like paper rolls, tissues, napkins, Office Paper, Facial tissues, Kitchen towels: Global Paper, Modern Laminates, Ntake Group, Kampala Siti Industries Ltd and several others

Plastics: Luuka Plastics, Mukwano Industries, Nice House of Plastics, Smileplast, Nile Agro Industries, Crestanks Ltd, Roofings Group and several others

GLASS SAND (SILICA SAND)

Silica sand is a naturally occurring mineral with fine particles usually deposited along lake shores used for construction or manufacturing of glass, ceramics and refractories.

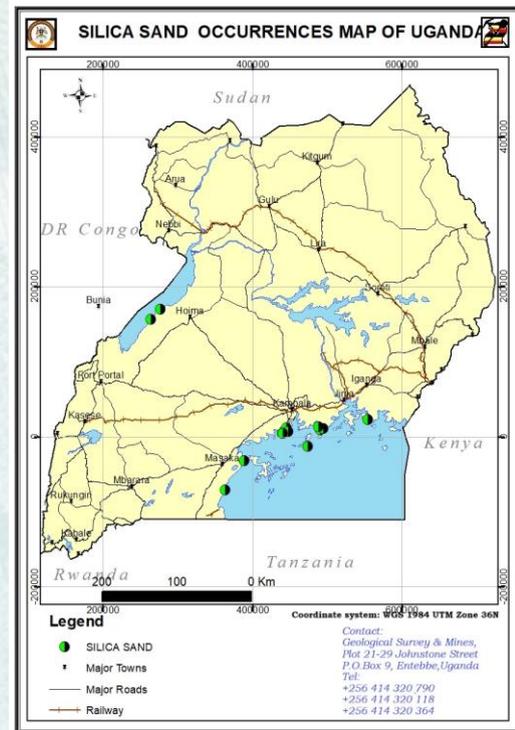
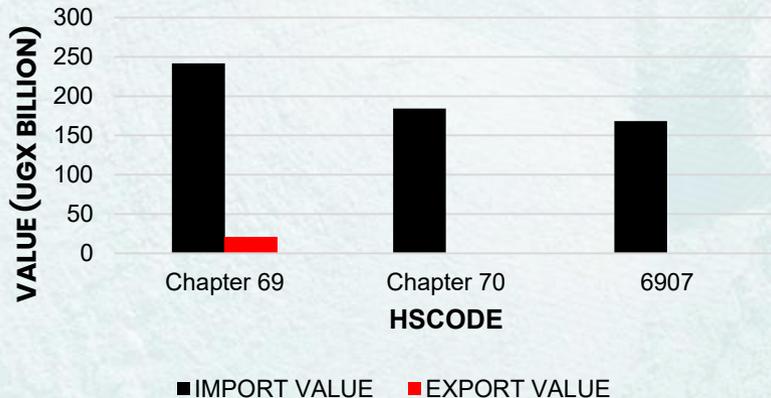
LOCATION

Masaka, Kalungu and Mukono Districts

RESOURCES

- 2 Mt at Dimu and Bukakata at 99.93% SiO₂
- 9.9 Mt indicated at Malembo at 98% SiO₂.
- Other key prospects like 99.95% SiO₂ discovered at Kome islands require further exploration and evaluation

