

ANNUAL REPORT

Fiscal Year 2024





Ministry of Mines and Energy

Annual Report for the Year 2024



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Special Message from the Minister

Enjoying the confidence of the President of Liberia, His Excellency Joseph Nyuma Boakai Sr, to lead two (2) critical sectors of the economy together with other dedicated professional Liberians here in the Ministry of Mines and Energy has been a rewarding experience since we assumed responsibility for this important Institution in March 2024. My colleagues and I are humbled by the privilege to serve and thank the President for the confidence reposed in us. I am particularly grateful to GOD ALMIGHTY for the opportunity to serve and participate in Liberia's transformation.

Restoring public and investors' confidence in the Ministry and repositioning it to lead the Mineral and Energy sectors have been rewarding. During the year, we made modest progress in some areas. We reasserted the Ministry's role, which had been arbitrarily taken over by the Ministry of State for Presidential Affairs from 2018 to 2023. Following proper budget defence, the Ministry's budget increased to support revenue enhancement and other administrative activities. With budget expenditure rate of 99.3%, we effectively and transparently executed financial management activities, resulting to a comprehensive rehabilitation and refurbishment of MME's office facilities, begun the construction of a new office building for the Liberian Hydrological Service and the acquisition of critically needed logistics including: one 150KVA generator, nine (9) brand new 4 X 4 Double-cabin pick-ups, diamond testing equipment, thirty (30) motorbikes, ICT Equipment such as desktops, laptops, printers, shredders, assorted office furniture, biometric attendance machine, etc. We also reviewed key policy and legal documents to prepare for their eventual updating and/or amendment which is necessary to facilitate better regulation of the sectors which the President has entrusted to us.

We launched the secondment of many young Liberian Geologists and Mining Engineers to various companies in Liberia and also sent some Liberians outside for technical trainings and other professional skills. There are many other areas of success in 2024 that we cannot itemize here but we are grateful to report the overall progress which we, as a Team, have made in furtherance of the ARREST Agenda for Inclusive Development (AAID) of His Excellency the President, whose honesty and determination to positively transform Liberia cannot be overemphasized.

As we enter the Year 2025, the Ministry envisions to complete the updating of the mineral potential map of Liberia and actualizing the formalization of the Artisanal and Small-scale Mining (ASM) sector while at the same time effecting our plan to establish County Offices. We will continue to improve our role through adequate sector governance and maintain a cordial working relationship with all Energy stakeholders. We will also continue to build the Ministry's capacity in all relevant areas and strive to motivate and improve the working condition of our staff.

Finally, for our Team, nothing counts more than the undeniable truth that the transformation of the Mining and Energy Sectors is possible under the wise leadership of



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the President whose call for all citizens to “*Think Liberia, Love Liberia, and Build Liberia*” is resonating among Liberians at home and abroad. Reminded by this, we embrace the Year 2025 fully convinced that so much can be achieved even with limited resources.

Wilmot J.M. Paye
MINISTER



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Executive Summary

There was a presidential transition in early 2024 but the year brought several good news and critical transformations to the Ministry of Mines and Energy under the leadership of the current Administration that took over the Ministry in early 2024.

For the 2024 Fiscal Year, the Legislature established a final revenue target of US\$ 112,655,000 (One Hundred Twelve Million Six Hundred Fifty-Five Thousand United States Dollars) for the Ministry to be generated from the Mining Sector. As at December 31, 2024, against this revenue target, the Mining Sector generated US\$ 124,868,000 (One Hundred Twenty-Four Million Eight Hundred Sixty-Eight Thousand United States Dollars) amounting to an excess mining sector revenue generation of US\$12,313,000 (Twelve Million Three Hundred Thirteen Thousand United States Dollars) or 11%. All the activities that led to the success of the Ministry in 2024 were powered by a final budget of US\$ 3,699,228 (Three Million Six Hundred Ninety-Nine Thousand Two Hundred Twenty-Eight United States Dollars). This equates to a budget-to-sector-revenue ratio of US\$ 1 of budget generating US\$ 34 of mining sector revenue as at December 31, 2024. This gives the Ministry grounds for further commitment toward boosting revenue generation in the Mining Sector.

