Sinomine Resources Group Co., Ltd

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Sinomine Resources Group Co., Ltd

2024 ENVIRONMENT SOCIAL & GOVERNANCE REPORT

SINOMINE A-shares: 002738.SZ

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SINOMINE

About This Report

Report Overview

The 2024 Environmental, Social, and Governance (ESG) Report of Sinomine Resources Group Co., Ltd (hereinafter referred to as "Sinomine," "we," "our," or "the Company") outlines Sinomine's performance in environmental, social, and governance (ESG) initiatives in 2024.

For a comprehensive understanding of the Company, please refer to the 2024 Annual Report published by Sinomine Resources Group Co., Ltd on the Shenzhen Stock Exchange (SZSE).

Reporting Period

This report covers the period from January 1, 2024, to December 31, 2024 ("Report Period"). It is published annually in alignment with the financial year.

To ensure stakeholders are fully informed of material matters, this report also includes disclosures on matters occurring prior to 2024. Subsequent events post-reporting period (2025) are clearly marked in the text.

Reporting Scope

The entities and scope of disclosures in this report are aligned with those of the 2024 Annual Report published by Sinomine Resources Group Co., Ltd.

Basis of Preparation

This report is prepared in accordance with the following standards, frameworks, principles, and requirements:

-China's Ministry of Finance et al.'s Corporate Sustainability Disclosure Standards – Basic Standards (Trial)

-Shenzhen Stock Exchange's Guidelines for Self-Regulation of Listed Companies No. 17 – Sustainability Reporting (Trial)

Additional references include:

-Global Reporting Initiative (GRI) Sustainability Reporting Standards, 2021 Edition

-United Nations Sustainable Development Goals (SDGs)

-Task Force on Climate-related Financial Disclosures (TCFD) Framework

-Sustainability Accounting Standards Board (SASB) Standards for Metals & Mining

-This report adopts GRI-aligned data disclosure processes and includes a GRI Content Index at the end.

Data Sources

All information and data cited originate from official company documents, statistical reports, and financial statements, complying with China's Accounting Law, Accounting Standards for Business Enterprises, and auditing standards. Qualitative and quantitative data are sourced from:

· Sinomine's public records, internal documents, and statistics.

· Third-party surveys, government agencies, and professional institutions.

Approval and Release

This report was unanimously approved and released by Sinomine's Board of Directors on April 24, 2025. It is published electronically in simplified Chinese and English PDF formats. In case of discrepancies between versions, the Chinese text prevails. Stakeholders may access both versions via:

· www.sinomine.com

· Shenzhen Stock Exchange website: www.szse.cn

Risk Disclaimer

Forward-looking statements (including business plans, targets, and outlooks) reflect judgments as of April 24, 2025. Due to market uncertainties, actual outcomes may differ significantly. These statements are not binding commitments to investors; exercise prudence in decision-making.

Glossary

Jiangxi Sinomine New Materials: Refers to Sinomine Resource (Jiangxi) New Materials Co., Ltd. (formerly known as Jiangxi Dongpeng New Materials Co., Ltd.), a wholly-owned subsidiary of the Company.

Jiangxi Sinomine Lithium: Refers to Sinomine Resource (Jiangxi) Lithium Co., Ltd. (formerly known as Jiangxi Chunpeng Lithium Co., Ltd.), a wholly-owned subsidiary of the Company.

Sinomine Rare Metals (Hong Kong) : Refers to Sinomine (Hong Kong) Rare Metal Resources Co., Ltd., a wholly-owned subsidiary of the Company.

Afmin: Refers to African Minerals Limited, subsidiary of Sinomine Rare Metals (Hong Kong).

Bikita: Refers to Bikita Minerals (Private) Limited, subsidiary of Afmin.

Tanco: Refers to Tantalum Mining Corporation of Canada Limited, subsidiary of Sinomine Rare Metals (Hong Kong).

SSF Ltd: Refers to Sinomine Specialty Fluids Limited (UK), subsidiary of Sinomine Rare Metals (Hong Kong).

SSF Norway Branch: Refers to Norwegian branch of SSF Ltd.

Kitumba: Refers to Sinomine Kitumba Minerals Company Limited, 65% owned by Afmin.

Tsumeb Mining: Refers to Sinomine Tsumeb Mining Holding (Pty) Ltd, 98% owned by Sinomine Rare Metals (Hong Kong).

Tsumeb Smelter: Refers to Sinomine Tsumeb Smelter (Pty) Ltd, Subsidiary of Tsumeb Mining.

LCE: Lithium Carbonate Equivalent (a lithium measurement unit).

CNY/10,000 CNY: Renminbi Yuan/Renminbi 10,000 Yuan.

Scope 1: Direct greenhouse gas emissions (per GHG Protocol).

Scope 2: Indirect emissions from energy consumption (per GHG Protocol).

Chairman’s Statement

To our esteemed colleagues, partners, and investors,

The year 2024 marked a pivotal year for Sinomine as we solidified our strategic objectives, deepened transformational upgrades, and advanced our global responsibilities in driving high-quality development. In a year of profound global economic shifts and accelerating energy transitions, Sinomine executed its "Quality Enhancement, Cost Control, and Efficiency Improvement" strategy with precision, transforming challenges into opportunities and delivering demonstrably resilient outcomes.

As an international mining group dedicated to lithium battery new energy materials production and supply, rare light metal resource development, copper mineral exploration, and geological surveying, Sinomine leveraged cross-border capacity cooperation to consolidate its lithium value chain advantages. During the reporting period, we achieved significant milestones, including the full operationalization of Bikita Mine’s processing capacity in Zimbabwe, the successful commissioning of Jiangxi Sinomine Lithium’s 35,000-ton high-purity lithium salt project, and strategic acquisitions of Namibia’s Tsumeb Smelter and Zambia’s Kitumba Copper Mine. These initiatives not only bolstered our global resource development capabilities but also extended our presence in critical minerals for new energy and materials, reinforcing our leadership in cesium-rubidium salts through technological innovation. By optimizing cross-border supply chains, enhancing cost efficiency, and deepening collaborations under The Belt and Road Initiative, we elevated asset quality and accelerated international operational integration.

Sustainability remains embedded in Sinomine’s strategic DNA. In 2024, we upgraded our ESG governance framework, establishing a three-tier governance framework comprising the Board of Directors, Executive Committee, and Business Units. Systematic planning for supply chain decarbonization included the Bikita Mine Solar PV Project, which successfully reduced annual carbon emissions by over 20,000 metric tons, setting a benchmark for green energy in Zimbabwe. We also developed a responsible procurement assessment system, phased implementation of supplier ESG compliance programs, and fostering long-term sustainability partnerships to advance our commitment to global climate action.

In 2024, Sinomine fortified its ethical foundation through zero-tolerance anti-corruption policies, enhanced by anti-fraud training, process optimization, and digital risk controls. The Sixth Board of Directors, Supervisory Board, and senior executives reaffirmed their dedication by signing the Code of Conduct, while a localization-and-diversity-driven talent strategy cultivated global teams to drive innovation. To navigate geopolitical and market volatility, we implemented dynamic risk early-warning mechanisms and adjusted investment portfolios to ensure operational stability. Looking ahead to 2025, Sinomine will pursue innovation and green transformation as dual engines for growth, accelerating R&D in intelligent mining and green smelting technologies, expanding market opportunities in new energy sectors, and advancing organizational flattening.

As we mark our 25th anniversary—transitioning from geological exploration services to a global leader in new energy minerals—Sinomine remains steadfast in its mission: "Rooted in Resources, Focused on New Materials." We pledge to contribute to global energy transition and sustainable development with innovation, responsibility, and an unwavering commitment to excellence.

Chairman of Sinomine Resources Group Co., Ltd.

Key Performance

Economic Performance

Operating Revenue (RMB100 million): **53.64**	Total Profit (RMB100 million): **9.60**
Net Profit Attributable to Equity Shareholders of the Parent Company (RMB100 million): **7.57**	Basic EPS (RMB/share): **1.0498**
Total Assets (RMB 100 million): **171.93**	Weighted Average ROE (%): **6.25**
Total R&D Investment (RMB 10,000): **11,335.15**	Total Environmental Protection Investment (RMB 10,000): **9,996.18**

Environmental Performance

Number of Major Environmental Violation: 0
Number of Wastewater Exceedance Points: 0
Water Resource Recycling Rate: 84.79%
High/Extreme Baseline Water Stress Zone Discharge Volume: 0
Excessive Emission Points (Air Pollutants): 0
Hazardous Waste Compliance Disposal/Utilization Rate: 100%

Climate Action

CO_2e / RMB 10k revenue (tons): 0.92
Energy Consumption per RMB 10k Revenue (tons of standard coal equivalent): 0.27
Total GHG Emissions (CO_2e): 491,005.81 tons
CO_2e per Tonne LCE: 4.76 tons
Total Energy Consumption (tons of standard coal): 143,235.56 tons
Energy Consumption per Tonne LCE: 1.63 tons

Corporate Governance

Board of Directors (9 members):	Independent Directors: 3 out of 9 (33%)
	Female Directors: 1 out of 9 (11%)
	Directors Aged 50+: 7 out of 9 (78%)
	Directors Aged 50-: 2 out of 9 (22%)
Supervisory Board (3 members): Employee Representative Supervisor: 1	
Shareholder Meetings; 2 sessions (17 resolutions passed)	
Board Meetings: 7 sessions (44 resolutions passed)	
Supervisory Board Meetings: 5 sessions (19 resolutions passed)	

Social Responsibility

Total Employees: 3,195
Overseas-based Employees: 2,057
Employees Paid ≥ Local Minimum Wage: 185% (of benchmark)
Total Training Hours: 56,232.52 hours
Per capita training: 17.60 hours/employee
Occupational Health & Safety Training Hours: 47,925 hours
Occupational Health & Safety Training Coverage: 100%
Employee Safety Insurance Coverage: 100%

About Us

Sinomine Resources Group Co., Ltd

Core Business

Founded in 1999, Sinomine has developed into a global mining group with a comprehensive resource industrial chain. Our main business and operation cover four segments, EV-lithium material development and utilization, rare & light mineral (cesium & rubidium) development and application, geo-tech services & mining property development.

Project Distribution

Sinomine is engaged globally in lithium mining, lithium salt research, production and sales; cesium and rubidium mining, research and development, production and sales of cesium-rubidium salt; geological exploration and acquisition of high-quality lithium and cesium mineral resources to ensure self-sufficiency in raw materials; acquisition and exploration of mining rights to increase resource/reserve quantities and realize value transformation; and provision of geological exploration technical services to clients. Sinomine's business covers more than 40 countries and regions in Asia, Africa, Europe, America and Oceania, with branches in China, Canada, the United States, the United Kingdom, Norway, Zimbabwe, the Democratic Republic of the Congo (DRC), Zambia and other countries.

1. Mining Right Development Business

Leveraging extensive geological exploration expertise and technical advantages, the Company strategically develops mining rights through registration applications, joint ventures, and acquisitions while rigorously managing risks. After achieving preliminary exploration results or confirming ore grades and economically viable reserves, the Company monetizes mining rights through transfers, equity valuation, or direct development to secure long-term benefits.
At the Ninth Meeting of the Sixth Board of Directors, the Company approved the Proposal on Overseas Mineral Resource Exploration Investment Budget for 2024 - 2025, allocating RMB 74.68 million of self-funded capital to advance exploration at the following key projects:
Bikita Lithium Mine (Zimbabwe) : Lithium resource development.
Tanco Mine (Canada) : Exploration for Lithium-cesium-tantalum resource.
Kasempa Copper-Gold Mine (Zambia) : Copper-iron-gold resource evaluation.
Kitumba Copper Mine (Zambia) : Copper resource development.

Sinomine's Global Strategic Layout

The Company's primary resource reserves are as follows:

Bikita Lithium Mine (Zimbabwe) holds 107.42 million tons of lithium ore reserves, equivalent to 2.71 million tons of lithium carbonate equivalent (LCE).

Under the open-pit mining scenario, the Tanco mine holds in-situ ore reserves of 10.75 million tons, containing: Li_2O metal content: 141,800 tons (equivalent to 350.40 thousand tons of lithium carbonate equivalent, LCE); Cs_2O metal content: 29,000 tons; Ta_2O_5 metal content: 2,145.60 tons. Additionally, the mine contains cesium tailings ore tonnage of 3.56 million tons, with Cs_2O metal content of 26,600 tons. Total retained Cs_2O metal reserves at the Tanco mine amount to 55,600 tons.

Zambia's Kitumba, Shifuma, and Kabwe Copper Mines collectively hold 68.86 million tons of copper ore reserves, equivalent to 982,800 tons of copper metal.

The Company's Total Retained Lithium Mineral Resources:	Equivalent To	The Company's Total Retained Copper Mineral Resources:	Equivalent To
118.17 Million Tons	3.06 Million Tons of LCE	68.86 Million Tons	982,800.00 Tons of Copper Metal

The Tanco Mine Holds a Total of	And a Total of
55,600 Tons of Cs_2O Metal Content	2,145.60 Tons of Ta_2O_5 Metal Content

Bikita Mine (Zimbabwe)

Tanco Mine (Manitoba, Canada)

2. Lithium Battery New Energy Material Development and Utilization Business

As an integrated enterprise specializing in hard-rock lithium mining, lithium concentrate processing, and lithium compound production/sales, Sinomine has achieved stable production in November 2023 for its Bikita Lithium Mine 2 million tons/year (spodumene) construction project and Bikita Lithium Mine 2 million tons/year (petalite) expansion project, yielding approximately 300,000 tons/year of spodumene concentrate and 300,000 tons/year of chemical-grade petalite concentrate, significantly enhancing the self-sufficiency of its lithium salt raw material supply.

The Jiangxi Sinomine Lithium subsidiary commenced trial production of its 35,000-ton/year high-purity lithium salt project in November 2023 and achieved full production capacity by February 2024. Currently, the Company holds a total annual production capacity of 66,000 tons of battery-grade lithium salts, including battery-grade lithium hydroxide, battery-grade lithium carbonate, and battery-grade lithium fluoride, which are critical raw materials for manufacturing cathode materials (e.g., lithium iron phosphate, lithium cobalt oxide, lithium manganese oxide) and electrolytes for lithium-ion batteries.

Jiangxi Sinomine Lithium

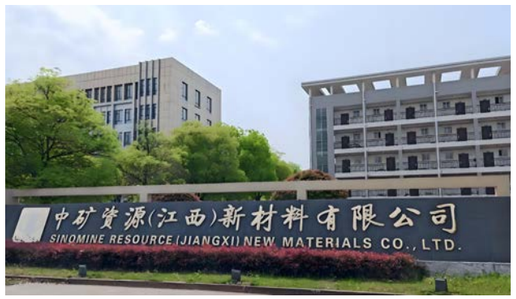
3. Rare & Light Metal (Cesium, Rubidium) Materials Business

As the global leader in cesium-rubidium salt fine chemicals, Sinomine possesses vertically integrated capabilities spanning cesium garnet mining, processing, specialty chemical production, and technical services. The Company controls strategic high-purity cesium resources (Tanco Mine in Canada, Bikita Mine in Zimbabwe), two major cesium-rubidium material production bases (Winnipeg, Canada; Xinyu City, Jiangxi Province, China), and cesium formate recycling hubs (Aberdeen, UK; Bergen, Norway). This integrated footprint enables Sinomine to offer a comprehensive portfolio of cesium-rubidium salts, including:

Cesium salts: cesium carbonate, cesium sulfate, cesium nitrate, cesium hydroxide, cesium iodide, and cesium formate.

Rubidium salts: rubidium chloride, rubidium iodide, rubidium fluoride, and rubidium hydroxide.

As the dominant global producer and supplier of cesium formate, Sinomine holds a pivotal position in the high-performance specialty chemical market.



Jiangxi Sinomine New Materials

4. Geological Exploration

The Company provides geological exploration technical services to support the international expansion projects of numerous leading Chinese mining enterprises, operating across more than 20 countries and regions in Africa, Southeast Asia, Central Asia, and Southern Europe. It delivers professional resource evaluation and technical support at all stages, including investment decision making, resource reserve verification, geological prospecting, and production exploration. Currently, the geological exploration business primarily focuses on ensuring the normal operation of existing mines while securing high-quality lithium, cesium, rubidium, copper, and other strategic mineral resources worldwide.

Sustainable Development Management

Sustainability Commitment

Core Values	Mission	Strategic Goal	Operational Philosophy
Integrity, Collaboration, and Shared Growth	To create maximum value for shareholders, employees, and society	To become a world-class resource-based mining enterprise with global influence	Rooted in resources, focused on new materials, empowered by capital, and governed by excellence

External Initiatives

Council Member Unit of the China Mining Association

Vice President Unit of the Scattered Metals Branch, China Nonferrous Metals Industry Association

Council Member Unit of the China Nonferrous Metals International Capacity Cooperation Enterprise Alliance

The Company prioritizes ESG governance, continuously enhancing the Board's engagement in ESG matters to strengthen governance capabilities and performance. In 2024, the Board was formally designated as the supreme governance body for ESG affairs, with the establishment of an ESG Management Department and the appointment of dedicated senior management personnel. This aligns with the Company's strategic objectives to refine its ESG governance structure and implementation plans, now structured as a clear three-tier framework: Board of Directors – Executive Management - Business Units.

The Company's compliance and sustainability management system spans group entities, subsidiaries, and equity-participating enterprises, rigorously aligned with international standards such as the International Finance Corporation's Environmental and Social Performance Standards, International Labour Organization Conventions, United Nations Guiding Principles on Business and Human Rights (UNGP), and Voluntary Principles on Security and Human Rights (VPSHR), among others. Business units dynamically optimize management policies and operational pathways under this unified framework, ensuring effective alignment with local risk profiles and global standards.

In accordance with the GRI Materiality Assessment Guidelines, Sinomine conducted a comprehensive evaluation of its current operations to identify actual and potential impacts, assess their material significance, and prioritize critical ESG issues for reporting. This process ensures responsive risk management and addresses stakeholders' key concerns. Materiality assessments integrate feedback from stakeholder engagements (internal and external), risk registers across business units, production bases, and mining sites, as well as insights from the ESG team and senior management. In 2024, the Company systematically executed the materiality workflow: Stakeholder Engagement→Materiality Identification →Issue Evaluation→Priority Validation→Finalization of Materiality Matrix.

Sinomine Resources 2024 Corporate Materiality Matrix

The Company solicited opinions and suggestions on materiality topics from stakeholders including employees, regulatory authorities, investors and financial institutions, downstream customers, communities, and non-governmental organizations. Material impacts were prioritized through a materiality matrix, with the final list of critical issues was approved by senior management and the Board of Directors.

Sinomine 2024 Materiality Assessment Findings

Extremely Important		Important	
Occupational Health and Safety	Energy Consumption	Employee Rights and Interests	Governance Framework
Pollution Prevention and Control	Community Relations	Public Policy Engagement	Material Use Efficiency
Climate Change Mitigation	Energy and Resource Conservation	Supply Chain Safety and Management	Solid Waste Disposal
Risk Management	Environmental Management	Product Quality Assurance	Employee Training and Development
Technical Innovation	Anti-Corruption	Circular Economy Practices	Water Resource Management
		Brand Development	Supplier ESG Assessment
		Tailings Management	

FOCUSING ON RESOURCES
CONCENTRATING ON NEW MATERIALS
LEVERAGING CAPITAL
ACHIEVING EXCELLENCE

Standardized Operations, Capital Empowerment

This year, we have achieved breakthrough progress in deepening governance effectiveness, strengthening risk prevention and control mechanisms, and expanding stakeholder engagement, while elevating global corporate governance standards to new heights of rigor.

The Company strictly complies with the Company Law of the People's Republic of China, Securities Law of the People's Republic of China, Guidelines for the Governance of Listed Companies, Administrative Measures for Independent Directors of Listed Companies, and the Shenzhen Stock Exchange Stock Listing Rules (2023 Revision), continuously refining its ESG governance framework to standardize operations. During the reporting period, the Board established a "Strategy and ESG Committee" to embed ESG objectives into strategic decision-making systems.

Against the backdrop of deepening global stakeholder ESG awareness and escalating accountability demands, ESG-related disputes in the global mining sector surged significantly compared to 2023. We recognize that stakeholders' expectations for companies to fulfill ESG responsibilities beyond compliance—not only represent key industry risks but also serve as strategic opportunities to drive technological innovation and sustainable transformation. Tailored to lithium resource development characteristics, the Company conducted dynamic analyses of 28 ESG risks across mining operations, chemical production, and product service stages during the reporting period.

In stakeholder engagement, we launched governance innovation proposal initiatives for employees, achieving a 30% year-on-year increase in grassroots improvement adoption rates. Collaborative green value chain partnerships with customers advanced carbon footprint management data integration. Anti-corruption systems made new strides, attaining 100% contract review coverage and securing signed Anti-Bribery and Sustainable Development Cooperation Agreements with all key suppliers.

Contents

| This chapter addresses the Sustainable Development Goals (SDGs) |

Standardized Operations

General Meeting of Shareholders

The Company convened 2 General Meetings of Shareholders during the reporting period, including 1 Annual General Meeting and 1 Extraordinary General Meeting, during which 17 resolutions were reviewed and approved. All matters subject to shareholder approval under applicable laws, administrative regulations, departmental rules, normative documents, and the Articles of Association were submitted to the General Meetings of Shareholders for review after undergoing proper authorization procedures. No instances of unauthorized approval or implementation prior to review were identified, and complete meeting records were maintained. Legal counsel was engaged to witness proceedings onsite and issued a legal opinion attesting to the compliance of meeting convening procedures, attendee qualifications, and voting processes.

To ensure the full exercise of rights and interests of minority shareholders, the Company incorporated a shareholder Q&A session during General Meetings of Shareholders, where directors, supervisors, and senior executives addressed inquiries comprehensively. In compliance with regulations from the China Securities Regulatory Commission (CSRC) and the Shenzhen Stock Exchange, separate vote counting for retail investors was conducted, with results disclosed promptly. Reasonable feedback received was carefully evaluated, adopted, and implemented.

On May 17, 2024, the Company convened its 2023 Annual General Meeting of Shareholders

On October 11, 2024, the Company convened its First Extraordinary General Meeting of Shareholders of 2024

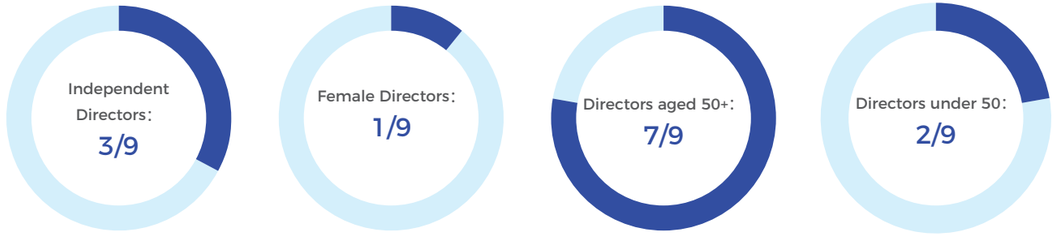
Board of Directors

Sinomine strictly implements various operational procedures in accordance with the Articles of Association, Board Rules of Procedure, Independent Director Working System, and Independent Director Special Committee Meeting Rules. The Company's Board of Directors comprises 9 members, including 3 independent directors, with the size and composition fully compliant with legal requirements.