IMPORTS & EXPORTS FOR GLASS SAND PRODUCTS



IMPORT VALUE

HSCODE Chapter 69: Ceramic products- UGX 241.80 Billion

HSCODE Chapter 70: Glass and glassware- UGX 184.34 Billion⁴

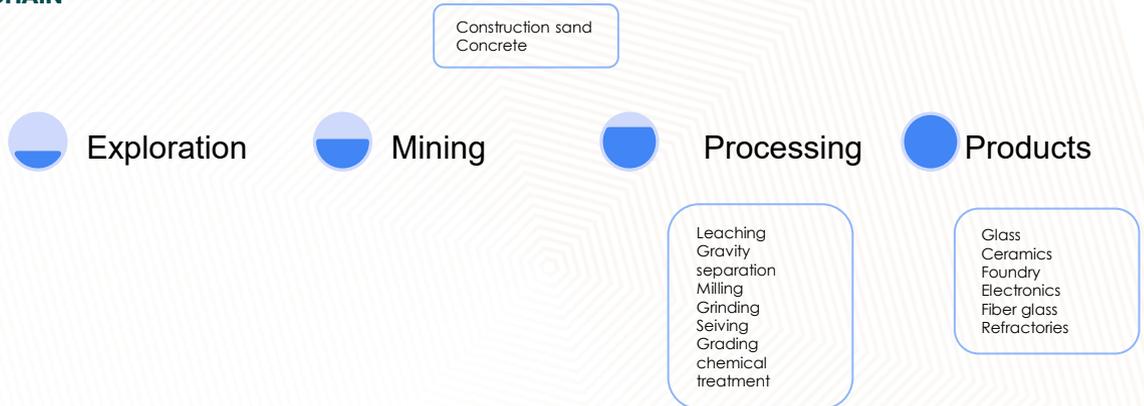
HSCODE 6907: Unglazed ceramic flags, paving, hearth or wall tiles; mozaic cubes, etc- UGX 168.45 Billion

EXPORT VALUE

HSCODE Chapter 69: Ceramic products– UGX 20.46 Billion

GLOBAL MARKET SIZE

USD 165.75 Billion in 2024 projected to reach USD 252.52 Billion by 2034 growing at a CAGR of 4.30% between 2025 and 2034

VALUE CHAIN**VALUE ADDITION STATUS**

Ceramics: Goodwill Uganda Ceramic Co. Ltd, Modern Tiles Limited, Uganda Clays Limited, Lweza Clays Ltd and several others

Glass

Smartphones

Computers, laptops and tablets

Televisions



GRANITE

Granite is a decorative stone commonly used in the construction industry for making slabs, tiles and counter tops.

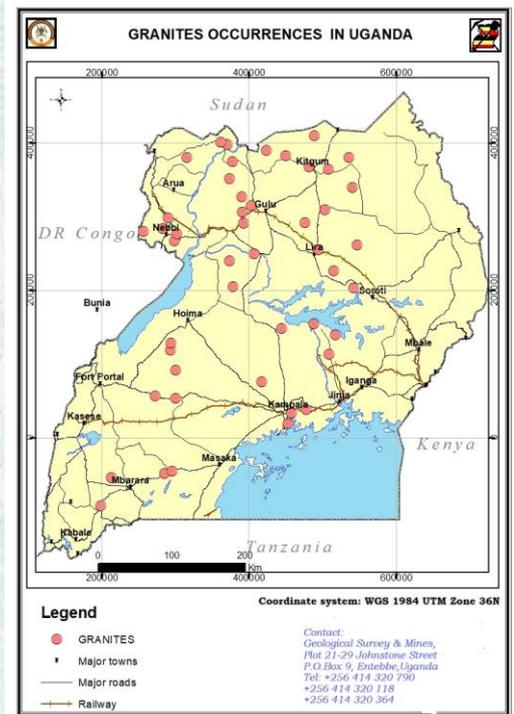
LOCATION

Mbarara, Mubende, Luwero, Kisoro and Mukono Districts

RESOURCES

- Abundant. Evaluation required

IMPORTS & EXPORTS FOR GRANITE PRODUCTS



IMPORT VALUE

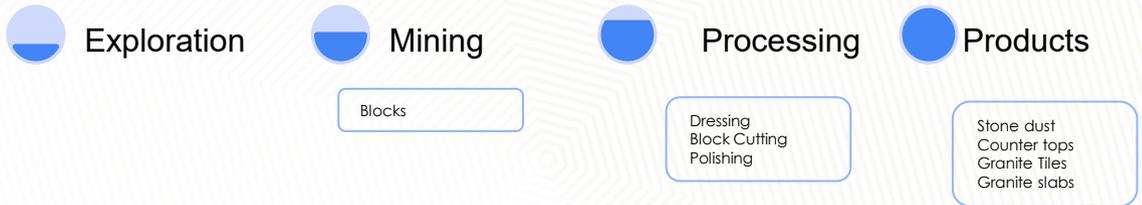
HSCODE chapter 68: Articles of stone, plaster, cement, asbestos, mica or similar materials- UGX 63.86 Billion⁴