In the Mining Sector, the Ministry conducted a comprehensive review of Exploration Licenses, Class B Licenses and commenced of a thorough status review of all Class A Licenses to determine whether the holders are operating and to separate illegal operators from legitimate license holders who could be holding the Country's mineral sector hostage. The Ministry also immediately dissolved the age-old and so-called Volunteer Inspector program that had entrusted non-employees with statutory functions of the Ministry on the field. The volunteers, in an effort to compensate themselves, got involved with illegal mining activities including taking extortion and aiding illicit miners. The Ministry also established a Mineral Sector Working Group (MSWG) comprising of stakeholders in the mineral and mining sector for better coordination and sector governance.

The Ministry completed the review of the Minerals and Mining Law of 2000 and also commenced full reform efforts for the Ministry's Inspectorate Program with plans and actions taken to decentralizing the Ministry's operations with the opening of County Offices in 2025 to bring the Ministry closer to mining communities across Liberia. In the efforts to modernize further, the Ministry replaced all obsolete and dysfunctional testing equipment at the Office of Precious Minerals (OPM) and the Mining Cadastral Unit, thereby enhancing their effectiveness and productivity.

The Ministry received a complete geological and geochemical dataset for the Harper Quadrangle and portion of the Voinjama Quadrangle from the Government of the People's Republic of China. The new data was generated through a project called the Liberia Mineral Resource Survey sponsored by the Government of the People's Republic of China. The data sheds a new light on Liberia's mineral potential because the last geological mapping was done more than five (5) decades ago with support from the Government of the United States through the US Geological



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Survey (Geochemical analysis has revealed some 20 different minerals that also include an encouraging potential for Critical Minerals).

In furtherance of efforts to rebrand its physical facilities, the Ministry commenced a complete renovation and refurbishing of its premises to boost positive public perception and employee morale and begun the construction of a new office building to support the relocation of the Liberia Hydrological Service (LHS) from a rented building on the Old Road to a soon to be newly constructed two-storey building to be equipped with administrative and laboratory facilities in the Ministry's compound. The singular action will significantly reduce the total cost of operation and free up monies to support other activities.

The Ministry also acquired nine (9) brand-new double-cabin pick-ups and thirty (30) motorbikes to support the Ministry's decentralization plan and enhance its monitoring activities across the Country. In additional collaboration, the Ministry established a robust Joint Compliance Enforcement Team involving the Ministry of Justice (i.e. Liberia National Police, Liberia Immigration Service, etc.) to minimize illicit mining and other legal activities in the mining sector that are counterproductive to economic development.

The Ministry established an internal Legal Unit to support the drafting of regulations and advise on all litigation issues. The Ministry also established an internal Hearing Board in compliance with the constitutional requirement and principle of giving due process to parties in a case.

In an effort to broaden external collaborations for capacity-building, the Ministry signed a Memorandum of Understanding (MOU) with the University of Liberia geared towards capacity building and research and development to benefit Liberians.

In the Energy Sector, the Ministry completed the sectoral review and validation of the National Energy Policy (NEP 2009), an instrument that represents a transformative shift in Liberia's approach to energy production, consumption, and management. It is the expressed aspiration of the Ministry and other energy stakeholders that the outcome of this review will be a new energy policy that will encourage, promote and support a greener, more efficient, and productive economy prepared to meet Liberia's growing energy needs to build a Country improve the livelihoods of its citizens enhance economic development.

During the year, the Ministry supported and jointly signed an Administrative Regulation for migrating all Ministries, Agencies and Commissions (MACs) of the Government of Liberia from the current Postpaid Metering System for electricity consumption to a Prepaid Metering System and this policy is expected to be rolled out in the 2025 Fiscal Year.

As a way of enhancing energy sector coordination, the Ministry established an Energy Sector Working Group (ESWG) with the primary purpose of being a platform for deliberating on matters related to energy policies, regulations and their implementation in Liberia.



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The Ministry also conducted monitoring and evaluation visits to ongoing energy project sites across the Country including the Light-Up South-East, 150-MW Saint Paul River Hydro Project (SP2), 42-MW Mount Coffee Expansion, and a 20-MW Solar Park Project at Harrisburg, Montserrado County, respectively. Also, the World Bank-funded Regional Emergency Solar Power Intervention Project (RESPITE), a public financing project, is being overseen by the Ministry. In October 2024, with technical assistance from the World Bank and the AfDB, Liberia, through the Ministry, commenced the preparation of its National Energy Compact in response to the announcement by the Banks to provide electricity access to 300 million people in Sub Saharan Africa by 2030.

