



# LIBERIA WEST AFRICA

## Liberia Mining Investment Opportunities

Strategic Partnership Opportunities for U.S. Mining Companies and  
Institutional Investors in West Africa's Emerging  
Critical Minerals Hub

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# Executive Summary

## Investment Focus

Liberia presents unprecedented opportunities for U.S. mining companies to access untapped critical mineral reserves including lithium, cobalt, iron ore, and rare earth elements essential for clean energy transitions and technological advancement.

This presentation outlines specific investment pathways, regulatory frameworks, and strategic opportunities for establishing profitable mining operations while contributing to Liberia's economic transformation under the ARREST Agenda.

## Strategic Advantage

First-mover positioning in an under-penetrated market with world-class mineral endowments, competitive operational costs, and direct government facilitation through streamlined regulatory processes.



# Why Liberia: Strategic Context

## ARREST Agenda

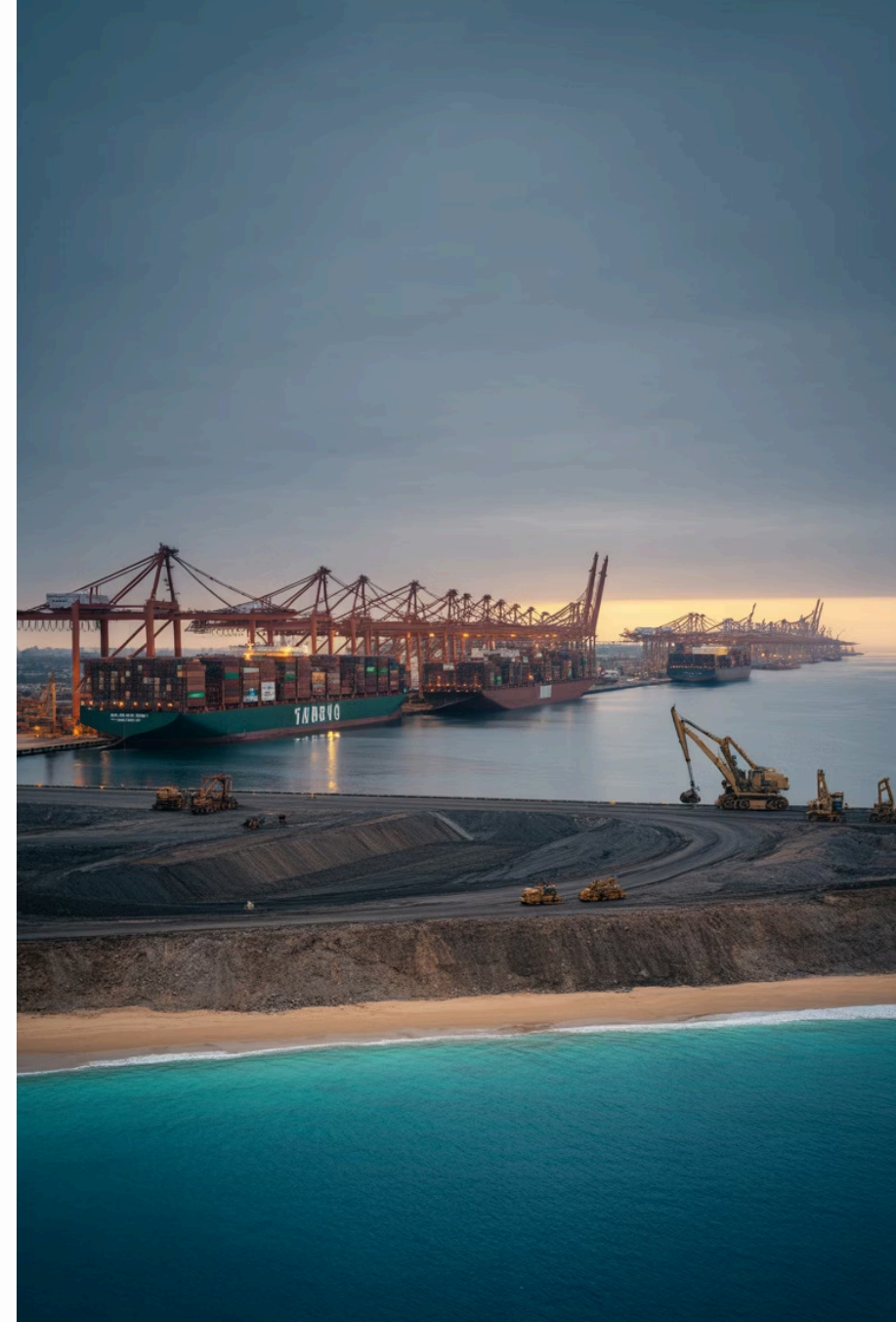
Government commitment to Agriculture, Roads, Rule of Law, Education, Sanitation, and Tourism drives comprehensive economic development with mining as a cornerstone sector.