Sixth Board of Directors of Sinomine

Name	Gender	Age	Position	Educational Background
Pingwei Wang	Male	63	Chairman and CEO	PhD (Doctoral Degree)
Xuegang Ou	Male	52	Director	Bachelor's Degree
Yunfeng Wei	Male	62	Director	Associate Degree
Zhihua Wu	Male	61	Director	Bachelor's Degree
Fangmiao Wang	Male	58	Director	Bachelor's Degree
Jinwei Zhang	Male	47	Director, Vice President & Board Secretary	PhD (Doctoral Degree)
Ganguo Wu	Male	78	Independent Director	Master's Degree
Yongsheng Song	Male	63	Independent Director	Master's Degree
Dong Yi	Female	47	Independent Director	Bachelor's Degree

The composition of the Board of Directors thoroughly considers factors such as industry experience, academic qualifications, competencies, and gender balance to ensure compliance with independence and diversity requirements.



The Company convened 7 Board of Directors meetings, reviewing and passing 44 resolutions. The convening procedures, voting processes, outcomes, and resolution contents fully complied with applicable laws, regulations, and the Articles of Association.

Number of Meetings: 7 **Number of Attendees: 9** **Attendance Rate: 100%**

The Company has established four specialized committees under its Board of the Audit Committee, Strategy and ESG Committee, Remuneration and Appraisal Committee, and Nomination Committee. Corresponding governance documents were formulated, including the Audit Committee Work Rules, Nomination Committee Work Rules, and Remuneration and Appraisal Committee Work Rules of Sinomine Group Co., Ltd. The proportion of independent directors in each committee meets the two-thirds requirement, fully compliant with applicable laws and regulations.

Members of Each Board Committee of Sinomine

Committee Name	Members
Audit Committee	Dong Yi *, Ganguo Wu, Xuegang Ou
Strategy and ESG Committee	Pingwei Wang*, Xuegang Ou, Yongsheng Song
Remuneration and Appraisal Committee	Dong Yi *, Yongsheng Song, Pingwei Wang
Nomination Committee	Ganguo Wu *, Yongsheng Song, Pingwei Wang

"*"Indicates Chairperson

The Company convened 3 meetings of the Audit Committee and 2 meetings of the Strategy and ESG Committee during the reporting period, reviewing and passing 23 resolutions in total. All proceedings, including convening procedures, voting processes, outcomes, and resolution contents, complied with applicable laws, regulations, and the Articles of Association. Sinomine's directors strictly upheld their obligations of integrity and diligence, actively participated in Board and General Meetings of Shareholders, executed required document signings, and engaged in specialized training to deepen their understanding of relevant laws and regulations. These efforts ensured the protection of company and shareholder interests. Committee members provided constructive input to enhance the scientific basis of Board decision-making.

Supervisory Board

The Company strictly fulfills its governance responsibilities in accordance with the Articles of Association and Rules of Procedure for the Supervisory Board. The Supervisory Board comprises 3 members, including 1 employee representative supervisor elected by the Employees' Congress. The size and composition of the Supervisory Board comply with applicable laws, regulations, and the Articles of Association.

Supervisory Board Members (6th Term)

Name	Gender	Age	Position
Yinfang Zhang	Female	53	Chairperson of the Board of Supervisors
Yunhu Wang	Male	34	Supervisor, Audit Supervisor of Audit & Supervision Department
Shanyi Wang	Female	34	Supervisor, Securities Affairs Assistant of Securities Affairs Department

During the reporting period, the Board of Supervisors convened 5 meetings, reviewing and passing 19 resolutions. All proceedings—including convening procedures, voting processes, outcomes, and resolution contents—fully complied with applicable laws, regulations, and the Articles of Association. Supervisors conducted oversight over major corporate matters, financial conditions, and the lawful performance of directors and senior executives, effectively ensuring the standardized operation of the Board of Supervisors.

Number of Meetings: 5 | **Number of Attendees: 3** | **Attendance Rate: 100%**

Senior Executive Team

Under the guidance of ESG principles, Sinomine's senior executive team has demonstrated exceptional leadership and accountability.

Environmental (E) Dimension:

The executive team actively promotes the implementation of sustainable operational strategies, integrating environmental considerations into corporate strategic planning through resource efficiency, energy conservation and emission reduction initiatives. These efforts have significantly reduced the company's operational environmental impact and accelerated industry-wide green and low-carbon transitions.

Social (S) Dimension:

Focusing on building a sustainable ecosystem between the enterprise and society, the team prioritizes community engagement projects, organizes employee volunteer programs, strengthens employee rights protection mechanisms, and fosters an inclusive corporate culture. By fulfilling social responsibilities, the company enhances its social reputation and brand value.

Governance (G) Dimension:

The executive team has established a scientifically designed governance framework to ensure compliance, transparency in decision-making, timely and complete information disclosure, and continuous improvement of internal controls and risk management systems. Leveraging professional management expertise and ethical standards, they safeguard shareholder and investor interests while advancing the comprehensive implementation of Sinomine's ESG strategy, driving high-quality development.

PINGWEI WANG

Chairman
CEO
Professorate Senior Engineer
Chinese National Exploration Master

JINWEI ZHANG

Vice President
Secretary of the Board
Senior Engineer
National Judicial Authenticators

XUESHU ZHANG

Vice President
Ph.D. in Geosciences
Professorate Senior Engineer
JORC Standard Competent Person

ZHENHUA WANG

Vice President
Association of Chinese New Energy Miners in Zimbabwe
Master Degree Candidate

YANLONG JIANG

CFO
CMA
CCTA
Senior Accountant

Governance Strategy

Strategy

Consolidate and strengthen main businesses, unwaveringly deepen advantages.

Implement innovation to enhance core competitiveness.

Promote an ESG system, and deepen the development of green and low-carbon initiatives.

Each business segment of Sinomine will adhere to the business philosophy of "focusing on resources, concentrating on new materials, leveraging capital, and achieving excellence," and will follow the group company's goal of "coordinated development, steady progress." The aim is to become an international mining group company centered on the production and supply of lithium battery new energy materials, the development and utilization of rare light metal resources, the development and utilization of copper mineral resources, and solid mineral exploration and mining rights development.

Sinomine convened the 2024 Annual Review and 2025 Strategic Planning Workshop from January 8 to 11, 2025

Sinomine successfully established a global supply chain network covering major resource-producing regions through deepening international capacity cooperation in energy metals and rare strategic resources during the reporting period. The Company innovatively implemented a triple-integrated internationalization strategy (technology + capital + service), building a whole-industry-chain synergy system encompassing exploration, development, smelting, processing, trade, and logistics, delivering Sinomine solutions to ensure global resource security.

On January 7, 2024, Sinomine's wholly-owned subsidiary, Sinomine (Hong Kong) Rare Metal Resources Co., Ltd., signed an acquisition agreement for the Tsumeb Smelter in Namibia with Dundee Precious Metals Inc., attended by Chairman and CEO Pingwei Wang leading a delegation. During the Namibia visit, Sinomine held meetings with senior officials from the Ministry of Mines and Energy, Ministry of Environment and Tourism, Ministry of Finance and Public Enterprises, Ministry of Industry and Trade, and local government leaders in Tsumeb City. Discussions focused on extending the copper value chain, deep-mining technology collaboration, green mine construction, tax policy coordination, cross-border trade corridor optimization, and community development partnerships. Through systematic strategic alignment, Namibian authorities highly recognized Sinomine's technical expertise and industrial planning in copper resource development.

Pingwei Wang, Chairman and CEO of Sinomine, met with senior officials from four key government departments in Namibia and the leadership of Tsumeb City during his visit

On March 14, 2024, Pingwei Wang, Chairman and CEO of Sinomine, met with Zambian President Hakainde Hichilema in Lusaka. During the meeting, Pingwei Wang outlined Sinomine's recent developments, particularly highlighting its investments and growth plans in Zambia. President Hichilema warmly welcomed and strongly affirmed Sinomine's expanded investment in Zambia. Following the meeting, Pingwei Wang attended and represented Sinomine at the signing ceremony for the acquisition of Kitumba Copper Mine shares, where he formally signed the acquisition agreement on behalf of the company.

Pingwei Wang, Chairman and CEO of Sinomine, met with Zambian President Hakainde Hichilema in Lusaka

On August 16, 2024, the inauguration ceremony for Sinomine's Kitumba Copper Mine was held. Attendees included Zambian President Hakainde Hichilema, senior government officials, local chiefs, Han Jing, Chinese Ambassador to Zambia, and Pingwei Wang, Chairman and CEO of Sinomine, all of whom delivered speeches at the event.

Sinomine's Kitumba Copper Mine Inauguration Ceremony in Zambia

From September 3–6, 2024, leveraging the critical momentum of the Forum on China-Africa Cooperation (FOCAC), Pingwei Wang, Chairman and CEO of Sinomine, successively met with presidents of Namibia, Zimbabwe, and Zambia, alongside senior government officials from these nations. Discussions focused on deepening mining investment collaboration, enhancing local mining industry capabilities, promoting employment opportunities, and advancing environmental protection initiatives.

Pingwei Wang, Chairman and CEO of Sinomine, met with presidents of Zimbabwe (Top-left), Namibia (bottom-left), and Zambia (right) during the Forum on China-Africa Cooperation (FOCAC).

To further implement the multi-metal platform development strategy and enhance product recognition and consistency, Sinomine's wholly-owned subsidiaries Jiangxi Dongpeng New Materials Co., Ltd. and Jiangxi Chunpeng Lithium Co., Ltd. were renamed as Sinomine (Jiangxi) New Materials Co., Ltd. and Sinomine (Jiangxi) Lithium Co., Ltd. in January 2025. Concurrently, to optimize resource allocation and strengthen market competitiveness amid industry transformation and market challenges, the company redefined business scopes for Jiangxi Sinomine New Materials and Jiangxi Sinomine Lithium:

Jiangxi Sinomine New Materials expanded its existing cesium-rubidium business to include other small metals, positioning itself as a specialized and internationalized new materials company focused on rare light metals.

Jiangxi Sinomine Lithium consolidated existing production capacity, personnel, technology, and sales capabilities to elevate R&D capabilities and improve lithium salt product quality, advancing toward its goal of becoming a world-leading lithium salt producer.

Supervisory Strategy

The Company continuously refines its hierarchical governance structure across the General Meeting of Shareholders, Board of Directors, Board of Supervisors, and executive management, clarifying distinct tiers for decision-making, oversight, and execution. It has established and improved internal control systems, forming a corporate governance mechanism characterized by effective checks and balances and scientific decision-making. During the reporting period, the operations of the "Three Key Governance Bodies" (Shareholders' Meeting, Board of Directors, and Board of Supervisors) proceeded normally, effectively fulfilling their respective decision-making and oversight functions.

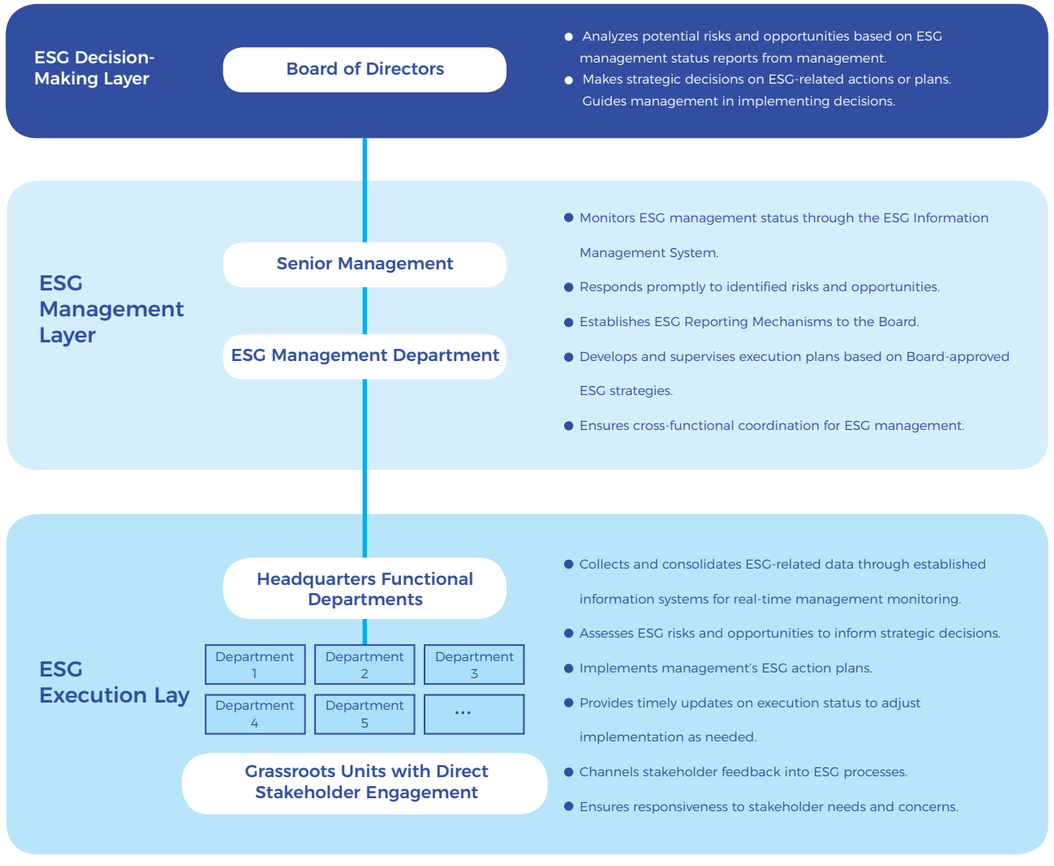
Sinomine upholds standardized governance as the cornerstone of high-quality development. In this fiscal year, guided by the Articles of Association, the Company fully upgraded the Detailed Rules for Major Event Reporting and Information Management. By implementing closed-loop management mechanisms throughout the entire process—from risk identification and decision review to information disclosure—governance efficiency has advanced into a new era of digitization and precision.

Throughout the reporting period, directors, supervisors, and senior executives, in line with their responsibilities to the company, shareholders, and society, solemnly signed the Directors' Declaration and Commitment Letter, Supervisors' Declaration and Commitment Letter, and Senior Executives' Declaration and Commitment Letter. Directors pledged to diligently fulfill their duties, participate in governance in compliance with laws and regulations, and safeguard shareholder interests. Supervisors committed to rigorous oversight of corporate operations to ensure lawful compliance and effective fulfillment of supervisory roles. Senior executives vowed to execute management responsibilities with professionalism and diligence, driving the realization of strategic objectives. Collectively, they strive to enhance governance standards and social responsibility performance, solidifying the foundation for sustainable development and advancing ESG initiatives.
The Company incorporates ESG-related risks into its risk management framework. As a lithium-cesium mining and lithium chemical, rubidium-cesium chemical material producer, we have identified business-related physical risks (e.g., employee occupational health and safety) and transition risks (e.g., environmental protection, commercial reputation) as critical challenges.

Sinomine prioritizes communication with stakeholders, engaging regularly with employees, clients, partners, and suppliers to address issues, build consensus, and report progress. The Company enforces stringent procurement, audit, and control systems. Regular anti-corruption training is conducted to resolutely oppose corrupt practices, prevent environmental harm, abuse of power, misallocation of investments, and breaches of legal principles.

ESG Governance System

Sinomine has established a systematic ESG governance framework, with clear delineation of ownership and operational rights. The General Meeting of Shareholders, Board of Directors, Board of Supervisors, and executive management maintain well-defined responsibilities, collaborative alignment, and mutual support, forming a whole-chain governance mechanism encompassing strategic planning, scientific decision-making, risk monitoring, and accountability enforcement. This framework drives the deep integration of environmental, social, and governance objectives.
Under the Board's oversight, Sinomine has built a hierarchical ESG governance structure. The Strategy and ESG Committee oversees the implementation of the Board's ESG strategies and cross-departmental coordination. Chaired by the company's Chairman, the Committee includes members specializing in core ESG domains such as mine construction, compliant operations, community integration, resource efficiency, and employee development, combining professional depth with functional diversity.
On January 12, 2024, the Eighth Meeting of the Sixth Board of Directors reviewed and approved the Proposal on Adjusting the Company's Organizational Structure, approving the establishment of an ESG Management Department. This department integrates resources across headquarters functions and regional subsidiaries to drive ESG strategy implementation. Through a network of ESG liaisons in subsidiaries, it establishes a grid-based management system covering the entire business chain. Headquarters departments (e.g., technology, production, operations) and regional branches form a specialized ESG execution network, leveraging multi-level coordination mechanisms to decompose strategic objectives, deliver precise policy communication, and establish closed-loop risk control systems (monitoring, early warning, improvement) alongside stakeholder communication platforms. This ensures ESG practices are traceable, measurable, and sustainable.



ESG Governance Structure of Sinomine

Operational Sustainability

In production and operations, the Company continuously optimizes process innovation to effectively reduce carbon emissions during ore extraction, selection, and lithium salt manufacturing. It prioritizes the adoption of clean renewable energy over conventional sources, progressively increasing the share of clean energy applications. Additionally, it promotes the use of cesium formate in the oil and gas industry as completion and drilling fluids, systematically advancing sustainable development initiatives in energy efficiency, waste emission reduction, and social responsibility.

Future Commitments

The Company will advance its green development strategy, refine its ESG governance framework, proactively align with internationally recognized ESG standards, and publish regular ESG-specific reports. Through diversified initiatives, it aims to maximize shareholder, employee, and societal value while contributing to China's Dual Carbon Peaking and Neutrality Goals.

Awards and Recognition

On November 29, 2024, Bikita was honored with two major corporate awards at the 2024 National ESG & CSR Awards Ceremony held at the Harare International Conference Centre in Zimbabwe's capital: the "ESG Green Champion Award" and the "Responsible Mining & Clean Energy Leadership Award". Mr. Xuedong Gong, General Manager of Bikita, was also awarded the "ESG Excellence in Leadership Prize".

Bikita has been honored with the 2024 Green Champion Award

Bikita has been honored with the 2024 Responsible Mining & Clean Energy Champion Award

Xuedong Gong has been honored with the ESG Business Leadership Award

ESG Risk Management

Sinomine strictly complies with operational laws and regulations, including the Company Law of the People's Republic of China, Audit Law of the People's Republic of China, Basic Standard for Enterprise Internal Control, Regulations on Internal Audit Work by the National Audit Office, and Chinese Internal Audit Standards. The Company has established governance frameworks such as the Internal Audit Work System and Sinomine Internal Audit Handling and Penalties Regulations. Its risk management architecture—governed by the Board of Directors, supervised by the Audit Committee, and executed by the Audit & Supervision Department and subsidiaries—focuses on systematic risk management, lifecycle risk control, risk response, and continuous improvement to identify, manage, monitor, and mitigate risks across the organization.

Systemic Risk Management Framework

Building on the Global Risk Governance Framework (GRGF) and ISO 31000 standards, Sinomine has developed a comprehensive ESG risk management system covering strategic decision-making and operational execution. Through a closed-loop four-step process (risk identification, assessment, response, and monitoring), the framework ensures stability in core areas such as asset security, ecological protection, employee welfare, community relations, and corporate reputation, thereby creating long-term value for shareholders and stakeholders.

ESG Risk Governance Framework

Management Layer: Decides major ESG risk issues and crisis management plans.

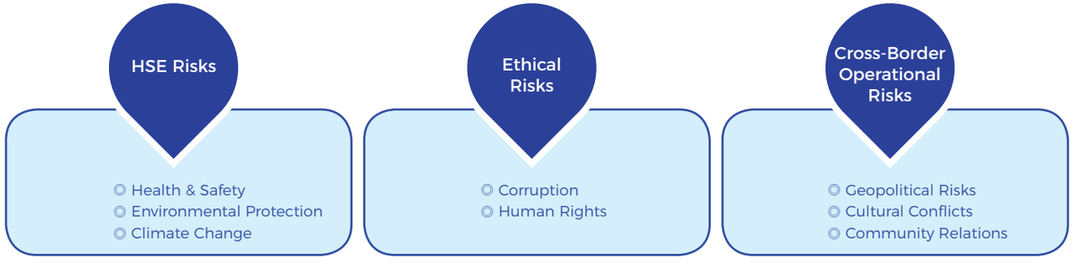
Executive Layer: Leads the establishment of risk control systems and integrates ESG strategies into business operations.

Implementation Layer: Independently reviews risk management effectiveness to ensure governance transparency.

Sinomine's ESG Risk Management Architecture

ESG Risk Management Practices

Amid deepening global stakeholder engagement and escalating demands for corporate accountability, mining enterprises face intensifying environmental, community, and governance challenges. Sinomine recognizes that stakeholders' expectations for ESG performance—going beyond compliance obligations—represent not only a critical source of industry risk but also a strategic imperative to drive sustainability-driven innovation and operational transformation.



Key ESG Risks Faced by Sinomine

Whole-Life Cycle Risk Management

Investment Decision Phase

◎ Establish cross-disciplinary expert teams (covering geology, environmental science, community development, international law, etc.) during project due diligence.

◎ Integrate IRMA (Responsible Mining Initiative) Standards and ESG Risk Assessment Matrix to conduct systematic evaluations across resource development, ecological disturbance, indigenous rights protection, and supply chain compliance.

◎ Invest only in high-quality projects with controllable ESG risks and improvement potential.

Construction & Operational Phase

Design Optimization:
Apply green mining technologies (e.g., low-water-consumption mineral processing, digital tailings monitoring systems) to reduce environmental risk exposure.

Dynamic Monitoring:
Utilize IoT sensors and satellite remote sensing to monitor ecological indicators in real time, establishing rapid-response emergency protocols.

Community Co-Governance:
Allocate community development funds and build shared-benefit mechanisms with local governments and NGOs to resolve social conflicts through dialogue.

Mine Closure & Rehabilitation Phase

◎ Develop whole-life cycle ecological management plans and earmark dedicated funds for post-closure rehabilitation.

◎ Engage CNAS-accredited third-party institutions to evaluate rehabilitation outcomes, ensuring land functionality restoration and biodiversity conservation.

Risk Response & Continuous Improvement Phase

Build efficient risk management mechanisms:

◎ Establish bidirectional coordination between headquarters and subsidiaries for real-time risk alerts and localized feedback integration.

◎ Develop an ESG Root Cause Analysis Decision System to map risk incident types to governance gaps, systematically upgrading policies (e.g., Community Conflict Grading and Control Protocol as a specialized tool).

◎ Conduct multi-scenario ESG stress tests to enhance emergency preparedness.

Stakeholder Collaboration:
Implement regular communication channels through ESG-specific reporting, stakeholder forums, and feedback collection from investors, employees, NGOs, and community representatives.

Business Ethics

Sinomine has established internal policies such as the Internal Control Handbook and Supervision Management Measures in accordance with the Audit Law of the People's Republic of China, Regulations on Internal Audit Work by the National Audit Office, Criminal Law of the People's Republic of China, Anti-Monopoly Law of the People's Republic of China, Anti-Unfair Competition Law of the People's Republic of China, Interim Provisions on Prohibiting Commercial Bribery, and local laws governing its operations. These policies clarify the company's stance on business ethics and require employees and partner suppliers/contractors to adhere to its ethical guidelines. Supporting frameworks include the Internal Audit Handling and Penalties Regulations, Employee Investment Behavior Management Measures, and Internal Audit Work System.