For the purpose of knowledge transfer and capacity building, a total of forty-four (44) Liberian Geologists and Mining Engineers were seconded to several exploration and mining companies. This was done in accordance with the relevant provisions of the Minerals and Mining Law of 2000 and the Exploration Regulations of 2010. We anticipate the Secondment of additional Mining Engineers and Geologists as more licenses become available. Also, a total of forty-three (43) employees benefitted from capacity building opportunities provided through bilateral relationships with the Governments of Japan, Egypt, and Sweden. These training programs include one master's degree and 52 diplomas in various important disciplines.

Finally, the Ministry is moving towards the 2025 Fiscal Year with key strategic priorities including decentralization of the Ministry by establishing offices in the 15 counties and amending the Minerals and Mining Law of 2000 and the Electricity Law of 2015. In terms of technological transformation, the Ministry intends to digitalize all of its licensing processes and installing closed circuit television (CCTV) cameras in its offices to aid in investigations and curb illegal actions. The Ministry also envisions to source funding to complete the Geological Mapping, Geochemical sampling and Airborne Geophysical survey of the remaining nine (9) Quadrangles. In 2025, the Ministry intends to complete the development of the Regulations on Heavy Mineral Sand (HMS) and other energy transition minerals. The Ministry also plans to implement the new fees structure for licenses and royalties for the mining sector and also monitor the implementation of the pre-paid metering system for public institutions. The Ministry plans to begin the implementation of the Memorandum of Understanding (MOU) signed with the University of Liberia and recruit Geologists and Mining Engineers to run the Ministry's decentralized offices in the 15 Counties.



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1.0 Introduction

This report presents the activities and programs executed by the Ministry of Mines and Energy in 2024. It highlights achievements made and challenges faced that set the foundation for continuous strides in the 2025 fiscal year.

The Ministry of Mines and Energy (MME) was established in 1972 by an Act of Legislature to assess and control the land and mineral resources of Liberia and to formulate policies for effective exploration of these resources for economic and social benefits. Degree No. 55 issued on October 2, 1981, changed the entity's name to Lands, Mines and Energy to also give it authority over the Energy Sector. Later on, an Act of Legislature on October 6, 2018 separated the Department of Lands, Survey, and Cartography from the Ministry of Lands, Mines and Energy, thus, changing the name of the entity to the Ministry of Mines and Energy (MME), as it stands, with statutory oversight over the Mining and Energy Sector. These sectors are governed by the Minerals and Mining Law of 2000, the Exploration Regulations of 2010, the Minerals Policy of Liberia of 2012, the Electricity Law of Liberia of 2015, the National Energy Policy of 2009 and other attending regulations.

In 2024, the Ministry of Mines and Energy inherited challenges but made remarkable progress to overcome them and position the Ministry towards greater success in the years ahead.

2.0 Overview of General Administration

2.1 Budget and Finance

The budgetary and financial information for the Ministry in FY 2024 is summarized below:

No.	Category	Final Budget (US\$)	Actual Expenditure (December 31, 2024)
1	Compensation	2,082,125	2,273,901.46
2	Goods and Services	999,717	788,572.10
3	Fixed Capital	8,135	8,130.00
4	Grant	609,251	602,838.00
	Total	3,699,228	3,673,441.56

2.3 Human Resources

Staffing at the Ministry during FY 2024 is summarized below:

No.	Ministry Offices	Staff Level
1	Department of Mines	178
2	Mineral Exploration and Research	73
3	Energy	41
4	Planning and Development	28
5	Administration and Management	97
	Total	417



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3.0 Operational Reforms

The new administration of the Ministry of Mines and Energy initiated and enhanced several operational reforms to improve the overall efficiency and effectiveness in operations.

3.1 Mineral (Mining) Sector:

During the year under review, the Ministry established a robust Joint Compliance Enforcement Team involving the Ministry of Justice (i.e. Liberia National Police, Liberia Immigration Service, etc.) to enforce the mining law and related regulations in the field. The goal was and continues to curtail illicit mining or mineral-related activities across the Country. To that effect, enforcement activities have been carried out in several counties including Gbarpolu and the entire South East resulting to the arrest and prosecution of several illicit miners.



Some members of MME's Senior Management Team with officers of the LNP and LIS

In 2024, the Ministry received a complete set of geological and geochemical data (this geochemical analysis has revealed some 20 different minerals that also include an encouraging potential for critical minerals) for the Harper Quadrangle and portion of the Voinjama Quadrangle from the Government of the People's Republic of China which was generated through the Liberia Mineral Resource Survey project sponsored by the Government of the People's Republic of China. The data sheds a new light on Liberia's mineral potentials because the last geological mapping was done more than five (5) decades ago with support from the Government of the United States Government through the US Geological Survey. The study provides new understanding of the different rocks and minerals in Liberia, confirming the existence of already known minerals



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(i.e., gold, iron ore, diamond) and revealing new minerals like lithium, cobalt, monazite, heavy mineral sand (HMS) and manganese, etc.