EXPORT VALUE

HSCODE Chapter 68-Art of stone, plaster, cement, asbestos, mica/sim mat- UGX 54.04 Billion⁴

GLOBAL MARKET SIZE

USD 4.03 billion in 2024 projected to reach USD 6.42 billion by 2033, growing at a CAGR of 5.4% from 2025 to 2033

VALUE CHAIN**VALUE ADDITION STATUS**

Granite Products like granite Tiles, Counter tops, Railings, Slabs: Shining rock granite, Universal Granites and Marble Limited



GEMSTONES

Gemstones are precious stones that are extremely beautiful with vibrant colors, able to refract or disperse light.

LOCATION

Karamoja region, Central region, South Western region, West Nile region,

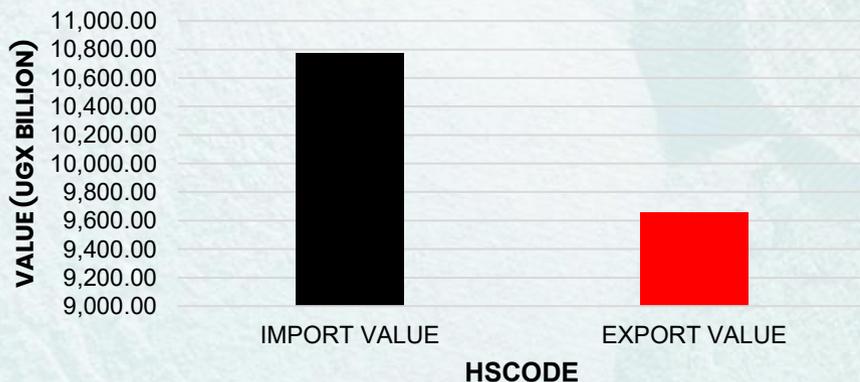
RESOURCES

Unknown

• **Apatite, Beryl – emerald, aquamarine, Corundum (Ruby, Blue Sapphire), Fluorite, Garnet, Opal, Quartz (Amethyst, Rose), Topaz, Tourmaline, and Zircon Unknown**



IMPORTS & EXPORTS FOR GEMSTONES



IMPORT VALUE

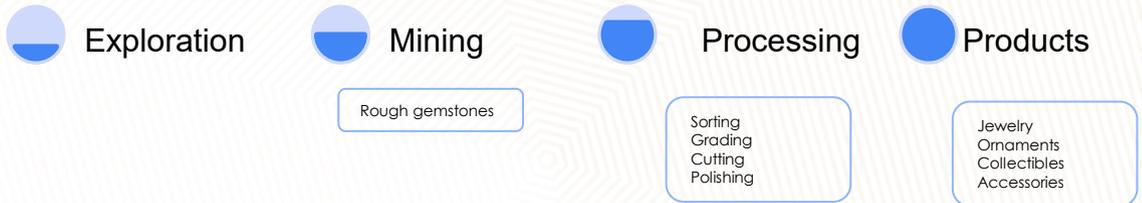
HSCODE chapter 71: Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewelry; coin- UGX 10,773.40 Billion⁴

EXPORT VALUE

HSCODE 7108: Natural/cultured pearls, precious stones & metals, coin etc-UGX 9,658.70 Billion⁴

GLOBAL MARKET SIZE

USD 10497.70 million in 2024 projected to reach USD 14951.25 million by 2032, growing at a compound annual growth rate (CAGR) of 4.52% from 2024 - 2032