Governance Framework

Audit Committee: Oversees business ethics and anti-corruption strategies, sets strategic direction and objectives under the Board of Directors.
Audit & Supervision Department: Acts as the dedicated ESG governance body, ensuring independence in internal oversight.
Dual Oversight Mechanism:

◎ Business Units (e.g., mining, lithium production, international trade, engineering contracting) assume primary compliance responsibility.

◎ Headquarters Departments conduct unannounced audits, compliance reviews, and whistleblower investigations to enforce accountability down to operational levels.

◎ Compliance Oversight: Dedicated compliance officers in all major operational sites, vertically managed by the Audit & Supervision Department, ensure full coverage.

Risk Management

Preventive Measures	Risk Identification	Risk Review	Compliance Improvement
Refine policies, optimize processes, and conduct risk assessments. Promote anti-corruption training and whistleblower channels to prevent unethical practices.	Regular internal/external audits, third-party compliance checks (suppliers, agents, distributors, contractors), and policy updates.	Audit Committee reviews findings from audits, investigations, and system adequacy.	Continuous monitoring until issues are fully resolved or mitigated.

Information Disclosure

Internal Reporting System:
Obligated personnel must report material events impacting share prices to the Board and Board Secretary immediately.

Board Secretary Responsibilities:
Direct responsibility for managing disclosures, coordinating with the Board, and liaising with investors/regulators.

Reporting Hierarchy:
Senior executives, department heads, and the Board Secretary share reporting duties.

Workflow:
Reporters monitor developments and fulfill obligations promptly under specific triggers.

Sinomine was honored with an A-grade Rating for Information Disclosure Practices by SZSE

Anti-Corruption

In global mining operations, multi-jurisdictional regulatory disparities create complex compliance challenges. The intersection of host-country anti-corruption laws, ESG disclosure policies, and conflict mineral regulations may trigger legal conflicts or regulatory arbitrage risks. Violations such as bribery, asset misappropriation, engineering measurement fraud, collusive bidding in procurement, and misappropriation of community compensation funds not only escalate project costs and weaken resource acquisition leverage but also erode trust with host governments and international investors, potentially leading to frozen development licenses, ESG rating downgrades, or cascading crises.

Sinomine strictly adheres to the United Nations Convention against Corruption, its Supervision Management Measures, and Audit Handling and Penalties Regulations. Senior executives sign Integrity Commitment Letters, while business unit leaders execute Anti-Fraud and Anti-Bribery Responsibility Pledges. Anti-corruption is embedded as a core risk identification element, with dynamic risk lists updated regularly for precision and completeness. To prevent asset misappropriation, strict inventory management and surprise audits are enforced. For procurement fraud mitigation, supplier exclusion lists and blacklist policies are implemented. An annual anti-corruption assessment mechanism continuously refines risk controls and fosters a compliance culture.

Integrity Governance Framework

Ethics Training & Capacity Building
Systematic integrity risk assessments and tailored training programs for high-risk roles, including: Mandatory annual ethics training for directors, supervisors, and senior executives; Pre-employment integrity orientation for new hires; Specialized anti-corruption workshops for logistics, finance, and engineering teams.

Ethical Accountability Measures
Enforcement of Integrity Commitment Pledges for newly promoted middle/high-level managers; Public dissemination of global corruption case studies to reinforce deterrence; Employee-driven anti-corruption initiatives to cultivate organizational integrity.

Supplier & Partner Integrity Agreements
Legally binding anti-corruption clauses in contracts with subsidiaries, suppliers, and contractors (violations trigger immediate blacklist exclusion); Signed Integrity Cooperation Agreements with key suppliers during FY2024.

Anti-Corruption Compliance

Prohibition of insider trading by privileged personnel; violations reported through audits, regulatory inquiries, or whistleblower channels are prosecuted under applicable laws.

Internal audit mechanisms investigate managerial overreach or systemic non-compliance, with senior executive misconduct reviewed by the Audit Committee. Disciplinary actions are disclosed via formal channels (e.g., board meetings, official notices) based on severity.

FY2024 Metrics:

Conducted **2** ethics training sessions for new hires and **2** for business units;

Resolved **4** employee misconduct cases involving **9** individuals.

Anti-Corruption Reporting Protocol

Employees and stakeholders must report violations through:
Direct Reporting Channels:
Submission to the Audit & Supervision Department or department heads;
Confidential Channels:
Email: SJJC@sinomine.com
Phone Number: +86-010-88588188-8901

Investor Relations

Investor Relations Management System

The Company has established an Investor Relations Management System in accordance with the Company Law of the People's Republic of China, Shenzhen Stock Exchange Listing Rules, and Articles of Association.

Equity Protection Mechanisms

Equal access for all shareholders (including minorities) to critical information, decision-making, and voting rights.

Transparency Measures:

- ◎ Dedicated Q&A sessions with directors, supervisors, and executives.
- ◎ Independent tallying and disclosure of minority shareholder votes.
- ◎ Formal feedback channels for investor suggestions, with actionable responses.

Diversified Communication Channels

During the reporting period, the Company implemented a multi-channel investor engagement strategy:

1. Statutory Disclosure Channels: Regular financial reporting and regulatory filings.
2. Direct Engagement:
   - ◎ 4 earnings interpretation sessions;
   - ◎ 8 Investor Relations Activity Reports (covering 1,000+ institutional investors);
   - ◎ 102 responses on the "Hudongyi" Interactive Platform.
3. Outreach Programs:
   - ◎ 600+ investor hotline calls;
   - ◎ 63 corporate news releases via official website, email, and WeChat.
4. Roadshows & Institutional Visits:
   - ◎ 12 roadshow events and reverse roadshow meetings.

Market Performance & Accolades

Index Inclusion: Shares listed in indices including the Shenzhen Component Index, CSI 500, and CSI 800.

Research Coverage: 58 brokerage research reports published in 2024, ranking among the top in the market.

In 2024, the company received 12 major capital market awards, including:

- ◎ New Fortune "Golden Secretary" Award
- ◎ China Securities Times "Top 100 Mainboard Listed Companies by Value"
- ◎ China Securities Journal "Golden Secretary Award"
- ◎ China Association for Public Companies "4A Rating for Directors' Duty Fulfillment"

Additionally, the company ranked:

- ◎ 32nd among Beijing Manufacturing Top 100 Enterprises
- ◎ 18th among Beijing High-Tech and Precision Industries Top 100 Enterprises

32nd among Beijing Manufacturing Top 100 Enterprises;18th among Beijing High-Tech and Precision Industries Top 100 Enterprises

New Fortune "Golden Secretary" Award; China Securities Times "Top 100 Mainboard Listed Companies by Value"; China Securities Journal "Golden Secretary Award"

Green Development in Harmony with Nature

In advancing the development of new quality productive forces in the lithium battery industry and expanding its global business operations, Sinomine upholds the mission of green development and social responsibility, driving efficient operations across all projects.

The Company has established a robust and effective Environmental Management System (EMS), strictly complying with local environmental regulations across its operational regions. By actively adopting green and low-carbon technologies and pursuing technological innovation, Sinomine positions itself as a benchmark enterprise in addressing climate change and achieving harmony between industrial growth and ecological preservation.

Environmental stewardship is a cornerstone of Sinomine's global strategy. As a multinational enterprise with operations in mining and raw material processing, the Company prioritizes environmental impact assessments and transparent disclosure of risk mitigation strategies worldwide. By aligning operational practices with stakeholder expectations for sustainability, Sinomine ensures mutually beneficial progress between business growth and ecological conservation.

Contents

| This chapter addresses the Sustainable Development Goals (SDGs) |

Environmental Management

Environmental Management Systems

Three-Tier Governance Framework

Strategic Decision-Making Layer

Board of Directors: Oversees the top-level design of environmental protection and "dual carbon peaking and neutrality goals" (SDGs 13 & 7), integrating ecological red line indicators into long-term development plans.

Strategy & ESG Committee: Authorized to evaluate progress toward environmental targets.

Execution & Oversight Layer

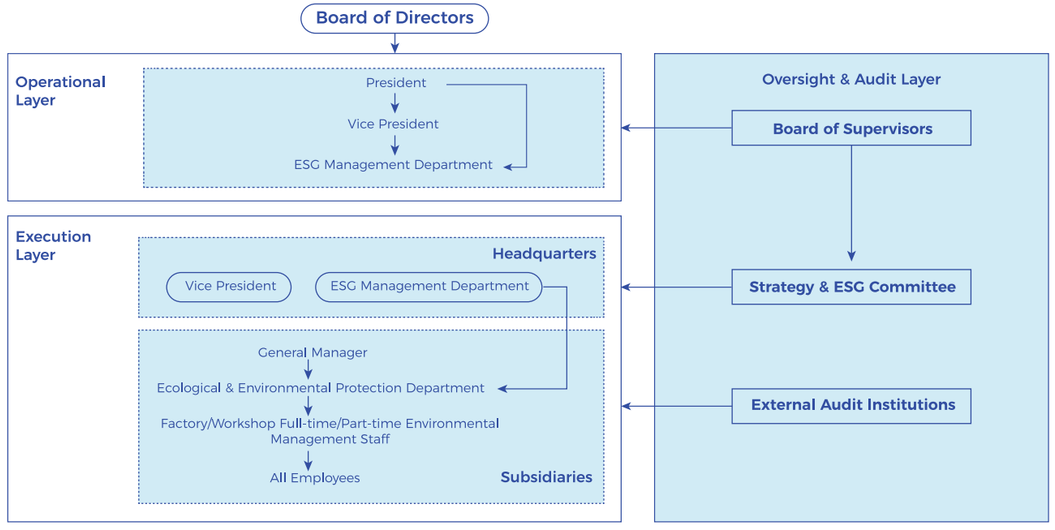
Vice President: Direct oversight of implementation.

ESG Management Department: Coordinates seven strategic initiatives, including:

- ◎ Renewable energy transition;
- ◎ Pollution prevention and control;
- ◎ Circular economy development;
- ◎ Mine ecological restoration.

Implementation & Assurance Layer

Field Operations: Deployment of Environmental, Health & Safety (EHS) Engineers at all mining sites to ensure compliance and risk mitigation.



Sinomine Environmental Management Framework

Environmental Performance Metrics (2024)

Environmental Protection Funding:

Annual investment: RMB **99.96** million.

ISO 14001 Environmental Management System:

100% implementation coverage across the Group;

2 subsidiaries certified.

Green Factory Certification:

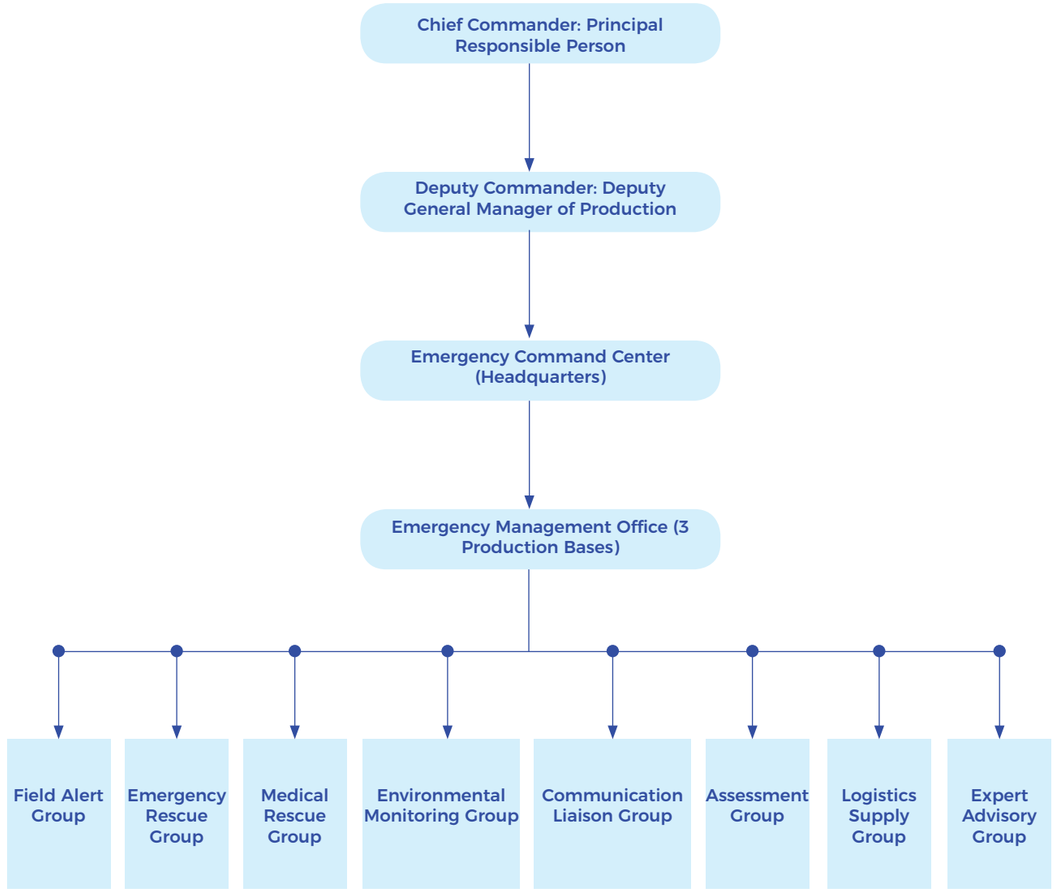
Jiangxi Sinomine New Materials was awarded the National Green Factory title for 2023.

Environmental Management System Certification Certificate

Environmental Emergency Management

Sinomine strictly complies with the Environmental Protection Law of the People's Republic of China, Water Pollution Prevention and Control Law, Atmospheric Pollution Prevention and Control Law, and Regulations on Emergency Management of Environmental Incidents. The Company has established a comprehensive emergency response plan system to ensure rapid, efficient, and orderly activation of emergency measures at its facilities, minimizing environmental impacts from unforeseen incidents. Emergency plans are tailored to the specific conditions of each facility.

In 2024, 100% of Sinomine's production bases achieved full coverage of environmental emergency management systems and protocols, with each base developing dedicated emergency response plans for environmental incidents.



Jiangxi Production Base Environmental Emergency Management Architecture

Environmental Emergency Drill at Sinomine's Jiangxi Production Base

Bikita has established a Joint Safety (Environmental) Management Committee and a CSR Working Committee, both co-led by Chinese and Zimbabwean management teams. These committees are chaired by the General Manager, with members including the Mine Manager, Director of Public Relations, and other local executives.

To enhance environmental governance, dust control, and emergency response capabilities, Bikita has procured fire trucks, water sprinklers, and waste transfer vehicles, which also serve surrounding communities. Additionally, the company has equipped its facilities with firefighting gear, personal protective equipment (PPE), and emergency supplies to ensure employee safety. Safety warning signs have been installed across the entire site, including factories, workshops, offices, mining areas, and roads.

The Health, Safety, and Environment (HSE) Department has expanded from 2 to 13 staff members, with dedicated safety officers assigned to each department. Furthermore, Bikita has trained an 18-member Mine Emergency Rescue Team, composed of firefighters from various departments, to bolster on-site emergency response capabilities.

Zimbabwe Bikita Mine Environmental Emergency Drill

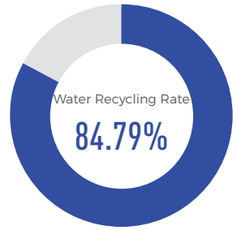
Water Resources Management

In 2024, the Company's total water consumption amounted to 7,376,158.68 tonnes, with a water intake of 13.75 tonnes per RMB 10,000 revenue and 17.77 tonnes of water per tonne of lithium carbonate equivalent (LCE).

The majority of water utilized was recycled process water, totaling 41,103,979.39 tonnes, achieving a water recycling rate of 84.79%.

The Company's Total Water Consumption in 2024

7,376,158.68 tonnes



Recycled Process Water

41,103,979.39 tonnes

Sinomine has established a whole-life cycle water management system aligned with domestic and international regulatory frameworks.

Domestically, operations comply with the Water Law of the People's Republic of China and the Yangtze River Protection Law. For cross-border projects, the Company references the World Bank Group's Environmental, Health, and Safety (EHS) Guidelines for industrial wastewater treatment and ISO 46001 Water Efficiency Management Systems. Local regulations, such as regional Basin Water Resource Protection Ordinances, are integrated into operational practices. A Water Sustainability Policy defines accountability through the Board of Directors and ESG Committee, embedding water-saving innovations and risk assessments into feasibility studies and performance evaluations to optimize water use efficiency.

In 2024, a hydrological risk assessment was conducted across seven major production bases using the World Resources Institute (WRI) Water Risk Assessment Framework. Key physical risk indicators—including water stress, depletion, inter-annual variability, seasonal variability, groundwater decline, river flood risk, coastal flood risk, and drought risk—were evaluated. Results confirmed no bases fell within the IPCC AR6 high-risk threshold (RI ≥ 0.75).

Future Control Measures:

01 Monitor dynamic hydrological changes in production regions;

02 Advance water-efficient industrial system upgrades;

03 Develop climate-resilient water supply plans (including tiered emergency response mechanisms);

04 Conduct enterprise-wide water conservation audits.

Water Use Policy

1. Water Use Target

In 2024, we established the following strategic water management objectives:

Annual Improvement Target:
Increase the company's water recycling rate by no less than 1.5% year-on-year over the next three years.

Total Volume Control Target:
Set water allocation limits based on production scale, employee numbers, and other factors to ensure rational resource distribution.

Efficiency Enhancement Target:
Reduce water intensity per unit product through technological upgrades and operational optimizations, with specific reduction benchmarks set for each ton of output. Ensure water use aligns with regional sustainability by prioritizing local water availability and regeneration capacity.

2. Water Management Policies

1). Measurement & Monitoring Policy

◎ Install advanced metering devices (e.g., smart water meters) to track water usage across departments and production processes with high precision.

◎ Implement regular monitoring protocols, including daily/weekly statistical analysis of consumption data, to promptly identify abnormal usage patterns.

2). Water Allocation Policy

◎ Allocate water resources based on operational needs, ensuring rational distribution.

- Production departments: Assign quotas according to production schedules and equipment requirements, prioritizing critical processes.
- Administrative areas: Allocate volumes based on staff numbers and daily needs to minimize waste.

3). Water Quality Management Policy

◎ Ensure compliance with national/international water quality standards.

- Process water: Treat and monitor based on production specifications (e.g., pH, turbidity).
- Domestic water: Test and purify per health regulations (e.g., WHO guidelines) to safeguard employee well-being.

3. Water Conservation Measures

Technology Improvements	Employee Engagement
◎ Production Processes: • Adopt high-efficiency cooling equipment and closed-loop water circulation systems to maximize reuse of cooling water, minimizing freshwater intake. • Implement automated flow controls to optimize water consumption in key production stages. ◎ Facility Upgrades: • Install sensor-activated faucets and low-flow toilets in restrooms to prevent unnecessary water flow. • Deploy high-efficiency cooling systems with closed-loop recycling and sensor-based faucets/toilets to minimize freshwater intake.	◎ Awareness Programs: Conduct water conservation workshops and distribute educational materials to highlight the value of water resources and the company's sustainability goals. ◎ Incentive Mechanisms: Establish a water-saving reward system to recognize teams/individuals contributing to reduced consumption.

Jiangxi Sinomine Lithium's Water Conservation Practices

Adhering to the principle of "graded utilization, multi-purpose use, and wastewater recycling", Jiangxi Sinomine Lithium has elevated its water recycling rate through:

◎ Closed-loop water supply systems for process mother liquor and condensate recycling;
◎ Counter-current washing in leaching to fully reuse wash water;
◎ Tiered water allocation aligned with process requirements;
◎ Steam condensate and cooling water recycling;
◎ Sewage collection pools for treated wastewater reuse in acidification kilns and leaching;
◎ Multi-stage treatment of runoff and flue gas desulfurization wastewater for indirect cooling.

Bikita's Water Conservation Practices

During the reporting period, Bikita implemented a three-tier water treatment system (pretreatment, advanced purification, and recycling), reducing freshwater consumption by over 30% while lowering wastewater discharge and environmental risks. Key technical modules include:

1. Water Recycling Process

Primary Treatment:

◎ Multi-stage mechanical filtration to remove suspended solids;
◎ pH adjustment and coagulation to eliminate heavy metals;
◎ Reverse osmosis for dissolved solids and microbial remova.

2. Resource Recovery:

◎ High-purity water reused for ore washing and equipment cooling;
◎ Biologically treated effluent repurposed as flotation reagent preparation water.

Bikita's Mine Tailings Water Recycling Facility

Pollution Prevention and Control

The Company has established a world-class pollution prevention and control system, strictly complying with domestic regulations such as the Environmental Protection Law of the People's Republic of China and the Regulations on Pollutant Discharge Permits, while fully aligning with jurisdictional laws including Zimbabwe's Mining Environment Act and Canada's Fisheries Act and Environmental Management Act. Through adherence to ISO 14001 (Environmental Management Systems) and ISO 45001 (Occupational Health and Safety Management Systems), the Company maintains a globally compliant operational framework.

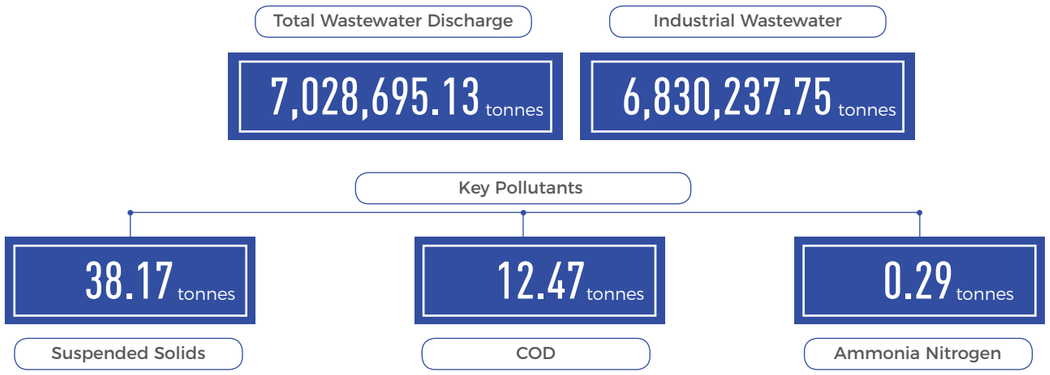
Wastewater Management ○

2024 Performance

Total wastewater discharge: 7,028,695.13 tonnes, including 6,830,237.75 tonnes of industrial wastewater.

Key pollutants: 38.17 tonnes of suspended solids, 12.47 tonnes of chemical oxygen demand (COD), and 0.29 tonnes of ammonia nitrogen.

All domestic and international production bases achieved compliance with discharge standards, with zero instances of exceedances.