Minister Paye and the Chinese Ambassador



Deputy Minister for Operation and the Chinese Ambassador



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- In the year 2024, the Ministry dissolved the Volunteer Inspector and Mining Agent Practice which had unemployed volunteers in the field working on behalf of the Ministry which highly increased the chance of compromising compliance standards leading to wide-spread illicit activities especially in the Artisanal and Small-Scale Mining Sector. There were more than 120 volunteers across every section of the Ministry.
- During the year 2024, the Ministry conducted a comprehensive review of Exploration Licenses, Class B Licenses and commencement of a thorough status review of all Class A Licenses. A total of 79 Exploration Licenses were reviewed, with 3 terminated and 55 deemed to have been in default and subsequently served Default Notices while 29 Class B Mining Licenses were reviewed, 26 found to be in default and 3 terminated, respectively. However, in line with the law, some affected license holders have exercised their rights to due process hence some of our actions are matters of administrative hearings and judicial reviews. Also, during the year, a total of 688 new licenses including Class B, Class C, Dealership, Broker, Blasting, Prospecting and Exploration were issued by the Ministry, which is a remarkable restatement of growing confidence in the Mineral Sector Governance led by the Ministry.
- During the year, the Ministry of Mines and Energy reviewed the following eleven (11) Concession Agreements (or MDAs):

No	Name of Company	Comment
1	Arcelor Mittal <i>(Effective Date: September 24-2005; Date of 1st Amendment: 16-May 16, 2007; Date of 2nd Amendment: September 24, 2013)</i>	<ul style="list-style-type: none"> ● Negotiations for the 3rd Amendment is ongoing with more than 70% of the work done. Multi-user arrangement for other companies to have access to the rail is in its advanced stage. ● Other issue of concern is SOLWAY legal stalemate as parties refused to reach an understanding thereby making resolution difficult. MOJ advised that the remedy to this will be litigation of the current arbitration in London. ● AML asserts that both Mount Blei and Mount Detton are included in their operational area as per the MDA. Community Leaders have made representations with the view that the current MDA execution is not beneficial to them therefore, Mount Blei and Mount Detton should form part of a separate MDA.
2	Bea Mountain Mining Corporation <i>(Effective Date: 28-November 28,2001; Date of 1st Amendment: September 24,2013)</i>	<ul style="list-style-type: none"> ● MDA was amended in 2023. ● Continuous rigorous compliance monitoring and enforcement of all provisions of the MDA, especially the labor, health and safety, environment, and financial aspects are key. ● MME recommends to the Honorable House of Senate that both LIS and MOL shouldn't be given revenue quotas in the FY2025 Budget and going forward. MME believes that giving those two (2) entities revenue quotas would serve as reasons for the issuance of Work and Resident Permits to foreigner to enable them perform functions that should primarily be for Liberians.



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3	Western Cluster (Effective Date: 3-August 3, 2011)	<ul style="list-style-type: none"> MDA amendment negotiations between the Inter-Ministerial Concession Committee (IMCC) and the Team of the Company is ongoing with more than 85% of the work done.
4	Bao Chico (Effective Date: March 18, 2022)	<ul style="list-style-type: none"> To ensure effective implementation, frequent presentations are made by Bao Chico followed by field visits from MME.
5	Putu Iron Ore (Effective Date: September 20, 2010)	<ul style="list-style-type: none"> Severstal recommended a company to take over the asset, however, said company has not afforded the government the opportunity to assess its ability to efficiently and effectively execute the Putu MDA. GOL is reviewing options to repossess the asset in the soonest possible time.
6	MNG Gold (Effective Date: March 14, 2002)	<ul style="list-style-type: none"> MNG informed the GOL in early 2023 about the suspension of mining activities MME advised that exploration activities be resumed early 2025 because it believes the company ignored technical advised and proceeded to mined underground without sufficient geological data.
7	Humming Bird (Effective Date: April 10, 2019)	<ul style="list-style-type: none"> In the stage of conducting Feasibility Studies with some impact of COVID19. MME to conduct verification exercise early next year.
8	Prosis-Eastern Target (Effective Date: October 17, 2019)	<ul style="list-style-type: none"> Non-functional MDA Legal and technical options are being considered to remedy the non-functional nature of this MDA.
9	Prosis-Western Target (Effective Date: October 17, 20219)	<ul style="list-style-type: none"> Non-functional MDA Legal and technical options are being considered to remedy the non-functional nature of this MDA.
10	China Union (Effective Date: April 30, 2009)	<ul style="list-style-type: none"> Facing difficulty to finance the project. The company reports that a partner has been identified and modalities to recommence operations by third quarter 2025 are underway.
11	Cavalla (Effective Date: December 30, 2010)	<ul style="list-style-type: none"> Requested approval to resume exploration. MME granted approval for exploration to commence which is expected to lead to the designation of proposed production area.