## Untapped Resources

Vast mineral deposits, forestry assets, fisheries, agricultural potential, and offshore oil reserves remain largely undeveloped due to historic underinvestment.

## Pro-Investment Climate

AGOA duty-free access, ECOWAS regional integration, AfCFTA participation, and targeted investment incentives create favorable conditions for U.S. companies.



# Liberia's Geological Endowment: Detailed Mineral Portfolio

## Iron Ore

- **Mount Nimba, Nimba County:** Significant deposits of high-grade hematite (>60% Fe), estimated at over 1 billion tonnes. Geologically, these are hosted within Archean banded iron formations (BIFs) of the West African Craton. ArcelorMittal Liberia currently operates the Yekepa mine in this region, with plans for expanded production of up to 30 million tonnes per annum (Mtpa) of concentrate.
- **Bomi Hills, Bomi County:** Historically significant deposits, predominantly magnetite and hematite, with reported grades between 35-50% Fe. Resources here are estimated to be in the hundreds of millions of tonnes within Archean BIFs. Production was previously carried out by Liberia Mining Company (LMC).
- **Wologisi Range, Lofa County:** Large inferred resources of iron ore, primarily hematite and magnetite, hosted in Archean BIFs. Estimated resources exceed 2 billion tonnes at an average grade of 30-40% Fe, with potential for beneficiation to higher grades.
- **Western and Central Regions:** Various other deposits, including Bong Mine (Bong County), where China Union has operated, targeting lower-grade BIFs with significant tonnage.

## Gold

- **New Liberty Gold Mine, Grand Cape Mount County:** Operated by Avesoro Resources (now MNG Gold), this is Liberia's first commercial gold mine, targeting shear-zone hosted mesothermal gold deposits within Archean greenstone belts. Production figures have historically varied, with reported reserves of approximately 8.7 Mt grading 3.4 g/t Au (for 950,000 ounces).
- **Kojou, Cestos, and Dugbe Projects:** Hummingbird Resources holds concessions with indicated resources at Kojou. Exploration continues across Grand Gedeh, Sinoe, River Cess, and Lofa counties, primarily targeting both alluvial and primary (quartz vein-hosted) gold occurrences within the Man Shield complex.
- **Artisanal Mining:** Prevalent across numerous counties, contributing significantly to overall gold output, though official figures are challenging to ascertain.

## Diamonds

- **Alluvial Deposits:** Widely distributed in river systems, particularly in Lofa, Nimba, Grand Gedeh, Gbarpolu, and Bong counties. These are primarily derived from weathered kimberlite sources.
- **Kimberlite Sources:** Several kimberlite pipes and dykes have been identified, notably in the Weasua region (Lofa County) and the Gbapa area (Nimba County). These primary sources remain largely unexploited on a large commercial scale, with exploration ongoing to delineate economic kimberlite-hosted deposits.
- **Production:** Dominated by artisanal and small-scale mining, with historical official production fluctuating based on global demand and regulatory frameworks.

## Lithium

- **Pegmatite Occurrences:** Confirmed presence of lithium-bearing pegmatites within the Archean terranes of the West African Craton. Significant exploration attention is focused on areas like the Mount Coffee and Buchanan-Greenville geological trends.
- **Specific Deposits:** Early-stage exploration has identified several pegmatite swarms, with initial sampling indicating anomalous lithium values. Further drilling and resource definition are required to establish confirmed economic reserves, but the geological setting is highly prospective for spodumene-rich deposits.

## Rare Earth Elements (REE)

- **Carbonatite Complexes:** Exploration targets include alkaline intrusive complexes and carbonatites, particularly in regions like the Wologisi Range and potentially associated with other ultrabasic intrusions. These geological settings are known hosts for light and heavy rare earth elements (e.g., Neodymium, Praseodymium, Dysprosium).
- **Monazite and Zircon:** Potential for REE-bearing minerals such as monazite and zircon in alluvial and beach sands, particularly along the coast.