Jiangxi Sinomine Lithium's Wastewater Treatment

1. Sources: Initial rainwater, leaching residue washing wastewater, process condensate, ion-exchange backwash water, flue gas treatment wastewater, leaching residue storage wastewater, vehicle wash water, boiler blowdown, cooling tower blowdown, floor wash water, vacuum pump wastewater, boiler soft water preparation wastewater, and domestic sewage.
2. Closed-loop Design:
   ◎ Evaporated steam from sodium sulfate, lithium hydroxide, and lithium carbonate production is condensed and reused in processes.
   ◎ Cooling tower blowdown is reused for boiler soft water preparation.
   ◎ Leaching residue washing wastewater, vehicle wash water, and storage wastewater are recycled within leaching processes.
3. External Discharge: Includes boiler periodic blowdown, floor wash water, vacuum pump wastewater, soft water preparation wastewater, and domestic sewage. Treatment follows a "separate stormwater and wastewater" principle, with effluent meeting GB31573-2015 (Indirect Discharge Standards for Inorganic Chemical Industries).

Zimbabwe Bikita's Wastewater Management

Quarterly testing of mine and residential area wastewater, with reports submitted to Masvingo Province. Compliance with Zimbabwe's Environmental Management Act, including declaration of discharge points and pollution mitigation measures.

1.Third-party verified wastewater management reports submitted to regulators.
2.Three-tier Environmental Protection System:
   ◎ Source Control: Automated ore washing systems, closed-loop water circulation.
   ◎ Process Monitoring: IoT-based water quality networks.
   ◎ Emergency Response: Mobile emergency water purification units and cross-border pollution prevention mechanisms with Zambia.
3.Continuous Improvement
   ◎ Two new wastewater treatment stations (200 tonnes/day capacity) using "anaerobic → aerobic → anoxic → sedimentation → clear water → recycled water" processes.
   ◎ ISO 22301-aligned wastewater leak simulation drills.

Canada Tanco's Wastewater Treatment

1. Compliance with Fisheries Act Regulation 36(5) (MDMER) and ISO 14001/ICMM standards.
2. Wastewater Types: Underground mine drainage, mineral processing wastewater, cerium treatment plant wastewater, and surface runoff.
3. Treatment Process:
   ◎ Collection → Pre-treatment (impurity removal + pH adjustment) → Gravity settling → Chemical precipitation (Fe^{3+}/Al^{3+} removal) → Clarification → Reverse osmosis (RO membrane rejection ≥99%) → UV disinfection → Tailings wetland secondary purification → Discharge (DBP ≤0.1 mg/L, COD ≤30 mg/L).
   ◎ Achieved ISO 17025 laboratory certification (testing Li^{+}, As, etc.) and supply chain environmental audits (28 contractors).

Air Pollution Control

During the reporting period, the Company's primary exhaust gas pollutants included 45.57 tonnes of nitrogen oxides, 5.35 tonnes of sulfur dioxide, and 50.74 tonnes of particulate matter, with zero instances of emission concentration exceedances.

Nitrogen Oxides	Sulfur Dioxide	Particulate Matter
45.57 tonnes	5.35 tonnes	50.74 tonnes

Adhering to the Environmental Protection Law of the People's Republic of China, the Atmospheric Pollution Prevention and Control Law, and industry regulatory requirements, the Company has established a whole-life cycle exhaust gas governance system under the principles of green and low-carbon development. This year, through the implementation of a "precision source identification – intelligent control – end – of-pipe treatment" integrated approach, Sinomine has fulfilled its environmental responsibilities as a listed company and set a benchmark for sustainable practices.

In compliance with the Regulations on Pollutant Discharge Permits, the Company enforces a top-leadership environmental accountability system, embedding exhaust gas management into the core modules of its ISO 14001 Environmental Management System. Over 10 specialized environmental protection training sessions were conducted annually, achieving 100% online connectivity of monitoring equipment in critical areas.

At Jiangxi Sinomine New Materials, a dry exhaust pretreatment system was implemented to optimize production processes, reducing dust emissions during ore crushing to less than 10 milligrams per cubic meter (national standard: less than or equal to 15 milligrams per cubic meter).

Waste Gas Treatment Facility Signage at Jiangxi Sinomine New Materials

At Jiangxi Sinomine Lithium, exhaust gas emissions primarily originate from acidification workshops and boiler rooms, including:

- Dust emissions from raw material storage and transportation
- Calcination kiln exhausts (including kiln inlet/outlet emissions)
- Ball mill exhausts
- Acidification kiln exhausts
- Acidification heat exchanger exhausts
- Leaching exhausts
- Decarbonization exhausts
- Causticization exhausts
- Carbonation exhausts
- Sodium sulfate drying exhausts
- Crushing process dust
- Lithium carbonate drying exhausts
- Natural gas boiler flue gas
- Unorganized dust emissions from raw material handling and transfer points
- Unorganized dust emissions from powder storage bins
- Unorganized dust emissions from material yards and loading/unloading zones
- Unorganized emissions from sulfuric acid storage tanks
- Unorganized emissions from ammonia solution storage tanks

Partial Exhaust Gas Treatment Facilities at Jiangxi Sinomine Lithium

Pre-mixed Slurry Waste Gas Treatment Facility
(Alkali Spray → Exhaust Stack)

Transition Kiln Tail Gas Treatment Facility
(Gravity Dust Collection → Metal Membrane Baghouse Dust Collection → Denitrification Unit → Desulfurization Unit → Baghouse Dust Collection → Exhaust Stack)

Waste Heat Boiler Waste Gas Treatment Facility
(Metal Membrane Baghouse Dust Collection → Waste Heat Boiler → Exhaust Chimney)

Acidification Kiln Waste Gas Treatment Facility
(Cyclone Dust Collection → Venturi Scrubbing → Alkali Absorption → Electrostatic Demister → Exhaust Chimney)

In Zimbabwe's Bikita Mining Area, vehicle exhaust emissions and dust emissions from exposed mining areas constitute primary air pollution sources. To address this, the Company has established a multi-dimensional prevention and control system:

1. Daily Operational Pollution Control

Mobile Source Management: Implementation of green driving initiatives and strict adherence to mine road speed limits; 100% driver environmental training completion rate in 2024.

2. Seasonal Dust Control

Source control measures: Installation of high-frequency mist spray systems in key areas (e.g., ore transport lines, crushing workshops); application of advanced dust suppression nets made of polyethylene material at storage yards and transfer points; mandatory pre-wetting of surfaces for all open-air loading/unloading operations in compliance with the Mines and Minerals Act (No. 109 of 1990).

Occupational health monitoring: Regular PM2.5/PM10 concentration testing (threshold ≤15 mg/m³) in work areas; provision of N95-grade respiratory protection for dust-exposed employees and periodic pulmonary function examinations.

Solid Waste Management

In 2024, the Company generated 4,746,349.33 tonnes of general industrial solid waste, achieving 100% compliant disposal/recycling rates, and 28,786.75 tonnes of hazardous waste, with 100% compliant disposal rates.

All solid waste management practices comply with the General Industrial Solid Waste Storage and Landfill Pollution Control Standards (GB 18599-2020) and local regulatory requirements. The Group Headquarters formulates solid waste management protocols, while production bases implement the General Industrial Solid Waste Operational Manual and Hazardous Waste Disposal Guidelines. Workshop-level Job Operation Cards standardize waste classification, collection, storage, transportation, and disposal. Dedicated signage is established at storage facilities. The Tsumeb Smelter additionally maintains a dedicated solid waste management office team.

General Industrial Solid Waste	Compliant Disposal Rates	Hazardous Waste	Compliant Disposal Rates
4,746,349.33 tonnes	100%	28,786.75 tonnes	100%

Tsumeb Smelter Solid Waste Management Office Team

Management Policies:

Solid Waste Storage Facility Coding Rules aligned with GB/T 31485 and international operational standards, including encoded signage for waste codes, hazard characteristics, and storage durations.

Technical Safeguards:

Intelligent monitoring systems in storage facilities, equipped with temperature/humidity sensors, gas detectors, and video surveillance (storage duration ≥90 days).

Disposal Processes:

Self-disposal projects: Standardized "pre-treatment → classified storage → compliant transfer" workflows (100% compliance rate in 2024).

Entrusted disposal management: Implementation of the Hazardous Waste Pollution Prevention Responsibility System, Waste Ledger System, and Hazardous Waste Container/Equipment Identification Standards. Agreements with licensed hazardous waste disposal entities ensure one-vehicle-one-file electronic record management.

Classification and Disposal:

General waste: Fly ash, waste packaging materials, and sludge from wastewater treatment stations are recycled or sold externally.

Hazardous waste: Waste reagent bottles, used oil, alkali packaging bags, and laboratory residues are stored in dedicated hazardous waste interim storage facilities before disposal by licensed entities.

Jiangxi Production Base of Sinomine

General industrial solid waste: Filter cake, waste packaging materials, sludge, acid leaching residue, neutralization residue, and calcination residue are treated as general industrial solid waste. Filter cake is collected for re-dissolution. Storage facilities are semi-enclosed with steel-frame canopies, fencing, and hardened flooring in compliance with GB 18599-2020.

Hazardous waste: Waste heat transfer oil, catalysts, distillation residue, and laboratory waste are stored in segregated hazardous waste interim storage facilities. Containers are labeled per GB 18597-2023 standards, equipped with lighting, exhaust vents, activated carbon adsorption devices, and corrosion-resistant/anti-seepage features. Domestic waste is sorted and collected via designated bins for municipal clearance.

Tsumeb Smelter's Integrated Management

Adherence to the Environmental Management Plan (EMP) and permits issued by Namibia's Ministry of Environment, Forestry, and Tourism.

A comprehensive system is implemented: General waste undergoes refined sorting, achieving greater than 95% recycling rates for recyclables (plastics, metals, glass). Hazardous waste, including smelting slag and waste oil, enters a pretreatment center for harmless treatment, followed by secure landfilling or pyrolysis incineration. Full-process intelligent monitoring ensures traceability.

Tsumeb Smelter Solid Waste Testing

Tailings and Waste Rock

In 2024, the Company's overseas mining operations generated 16,550,210.06 tonnes of waste rock and 1,900,092.30 tonnes of tailings.

Waste Rock	Tailings
16,550,210.06 tonnes	1,900,092.30 tonnes

Recognizing the severe risks of tailings dam failures to public safety, ecological preservation, and industry sustainability, the Company prioritizes tailings management as a core responsibility. Professional guidance is implemented throughout tailings pond expansion and upgrades, focusing on slope stability reinforcement, seepage monitoring system enhancements, and ecological slope protection to ensure structural safety and environmental control, thereby fulfilling corporate environmental obligations.

Multi-dimensional risk assessment models indicate that current tailings ponds are at low-risk levels. Routine inspections confirm compliance with Tailings Pond Safety Regulations, with key parameters such as phreatic line control and dam displacement remaining within safe thresholds. For identified risks, a hierarchical prevention system combined with intelligent monitoring is adopted:

◎ Automated piezometers and fiber-optic sensor networks enable real-time warnings for dam stress and strain;

◎ Ecological concrete retaining walls and vegetation-based slope stabilization systems provide dual engineering and ecological protection, minimizing environmental disturbance.

Bikita Mine Northern Tailings Pond Panoramic View

Bikita Mine

Integrated Ecological Restoration

Bikita Mine Site has developed ecological parks and multifunctional public spaces, integrating environmental remediation with community services. Newly established vegetation communities enhance carbon sequestration, significantly reducing greenhouse gas emissions. Supporting facilities include rainwater recycling systems and native plant conservation bases, establishing a regional ecological protection model.

Waste Rock Utilization

Achieved 57,200.00 tonnes of waste rock reuse in 2024.

Through a three-tier dust control system (source suppression, process purification, end-treatment), reducing PM2.5 annual average concentrations by 30% and respiratory disease incidence by 42%, while lowering equipment wear rates by 25% for cost savings.

Resource Recycling System

A closed-loop process includes waste rock pretreatment, resource activation (via mobile crushers and fixed jaw crushers), aggregate production for construction materials, and tailings backfilling with land reclamation.

1. Waste Rock Recycling Process Flow

◎ Crushing, Screening, and Resource Activation.

◎ Mobile crushing stations and fixed jaw crushers are deployed in tandem to execute multi-stage crushing and screening operations. This ensures efficient waste rock deconstruction, providing high-quality feedstock for subsequent resource utilization.

◎ Aggregate Production and Construction Material Manufacturing.

◎ Post-screening aggregates undergo magnetic separation, cleaning, and drying processes to produce premium construction aggregates. These materials are utilized in concrete production, maximizing resource substitution rates.

2. Mine Backfilling and Land Reclamation

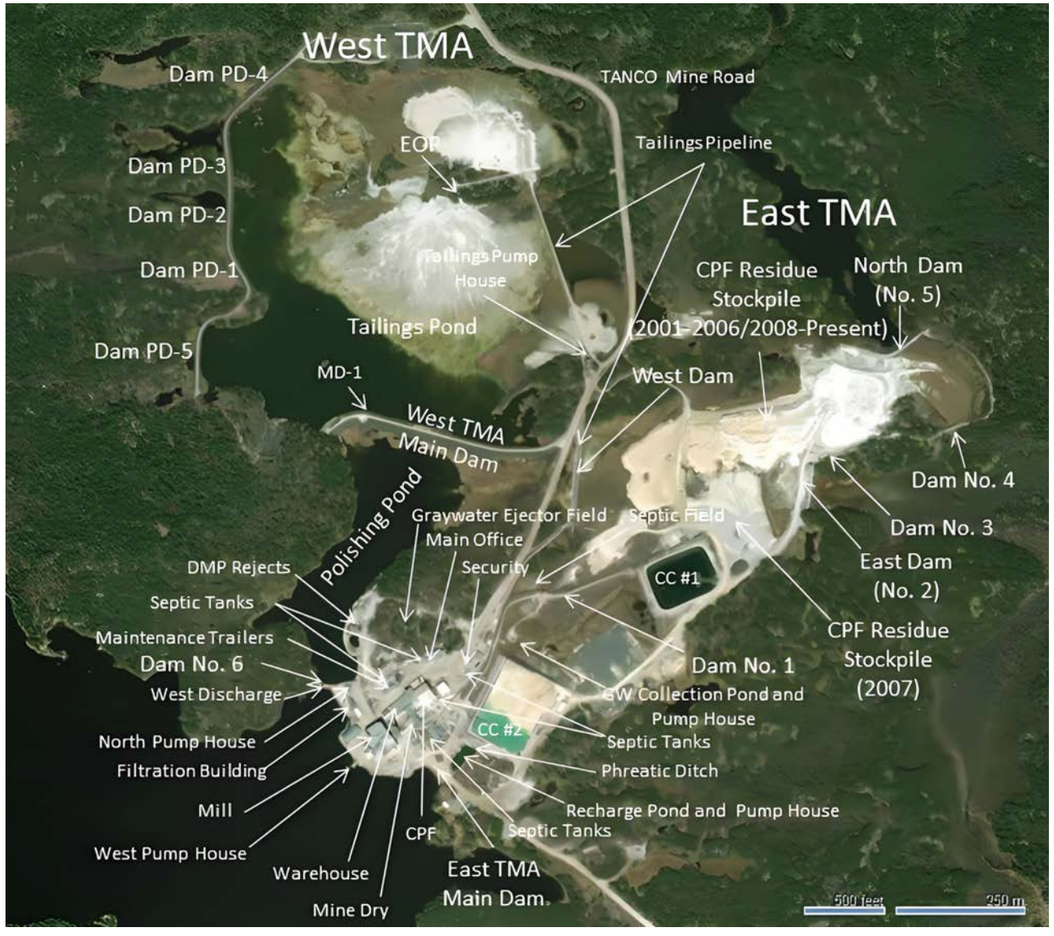
◎ Tailings Grouting Backfilling: Crushed waste rock is blended with cement slurry and injected into mined-out voids, achieving high-density filling to stabilize underground structures.

◎ Ecological Reclamation Engineering: Coarse aggregates are used to construct vegetation substrates, integrated with hydroseeding and drip irrigation systems to accelerate vegetation growth on mined land.

Bikita Mine Ecological Park

Tanco Mine Site

The Tanco Mine operates two tailings management areas (TMAs) : the Eastern TMA, located east of the main access road, and the Western TMA, situated west of the road. Tailings primarily consist of feldspar, quartz, hornblende, gabbro, unrecycled tantalum-lithium feedstock, and pegmatite minerals. Chemical analysis of tailings residue confirms the dominance of gangue minerals, calcium sulfate, barium sulfate, and aluminum hydroxide. Leaching tests demonstrate that residue leachate maintains a neutral pH range of 6.6–7.5, with alkaline components (8–20 mg/L) persisting stably throughout the testing period without significant attenuation.



Schematic Diagram of Tanco Tailings Management Areas

Tanco's waste rock is predominantly processed underground, with minimal surface stockpiling limited to a small area north of the parking lot for dam construction and road maintenance. Analysis of discarded feldspar from heavy-media separation facilities in 2023 confirms negligible acid generation potential, eliminating risks of metal contamination from acid rain, acid mine drainage, or physical weathering.

Biodiversity Conservation

Sinomine is committed to identifying, managing, and monitoring biodiversity risks associated with its operations. During the environmental impact assessment (EIA) phase of projects, biodiversity risks at project sites are rigorously evaluated to minimize potential impacts. In the reporting period, WWF's Biodiversity Risk Screening Tool was applied across all production bases, confirming that domestic and international sites are located in low-risk or negligible-risk biodiversity zones.

Biodiversity and Land Use at Jiangxi Production Base

The three production facilities of Sinomine' Jiangxi base are situated on industrial land zoned for manufacturing purposes, with no occupation of basic farmland resources critical to agricultural production. The surrounding natural vegetation is dominated by regionally prevalent native plant species, while wildlife resources within the area are limited due to the localized ecological characteristics.

The geographical terrain is characterized by low-lying hills with gentle slopes, forming a stable and naturally balanced ecological environment. Professional ecological assessments confirm the absence of nationally or provincially protected endangered species or habitats of conservation significance. The region's ecological integrity remains intact, with no recorded presence of wildlife populations designated for special protection under national or provincial regulations.

Jiangxi Production Base of Sinomine

Ecological Protection and Mitigation Measures at Jiangxi Production Base

Construction Phase Protection Measures

During construction activities, temporary protective fences constructed from recyclable materials will be erected around work sites to isolate construction zones from surrounding natural environments, minimizing noise, dust, and human activity impacts on local wildlife habitats. Additionally, specialized biodiversity conservation training programs—including case studies and on-site demonstrations—will be conducted to enhance workers' environmental awareness. Strict prohibitions against hunting wildlife or damaging habitats will be enforced, supported by supervision mechanisms to ensure waste is segregated and promptly removed from sites to prevent soil and water contamination.

Operational Phase Protection Measures

Post-commissioning, a regular monitoring system will be established to track biodiversity changes within and around the facility, accounting for seasonal variations and vegetation growth cycles. Ecologically sensitive landscaping practices will be implemented, such as avoiding synthetic pesticides, prioritizing natural pest control methods, and introducing nectar-producing plants and bait to attract pollinators. Native grasslands will be preserved to support small mammals and amphibians, fostering harmonious coexistence between operations and local ecosystems.

SSF Ltd's Bio-Friendly Drilling Fluid Solutions

SSF Ltd provides environmentally responsible drilling fluid technologies, prioritizing biodegradability as a core product development criterion to achieve zero pollution discharge. Cesium formate fluid, a next-generation biodegradable drilling fluid system, is formulated from sodium formate, potassium formate, and cesium formate salts dissolved in water, forming a high-density alkaline solution. Its unique properties make it ideal for complex downhole operations.

The cesium formate fluid produced by Sinomine is derived from petalite ore mined at Canada's Tanco Mine, processed via patented techniques to ensure raw material purity and product consistency. Since its commercialization in 1999, this fluid has demonstrated exceptional environmental and safety performance, earning certifications such as:

CEFAS Gold Rating (UK Centre for Environment, Fisheries and Aquaculture Science);

GESAMP Low Impact Score (UN Group of Experts on the Scientific Aspects of Marine Environmental Protection);

confirming negligible toxicity to marine life.

Widely adopted in global oil and gas developments in ecologically sensitive regions, cesium formate fluid exemplifies Sinomine's commitment to eco-friendly innovation

Biodegradability and Safety of Cesium Formate Fluid

Sinomine's cesium formate fluid exhibits exceptional biodegradability, achieving 79–83% degradation within 28 days under seawater dilution conditions (verified by Shell Laboratory) and 83% degradation in freshwater environments. The rapid decomposition of formate ions ensures minimal ecological impact, while cesium ions pose no bioaccumulation risks.

Operational Safety Advantages:

◎ Zero Corrosiveness: Demonstrates 90% lower corrosion rates compared to zinc bromide, eliminating the need for traditional bactericides that cause skin irritation and allergic reactions.

◎ Simplified Handling: Compatible with standard personal protective equipment (PPE), validated by industry leaders such as BP, with zero risk of acid burns compared to conventional alternatives.

Global Application and Environmental Performance

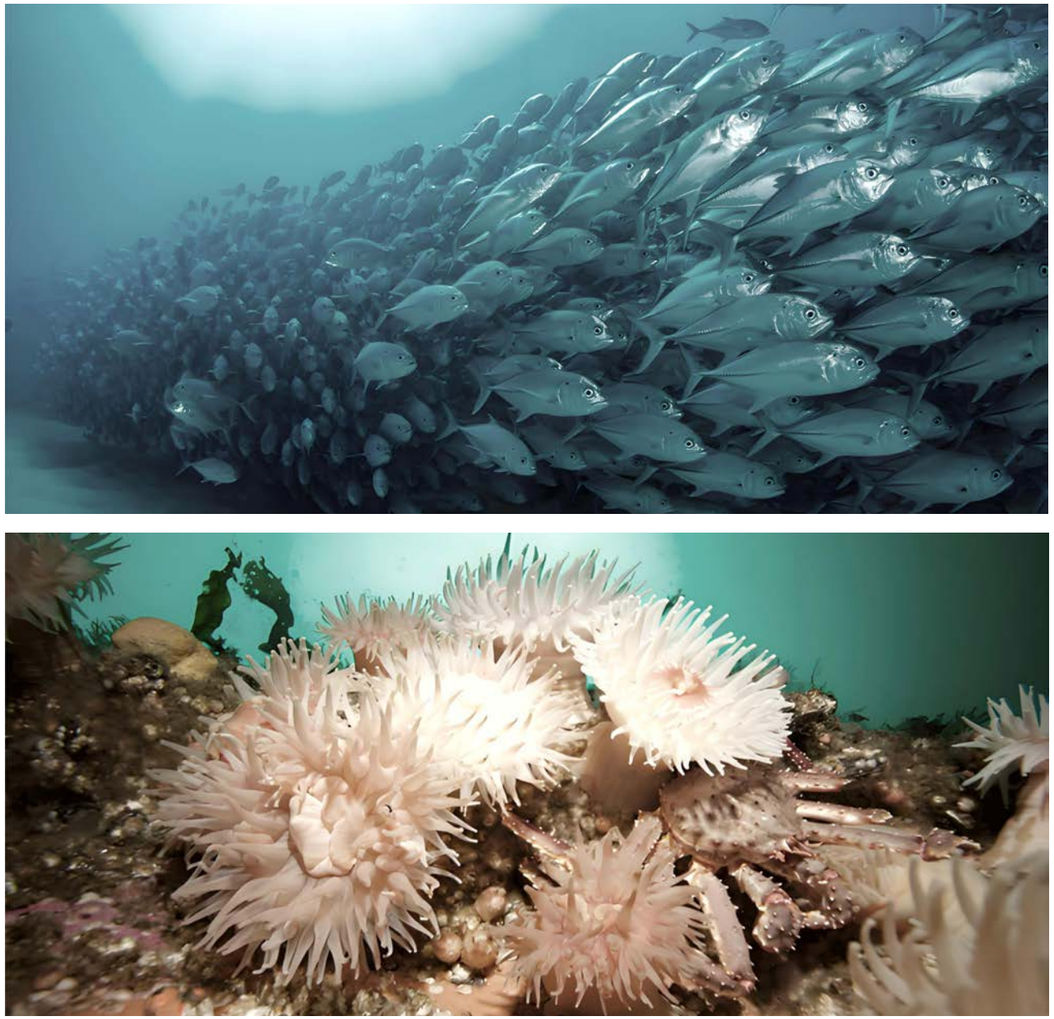
Since its commercialization in 1998, cesium formate fluid has been deployed in 450+ deepwater/ultra-deepwater wells across seven major oil and gas fields worldwide, covering full operational cycles from drilling to reservoir protection. Notably, in ecologically sensitive regions such as Brazil's Campos Basin and the Gulf of Mexico, five years of continuous monitoring confirm:

◎ Seawater suspended particulate concentrations maintained at 0.5–1.2 mg/L (within natural background levels);

◎ Nearshore sediment cesium residues below 0.3 ppm (below marine sediment baseline of 0.5 ppm);

◎ Stable ecosystem biodiversity indices (BI) with no significant species abundance fluctuations.