- During 2024, the Ministry of Mines and Energy hosted an acquaintance and consultation meeting with members of 19 mining cooperatives in Liberia. The Ministry has a vision of formalizing artisanal mining and empowering citizens of local mining communities into viable



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cooperatives for better regulation and sustainable economic growth for Liberians involved in the artisanal and small-scale mining (ASM) sector. The Cooperative Development Agency of Liberia was also represented in the meeting. The Minister and his Team assured the mining cooperatives of mutual cooperation and said that the upcoming opening of county offices will also bring the Ministry closer to mining communities across the country. The mining cooperatives expressed some concerns, made some requests and proffered some recommendations. The Ministry promised to address the issues with the cooperation of the cooperatives. It was an important and informative meeting that has now laid the foundation for more engagements and progress going forward.



Acquaintance Meeting with Mining Cooperatives



Joint Photo with Mining Cooperatives



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3.2 Energy Sector:

During the period under review, the following activities were executed in the Energy Sector:

- The Ministry established the Energy Sector Working Group (ESWG) to coordinate the governance of the Energy Sector. In addition to the Ministry of Mines and Energy, the ESWG comprises of LERC, LEC, RREA, LPRA, NOCAL, and LPRC who are the stakeholders in the energy sector.



Meeting of the Energy Sector Working Group

- The Ministry and partners reached a decision on the Full Supply Level (FSL) for the St. Paul 2 Hydro Project. The accepted FSL will allow a proper and bankable completion of the Mount Coffee Hydro dam expansion.
- Progress in energy access: Number of households with access to electricity has increased and this is supported by new electrification initiatives aimed at improving distribution reliability. Key areas benefiting from these efforts include RIA Corridor, Brewerville City and Careysburg.



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- The Ministry conducted several monitoring and evaluation field visits to ongoing projects across the country including the “Light-Up South-East”, 150-MW Saint Paul River Hydro Project (SP2), 42-MW Mount Coffee Expansion, and a 16-MW Solar Park Project in Harrisburg, Montserrado County.



Team from the Energy Department on Field Visits

4.0 Infrastructural and Logistical Reforms

Right upon taking office in 2024, the new administration of the Ministry of Mines and Energy embarked on the renovation and refurbishing of the Ministry’s premises to improve public and staff morale and begun the construction of a new office building to support the relocation of the Liberia Hydrological Service (LHS) from a rented building on the Old Road in Sinkor to a new structure that is being constructed at the Capitol Hill Compound to host the LHS. A general facelift of the Ministry’s building was necessary because the existing facility was not presentable.



Ongoing Construction of LHS Building



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The Ministry also started reforming its logistics by acquiring nine (9) brand-new 4X4 double-cabin Pick-ups and about thirty (30) motorbikes to support its operations and decentralization plan. The transport equipment will strengthen the Ministry in reaching difficult terrains.



Some of the newly acquired 4X4 double cabin pick-ups



Motorbikes Acquired for Operations



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- In furtherance of its reforms, the Ministry replaced all of the obsolete and dysfunctional testing equipment in the Office of Precious Minerals (OPM) and Mining Cadastral Unit to enhance their effectiveness and productivity.



New Colorimeter at OPM

5.0 Legal Reforms

5.1 Mineral/Mining Sector:

- In order to enhance its legal capacity, in 2024, the Ministry of Mines and Energy established its Legal Unit with a resident lawyer who will review legal issues and give advice when necessary. The Ministry did not have a legal unit in the past.
- Due to the influx of cases originating from mining areas in Liberia, in 2024 the Ministry established a Hearing Board to give due process to the parties. The Board now gives consideration to mining and mineral-related complaints and brief senior management.
- In 2024, the Ministry concluded the in-house review of the current Minerals and Mining Law of 2000 to identify possible areas for amendment and new inclusions to consider. The official amendment process is expected in 2025.