## Bauxite

- **Goe-Fantro Deposit, Grand Bassa County:** Known occurrences of lateritic bauxite deposits, indicating potential for commercial exploitation. Geological surveys have identified these resources, though detailed reserve estimates and economic viability studies are required for large-scale development.

## Other Critical Minerals

- **Manganese and Nickel:** Often associated with the extensive greenstone belts and BIFs, particularly in Nimba and Bong counties. While not primary targets, these can occur as co-products or in distinct mineralization zones.
- **Cobalt and Copper:** Limited, but present in some geological settings, typically associated with base metal sulfide mineralization in shear zones or mafic intrusions within the Archean and Proterozoic terrains.

# Liberty Corridor: Infrastructure Gateway

The Liberty Corridor represents Liberia's most promising opportunity to become a regional logistics hub and mineral export gateway. This strategic infrastructure project will connect high-value iron ore deposits in Nimba and Grand Bassa counties directly to Buchanan Port, extending trade routes into Guinea and establishing Liberia as West Africa's premier mining logistics center.

## Phase 1: Mine Development

Rehabilitation and scaling of existing iron ore operations with modern extraction equipment and safety protocols

1

## Phase 3: Port Enhancement

Buchanan Port modernization for increased capacity and specialized mineral handling

3

## Phase 2: Rail Infrastructure

Upgrade and expansion of rail connections linking mining sites to port facilities

2

## Phase 4: Regional Integration

Cross-border connectivity enabling Guinea mineral transit and regional trade flows

4

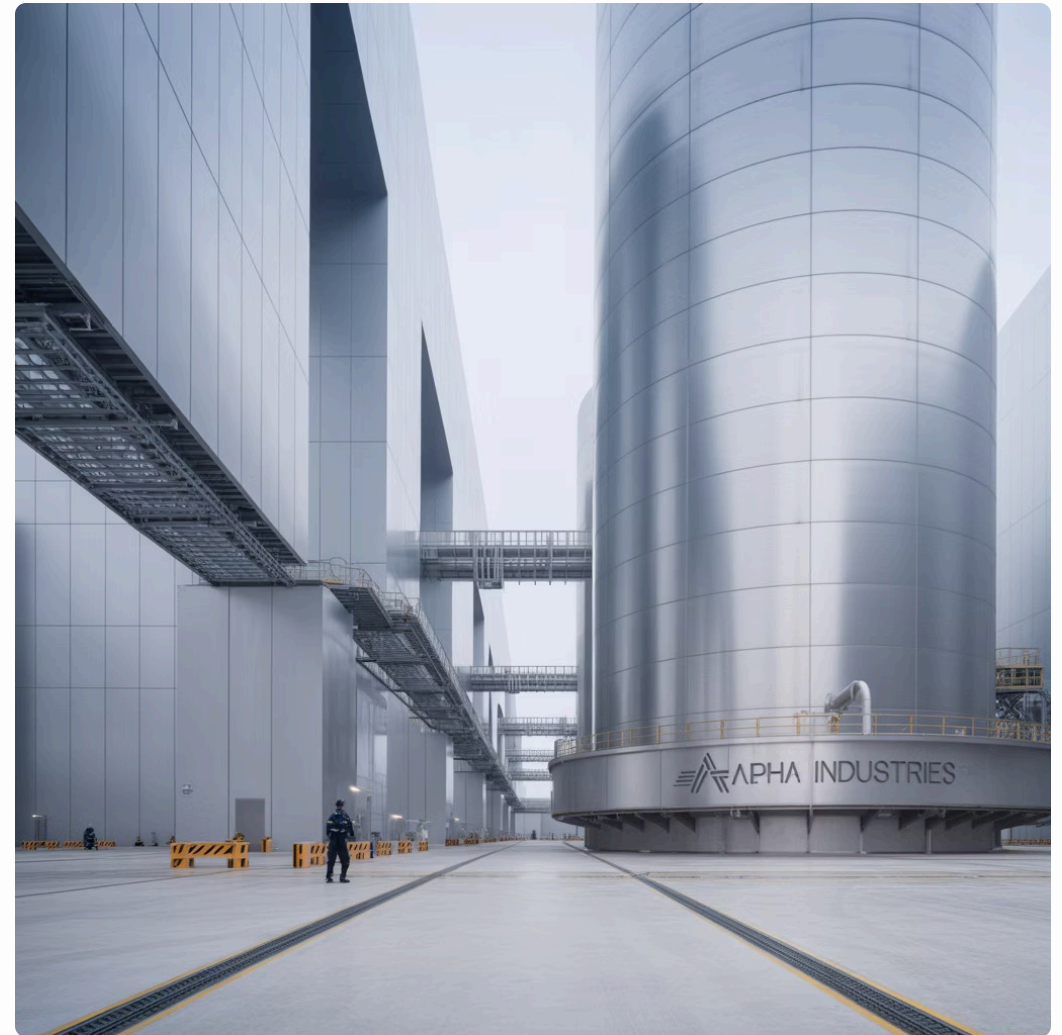
# Premier Investment Opportunity: Integrated Metals Processing Complex