Certified under ISO 14001 Environmental Management Systems and API Q1 environmental ratings, this technology is recognized as a benchmark for sustainable deep-sea resource development.



Cesium formate fluid significantly reduces ecological footprints in energy exploration, aligning with global standards for eco-friendly drilling solutions

Biodiversity Conservation and Environmental Management at Bikita Mine Site

Bikita Mine integrates biodiversity protection into its operational framework through internationally recognized sustainable practices, systematically minimizing ecological impacts. Key initiatives include:

◎ Habitat Restoration: Native vegetation replanting and soil remediation techniques to reconstruct degraded habitats and maintain ecological balance;

◎ Renewable Energy Adoption: Increased application of photovoltaic (PV) power generation to reduce fossil fuel dependency, aligning with global climate action goals;

◎ Waste Management: A waste minimization, reuse, and circular management system to control pollution risks to soil and water from mining activities;

◎ Community Engagement: Ongoing reforestation programs to enhance regional vegetation coverage, creating sustainable ecological corridors and migratory habitats for flora and fauna.

The reservoir exemplifies the mine's commitment to balancing resource extraction with ecological stewardship, supporting regional biodiversity and water resource sustainability

Bikita Mine Site's environmental impact assessments strictly adhere to guidelines established by the International Union for Conservation of Nature (IUCN), ensuring avoidance of ecologically sensitive zones and habitats of endangered species. Continuous monitoring of water and soil quality demonstrates long-term stability of critical ecological indicators, with no significant deviations from baseline values. Through environmental education and community collaboration, local residents actively participate in natural resource conservation, fostering a collaborative eco-governance model between the enterprise and surrounding communities. Third-party assessment reports confirm stable species abundance and habitat integrity within a 20-kilometer radius of the mine.

Environmental Compliance and Monitoring at Tanco Mine

Tanco strictly adheres to the Fisheries Act (Government of Canada, 2002) and the Metals and Diamonds Mining Effluent Regulations (MDMER), conducting annual Environmental Effects Monitoring (EEM) studies encompassing wastewater characterization and water quality assessments. Since its inaugural biological population survey in 2013, Tanco has conducted 11 consecutive years of ecological evaluations around Bernic Lake and adjacent areas. In 2024, the mine published the Wastewater Characterization and Water Quality Monitoring Report (2024).

Bernic Lake Mine Area Environmental Conditions:
Continuous monitoring confirms that Tanco's wastewater discharge maintains stable ecological parameters, demonstrating strict compliance with regulatory standards and negligible impact on aquatic ecosystems

2024 Environmental Monitoring Data:

◎ Physicochemical Properties: Effluent pH stabilized at 7.5, near-neutral; total nitrogen concentration averaged 3 mg/L/year, significantly below international environmental thresholds.

◎ Nutrient Control: Total phosphorus levels measured at one-third of the legal maximum permissible value, while conductivity remained consistently under regional baseline values.

◎ Toxicity Testing: Algal metabolic activity showed no inhibition even under high dilution conditions, with some test groups exhibiting enhanced adaptability, confirming minimal ecological risk.

Energy Conservation and Carbon Reduction

The Company has established a climate management system integrating governance, strategy, risk assessment, and target setting, guided by the TCFD (Task Force on Climate-related Financial Disclosures) framework. The Board oversees climate governance, while the Strategy and ESG Committee formulates decarbonization pathways, with business units implementing carbon data monitoring and energy-saving technologies. Physical risks (extreme weather, infrastructure damage) and transition risks (policy tightening, technological iteration) are addressed through energy mix transformation, energy efficiency improvements, climate-resilient infrastructure, and circular economy practices.

During the reporting period, the Company secured a CNY 1.5 billion overseas sustainable development syndicated loan. Bikita Mine achieved Zimbabwe's first grid-connected solar power plant with energy storage, complemented by a 132 kV substation enhancing local electricity access. SSF Ltd set science-based targets for a 50% carbon emission reduction by 2029 and net-zero by 2045, supported by innovative chemical leasing programs for resource circularity, aligning with the Paris Agreement's 1.5°C pathway. Advanced energy efficiency technologies reduced unit energy consumption by 18% year-over-year, while circular economy initiatives achieved 95% material recovery rates in key processes. Annual TCFD-aligned disclosures ensure transparency, with third-party verification confirming compliance with SASB (Sustainability Accounting Standards Board) criteria.

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Energy Management

In 2024, the Company's total energy consumption amounted to 143,235.56 tonnes of standard coal equivalent (tce), with primary energy usage including 449,077,586.19 kWh of electricity, 43,351,967.02 cubic meters of natural gas, and 16,412.00 tonnes of diesel.
The lithium carbonate equivalent (LCE) energy consumption per tonne reached 1.63 tonnes of standard coal, surpassing the advanced threshold specified in YS/T 1432-2021 (Energy Consumption Quota for Lithium Salts).

Total Energy Consumption	Electricity	Per Tonne LCE Energy Consumption
143,235.56 tce	449,077,586.19 kWh	1.63 tce
Natural Gas	**Diesel**	
43,351,967.02 cubic metres	16,412.00 tonnes	

Adhering to the Energy Conservation Law of the People's Republic of China and other regulations, the Company continuously optimizes its energy management system. Key initiatives include:

◎ Formulation of Energy Management Manual, Energy, and Energy Data Management Measures;
◎ Allocation of dedicated budgets for energy management;
◎ Promotion of energy-saving practices across all employees;
◎ Multi-dimensional measures to enhance energy efficiency.

Energy Management System Development

Positioning energy management as a core enabler of its dual-carbon objectives under a sustainability-driven strategic framework, the Company systematically establishes a business-scenario-wide management architecture. By integrating top-level design with grassroots implementation, it constructs a holistic framework covering institutional norms and operational guidelines, with emphasis on standardizing critical phases such as energy planning, execution, and monitoring.

Production bases rigorously implement ISO 5001 energy management standards, advancing standardized upgrades through systematic integration of lifecycle management mechanisms spanning energy planning, implementation, monitoring, and continuous improvement. Each base tailors institutional innovations to industrial characteristics, refining mechanisms for energy target decomposition, performance benchmarking, and anomaly response. Management standards are deeply integrated with production processes, forming multi-dimensional implementation pathways across equipment, control, and management layers. Regularized energy audits and iterative optimization mechanisms ensure dynamic improvements in energy efficiency, enabling resource allocation synergy and carbon intensity reduction—providing robust governance and technical foundations for green transition.


能源管理体系认证证书
CERTIFICATE OF MANAGEMENT SYSTEM FOR ENERGY
JIANGXI DONGPENG NEW MATERIALS CO., LTD.

Energy Management System Certification Certificate

Energy-Saving Measures

The Company advances energy efficiency and consumption reduction through multi-dimensional initiatives:

◎ Production Optimization: Equipment insulation upgrades and installation of high-performance control valves, combined with enhanced employee training on energy-efficient operations.

◎ Management Framework: Establishment of a unified energy management system across all bases, compliant with GB/T 17167 and international standards, featuring dedicated teams and refined measurement protocols.

◎ Lighting System Upgrades: Transition to LED technology and energy-saving accessories, achieving 50% energy savings in Jiangxi base lighting systems and annual electricity savings of 180,000 kWh, forming a closed-loop optimization from equipment to management.

Key Energy-Intensive Equipment

Jiangxi Production Base utilizes flash dryers, Mechanical Vapor Recompression (MVR) evaporators, air purification units, acid mist processors, acidification kilns, rotary calcination kilns, and ball mills. Variable frequency control for critical power-consuming equipment improved motor efficiency by 10%, yielding 4,054,700 kWh/year energy savings. From 2023 to 2024, the base implemented a waste heat recovery project, systematically optimizing thermal efficiency through multi-tiered heat recovery systems.

Jiangxi Base Energy Infrastructure: Equipped with high-efficiency boilers, air compressors, and waste heat boilers

Bikita Mine Site 132 kV Substation Project

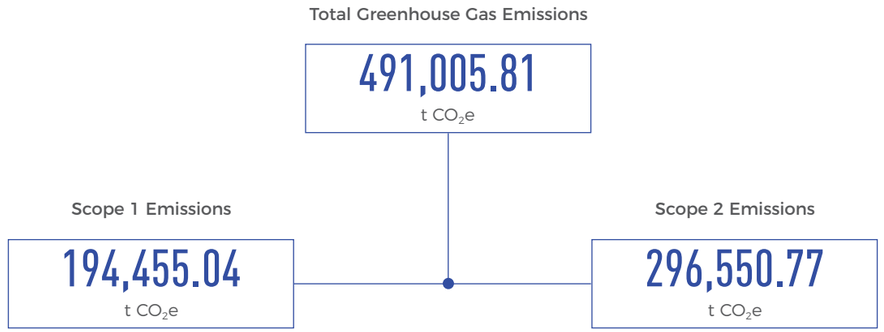
Bikita aligns with Zimbabwean regulatory standards, including the Electric Power Enterprise Energy Efficiency Standards and Public Building Energy Design Standards, to implement energy-efficient power systems and eco-friendly building designs. The 132 kV substation project, completed in 2024, features a 110-kilometer high-voltage transmission line connecting Tokwe to Bikita via Masvingo. Since its official energization in March 2024, 78% of the electrical load from this line has powered rural electrification initiatives, significantly improving electricity access for local communities. Beneficiaries include schools, clinics, commercial hubs, and residential areas.

Bikita 132 kV Substation Facility

This project marks Zimbabwe's first battery storage photovoltaic power station and its first hybrid energy system integrating grid power, diesel generation, solar PV, and battery storage. It serves as a benchmark for sustainable energy infrastructure, demonstrating scalable solutions for clean power generation and grid resilience.

Greenhouse Gas Emissions

In 2024, Sinomine recorded total greenhouse gas emissions of 491,005.81 tonnes of CO_2 equivalent (t CO_2e), comprising Scope 1 emissions of 194,455.04 t CO_2e primarily from fossil fuel combustion and carbonate and Scope 2 emissions totaling 296,550.77 t CO_2e mainly resulting from purchased electricity consumption.



The company's 2024 greenhouse gas emission intensity reached 0.92 tonnes of CO_2 equivalent per RMB 10,000 revenue (Scope 1 and 2), and 4.76 t CO_2e per tonne of lithium carbonate equivalent (LCE) production (Scope 1 and 2).

Climate Management Framework

Guided by the core recommendations of the Task Force on Climate-related Financial Disclosures (TCFD), we have systematically established a climate action system encompassing governance, strategy, risk management, and targets/metrics. This framework enables comprehensive identification, assessment, and response to climate-related financial impacts on operations while capitalizing on low-carbon transition opportunities.

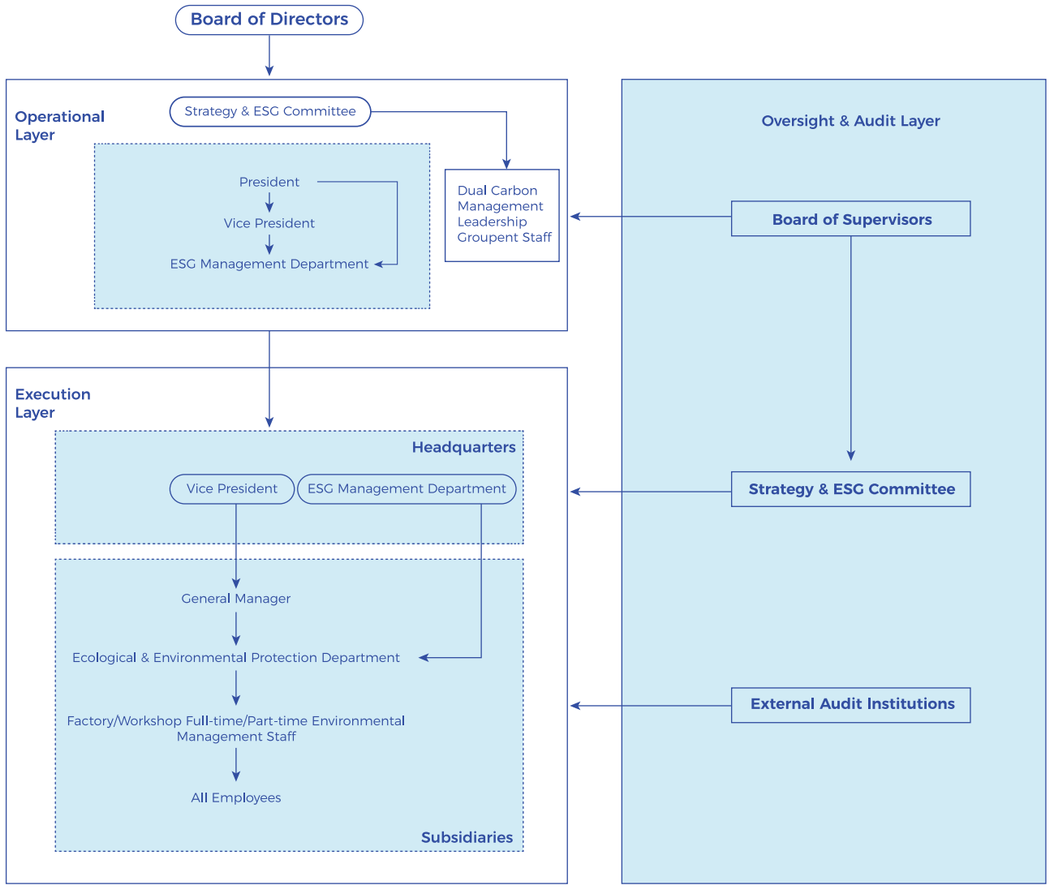
Governance Architecture

The Board integrates climate considerations into core governance agendas, overseeing sustainable development goals and their implementation.

The Board:
Regular review of climate risk and opportunity assessment reports; Approval of major climate action plans and resource allocation

Strategy & ESG Committee:
As a cross-departmental coordinating body, this committee formulates climate-resilient strategies and drives implementation of carbon accounting, emission reduction pathway planning, and climate scenario analysis.

Business Unit Execution:
Production and operational management departments are responsible for implementing carbon emission monitoring, energy-saving technology applications, and enhancing supply chain climate resilience.



Corporate Climate Governance Architecture for Climate Change Response

Strategic Planning

With China's national "Dual Carbon" goals (peak carbon emissions and carbon neutrality), the company is systematically advancing a transformational pathway to harmonize energy security, economic stability, low-carbon transition through top-tier strategic design. By optimizing energy resource efficiency, accelerating large-scale deployment of renewable energy (wind, solar, etc.), and driving breakthroughs in energy storage technologies and smart grid infrastructure, the company aims to resolve challenges in new energy integration. Further initiatives include deepening power market reforms, aligning with green power consumption frameworks, and steering project upgrades toward cleaner and low-carbon models. Whole-industry-chain collaborative innovation is being pursued, with focused tracking of advancements in hydrogen energy, carbon capture, and other critical technologies to enhance traditional industry productivity and cultivate emerging green sectors.

Risk Management Mechanism

Amid accelerating global energy transitions and rising demand for critical minerals, the company's business expansion is anchored in strategic certainty. Integrating the IPCC's 1.5°C pathways and the IEA's Sustainable Development Scenario (SDS), multidimensional analytical frameworks have been established. These frameworks incorporate variables such as evolving global climate policies, technology innovation cycles, and market supply-demand dynamics into strategic planning, creating a comprehensive climate risk identification matrix spanning the entire value chain.

Sinomine Climate Risk Analysis

Risk Dimension	Drivers	Potential Impacts
Physical Risk	Extreme geological events/climate anomalies	Mine production disruptions
	Climate system shifts	Supply chain disturbances
	Progressive climate tipping points	Physical asset damage and surge in insurance costs
	Long-term resource scarcity	Facility inundation from sea-level rise
Transition Risk	Escalating carbon regulation	Increased compliance costs via carbon pricing mechanisms
	Shifting market preferences	Capital expenditure pressures from low-carbon tech upgrades
	Investment paradigm shifts	Mandatory procurement of green raw materials
	Accelerated technological iteration	Structural growth in demand for new energy metals

Climate Change Response Targets

Aligned with the Paris Agreement temperature control goals, Sinomine is establishing a science-based target (SBTi) management system and prioritizing the following strategic initiatives:

Energy Structure Transformation:
Achieve a 5% increase in clean energy utilization rate across mining operations by 2025, and exceed 30% clean energy penetration by 2030.
Energy Efficiency Multiplier Program:
Implement smart mining systems to drive an annual reduction of 5% in energy intensity per tonne of refined mineral products.
Climate-Resilient Infrastructure:
Enforce climate-adaptive design standards for new projects, with 100% disaster-resilient retrofit rate for existing assets by 2028.
Circular Economy Practices:
Enhance lithium resource comprehensive recovery rate by 5%, and increase industrial water recycling rate by no less than 1.5% annually.

Good Practices

In 2024, Sinomine successfully orchestrated its inaugural overseas sustainability-linked syndicated loan, securing a total amount equivalent to USD 1.5 billion in RMB. This loan primarily supports capital expenditures and operational activities for the company's overseas projects, with interest rates tied to Sinomine's quantified sustainability commitments. Specifically, greenhouse gas (GHG) emission reduction targets align with the Transition Pathway Initiative (TPI)'s diversified low-carbon pathway standards for the mining sector, fully complying with the Sustainability Linked Loan Principles (SLLP).

In 2024, the photovoltaic power project at the Bikita Mine Site in Zimbabwe was completed and fully connected to the grid following the completion of the main construction phase. With a construction period of four months and an annual generation capacity of 21 million kWh, the project currently achieves a daily peak generation of 80,000 kWh and an average output of 57,500 kWh, supplying over 20% of the mine's daily electricity demand. As Zimbabwe's first photovoltaic power station integrated with energy storage systems and a hybrid solution combining grid power, solar generation, and storage, this initiative sets a benchmark for the Zimbabwean government and enterprises in solar energy development.

Operational commissioning of the Bikita Mine photovoltaic power plant

SSF Ltd's Climate Commitments
SSF Ltd has embedded its science-based target (SBTi) into core operations, aiming to reduce Scope 1 and 2 carbon intensity by 50% by 2029 and achieve net-zero emissions across the entire value chain by 2045. This environmental pledge is deeply integrated into product development systems, effectively mitigating downstream clients' environmental risks. Since its inception in 1996, SSF Ltd's chemical leasing model has received international acclaim. Leveraging proprietary recycling technologies, the company has established a multi-tiered fluid product recycling system, simultaneously ensuring service quality while driving synergistic improvements in resource efficiency and carbon intensity reduction.

Advancing Shared Prosperity with Integrity

Sinomine remains steadfast in upholding the principle of people-centered development, embedding employee welfare and care into every operational practice. Guided by International Labour Organization (ILO) conventions and local labor regulations, we have established equitable employment mechanisms and continuously optimized human rights protection and talent development policies to foster a diverse workforce.

We strictly prohibit child labor, forced labor, and other unlawful practices. Internationally, we actively endorse labor rights initiatives, enforce equal employment principles, and ensure equal pay for equal work. With zero tolerance for discrimination based on nationality, ethnicity, race, religion, gender, age, disability, marital status, or parenthood, we fully respect employees' rights to freedom of association and assembly.

Recognizing health and safety as fundamental human rights, we align with authoritative frameworks from the ILO, OECD, and WHO. Through rigorous hazard identification, risk assessment, worker training, incident investigation, and systematic evaluation, we uphold and enhance our Occupational Health and Safety Management System (OHSMS).

Our community investments prioritize the United Nations Sustainable Development Goals (SDGs), focusing on education, healthcare, economic empowerment, infrastructure development, and environmental protection. This dual commitment—advancing both operational excellence and societal well-being—defines Sinomine's role as a responsible corporate citizen.

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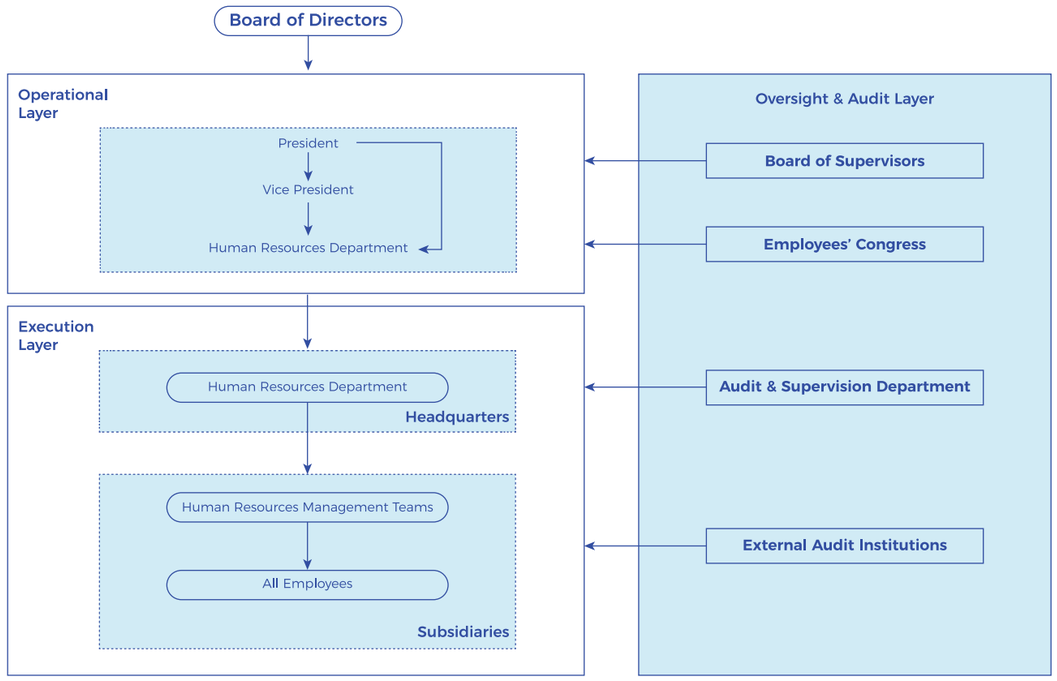
Employee Rights and Well-being

Sinomine strictly adheres to national labor laws including the Labor Law of the People's Republic of China, Labor Contract Law of the People's Republic of China, and Social Insurance Law of the People's Republic of China, ensuring lawful employment practices. We also comply with labor standards in all operational jurisdictions and actively fulfill international human rights obligations. Through 12 core policies—including the Recruitment Management System, Labor Contract Management Standards, and Employee Attendance & Leave Management Regulations—we standardize the entire employee lifecycle (from onboarding to offboarding), with focused governance on working hours, social insurance contributions, and career development to safeguard fundamental employment rights and professional growth opportunities.