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Minerals and Mining Law 2000 Review Committee headed by Hon. Wilmot Paye

- The Ministry, in an effort to better coordinate the mineral and mining sector, established the Mineral Sector Working Group (MSWG) in 2024 as a forum for sector stakeholders in Liberia.



Cross-Section of Government Officials and Stakeholders at the Launch of the Mineral Sector Working Group



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- For building of capacity Liberian geologists and mining engineers, in 2024 the Ministry signed a Memorandum of Understanding (MOU) with the University of Liberia for mutual cooperation in training and manpower development.



Minister Paye and UL's Acting President Sign the MOU

5.2 Energy Sector:

- The review of the National Energy Policy completed (NEP 2009) as well as the stakeholders validation exercise. The outcome of this review will be a new energy policy that will encourage, promote and support a greener, more efficient, and productive economy prepared to meet Liberia's growing energy needs and improve the livelihoods of its citizens.



Participants at Energy Sector Validation



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- The Ministry jointly signed an Administrative Regulation for migrating all Ministries, Agencies and Commissions (MACs) of the Government of Liberia from the current Postpaid Metering System for electricity consumption to a Prepaid Metering System. The new policy is expected to be rolled out in the 2025 fiscal year.

6.0 International Representations

- In 2024, the Minister of Mines and Energy, Hon. Wilmot J.M. Paye, was an official member of the Liberian delegation to attend the 2024 Summit of the Forum for China-Africa Cooperation (FOCAC) in Beijing, China, from September 4 to 6, 2024. The Minister also used this trip to attend the Liberia Investment Conference in Shenzhen City and to meet and encourage more Chinese investors to come with investment in Liberia.



Minister at High-Level Bilateral Meeting with the Chinese President



Minister Paye and Others at West Africa Water Resource Conference



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- In 2024, a high-level delegation from the Ministry of Mines and Energy attended a conference of the Kimberly Process in Dubai in the United Arab Emirates as Liberia gears towards regularizing its status under the current government. Those on the trip were Hon. Eudora Blay-Pritchard, Deputy Minister for Administration; Hon. Fahnsseth B. Mulbah, Deputy Minister for Planning, Research and Development; and Ms. Rebecca Fallah, Manager of the Office of Precious Minerals. The delegation also participated in a meeting of the Dubai Precious Metals Group.



MME's Delegation in Dubai



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- ECOWAS: The Deputy Minister for Planning and Research, Hon. Fahnseth B. Mulbah, participated in the ECOWAS's National Mining Experts Meeting to revise the ECOWAS *Mineral Development Policy* which was held in Lagos, Nigeria on September 24, 2024.



Deputy Minister Mulbah and the Chief Minerals Officer of AfDB



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7.0 Gender and Social Inclusion

- During the year, the Ministry of Mines and Energy through its Gender and Social Inclusion Unit, and for the first time, celebrated a one-day side-event during the 16 Days of Activism. The event took place on December 5, 2024 from 9:00 am to 1:00 PM with the theme “*Together, Lets Unite to Stop Violence against Women and Girls in Every Sector*”. The program commenced with an out-door parade from the Monrovia City Hall to the Ministry’s compound, and continued with an in-door program packed with activities including cultural performance and drama on domestic violence against women and girls in society, remarks, and three technical presentations on HIV & AIDs, Gender Based-Violence, and Access to Justice relative to gender-based violence. All staff of the Ministry happily participated in the program as a way of recognizing the importance of women and gender equality.



Staff of the Ministry Celebrating 16 Days of Activism

8.0 Sector Revenue Performance in 2024

- It can be recalled that the National Legislature, in its appropriation of the 2024 fiscal year budget, initially set US\$ 106.15M and later added US\$ 6.50M to arrive at a final yearly approved revenue target of US\$ 112.65M for the Ministry of Mines and Energy and the mining sector in general that it presides over. As at December 31, 2024, the total revenue generated from the mining sector was USD 124,868,000 (One Hundred Twenty-Four Million Eight Hundred Sixty-Eight Thousand United States Dollars) which accounts for a performance rating of 111%. This amount was generated from both tax and non-tax revenue sources. Revenue from tax sources amounted to US\$ 78,840,000, constituting 70% while revenue from non-tax sources amounted to US\$ 46,029,000 constituting 41% of the revenue collected as at December 31, 2024. Tax revenue for the mining sector mainly comprises of taxes on income and profits and taxes from international trade while non-tax revenue mainly comprises of property incomes and administrative fees for the period under review.