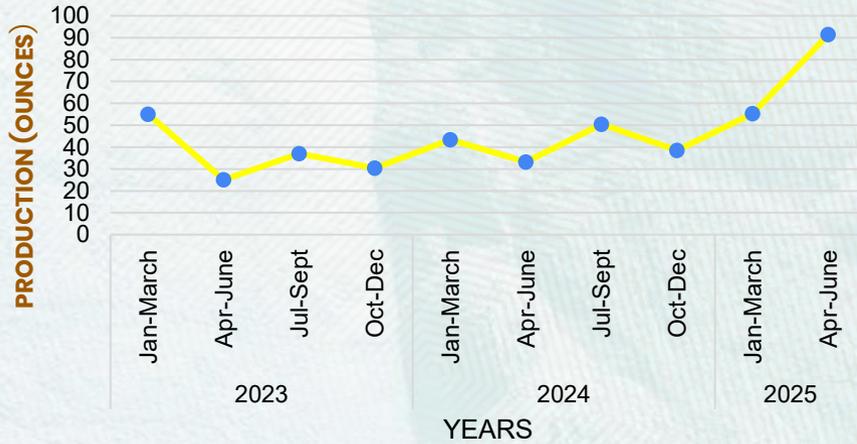
VALUE CHAIN**VALUE ADDITION STATUS**

Jewelry and ornamental products: African Alchemy and Hummerston Minerals Ltd have set up facilities for cutting, grinding, polishing rough gemstones to produce jewelry and ornaments.