Overseas production bases implement internationally aligned policies such as the Diversity & Inclusion Policy and Code of Conduct, integrating ILO core conventions with China's legal framework to operationalize principles of equal employment, non-discrimination, and zero forced labor within daily management. This establishes a globally standardized, systematically integrated human resource management framework.

We guarantee equal collective bargaining rights for all 3,195 employees worldwide through mechanisms like the Employee Representative Congress System and Management Communication Channels. These channels cover three core business segments (mining, smelting, and sales), addressing topics such as optimized work schedules, benefit structure adjustments, and career advancement pathways. Employee satisfaction has shown year-on-year improvement.

In overseas operations, we strictly adhere to the UN Guiding Principles on Business and Human Rights (UNGPs) and the OECD Guidelines for Multinational Enterprises, enforcing specialized measures including the Anti-Discrimination Policy and Health & Safety Policy to eradicate forced labor and non-humanitarian treatment.



Sinomine's Employee Development Management Framework

Sinomine's Inclusive Employment Practices

Sinomine's Human Resource Management System

Sinomine has established a comprehensive human resource management system, with the Human Resources Department as its core governing body. The system encompasses key functional modules including Recruitment & Allocation, Labor Relations, Performance Management & Incentives, and Training & Development.

Governance Alignment

ISO 30401 Compliance: Talent inventory systems embedded with diversity metrics

OECD Guidelines: Transparent reporting on age, gender, and geographic representation

UN SDG 10: Directly supports "Reduced Inequalities" through inclusive workforce practices

Talent Acquisition

The company proactively recruits industry experts, scarce-skill professionals, and cross-functional managers, emphasizing job-fit alignment and long-term service commitments.

Onboarding Management

A probation grading system is implemented to standardize employment contracts and compensation structures.

Leave Policy

The leave framework includes statutory holidays, paid marriage/childbirth/bereavement leave, and a tiered annual leave system. Overtime requires prior approval and is compensated with allowances.

Compensation & Benefits

A classified compensation model is applied to different employment types, supported by professional title advancement pathways and tailored training programs. Specialized academic subsidy programs are provided to employees pursuing higher education, fostering mutual growth between staff and the organization.

Offboarding Management

Procedures for contract termination, disciplinary dismissals, and voluntary resignation are standardized. Clear compensation mechanisms are defined, with explicit protocols for voluntary resignation procedures to ensure transparent handling of rights and interests.

Institutional Framework

Talent Inventory Mechanism: Embedded within HR policies to systematically assess workforce capabilities and gaps.

Monthly HR Reporting: Standardized metrics on labor costs and workforce composition to support dynamic decision-making.

Governance Orientation: Prioritizes compliance, risk mitigation, and strategic talent pipeline development to underpin global operations.

2024 Workforce Data

Total Employees: 3,195 full-time staff

Temporary Workers: 159

Contractor Employees: 1,404

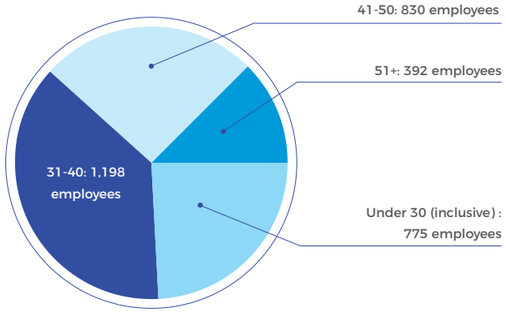
2024 Compliance Metrics

Industrial Action: Zero strikes or work stoppages across all operational units.

Labor Rights Adherence: Zero incidents of discrimination, harassment, child labor, or forced labor violations. Full compliance with ILO conventions and OECD guidelines.

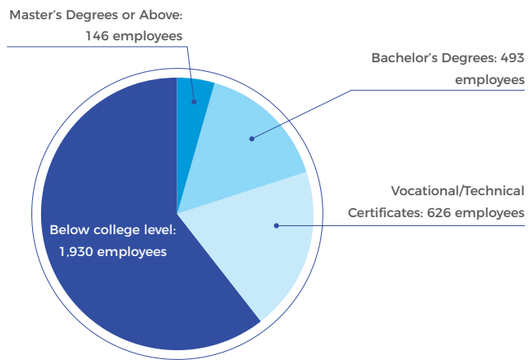
Age Diversity

Actively recruits younger talent to inject vitality; Values experienced professionals for institutional knowledge preservation; Targets balanced age distribution across operational hierarchies.



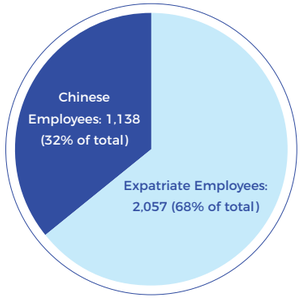
Talent Diversity

Mandates gender-neutral job assignment criteria; Promotes women's advancement to technical/professional leadership roles.



Geographic Diversity

Recruits staff from 20+ countries/regions.



Talent Acquisition and Integration Progress

In 2024, driven by the advancement of overseas project developments, Sinomine significantly accelerated recruitment efforts, achieving a year-on-year increase of 590 employees. This expansion prioritized employment opportunities for individuals from diverse nationalities, ethnic backgrounds, cultural identities, and persons with disabilities.

The company's global workforce now includes 2,057 expatriate employees (non-Chinese nationals), specifically:

- 1,011 employees in Zimbabwe
- 658 employees in Namibia
- 159 employees in Canada

To enhance cross-cultural cohesion, Sinomine has institutionalized cross-cultural communication skills as a core competency in employee development programs, fostering effective integration between local and international teams.

Sinomine's Multidimensional Care Mechanisms

In 2024, the minimum wage at all our operations was 185% of the local statutory minimum, achieved 100% social insurance coverage for employees, and provided 100% health examination coverage.

To align with global labor practices, the company established a comprehensive compensation and benefits system governed by the Compensation Management Policy and Performance Evaluation Policy, adhering to principles of compliance, fairness, reasonableness, and international competitiveness. This framework enforces equal pay for equal work in alignment with ILO Convention No. 100, ensuring transparent and standardized remuneration aligned with workload and performance metrics across all jurisdictions.

Sinomine fosters open and transparent employee communication through roundtable discussions, Employees' Congress sessions, and annual satisfaction surveys, enabling full participation of its 3,195 global employees in decision-making and management. A multi-channel grievance mechanism—accessible via the Human Resources Department, Audit & Supervision Department, and Labor Union—ensures efficient resolution of labor rights inquiries and compliance violations, creating a boundaryless support system for multinational teams.

The company has designed tiered incentive programs combining performance bonuses, equity incentives, project-specific rewards, and long-service recognition to align employee interests with corporate objectives. In high-compliance regions such as Europe and North America, Sinomine integrates executive and frontline employee incentives in accordance with local governance frameworks (e.g., UK's Cadbury Code) and transparency regulations (e.g., EU Pay Transparency Directive), deepening the global linkage between employee benefits and enterprise value.

Bikita: Cultivating a Sustainable Growth Ecosystem · Shared Progress & Mutual Benefit

Bikita prioritizes local community integration, with 80% of its workforce comprising local employees. The company actively supports the establishment of trade unions, collaborates closely with local unions to address concerns, and incorporates feedback into operational improvements. By constructing employee dormitories, on-site clinics, recreational facilities (cinemas, sports courts), and operating shuttle buses, Bikita ensures comprehensive support for housing, healthcare, commuting, and leisure needs.

Health & Capacity Building

Medical Initiatives: Regular breast cancer screening programs and partnerships with China's Medical Aid Team for Zimbabwe to provide specialized healthcare services.

Skill Development: Comprehensive training programs covering safety protocols, technical competencies, and health education to empower employees professionally.

Employee Well-being Enhancements

Infrastructure Investments: 24/7 shuttle bus services to streamline commutes.

Cultural Empowerment: Training modules that blend technical upskilling with personal development, fostering a sense of ownership and responsibility.

These initiatives reflect Bikita's commitment to uplifting local communities while cultivating a motivated, skilled workforce aligned with global operational standards.

Regular breast cancer screening programs and partnerships with China's Medical Aid Team for Zimbabwe to provide specialized healthcare services

shuttle bus services to streamline commutes

Tanco: Vitality Empowerment · Inclusive Cohesion

Tanco's employee community engagement strategy is rooted in human-centric values and cultural integration. During the reporting period, four distinctive initiatives were developed:

1. Family Interaction

Continued enhancement of the Winter Family Skating Program, a signature initiative featuring innovative formats like parent-child ice skating classes and obstacle course challenges to deepen family bonds.

2. Sports Competitions

Launched Curling Fun Matches, blending technical skill-building with team collaboration, now established as a flagship cultural event for corporate identity.

3. Cultural Integration

At the Lac du Bonnet Canada Day celebrations, designed an immersive parade themed on North American Maple Leaf Aviation Culture. This included a custom aviation-themed float, interactive flight simulators, and educational foam "flight kits" distribution, inspiring participants—especially youth—to explore aviation-related fields while celebrating local heritage.

4. Employee Engagement Initiatives

Tanco organizes diverse team-building programs, including:

- ◎ Cross-cultural communication workshops
- ◎ Leadership development retreats
- ◎ Community volunteer collaborations

These programs reinforce Tanco's commitment to fostering an inclusive workplace while aligning with global ESG standards for employee well-being and cultural synergy.

Kitumba: New Foundations, Shared Growth

Since completing the integration of Kitumba Mine in 2024, Sinomine has established a globally integrated employee rights protection system, blending international standards with local cultural contexts. Through optimized Occupational Health and Safety Management Systems (OHSMS), localized living facilities, and cross-cultural team collaboration frameworks, the company continuously enhances employee belonging and community identity, achieving mutual empowerment between corporate growth and human-centric care.

Kitumba Living Area Construction Launch Site

Employee Training & Development

Sinomine consistently prioritizes talent cultivation, offering diverse training opportunities to foster continuous self-improvement while encouraging employees to embrace responsibilities and realize their potential.

In 2024, the company conducted multifaceted training programs covering Health & Safety, Compliance, Emergency Response, High-Risk Work Certification, Management Skills, Underground Blasting, and other technical and certification courses. Total training hours reached 56,232.52, averaging 17.60 hours per employee. Additionally, Sinomine institutionalized an In-Service Education Management Policy to support employees' academic advancement through subsidies and structured programs.

ESG Training Programs: Systematic upskilling on environmental, social, and governance standards

Sports & Cultural Activities: Regular events to promote physical wellness and team cohesion

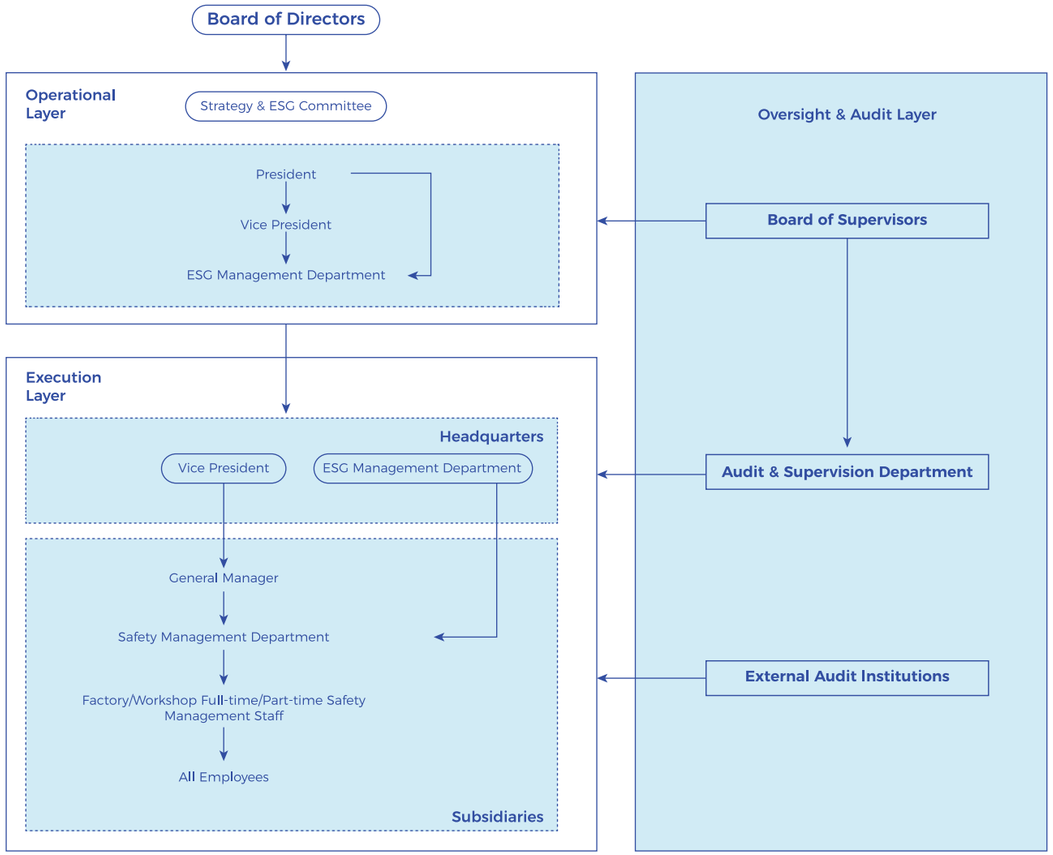
Bikita Football Team: Advanced to the Zimbabwe Premier League

Occupational Health and Safety

Governance Structure

The Company has established a Strategy and ESG Committee chaired by the Chairman, serving as the highest decision-making and coordination body for occupational health, workplace safety, and public security/fire safety management. Additionally, a Vice President is appointed to oversee workplace safety and occupational health affairs, with the ESG Management Department responsible for operational execution, ensuring comprehensive oversight and management of the Company's safety initiatives.

All subsidiary mines, smelting units, and other operational divisions have dedicated safety management offices staffed with full-time safety personnel. Contractors are bound by project contracts and safety production management agreements to assume independent safety accountability, while being fully integrated into the Company's overarching safety management system.



Governance Structure of Sinomine's Occupational Health and Safety

Sinomine strictly complies with the People's Republic of China Safety Production Law, Law on the Prevention and Control of Occupational Diseases, and other regulatory requirements, obtaining legally mandated certifications including Safety Production Licenses, Pollutant Discharge Permits, and Hazardous Chemicals Registration Certificates. The ESG Management Department oversees the group-wide occupational health and safety framework, establishing a systematic structure of departmental responsibilities and operational protocols. Standardized systems, such as the Safety Production Management System and Equipment Management Regulations, ensure compliance and operational clarity.

Sinomine has implemented the ISO 45001 Occupational Health and Safety Management System (OHSMS) across mining and smelting operations, achieving full certification. This system establishes institutional and technical foundations for safety governance, ensuring all processes adhere to defined protocols and safety awareness permeates all operational stages. Contractors are integrated into this unified framework through rigorous qualification reviews, competency assessments, and on-site management evaluations, while mandatory minor incident reporting and analysis mechanisms drive continuous improvements in operational practices and process optimization.

Case: Jiangxi Production Base

Jiangxi-based subsidiaries of Sinomine have established Safety Management Committees and dedicated Safety Management Departments, staffed with certified safety professionals. Quarterly safety management seminars are convened to organize technical and management personnel in conducting comprehensive safety inspections. In alignment with ISO 45001 standards, systematic checks are implemented for machinery safety, fire/explosion prevention, rainy-season flood control, and special event risk assessments.

New Employee Onboarding

Mandatory three-level safety training program (company-level, workshop-level, and team-level) with mandatory certification exams prior to operational assignments.

Annual training curriculum includes:

- Welding operation safety protocols
- Production process standardization
- Emergency evacuation drills
- Occupational health protection
- First aid competencies

Safety Production License; Hazardous Chemicals Registration Certificate; Occupational Health and Safety Management System (OHSMS) Certification

Risk Management

Risk Identification

Sinomine's core business operations span geological exploration, mining operations, smelting and processing, engineering construction, new energy materials, and eco-PV sectors. Safety management risks are predominantly concentrated in three areas:

- Mining Operations: Geological hazards, structural collapses, explosive incidents
- Smelting & Processing: High-temperature molten metal handling, toxic gas leaks
- Engineering Construction: Falls from heights, mechanical equipment failures

Risk Matrix by Operational Segment

Base/Plant	Key Occupational Health Risks	Management Measures
Mining Base	Dust Hazards: Inhalable dust from drilling, blasting, and material handling → Risk of pneumoconiosis.	PPE: Mandatory dust masks and respirators.
	Noise Hazards: High-decibel equipment noise → Hearing damage.	Engineering Controls: Ventilation/dust extraction systems + regular site cleaning.
	Fall Risks: Elevated work areas (e.g., underground operations) → Fall hazards.	PPE: Anti-noise earplugs.
	Toxic Asphyxiation: Hazardous gases (e.g., CO) in confined spaces.	Engineering Controls: Noise-reduction modifications for high-noise machinery.
Smelting Base	Thermal Hazards: Molten metal exposure → Heatstroke risks.	Engineering Controls: Insulated barriers, cooling systems.
	Dust & Emissions: Fumes (e.g., SO_2) and particulates during smelting → Respiratory damage.	Administrative Controls: Rotational work schedules + heatstroke prevention kits (hydration, cooling towels).
	Chemical Exposure: Heavy metals (e.g., lead, arsenic) → Neurological damage.	Engineering Controls: Electrostatic precipitators + scrubbers.
	Noise Hazards: Machinery noise → Chronic hearing loss.	PPE: NIOSH-certified masks (N95+).

Risk Monitoring

Sinomine has established a closed-loop management mechanism for major risk identification, control, and reassessment, serving as a critical supplement to its risk prevention and control system. During the reporting period, risk prevention frameworks and specialized inspections were conducted across key subsidiaries. Rectification responsibilities, action plans, resource allocations, and deadlines were explicitly defined for each identified issue, with checklist-based management ensuring thorough resolution of all problems.

Occupational Health & Safety Training

To address risks arising from insufficient training, the company implements tiered and categorized training programs during onboarding and ongoing employment phases. Rigorous assessments ensure all employees acquire occupational health and safety knowledge. The Safety Production Month initiative further enhances safety awareness through case-based teaching and simulation drills.

During the reporting period, Sinomine developed a standardized education and training framework, innovatively producing safety warning comics, accident case analysis animations, and online training courses. These tools systematically strengthen employees' safety skills and regulatory compliance awareness while reinforcing the company's safety culture.

Jiangxi Production Base: Occupational Health & Safety Management

Sinomine's Jiangxi production base prioritizes the prevention and mitigation of work-related health hazards, ensuring safe working environments. The facility has established comprehensive safety production systems, encompassing detailed operational regulations, equipment handling protocols, and hazardous material safety guidelines.

Jiangxi Production Base maintains fully stocked emergency response supplies, including specialized protective gear and first-aid equipment

Proactive Health Risk Mitigation

Traditional Hazards: Systematic controls for dust, chemical exposure, and noise hazards through engineered safeguards and PPE protocols.

Emerging Risks: Addressing modern health concerns (e.g., spinal issues from prolonged sitting, psychological stress from high-intensity work) via ergonomic workstation designs, rest area enhancements, and mental health support programs.

Training & Awareness: Regular occupational health training sessions to strengthen employees' safety awareness and operational compliance.

Emergency Response Infrastructure

On-site Emergency Stations: Standardized storage points for protective gear and medical devices, enabling rapid crisis response.

First-Aid Facilities: Equipped with basic medicines for minor injuries (e.g., abrasions, burns) and staffed by certified personnel.

Smart Monitoring Systems: Real-time tracking of safety equipment functionality to preemptively address potential risks.

Employee-Centric Safety Culture

Health Surveillance: Mandatory occupational health check-ups, health records management, and job rotation policies to minimize occupational injuries.

Ergonomic Design: Human-centric workstation layouts with adjustable equipment to reduce physical strain.

Wellness Initiatives: Health lectures, fitness programs, and stress-relief activities to promote holistic employee well-being.

These measures reflect Sinomine's commitment to embedding occupational health and safety into its sustainability strategy, fostering a secure, healthy, and productive workplace where employees can thrive.

Overseas Production Base: Continuous Safety Training & Emergency Preparedness

Sinomine's overseas production bases prioritize ongoing safety training to enhance employees' safety awareness and emergency response capabilities. Training programs comprehensively cover risk identification, equipment operation compliance, emergency protocols, and regulatory requirements. For instance, during the reporting period, Bikita conducted over 200 safety training sessions, including mandatory participation by safety officers and department managers in government-led radiation safety seminars and industry safety exchanges.

Structured Safety Governance

Monthly Safety Meetings: Bikita holds monthly safety briefings to review special inspection findings, hazard rectification progress, and training outcomes. High-risk hazards are escalated and resolved through closed-loop management.

Regulatory Alignment: Training content aligns with international standards (e.g., ILO guidelines) and local regulations, ensuring compliance in radiation safety, equipment handling, and emergency workflows.

Key Initiatives

Emergency Drills: Simulated crisis scenarios (e.g., radiation leaks, equipment failures) to reinforce procedural adherence.

Certification Programs: Mandatory certifications for safety officers and technicians, validated through third-party audits.

Documentation: Detailed records of training completion, hazard assessments, and corrective actions for traceability.

This systematic approach ensures that overseas operations maintain world-class safety standards while fostering a culture of proactive risk mitigation and regulatory excellence.

Bikita conducts Safety & Occupational Health Training

Tanco implements Occupational Safety Training

Tsumeb Smelter: Safety Framework & Emergency Preparedness

Tsumeb Smelter has established Safety Prevention Standards and a Hazard Identification and Risk Quantification Assessment Form. During the reporting period, the smelter further refined its safety risk management framework, with a core objective of achieving zero-harm objectives through enhanced rule implementation and employee engagement.

Key Initiatives

Safety Drills: Regular emergency response simulations (e.g., fire evacuations, equipment failures) to reinforce procedural adherence and hazard mitigation capabilities.

Risk Mitigation: Continuous optimization of hazard controls aligned with ISO 45001 requirements, focusing on root-cause analysis and preventive measures.