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Analysis of Revenue Generation by December 31, 2024		
Actual Revenue Collection	US\$ 124,868,000	111%
Sector Revenue Projection	US\$ 112,655,000	100%
Excess Sector Revenue Collection	US\$ 12,313,000	11%

9.0 Donor-Funded Projects

9.1 Coastal Defense Project:

- In 2024, the Ministry provided oversight of a coastal defense project in Greenville, Sinoe County. The project is intended to counter the impact of climate change and sea erosion.

9.2 Energy Sector:

- In 2024, as chairman on the steering committee with oversight responsibilities, the Ministry conducted field visits to verify ongoing World Bank-funded Regional Emergency Solar Power Intervention (RESPITE) and other energy projects which include the following activities:
 - A scalable Solar Park starting with 70-MW Solar PV that will solicit Independent Power Producers (IPPs)
 - A total of about 21MW four (4) Mini-Grids through solar, mini-hydro and hybrid being developed in Lofa, Nimba, River Gee, and Sinoe Counties, respectively, implemented by the Rural and Renewable Energy Agency (RREA). Also, ten (10) hospitals plus 190 health centers are currently being electrified from Solar stand-alone systems. These projects are supported by the EU, World Bank, GIZ EnDev, and AfDP and are expected to be commissioned between 2025 and 2029.
 - A 1-MW solar-diesel hybrid mini-grid under construction in Bopolu, Gbarpolu County by a private company called Energycity. About 500 households, including businesses, are expected to be connected to this mini-grid.
 - The EU is also funding the construction of an electricity distribution network to electrify Buchanan from a CLSG substation there. When completed, at least 10,000 households and businesses are expected be connected to this network.
 - With technical assistance from the World Bank and the AfDB, Liberia, through the Ministry of Mines and Energy, commenced the preparation of its National Energy Compact in response to the announcement by Banks to provide electricity access to 300 million people in Sub Saharan Africa by 2030.



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10. Mineral Export Data

10.1 Gold Export (Industrial)

	MONTH	NET WEIGHT	GROSS WEIGHT	APPRAISED VALUE (USD)	ROYALTY (3%) USD
1 st Quarter	January	1,098.67	1,142.96	67,602,238.60	2,028,067.16
	February	834.86	867.27	50,787,065.90	1,523,611.98
	March	837.31	870.87	53,931,993.70	1,617,959.81
	<i>sub total</i>	2,770.84	2,881.09	172,321,298.20	5,169,638.95
2 nd Quarter	April	1,177.34	1,223.70	81,789,512.60	2,453,685.38
	May	784.35	815.97	56,061,392.30	1,681,841.77
	June	1,238.71	1,287.70	86,707,805.76	2,601,234.17
	<i>sub total</i>	3,200.39	3,327.37	224,558,710.66	6,736,761.32
3 rd Quarter	July	991.43	1,031.00	70,781,222.80	2,123,436.68
	August	1,053.13	1,096.65	78,724,178.20	2,361,725.35
	September	1,223.43	1,274.41	93,672,529.70	2,810,175.89
	<i>sub total</i>	3,267.98	3,402.06	243,177,930.70	7,295,337.92
4 th Quarter		3,042.44	3,170.61	244,993,756.80	7,349,812.70
Grand Total		12,281.65	12,781.13	885,051,696.36	26,551,550.89

10.2 Gold Export (Artisanal and Small-Scale)

	MONTH	NET WEIGHT	APPRAISED VALUE (USD)	ROYALTY (3%) USD
1 st Quarter	January	38.36	2,411,145.58	72,334.48
	February	14.81	468,599.29	14,057.98
	March	11.53	364,942.88	109,848.29
	<i>sub total</i>	64.7	3,244,687.75	196,240.75
2 nd Quarter	April	44.97	1,767,939.23	53,038.18
	May	72.54	2,743,397.12	82,301.91
	June	11.3	428,717.71	12,861.53
	<i>sub total</i>	128.8	4,940,054.06	148,201.62
3 rd Quarter	July	18.91	700,137.74	21,004.13
	August	6.17	254,062.96	7,621.89
	September	12.85	477,027.28	14,310.82
	<i>sub total</i>	37.93	1,431,227.98	42,936.84



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4th Quarter		22.35	927,957.02	27,838.71
Grand Total		253.78	10,543,926.81	415,217.92