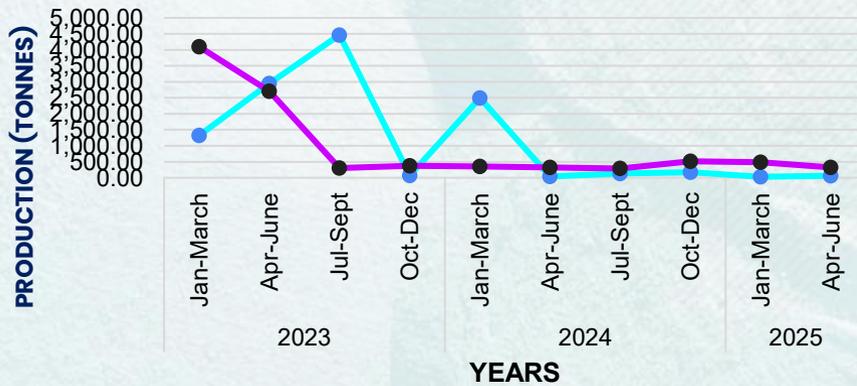


UGANDA'S MINERAL PRODUCTION STATISTICS

GOLD PRODUCTION

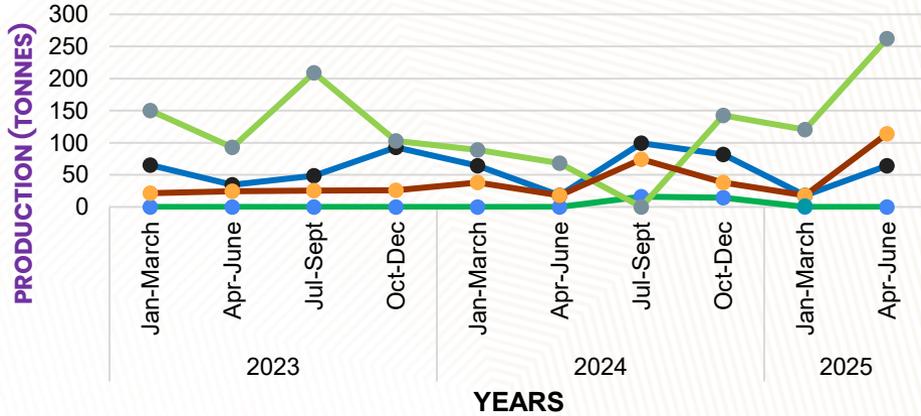


KAOLIN AND MARBLE PRODUCTION



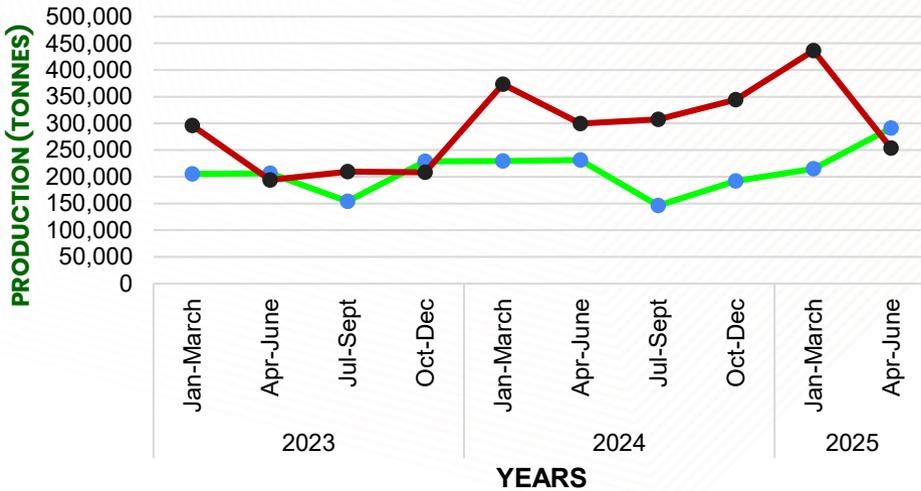
● Kaolin ● Marble

UGANDA'S MINERAL PRODUCTION STATISTICS
BENTONITE, DIMENSION STONE, FELDSPAR, GRANITE,
GRAPHITE PRODUCTION



● Bentonite ● Dimension Stone ● Feldspar ● Granite ● Graphite

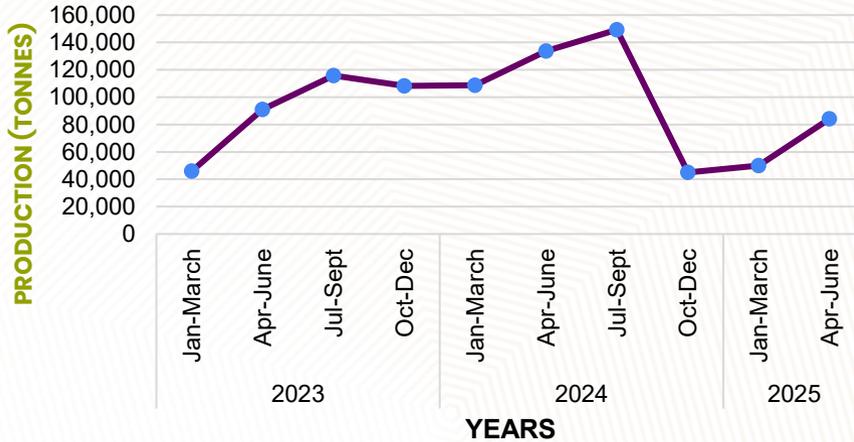
LIMESTONE AND POZZOLANA PRODUCTION



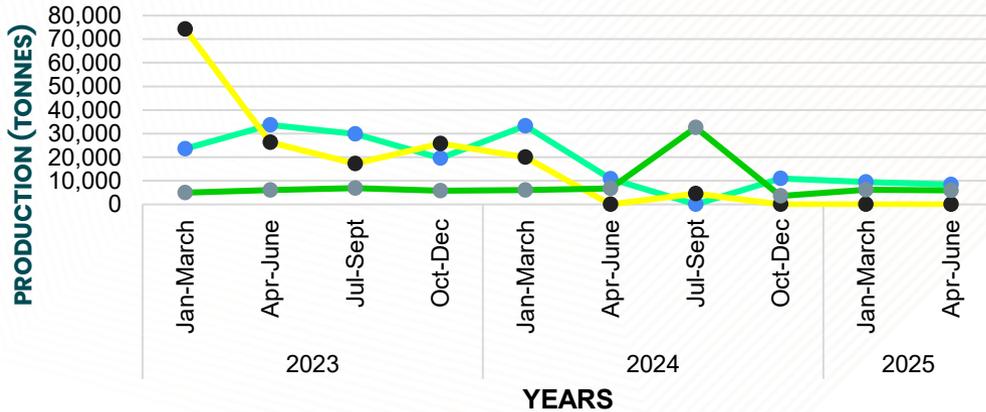
● Limestone ● Pozzolana

UGANDA'S MINERAL PRODUCTION STATISTICS

IRON ORE PRODUCTION



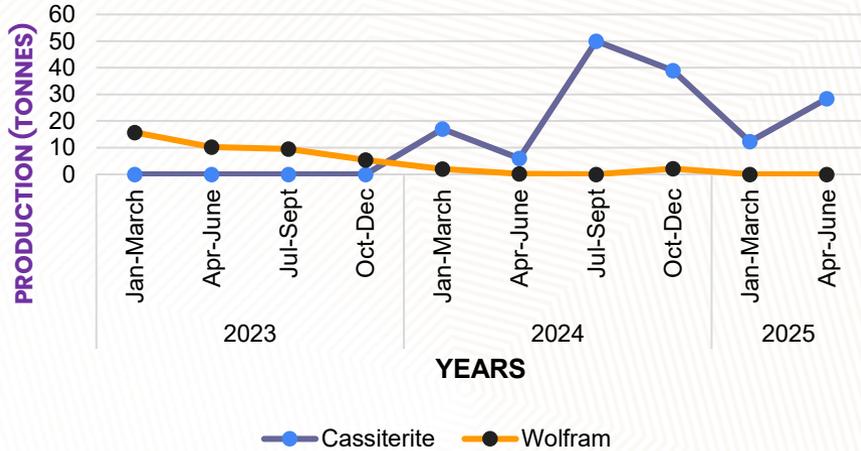
AGGREGATE, VOLCANIC ASH AND VERMICULITE PRODUCTION



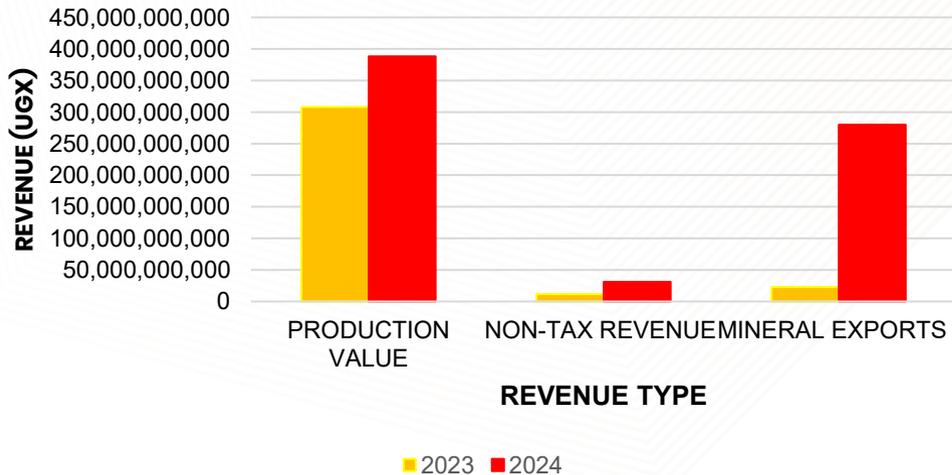
● Syenitic Aggregate
 ● Volcanic Ash
 ● Vermiculite

UGANDA'S MINERAL PRODUCTION STATISTICS

CASSITERITE AND WOLFRAM PRODUCTION



MINERALS REVENUE CONTRIBUTION 2023 AND 2024



OPPORTUNITIES IN SCIENCE, TECHNOLOGY AND INNOVATION



The National E-Mobility Strategy outlines a rapidly growing fleet of 24 Kayoola electric buses, 16 fast chargers, Kiira Motors Corporation Vehicle Plant for electric vehicle manufacturing with an installed capacity of 2,500 vehicles/year and over 1,500 electric motorcycles with over 100 battery swapping stations.

This has spurred local lithium-ion battery assembly, promoted production of auxiliary batteries, electronics & semiconductors, wires & wiring harnesses, tyres & tubes, automotive paints, filters and automotive lubricants among others which are estimated to create over 500,000 green jobs.

With an earmarked Mobility Industrial & Technology Park (MITP) as well as a 65% target of localizing the E-mobility value chain, this will create opportunities for mineral-based downstream industries or utilization of natural resources including;

- iron ore for automotive steel
- silica sand for glass;
- rare earth elements for glass glazing, catalytic converters, batteries, electronics;
- graphite for brake pads;
- oil for plastics;
- cobalt & lithium for batteries;

- kaolin, marble and vermiculite for paint;
- Tungsten, columbite, chromite and titanium for metal alloys;
- copper for auto electric conductors and motors etc.

Efforts in localizing the battery value chain

GOGO Electric

GOGO designs, assembles and integrates batteries with a current production capacity of 1,500 batteries per year targeted to reach 50,000 by 2024 and 150,000 by 2026.