This systematic approach underscores Tsumeb Smelter's commitment to fostering a culture of operational excellence and employee protection.

Tsumeb Smelter conducts Safety Drills

Occupational Health & Safety Performance Metrics

In 2024, Sinomine achieved the following key occupational health and safety outcomes:

1. Training Metrics

Total training hours: 47,925 hours of occupational health and safety programs.
Training frequency: Over 1,000 sessions conducted.
Coverage rate: 100% of employees received annual training (average duration: 15.00 hours/employee).

2. Risk Mitigation

Safety liability insurance coverage: 100% of employees insured.
Emergency drills: Conducted over 50 exercises to enhance crisis response capabilities.

3. Incident Management

Recordable injury incidents: 13 cases (all minor or light injuries).
Lost work hours due to injuries: 1,329 hours.
Sinomine maintains occupational health and safety as its top strategic priority, systematically implementing safeguards through:

- Compliant PPE provision and structured safety training curricula.
- Regular health monitoring and certification programs (e.g., hazard assessments, emergency response protocols).
- Safety culture reinforcement via structured safety governance frameworks (aligned with ISO 45001 and ILO standards).

Community Engagement

We deeply recognize the intrinsic connection between enterprises and communities, consistently prioritizing community development and well-being as core responsibilities. We actively engage in community welfare initiatives, advancing infrastructure development in education, healthcare, and other sectors to improve living standards. Emphasizing open dialogue with residents, we listen to their needs, address concerns promptly, and strive to diversify local economies by creating employment opportunities and fostering industrial prosperity. Through concrete actions, we collaborate with communities to achieve mutual success in corporate growth and community advancement.

Community Communication

Building harmonious community relationships is vital to sustainable development. The Company has established a comprehensive community management framework encompassing policies, guidelines, operational procedures, and emergency response protocols. Led by the Human Resources Department, a cross-departmental dynamic monitoring and response mechanism ensures real-time oversight of subsidiary community relations and full-cycle evaluation of implementation outcomes.
2024 Annual Community Risk Analysis highlights that primary risks within our operational regions are concentrated in mining and smelting project activities. Key risk dimensions include maintaining community tranquility, mitigating environmental health impacts (noise and vibration, dust emissions, chemical management), and safeguarding public facilities.
Sinomine consistently integrates community feedback into strategic decision-making through proactive prevention, transparent communication, and feedback loops. Subsidiaries execute diversified annual engagement programs, such as organizing mine open days for production process tours and convening villager representative symposiums. By fostering mutually respectful and constructive dialogue mechanisms, we systematically collect and address community concerns regarding corporate operations.

Kitumba proactively engages with local communities to understand residents' needs and concerns

Community Engagement and Feedback Mechanism

With operations spanning multiple countries and regions, Sinomine recognizes that mineral resource development in project areas often serves as a cornerstone of local economic growth. Tax revenue contributions, job creation, and infrastructure upgrades driven by these projects establish critical foundations for improving livelihoods in host communities.
Aligned with the United Nations Sustainable Development Goals (SDGs), Sinomine adopts a responsible development model across its global mining portfolio. While ensuring operational excellence, the company proactively shares development benefits with local communities through pathways such as industrial system upgrades, public service enhancements, and systemic improvements to regional economic quality. These efforts foster sustainable capacity-building in local communities, establishing Sinomine's globally recognized approach to inclusive development.

Bikita: Building Collaborative Community Networks & Developing Local Talent Pipelines

Since acquiring Bikita in January 2022, Sinomine has prioritized enhancing local living standards and driving regional economic progress. The Bikita Social Responsibility Committee implements a quarterly community engagement mechanism, deploying dedicated teams to conduct structured consultations with local governments, communities, and NGOs. This process identifies priorities across residential, educational, and healthcare sectors while maintaining ongoing collaboration with local authorities, traditional leaders, and civil society organizations.

Internal Governance

Quarterly employee feedback surveys using standardized questionnaires to address workforce needs. Trade union establishment supported by corporate resources, complemented by regular joint meetings to refine labor rights frameworks.

Employment & Economic Empowerment

Created over 1,000 localized job opportunities within mining operations. Infrastructure investments in water well drilling projects and road rehabilitation programs to elevate basic livelihoods. Educational and healthcare initiatives, including school-based nutrition lunch programs and medical aid projects, directly benefiting thousands of students and families. These multidimensional initiatives have significantly improved quality-of-life indices for communities in Bikita and six adjacent administrative regions, strengthening cross-cultural ties between China and Zimbabwe.

H.E. Ethel Charamira, Provincial Governor of Masvingo Province, Zimbabwe, visited Sinomine;
H.E. Simba Chikomo, Deputy Minister of Foreign Affairs and International Trade of Zimbabwe, led a delegation to Sinomine

Community Engagement in Infrastructure Development

In, Bikita participated in the construction of a 132 kV high-voltage transmission line project connecting Tokwe to Bikita in Zimbabwe, passing through Masvingo, with a total length of 110 kilometers. Since its official commissioning in March 2024, 78% of the power load has been integrated into the rural electrification network, significantly enhancing power reliability for communities along the route. Schools, medical clinics, commercial facilities, and residential areas in the vicinity now benefit from shared project outcomes.

Bikita-Invested 132 kV High-Voltage Transmission Line

During Zimbabwe's severe drought in the reporting period, Bikita constructed 36 water wells in drought-stricken communities such as West, Masvingo North, and Masvingo West, addressing safe drinking water needs for over 5,000 individuals. Bikita also plans to build the Birchenough Bridge between 2024 and 2025, which will serve as a critical economic corridor between Masvingo and Manicaland while functioning as a key transportation route to South Africa and Mozambique.

Healthcare Initiatives

In healthcare, Bikita launched the renovation and expansion of its mine clinic in November 2023, completed in June 2024. The clinic now meets both employee health check requirements and community healthcare upgrades, equipped with specialized devices such as X-ray machines and electrocardiogram (ECG) systems, establishing a comprehensive medical service system covering emergency care, trauma treatment, and primary healthcare.

Bikita-Shumbaimwe Clinic in West Bikita

During the reporting period, Bikita collaborated with the 21st Chinese Medical Team to Zimbabwe to conduct public health outreach programs, including HIV/AIDS prevention education, medical supplies donations, emergency skills training, traditional Chinese acupuncture therapy, and basic health checkups (blood pressure/glucose monitoring), ECG testing, multidisciplinary consultations, and clinical surgical support.

Third Consecutive Year of Joint Medical Camps with Chinese Medical Team

Recognizing Zimbabweans' passion for sports and culture, Bikita implemented a cultural and sports support program, funding local football leagues, women's basketball clubs, professional tennis tournaments, and community volleyball activities while building a diversified sports support system.

Bikita Sponsorship of Local Sports Events

Employment Promotion

Prior to equity transfer in 2022, Bikita Minerals had approximately 250 employees. Post-acquisition by Sinomine, through localized supply chain integration, the company has cumulatively created 2,550 local jobs by the reporting period. Current local staffing includes 1,078 Zimbabwean employees (80% from local communities such as Bikita, Gutu, and Masvingo), with 164 female employees, marking a 26-percentage-point increase in female workforce participation compared to pre-acquisition levels. Stable localized operations have significantly improved household incomes and quality-of-life indices in surrounding communities.

Bikita's Inaugural International Women's Day Celebration

Capacity Building

In capacity development, Bikita prioritized sustainable income-generating training and community self-reliance programs. Innovatively established under the leadership of traditional chiefs, the Community Development Fund provides holistic support through microloans, skills training, and entrepreneurship incubation to systematically address economic vulnerabilities.

Education Support

Bikita advanced the Youth Holistic Development Program, supplying teaching materials to over 10 local primary schools and establishing higher education scholarships to foster long-term growth.

Bikita Actively Supports Local Education Development

Tanco: Building Community Collaboration Hubs, Activating Local Talent Ecosystems

Tanco implements targeted support programs focusing on three key livelihood areas: sports development, primary healthcare, and public safety capacity building. These initiatives span over 10 primary schools, five traditional cultural festivals, and regional industry summits to nurture grassroots social capital.

Community Collaboration

Through sustained engagement in Indigenous cultural events and public affairs, Tanco deepens its interaction with local communities. The company has long supported flagship events like the Indigenous Career Expo, providing platforms for young community members to showcase skills in mining technology. Employees also volunteer in preparing traditional festivals, assisting in reviving and preserving culturally symbolic rituals and crafts. On significant commemorative days such as the Treaty of Saganash-Anishinaabe Day, Tanco not only sponsors events but also co-hosts historical exhibitions and cultural workshops to facilitate intergenerational knowledge transfer and strengthen trust between the company and Indigenous communities.

Tanco Sponsored & Participated in 2024 Indigenous Community Career Fairs

Tanco Joined Sagkeeng Anicinabe Treaty Days Celebrations

Talent Development

Tailoring programs to community needs, Tanco bridges traditional skills with modern industries. For example, at the Brockenhead Anishinaabe Tribe recruitment fair, priority is given to candidates with traditional land management expertise, complemented by safety production and equipment operation training. Collaborating with the Sagkeeng Anicinabe Ethnic Business Expo, the Youth Entrepreneurship Support Program offers practical guidance in product design optimization and market expansion for local artisans. These initiatives preserve cultural identity while equipping community members with skills to adapt to regional economic demands.

Community Empowerment

Tanco prioritizes sustainable solutions through resource integration. Its partnership with Northern University College on the Community Mine Readiness Program combines geological exploration training with Indigenous land stewardship wisdom, developing context-specific safety protocols. In public health, Tanco supports Traditional Herbal Research and modern medical training projects to improve healthcare accessibility. Additionally, infrastructure upgrades—such as water supply system improvements and school facility renovations—directly enhance residents' quality of life. These efforts address immediate challenges while building long-term community resilience.

Tanco Launched the Community Mine Readiness Program in Collaboration with Sagkeeng Anicinabe Nation and University College of the North

Tsumeb Smelter: Addressing Community Urgencies, Empowering Self-Development Momentum

In 2024, Tsumeb Smelter advanced community development through a collaborative framework between the Community Trust Fund and the Sustainability Committee, implementing multidimensional empowerment programs. By aligning corporate resources with local needs, the company prioritized initiatives in agricultural productivity enhancement, basic education optimization, and cultural heritage revitalization, establishing a sustainable development model that integrates industrial support with capacity building. This reaffirmed Tsumeb Smelter's long-term commitment to Namibia's sustainable growth.

Building Sustainable Community Support Systems

Tsumeb Smelter prioritized systemic community support by organizing farmers' skill training programs and women's business forums to elevate economic participation. For youth, the company launched career guidance initiatives and entrepreneurship incubation programs, equipping participants with skills aligned with modern industrial demands. In public infrastructure, Tsumeb Smelter collaborated on community development projects—such as water supply system upgrades and school facility renovations—to deliver long-term quality-of-life improvements. These efforts addressed immediate needs while building resilience against future challenges, embodying the company's ethos of rooted local partnerships.

Industrial Revitalization & Cultural Empowerment

The annual Tsumeb Smelter Copper Festival, themed around diversity, served as a platform for industrial exchange and cultural preservation. Parallel SME Development Workshops invited global experts to guide local businesses in operational excellence. The Farmers' Market Initiative introduced direct sales channels for agricultural products, while the Youth Entrepreneurship Showcase highlighted innovative crafts projects, with traditional technique upgrades receiving corporate funding. This fusion of cultural heritage and commercial value demonstrated sustainable community development in action.

2024 Tsumeb Smelter Copper Festival Event

Systemic Education Ecosystem Upgrade

In basic education, Tsumeb Smelter supplied science laboratory equipment, smart screens, and learning materials (stationery, printers, desks) to priority schools. The Math & Science Clinic program combined after-school tutoring with weekend workshops to nurture scientific literacy. For higher education, the company sponsored Namibia's inaugural International Engineering Conference, fostering industry-academia collaboration, and established scholarships to support outstanding students in global academic exchanges.

Tsumeb Smelter's Comprehensive Support for Local Education

Infrastructure & Healthcare Advancements

Tsumeb Smelter funded the Masvingo Community Park renovation—a central recreational hub—and upgraded school sports facilities, including basketball courts and support for local teams like the Tsumeb Gymnastics Club.

Tsumeb Smelter's Investment in Local Sports Infrastructure

In healthcare, the company prioritized employee well-being through regular medical checkups, occupational disease screenings, and mental health counseling, building a holistic health management system. Cultural integration efforts included organizing Namibia's Independence Day celebrations and traditional festivals, fostering cross-cultural dialogue.

Tsumeb Smelter's Employee Health Programs & Cultural Celebrations

Kitumba: Building Public Platforms, Cultivating Responsible Citizenship

Kitumba adheres to a philosophy of co-development with local communities. During the reporting period, the mine strengthened community engagement through multifaceted initiatives. Tailored to local needs, it provided sustained livelihood support, including essential supplies, infrastructure development projects, and educational, healthcare, and employment programs. These efforts addressed immediate community needs while laying foundations for long-term progress.

Integrated Development Approach

Kitumba integrates its operational growth with community advancement. Beyond pursuing economic benefits from resource extraction, the mine actively supports community well-being through tangible investments. By prioritizing education, healthcare, and skills training, it has built enduring relationships with residents. Employment programs are designed to align with market demands, equipping community members with sustainable job skills. This model—combining resource development with livelihood security—strengthens the social foundation for corporate operations while fostering diversified local economic growth, creating a mutually beneficial development pattern.

Targeted Community Assistance

Kitumba actively engages in local communities through dedicated programs:

- Donation initiatives supporting education and healthcare infrastructure.
- Infrastructure projects such as road upgrades and community facility renovations.
- Skills development workshops focusing on vocational training and entrepreneurship.

Kitumba Implements Targeted Community Assistance Programs

Responsible Supply Chain

Sinomine has established a comprehensive supply chain management system to ensure long-term stable supply of goods, services, and raw materials critical to its operations while guiding suppliers to align with its sustainability principles and performance standards.

During the reporting period, Sinomine further optimized its responsible supply chain governance structure. The Marketing and Procurement Department at headquarters coordinates cross-functional efforts to advance responsible supply chain practices across subsidiaries. Subsidiaries tailor management systems to their operational roles:

- **Trading Companies:** Develop specialized frameworks aligned with their supply chain positions and collaborate with partners on ethical practices.
- **Smelting & Processing Enterprises:** Implement mechanisms suited to their operations, emphasizing partnerships with upstream/downstream entities.
- **Mining Operations:** Build context-specific governance structures to foster responsible collaboration across the supply chain.

Supply Chain Management

1. Supplier Screening & Qualification Mechanism

The Marketing Department leads a cross-functional team (including Production, Quality Control, and Technology) to establish a Supplier Pre-Qualification System. Suppliers undergo a three-tier review:

- **Document Review:** Procurement Department evaluates submitted materials (e.g., quality certifications, production permits).
- **Cross-Departmental Audit:** Interdisciplinary teams assess compliance with safety, environmental, and technical standards.
- **Onsite/Video Inspection:** Mandatory for hazardous chemical suppliers, verifying Safety Production Licenses, Transport Qualifications, and Safety Data Sheets (SDS).

2. Dynamic Monitoring & Risk Control Mechanism

A monthly quantitative evaluation system assigns suppliers star ratings based on the Supplier Monthly Quality Evaluation Summary. Key risk controls include:

◎ Annual Onsite Audits for critical suppliers to monitor production stability.

◎ Three-Tiered Nonconformity Protocol:

- First nonconformity: Corrective action within 30 days.
- Second nonconformity: Suspension of procurement.
- Third nonconformity: Permanent disqualification.

◎ Safety Compliance: Mandatory EHS training and hazard disclosures for all suppliers.

◎ Strategic Supplier Development: Prioritizing suppliers with clean production technologies and circular economy practices to reduce single-source risks to <15%.

◎ Lifecycle Management: 60-day advance notice for process changes, with batch tracing for critical material modifications.

3. Sustainable Supply Chain Management System

Sinomine integrates environmental and social criteria into procurement:

◎ **Green Standards:** Embedding low-carbon requirements across sourcing processes.

◎ **Supplier Screening:** Prioritizing entities with robust ESG practices, biodiversity protection protocols, and fair labor standards.

◎ **Dynamic Evaluation:** Assessing full lifecycle environmental footprints and social impacts to refine risk mitigation strategies.

4. Tiered Supplier Management

Suppliers are categorized into three tiers based on material criticality:

◎ Tier A (Critical) : Materials like CO_2 and caustic soda requiring highest control (e.g., onsite audits every 2 years).

◎ Tier B (Non-Critical) : Standard management for materials like liquid alkali (e.g., annual reviews).

◎ Tier C (Auxiliary) : Basic controls for packaging materials, with periodic post-delivery checks.

Responsible Mineral Sourcing ○

Sinomine adheres to the Responsible Business Alliance Initiative (RBA) and complies with China's Responsible Mineral Supply Chain Due Diligence Guidelines and OECD's Due Diligence Guidance for Conflict-Affected Minerals.

Key commitments

◎ **Prohibit Sourcing from Tier 1 Conflict Zones:** Strict avoidance of minerals linked to human rights abuses or armed conflict.

◎ **Risk-Based Controls:** Enhanced scrutiny for Tier 2 regions, prioritizing conflict-free sources.

◎ **Transparency & Partnerships:** Collaborating with host governments and communities to improve governance and eliminate exploitative practices.

Five Core Risk Mitigations

1. Human Rights: Zero tolerance for forced labor, child labor, or war crimes; immediate termination of non-compliant suppliers.

2. Illegal Armed Support: Prohibiting transactions that fund illicit groups; requiring security providers to meet Montreux Document standards.

3. Anti-Corruption: Zero bribery, transparent tax compliance, and supplier due diligence.

4. Environmental Protection: Rigorous pollution controls and ecological impact assessments.

5. Community Safeguards: Respecting Indigenous land rights and traditional practices.

Response Protocol

High-risk suppliers are required to submit improvement plans within six months. Failure triggers termination and remediation actions (e.g., supply chain traceability, community support programs).

Localized Procurement ○

Jiangxi Base

◎ **Supplier Certification:** 100% of key suppliers hold ISO 9001 Quality Management System (QMS) certification.

◎ **Geographic Distribution:** Suppliers are based in Jiangxi, Ningxia, Xinjiang, and Inner Mongolia.

◎ **Localization:** 59.40% of procurement expenditure is sourced locally (provincial level).

◎ **Framework Documents:** The Jiangxi Base has established Supplier & Procurement Control Procedures, Supplier Quality Assurance Agreement, Environmental Protection Agreement, Supplier Audit Form, Emergency Response Plan Management Regulations, and Incoming Material Inspection Standards to ensure supply chain resilience.

Bikita

Supplier Composition: Suppliers originate from Zimbabwe, South Africa, and China, with 41.67% of procurement sourced locally in Zimbabwe.

ESG Integration:

Low-Carbon Transition: Implemented via self-built photovoltaic power stations and green design principles.

Sustainability Practices: Promotes circular packaging, clean production, and ethical sourcing (including anti-forced labor clauses) to protect biodiversity.

Digital Governance: Utilizes digital systems to align operations with regulations while advancing environmental, social, and governance (ESG) synergies.

Innovation-Driven Craftsmanship

Sinomine remains committed to innovation-driven growth, focusing on deep development of rare metallic materials and lithium battery materials. The company has established an end-to-end technical system spanning basic research, process development, and industrial applications, continuously breaking through key technical barriers in material preparation to advance self-reliant and sustainable industrial chains. Leveraging globally leading mineral exploration technologies and interdisciplinary R&D capabilities, Sinomine has built a comprehensive technical framework covering intelligent geological data analysis, dynamic resource potential evaluation, and deep exploration prediction.

By strengthening industry-academia-research collaboration, Sinomine domestic and international institutions to overcome material performance bottlenecks, securing multiple independent intellectual property rights. This technological innovation drives high-value utilization of rare metals, providing critical material solutions for global renewable energy transitions and advanced manufacturing upgrades.

Adhering to the principle that "quality forges value," Sinomine has implemented a rigorous end-to-end standardized management system from resource exploration to product delivery. A robust inspection and testing system ensures core products—such as lithium battery materials and cesium-rubidium salts—meet industry-leading standards for purity and stability.

To address client needs, Sinomine offers a holistic service ecosystem integrating technical guidance, logistics tracking, and emergency response. Regular quality audits and continuous performance optimization further enhance product reliability and customer experience.

Under the ESG framework, the company integrates green manufacturing principles into production processes, achieving synergistic improvements in product quality and environmental benefits through clean production and circular economy models. This approach delivers responsible product solutions aligned with global sustainability goals.

Contents

| This chapter addresses the Sustainable Development Goals (SDGs) |

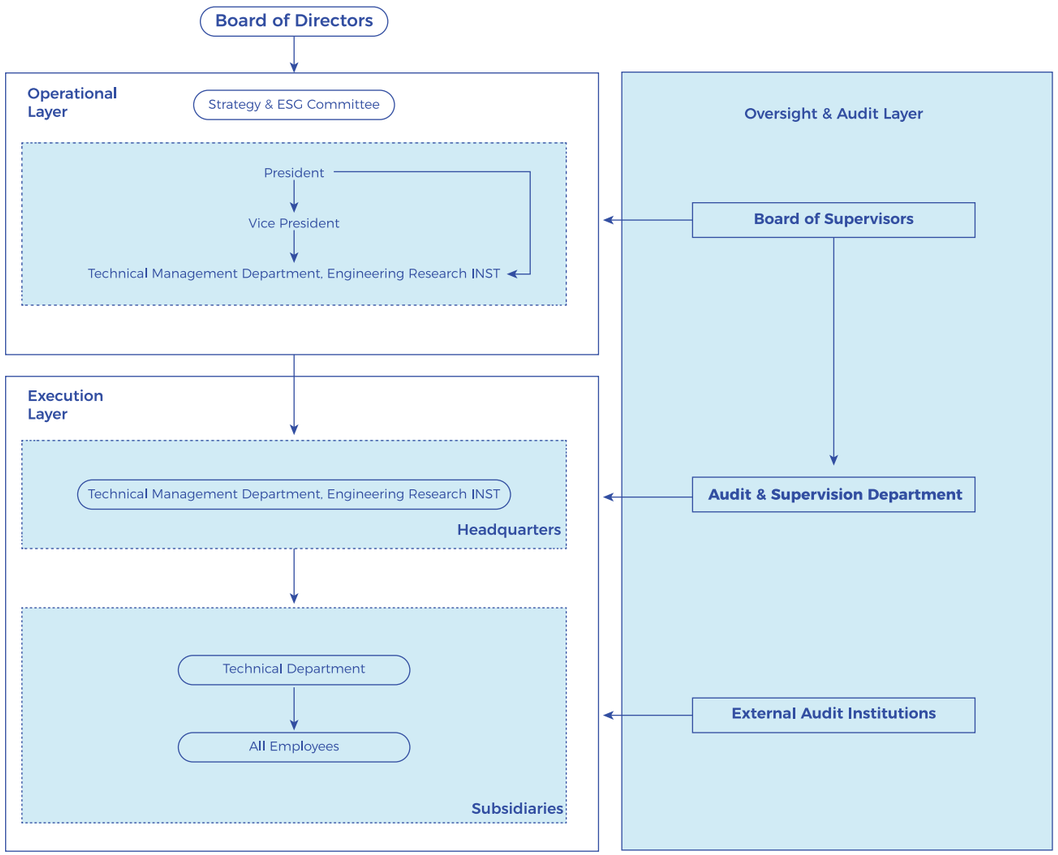
Technical Innovation

Technology Management

Sinomine has established a robust science and technology management system, building a comprehensive R&D framework. The company operates provincial-level enterprise technology centers and other high-level research platforms, fostering a self-developed innovation ecosystem and accumulating numerous independent intellectual property rights and research.