10.3 Diamond Export in 2024

	Month	Carats/Weight	Appraised Value	Royalty (USD)
1st Quarter	January	4,305.53	1,226,918.22	36,807.51
	February	7,747.94	3,232,358.54	96,970.76
	March	3,505.71	1,523,348.47	45,700.45
	sub total	15,559.18	5,982,625.23	179,478.72
2nd Quarter	April	2,974.28	3,734,124.08	112,023.72
	May	9,083.02	2,314,834.06	69,445.02
	June	3,071.84	1,100,214.58	33,006.44
	sub total	15,129.14	7,149,172.72	214,475.18
3rd Quarter	July	3,724.89	1,270,086.21	38,102.59
	August	1,287.30	216,522.59	6,495.68
	September	6,462.17	1,863,041.06	55,891.23
	sub total	11,474.36	3,349,649.86	100,489.50
4th Quarter	October	2,448.95	532,031.54	15,960.95
	November	1,090.44	545,357.91	16,360.74
	December	2,361.88	430,654.89	12,919.65
	sub total	5,901.27	1,508,044.34	45,241.34
Grand Total		48,063.95	17,989,492.15	539,684.74

10.4 Iron Ore Production in 2024 (MT)

Period	ArcelorMittal	Western Cluster	Bao Chico	China Union	Total
1st Quarter	369,022.44	217,682.00	45,396.94	-	632,101.38
2nd Quarter	825,872.88	223,684.00	-	-	1,049,556.88
3rd Quarter	768,533.15	121,947.00	-	-	890,480.15
4th Quarter	1,536,762.90	105,250.00	-	-	1,642,012.90
Total	3,500,191.37	668,563.00	45,396.94	-	4,214,151.31



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11.0 Staff Capacity Development

- In 2024, the Ministry sent a total of forty-four (44) Liberian Geologists and Mining Engineers were seconded to several exploration and mining companies. Additional batches of secondees will be processed afterwards. This secondment process gives opportunity to Liberians to work and gain relevant experience with the companies.



Meeting with Secondees



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- In 2024, agreements were reached for a total of forty-three (43) employees of the Ministry to benefit from capacity building opportunities provided through bilateral relationships. Some of the programs for capacity development in 2024 were Public Policy; Diamond Valuation; Mine Water and Mine Waste Management; Renewable Energy Resources for Energy Autonomy Mitigation of Climate Change; Mineral Processing Technology; Diamond Sorting and Valuation; among others. These training programs were sponsored by Japan International Cooperation Agency (JICA); SIDA and implemented by Geological Survey of Sweden (SGU); India Technical and Economic Cooperation (ITEC); Egyptian Agency of Partnership for Development (EAPD) and Central Metallurgical Research and Development Institute (CMRDI); among others.

No.	Country of Study	No. of Beneficiaries
1	Japan	1
2	Liberia	14
3	Rwanda	5
4	India	17
5	Egypt	3
6	Botswana	3
Total		43

- In 2024, the Ministry led a delegation of 25 Liberians from three entities to be trained in China in energy related field.

No.	Government Entity	Number of Trainees
1	LEC	18
2	Ministry of Mines and Energy	5
3	Other institutions	2
Total		25



Deputy Minister of Energy as Head Delegation in China



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12.0 Looking Forward to 2025

With strong foundation laid in 2024, the Ministry of Mines and Energy looks forward to the year 2025 with positive eyes hoping to achieve more success stories in the following areas:

- Decentralizing operation by establishing offices in the 15 counties of Liberia
- The amendment of the Minerals and Mining Law of 2000
- The amendment of the Electricity Law of 2015
- Digitalizing all licensing processes at the Mining Cadastre of the Ministry
- Installing CCTV in all offices at the Ministry to aid in criminal investigation
- Mobilizing funding to complete the Geological Mapping, Geochemical sampling and Airborne Geophysical survey of the remaining nine (9) Quadrangles
- Developing regulations on critical minerals, including Heavy Mineral Sand (HMS)
- Implementing the new fees structure for licenses and royalties
- Monitoring the implementation of the pre-paid metering system for public institutions
- Implementing the Memorandum of Understanding with the University of Liberia, and
- Recruiting Geologists and Mining Engineers to serve at the 15 county offices

13.0 Conclusion

The period under review presented significant challenges due to the factors mentioned earlier. However, it also served as a valuable learning experience for the entire team. Through teamwork and government support, substantial progress was achieved.

A comparison between budgetary allocations and accomplishments indicates that, with adequate resources and favorable conditions, even greater results could have been attained.

Looking ahead to FY2025, the successful execution of the outlined activities is expected to drive growth in both the mining and energy sectors. This, in turn, will contribute to broader socio-economic development.