## Market Gap

Liberia currently lacks state-of-the-art integrated facilities for metals processing and refining, creating a significant value-addition opportunity for investors seeking to establish such infrastructure near Roberts International Airport.

## Strategic Location Benefits

- Direct export access via international airport
- Enhanced security for diverse metals processing and refining operations
- Existing road networks and planned infrastructure development
- Compliance with international safety and environmental standards



This complex would encompass comprehensive processing capabilities for a wide range of minerals, including:

- Gold refining and processing
- Iron ore beneficiation and pelletizing
- Base metals processing (copper, cobalt, nickel)
- Critical minerals processing (lithium, rare earth elements)
- Diamond cutting and polishing facilities

Government partnership opportunities include tax incentives, duty exemptions, and streamlined regulatory approval for qualifying investments in integrated metals processing that enhance Liberia's mineral value chain capabilities.

# Class A Mining License: Regulatory Pathway

01

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## Preliminary Agreement

Sign MOU with National Investment Commission, Ministry of Mines and Energy, and Ministry of Justice. Complete due diligence assessment of investor capacity and technical expertise.

02

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## Licensing & Exploration

Obtain Reconnaissance and Exploration Licenses for initial surveys. Submit comprehensive geological reports and independent third-party verification of mineral discoveries.

03

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## Procurement Certification

Receive Certificate of Procurement from Ministry of Finance following completed due diligence. Advance to Legislative review and approval process.

04

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## Agreement Negotiation

Present comprehensive Financial Model, Development Plan, and Draft Mining Agreement detailing operational terms, community engagement, and economic impact projections.

05

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## Operational Commencement

Begin full-scale mining operations following legislative ratification and completion of all regulatory requirements for Class A License holders.

# Mining License Fees & Royalty Structure

## DIAMOND MINING

Diamond Class A Mining License	\$35,000 USD
Diamond Broker License	\$1,500 USD
Diamond Cut and Polish License	\$35,000 USD
Diamond Dealer/Export License	\$25,000 USD

Diamond Royalty: 3%

## GOLD MINING

Gold Prospecting License	\$125 USD
Gold Semi Precious License	\$150 USD
Gold Class A Mining License	\$35,000 USD
Gold Broker License	\$1,500 USD
Gold Dealer/Export License	\$5,000 USD
Gold Class A Jewelry License	\$3,000 USD
Gold Class B Jewelry License	\$1,000 USD
Gold Class C Jewelry License	\$500 USD
Gold Class D Jewelry License	\$250 USD

Gold Royalty: 3%

## SCRAP METAL

Scrap Broker License	\$600 USD
Scrap Export License	\$5,000 USD

Scrap Royalty: 3%

## OTHER MINING LICENSES

Laterite Mining License	\$3,000 USD
Blasting License	\$3,000 USD
Exploration License	\$5,000 USD
Sand Dredging License	\$10,000 USD
Quarry License	\$10,000 USD
Class A Iron Ore Mining License	\$50,000 USD

Industrial Mineral Royalty: 2%

All fees are in USD and represent current regulatory requirements.

# Established Mining Operations



## ArcelorMittal Liberia

Operating one of the largest iron ore mining projects in Liberia with proven extraction capabilities and established export infrastructure serving global steel markets.



## Hummingbird Resources

Actively exploring and developing gold mining projects with advanced geological assessment and sustainable extraction methodologies.



## Bea Mountain Mining (BMMC)

Key gold mining operation demonstrating successful commercial extraction and processing capabilities in Liberian mineral sector.



## MNG Gold

Significant gold mining company expanding Liberia's production capacity through technological innovation and operational efficiency improvements.