Soleil Power

Soleil Power designs, produces and assembles lithium-ion batteries as well as energy storage system solutions. Currently the company is building the first dedicated production-scale lithium-ion battery pack assembly plant in East Africa with an initial annual capacity of 14,000 to 20,000 batteries.

The Uganda Industrial Research Institute is a regional center of excellence that has created innovative products that are ready for commercialization, done extensive research and transferred knowledge/skills through trainings spearheaded by the Minerals and Materials Engineering Unit and is enhancing the development of minerals value chains.

Uganda's digital innovation ecosystem has led to breakthroughs in electronics manufacturing and assembly, which could present future opportunities when these supply chains are localized.

SUSTAINABILITY IN UGANDA'S MINING SECTOR

The National Environment Act Chapter 181 of the Laws of Uganda recognizes the right to a clean and healthy environment as well as responsible stewardship of natural resources for sustainable and inclusive development. The Mining and Minerals Act Cap. 159 adopts environmental principles and requires all actors to adhere to safeguards for sustainability and environmental management.

The country has domesticated the ICGLR Regional Certification Mechanism of 3TG (Tin, Tantalite, Tungsten and Gold) to enhance transparency and traceability in the conflict minerals supply chains. ICGLR has issued a set of 11 guidelines on mineral value addition in the region

In addition, Uganda joined the Extractives Industry Transparency (EITI) Initiative in 2020 steered by the Uganda EITI (UGEITI) Multi Stakeholder Group in order to enhance transparency in the extractives sector where 3 annual country reports have been published and validated.

The country ratified the African Mining Vision, which aims for equitable exploitation of mineral resources through tools such as the African Minerals and Energy Resources Classification and Management System (AMREC) and the Pan African Resource Reporting Code (PARC). In addition, Uganda's Energy Transition Plan, published in 2023, is aligned to the Africa Green Minerals Strategy and the African Continental Free Trade Area (AfCFTA) which presents opportunities for integration of regional value chains.

This sector employs a large number of Artisanal and Small-scale Miners (ASM) who extract and process various minerals like gold, 3Ts, development minerals, among others. Currently 6,884 artisanal miners have been registered. ASMs in Uganda are organised into Associations and Cooperatives including under an umbrella organization the Uganda Association of Artisanal and Small-scale Miners (UGAASM) which advocates for inclusive development of the country's mining sector.



SUSTAINABILITY IN UGANDA'S MINING SECTOR

Development partners including the UNDP, Planet Gold, GIZ, Enabel, and several civil society organisations have facilitated the following initiatives, however, there are still several opportunities;

- Policy dialogue
- Formalisation through formation of cooperatives and associations,
- Access to finance,
- Access to technology/centralised mineral beneficiation centers for mineral value addition
- Exposure or benchmarking visits
- Trainings on sustainable mining practices, business development, health and safety, domestic violence, human rights
- Market linkages through sponsorships for targeted exhibitions

Circularity efforts

- RevMake Tech recycles batteries from laptops and smartphones to make power banks
- Uganda Batteries Limited takes care of old spent batteries, buying them from users and recycling them to recover lead.
- Tembo Steels has an integrated plant that can recycle iron and steel

As the global demand for minerals escalates while mine production lags behind, opportunities for recycling gold, silver, nickel, copper, cobalt, chromium, aluminum, zinc, lithium and rare earth elements are unfolding.

- **The information provided in this book is not a substitute for professional advice thus readers are encouraged to contact the relevant authorities for further information**
- **The value addition status is not exhaustive where there exist several players in a market segment but intended to illustrate the current state of affairs**
- **Actual production statistics may be higher due to informal mining activities for certain commodities**

² Regional Guidelines on Mineral Beneficiation, Value Addition & Cross-Border Trade in the Great Lakes Region.

³ source: Ministry of Energy and Mineral Development, Mines department BRASM Tracker as at August 2025

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Unearthing Uganda's Mineral Wealth



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Mineral Development Programme



Mining Cadastre Map Portal



Geological Mineral Information System



Mining Cadastre Portal Registration



Uganda National Mining Company Limited



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A GUIDE TO INVESTMENT