# Investment Benefits & Market Access

## International Market Gateway

- ECOWAS regional integration providing access to 400 million consumers
- AGOA benefits enabling duty-free access to U.S. markets
- AfCFTA participation unlocking 1.4 billion person continental market
- Strategic Atlantic coastline location for efficient shipping to Americas and Europe

## Operational Advantages

- Dual currency regime reducing foreign exchange risks
- Competitive labor costs with growing, trainable workforce
- Abundant natural resources supporting integrated operations
- Government tax incentives and investment-friendly policies

# Government Support Framework



## Investment Protection

Investment Act of Liberia guarantees protection against unfair expropriation, ensures profit repatriation rights, and provides comprehensive legal recourse mechanisms for dispute resolution.



## Financial Incentives

Tax holidays, duty exemptions, competitive corporate rates, and long-term concessions for large-scale investments in priority mining and infrastructure sectors.



## Public-Private Partnerships

Government actively encourages collaborative PPP arrangements ensuring investor confidence through transparent engagement and shared development objectives.

Political stability and sustained economic growth policies create a secure investment environment backed by dedicated Mining Sector Facilitation Unit providing streamlined support and project monitoring.



# Strategic Action Plan

1

## High-Potential Concession Identification

Promote three priority mining concessions with confirmed geological viability, minimal community conflict risk, and viable export infrastructure access for immediate investment consideration.

2

## Technical Partnership Development

Collaborate with U.S. Geological Survey and international experts for comprehensive technical mapping, environmental assessments, and reserve certification to enhance investor confidence.

3

## U.S. Market Engagement

Execute targeted roadshows in New York, Houston, and Washington D.C. to present investment opportunities and de-risk profiles to capital markets, energy sector, and policy stakeholders.

# ESG Compliance & Community Development



## ESG Framework Alignment

Model concession templates aligned with U.S. Environmental, Social, and Governance standards including labor rights compliance, conflict-free mineral sourcing, and transparent royalty regimes with mandatory third-party audits.

## Community Benefit-Sharing

- Clear community development obligations in all mining agreements
- Local employment and skills development programs
- Infrastructure improvements benefiting surrounding communities
- Environmental protection and restoration commitments

# Competitive Advantages for U.S. Investors

60%

## Arable Land Available

Uncultivated agricultural potential supporting integrated mining and agribusiness operations

19

## Median Age

Young, trainable workforce eager for employment and skills development opportunities

350

## Miles of Coastline

Strategic Atlantic access for efficient mineral export to global markets

1.4B

## AfCFTA Market Access

Continental free trade area representing the world's largest free trade zone

Unlike saturated markets elsewhere in Africa, Liberia offers clean-slate opportunities with first-mover advantages across mining, energy, and related infrastructure sectors.

# Next Steps: Partnership Engagement

## 1 Initial Consultation

Schedule strategic discussions with the Mining Sector Facilitation Unit to assess specific investment interests and identify optimal concession opportunities aligned with your company's capabilities.

## 2 Due Diligence Support

Access comprehensive geological data, environmental assessments, and regulatory guidance through government-facilitated partnerships with USGS and international technical experts.

## 3 Investment Structuring

Develop customized PPP agreements incorporating processing infrastructure, community development commitments, and export facility enhancements tailored to your operational requirements and ESG standards.

Contact the Office of the Special Envoy for direct facilitation, streamlined government engagement, and accelerated path to profitable mining operations in West Africa's most promising emerging market.

## Contact Information

### For Further Information

Potential investors are encouraged to address their Letters of Intent (LOI) to:

Hon. Isaac Taggart, Jr.  
Special Envoy – U.S. Trade & Investments  
Ministry of Foreign Affairs  
Republic of Liberia

**Email:** [itaggart@ustradeenvoyliberiamofa.com](mailto:itaggart@ustradeenvoyliberiamofa.com)

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Plan a Visit to Liberia

We encourage interested investors to plan a visit to Liberia with their team or delegation. This will facilitate strategic meetings with key government officials, local partners, and on-site assessments of potential projects. Please contact Hon. Isaac Taggart, Jr. to coordinate your visit and arrangements.



**i** The Ministry of Foreign Affairs can facilitate introductions to relevant government agencies, arrange site visits, and provide additional information on investment incentives available for each project.

For detailed investment information, block data packages, and partnership opportunities, please contact the Ministry of Foreign Affairs through official diplomatic channels.

Additional resources and updates on licensing rounds are available through the Ministry of Mines and Energy at <https://mme.gov.lr/index.php>

1

### Submit Letter of Intent

Express formal interest in specific projects, including project specifics and estimated investment amount/ticket size, to initiate the investment process

2

### Project Discussion

Detailed review of investment parameters and requirements

3

### Due Diligence

Site visits and comprehensive assessment of project viability

4

### Implementation

Finalize agreements and begin project development