To cultivate an enabling research environment, Sinomine continuously optimizes mechanisms for rewarding scientific achievements and evaluating technical titles. These measures not only expand career development pathways for researchers but also attract top talent to contribute to specialized technical fields.

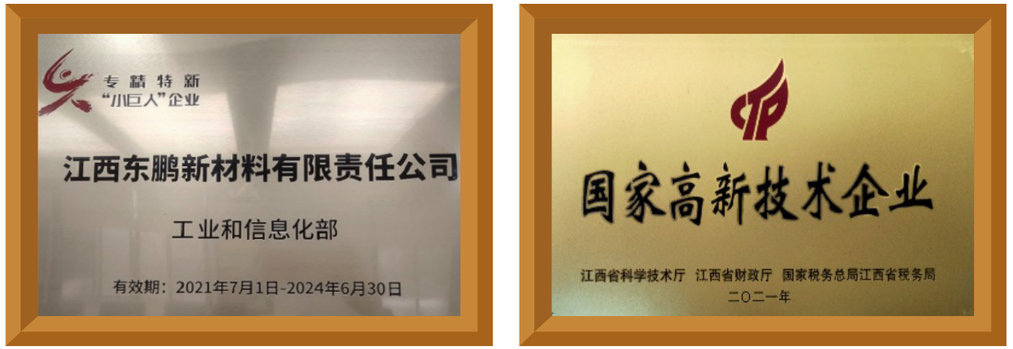
The company actively adopts market-oriented R&D mechanisms to stimulate organizational and individual innovation. By encouraging mining and metallurgy professionals to tackle frontline challenges and share innovation outcomes, Sinomine enhances efficiency. Concurrently, it refines performance evaluation systems and explores efficient project management methodologies to boost researcher productivity and motivation.



Sinomine's Technical Management Framework

Innovation Platforms

Jiangxi Sinomine New Materials is a National High-Tech Enterprise, National Specialized and New "Little Giant" Enterprise, and the host institution for the Jiangxi Provincial Rubidium-Cesium Resource Utilization and Materials Engineering Research Center, as well as a Jiangxi Provincial Enterprise Technology Center.



Jiangxi Sinomine New Materials is a National High-Tech Enterprise and National Specialized and New "Little Giant" Enterprise

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Innovation Talent

The company's lithium battery new energy raw material division boasts industry-leading production teams and metallurgical expertise. Its R&D and management teams comprise seasoned professionals, with most members having over 10 years of experience in the lithium salt sector, specializing in quality control, product development, and production management. Similarly, the rare light metal (cesium, rubidium) raw material division is led by industry veterans with extensive expertise in quality assurance, R&D, and operational management. Through years of practical innovation, Sinomine has prioritized technological upgrades—optimizing processes and equipment—to enhance production reliability and product stability.




Sinomine has built a globally integrated R&D team, combining technical depth with cross-disciplinary collaboration

Technology Awards

Sinomine has contributed to landmark geological exploration projects for international mining giants, including:

- China Nonferrous Metals' Chambishi Copper Mine (Zambia)
- China Metallurgical Group's Aynak Copper Mine (Afghanistan)
- North Industries' Platinum-Palladium Mine (Zimbabwe)
- CMOC's Kamoa-Kakula Copper Mine (DR Congo)
- Zijin Mining's Kamoa-Kakula Copper Mine (DR Congo)

As a pioneer in China's nonferrous metals sector, Sinomine has won:

- 1 First Prize of the China Nonferrous Metals Geological Exploration Award, and 2 Second Prizes of the same award
- 6 Third Prizes and 4 Honorable Mentions of the China Nonferrous Metals Industry Science & Technology Award

Intellectual Property

As of the reporting period, Sinomine holds: 142 authorized domestic and international patents (inventions and utility models); 24 software copyrights.

Standard Formulation

Sinomine has led or participated in formulating 30+ international, national, and industry standards, including: Battery Grade Lithium Hydroxide Monohydrate; Battery Grade Lithium Fluoride; Rubidium Sulfate; Cesium Fluoride; Formate Cesium; Cesium Chloride.

During the reporting period:

- Led development of Rubidium Sulfate and Cesium Nitrate standards.

Contributed to 2 ISO standards:

- ISO 24991: Lithium Ore Chemical Analysis—Determination of Lithium Oxide Content by Flame Atomic Absorption Spectrometry
- ISO 12386: Lithium Carbonate Chemical Analysis—Determination of Magnetic Foreign Matter by ICP-AES

Revised or co-developed 7 national/industry standards, including:

- Regenerated Lithium Raw Materials
- Chemical Analysis of Lithium Carbonate, Lithxide Monohydrate, and Lithium Chloride (Part 1) : Titration Method for Lithium Content
- Lithium Dihydrogen Phosphate
- Hydrogen Peroxide-Silver Nitrate Titration Method for Potassium, Sodium, Calcium, Iron, Silicon, Aluminum, Nickel, Copper, Magnesium, Lead in Lithium Compounds
- Intelligent Lithium Hydroxide Production

Product Responsibility

Sinomine consistently prioritizes product quality as the cornerstone of its corporate development, strictly adhering to domestic and international quality and safety regulations. The company complies with laws such as the Product Quality Law of the People's Republic of China and the Standardization Law of the People's Republic of China, while actively aligning with global standards to ensure compliance with high-quality safety and quality management systems worldwide.

Quality Management Practices

Sinomine has established a comprehensive and effective quality management system, implementing meticulous controls across the product lifecycle—from raw material procurement and production to product delivery and after-sales service. Each stage is governed by rigorous quality assurance protocols to guarantee consistent product reliability.

Commitment to Excellence

Through its robust quality management framework and disciplined processes, Sinomine consistently delivers high-quality, reliable products to customers, earning long-term trust and cultivating a strong corporate brand image.

Incident-Free Performance

No product recalls occurred during the reporting period due to quality or safety issues.
Zero withdrawals or recalls related to health or safety concerns were reported.

Customer Satisfaction

In 2024, Sinomine conducted satisfaction surveys among key clients, achieving a 98.57% overall satisfaction rate. Notably, product quality, service quality, and delivery satisfaction ranked among the highest metrics.

Company's Major Product Production (Unit: Tons)

Product Name	Metric	Unit	2024	2023	Year-on-Year Change
Lithium Salts	Sales Volume	Tons	42,649.08	17,407.24	+145.01%
	Production Volume	Tons	43,732.32	18,394.43	+137.75%
	Inventory	Tons	2,780.78	1,697.54	+63.81%
Cesium & Rubidium Fine Chemicals	Sales Volume	Tons	843.97	999.23	-15.54%
	Production Volume	Tons	960.44	962.18	-0.18%
	Inventory	Tons	370.20	253.73	+45.90%
Cesium Formate	Sales Volume	bbl	2,319.68	2,946.35	-21.27%
	Production Volume	bbl	0.00	506.96	-100.00%
	Inventory	bbl	18,969.88	21,289.56	-10.90%

Accomplishments in Product Innovation

As of the reporting period end (31 Dec 2024), Sinomine has secured approval for over 20 provincial-level new products, including High-Purity Cesium Iodide, Battery-Grade Fine-Grained Lithium Dihydrogen Phosphate, and 99.9% Spherical Lithium Oxalate. During the reporting period, the company additionally obtained approvals for 4 new provincial-level products, such as 2.5N Grade Rubidium Carbonate, 99.9% Cesium Fluoride, Low-Magnetic Battery-Grade Lithium Carbonate, and Smooth-Surface Monohydrate Lithium Hydroxide, earning 2 Second Prizes and 2 Third Prizes at the Jiangxi Provincial New Product Awards.

In 2024, Sinomine was honored with 2 Second Prizes and 2 Third Prizes under the Jiangxi Provincial New Product Awards

Lithium Battery Materials

Sinomine operates a fully integrated "mining-selection-metallurgy" value chain, encompassing hard-rock lithium mining, spodumene concentrate processing, and lithium compound production/sales. Leveraging robust R&D capabilities and industry experience, the company actively participates in national and international standard-setting, becoming a key contributor to standards for critical products such as battery-grade lithium fluoride.

Core Products

Battery Grade Lithium Hydroxide (LiOH) and Battery Grade Lithium Carbonate (Li_2CO_3) : Launched in September 2021, these products feature stable quality and ultra-low impurity levels, achieving rapid downstream customer certification and market acceptance. Sinomine exclusively masters single-firing and co-firing production processes for lepidolite, enabling large-scale battery-grade LiOH/Li_2CO_3 production ahead of industry peers.

Battery Grade Lithium Fluoride (LiF) : Utilizes a proprietary process with advantages including high recovery rates, low cost, coarse particle size, uniform distribution, high purity, and ease of drying. Successfully integrated into the Tesla supply chain, significantly enhancing global brand recognition.

Certifications

All lithium salt products hold ISO 9001 and IATF 16949 Automotive Quality Management System certifications, underscoring product excellence and operational rigor.

All lithium salt products hold ISO 9001 and IATF 16949 Automotive Quality Management System certifications

Cesium & Rubidium Materials

Sinomine operates the world's most comprehensive cesium value chain, spanning cesium garnet mining, processing, and fine chemical production, while delivering end-to-end technical services.

Product Portfolio

Cesium Salts: Includes base products (cesium sulfate, carbonate, hydroxide) and high-value additives (cesium iodide, aluminum fluoride cesium, bromide).

Rubidium Salts: Encompasses rubidium chloride, iodide, fluoride, hydroxide, etc.

Strategic Advantage: Diversified offerings mitigate market risks while enabling one-stop solutions for global clients, including Fortune 500 companies and industry leaders.

Sinomine's cesium and rubidium products have obtained ISO 9001:2015 Quality Management System Certification

Cesium and Rubidium Resources & Production

Sinomine controls major global high-quality cesium resources, including the Tanco Mine in Canada and the Bikita Mine in Zimbabwe. Strategically, the Company operates two core production bases: one in Winnipeg, Canada, and the other in Xinyu City, Jiangxi Province, China. Additionally, cesium formate recovery facilities are established in Aberdeen, UK, and Bergen, Norway. Cesium formate is predominantly utilized in the oil and gas sector as drilling and completion fluids for high-temperature, high-pressure well operations.

Technical Advantages of Cesium Formate Fluids

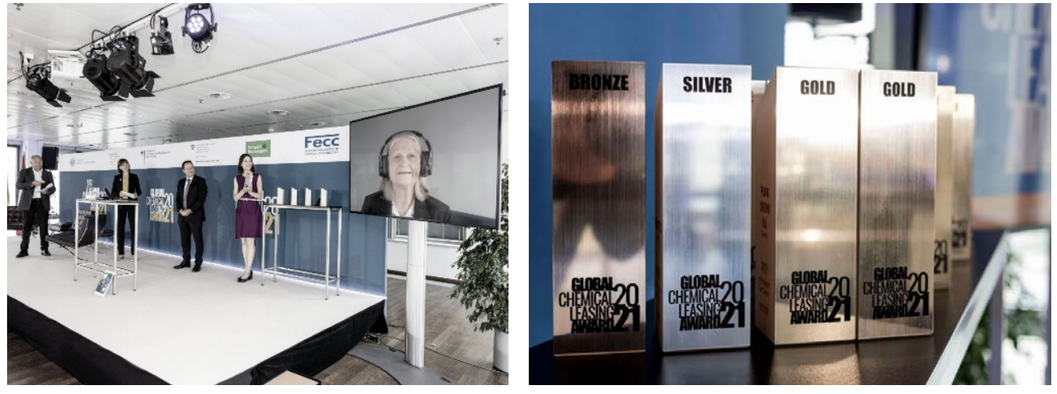
Cesium formate fluids exhibit core advantages including high solubility, low viscosity, no solid phase residue, strong thermal stability, high-temperature resistance, non-corrosiveness, biodegradability, and environmental friendliness. Compared to conventional drilling and completion fluids, cesium formate significantly enhances oil yield and drilling efficiency, reduces friction coefficients, minimizes stuck pipe risks, prevents metal corrosion, and delivers superior environmental performance, demonstrating broad application prospects.

Performance Specifications of Cesium Formate Fluids

By adjusting concentration, cesium formate fluids achieve a solid-free density range of 1.31–19.2 lb/gal (1.57–2.30 g/cm³). Chloride-based cesium formate brines reach densities of 13.1–19.2 lb/gal (1.57–2.30 g/cm³), representing the heaviest known non-solid-phase halide system. These fluids exhibit exceptional chemical stability, with boiling points varying significantly by concentration (122–145°C at 2.30 g/cm³) and pH values stable within 9–11 alkaline ranges. Viscosity ranges from 1.7–10 cP (20°C), supported by excellent water solubility (84.6–86.6% at 20°C).

Cesium Formate Fluids: Global Solutions for Clean Completion, Workover, Suspension, and Intervention

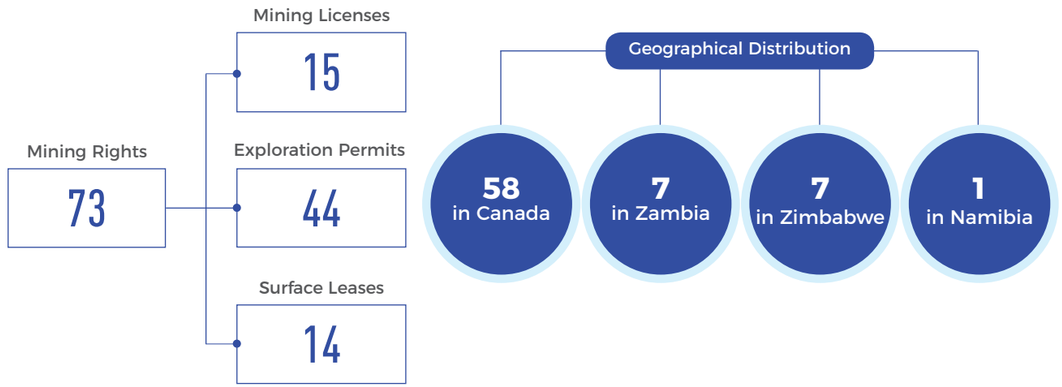
Leveraging resource advantages and strategic production layouts, Sinomine not only supplies advanced cesium formate products and technical expertise to global oilfield service companies and multinational energy firms but also delivers tailored solutions and technical support to high-quality clients across industries.



SSF Ltd Wins UNIDO Chemical Leasing Gold Award

Geological Exploration

As of the disclosure date of this report, the company and its subsidiaries collectively hold 73 mining rights, comprising 15 mining licenses, 44 exploration permits, and 14 surface leases. The geographical distribution of these rights is as follows: 58 mining rights are located within Canada; 7 mining rights in Zambia; 7 mining rights in Zimbabwe; and 1 mining right in Namibia.



Product Inspection and Quality Assurance

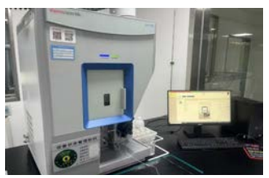
Quality Management & Compliance

Strictly adhering to the Product Quality Law of the People's Republic of China and Standardization Law of the People's Republic of China, Sinomine implements a full-lifecycle quality control system, spanning raw material procurement, production processing, and final delivery. By aligning with international standards and conducting internal quality audits, the Company ensures compliance with industry norms and client expectations, systematically mitigating quality risks to build a "zero-defect" management culture, thereby enhancing competitiveness and brand credibility.

100% Inspection & Advanced Testing Capabilities

The Company enforces a 100% inspection policy, requiring all products to pass rigorous physicochemical validation before shipment. Utilizing provincial-level laboratory resources, Sinomine employs advanced detection technologies including UV spectrophotometry, flame atomic absorption spectroscopy (FAAS), ICP standard addition and curve methods, alongside electrochemical analysis (potentiometry, ion-selective electrode) and physical property testing (dry/wet sieve analysis, gravimetric methods). This multi-dimensional approach ensures comprehensive coverage of elemental content, compositional structure, and physical performance. All testing procedures strictly comply with ISO/IEC 17025 and other international standards, guaranteeing data accuracy and traceability.

Laser Particle Size Analyzer



Inductively Coupled Plasma Spectrometer (ICP-OES)

Atomic Absorption Spectrometer (AAS)

Report Appendix

Data Overview

Governance Performance

Board of Directors					
Metric	Unit	Board of Directors	Non-Independent Directors	Independent Directors	Female Director
Number of Persons	Persons	9	6	3	1
Percentage	%	100	66.67	33.33	11.11
Supervisory Committee					
Metric	Unit	Supervisory Committee	Staff Representative Supervisors	Female Supervisors	
Number of Persons	Persons	3	1	2	
Percentage	%	100	33.33	66.67	
Meetings and Resolutions					
Metric	Unit	General Meeting of Shareholders	Board of Directors	Supervisory Committe	
Meetings Held	Times	2	7	5	
Resolutions Approved	Items	17	44	19	
Attendance Rate	%	/	100	100	
Business Ethics					
Metric	Directors, Supervisors, and Senior Executives Training Coverage Rate	Major Suppliers/ Contractors Training Coverage Rate	Number of Complaints/Reports		
Unit	%	%	Items		
Quantity	100	100	4		

Economic Performance

Indicator	Unit	Quantity
Economic Indicators		
Operating income	Billion CNY	53.64
Total profit	Billion CNY	9.60
Net profit attributable to equity shareholders of the parent company	Billion CNY	7.57
Basic EPS	CNY/share	1.0498
Total assets	Billion CNY	171.93
Weighted average ROE	%	6.25
Total R&D investment	10 thousand CNY	11,335.15
Major Product Output		
Lithium Salts	Tons	43,732.32
Cesium & Rubidium Fine Chemicals	Tons	960.44
Cesium Formate	bbl	0.00
Major Resource Reserves		
Lithium ore equivalent to tons of lithium carbonate	10 thousand tons	305.89
Cs_2O metal resources	10 thousand tons	5.56
Ta_2O_5 metal	Tons	2,145.60
Copper metal content	10 thousand tons	98.28

Data Overview

Environmental Data

Indicator	Unit	Quantity
Environmental Inputs		
Total environmental protection investment	10 thousand CNY	9,996.18
Water Resources		
Fresh water	Tons	7,376,158.68
Water intake per 10k CNY revenue	Tons	13.75
Water intake per ton LCE	Tons	17.77
Recycled water	Tons	41,103,979.39
Water resource recycling rate	%	84.79
Wastewater Discharge		
Industrial wastewater discharge	Tons	6,830,237.75
Domestic wastewater discharge	Tons	198,457.38
Total wastewater discharge	Tons	7,028,695.13
Wastewater Pollutant Emissions		
Suspended solids	Tons	38.17
Chemical oxygen demand (COD)	Tons	12.47
Ammonia nitrogen	Tons	0.29
Exceedance emission points	Units	0
Waste Gas Pollutant Emissions		
Nitrogen oxides (NOx)	Tons	45.57
Sulfur dioxide (SO_2)	Tons	5.35
Particulate matter (PM)	Tons	50.74
Exceedance emission points	Units	0
Solid Waste		
General solid waste generation	Tons	4,746,349.33
Hazardous solid waste generation	Tons	28,786.75
Compliance disposal/utilization rate	%	100
Tailings and Waste Rock		
Tailings production	Tons	1,900,092.30
Tailings compliance disposal/utilization rate	%	100
Waste rock production	Tons	16,550,210.06
Waste rock compliance disposal/utilization rate	%	100

Energy and Carbon Data

Indicator	Unit	Quantity
Energy Consumption		
Total comprehensive energy consumption	Tons of standard coal equivalent	143,235.56
Total electricity consumption, including:	kWh	449,077,586.19
- Grid electricity	kWh	408,580,896.19
- Photovoltaic electricity	kWh	17,784,690.00
- Hydropower	kWh	22,712,000.00
Natural gas	Cubic meters	43,351,967.02
Diesel	Tons	16,412.00
Gasoline	Tons	10.32
Propane	Tons	1,477.02
Anthracite	Tons	2,559.67
Other petroleum products	Tons	5,567.91
Energy consumption intensity per 10k CNY revenue	Tons of standard coal equivalent	0.27
Energy consumption intensity per ton LCE	Tons of standard coal equivalent	1.63
Greenhouse Gas Emissions		
Total greenhouse gas emissions, including:	Tons of CO_2 equivalent	491,005.81
- Scope 1 emissions (direct)	Tons of CO_2 equivalent	194,455.04
- Scope 2 emissions (indirect)	Tons of CO_2 equivalent	296,550.77
Greenhouse gas emission intensity per 10k CNY revenue	Tons of CO_2 equivalent	0.92
Greenhouse gas emission intensity per ton LCE	Tons of CO_2 equivalent	4.76

Social Performance

Indicator	Unit	Quantity
Employment		
Total employees, including:	Persons	3,195
-Male employees	Persons	1,939
-Female employees	Persons	1,256
-Chinese nationals	Persons	1,138
-Foreign nationals	Persons	2,057
-Under 30 (inclusive) years old	Persons	775
-31–40 years old	Persons	1,198
-41–50 years old	Persons	830
-Over 50 years old	Persons	392
Training		
Total employee training hours	Hours	56,232.52
Average training hours per person	Hours	17.60
Occupational Health and Safety		
Total occupational health and safety training hours	Hours	47,925
Average occupational health and safety training hours per person	Hours	15.00
Recordable injury incidents	Incidents	13
Lost work hours due to injuries	Hours	1,329

Report Appendix

GRI Index

Statement of Use: This report in accordance with the GRI Standards for the period from January 1, 2024, to December 31, 2024.
GRI Standards Used: GRI 1: Base 2021

GRI Standards Used	Disclosure	Chapter Index
GRI 1: Base 2021		
GRI 2: General Disclosures 2021		
1. Organization and Reporting Practices		
2-1	Organizational Details	About the Report
2-2	Entities Included in the Sustainability Report	About Us; 2024 Annual Report
2-3	Reporting Period, Frequency, and Contact Information	About the Report
2-4	Restatements of Information	About the Report
2. Activities and Employees		
2-6	Activities, Value Chains, and Other Business Relationships	About Us
2-7	Employees	Employee Rights and Care
2-8	Employees Other Than Staff	Employee Rights and Care
3. Governance		
2-9	Governance Structure and Composition	Governance Practices
2-10	Nomination and Selection of Highest Governance Bodies	Governance Practices
2-11	Chairperson of the Highest Governance Body	Governance Practices
2-12	Oversight of Impact Management by the Highest Governance Body	Governance Practices
2-13	Delegation of Responsibility for Managing Impact	Governance Practices
2-14	Role of the Highest Governance Body in Sustainability Reporting	Sustainability Management
2-15	Conflicts of Interest	Business Ethics
2-16	Communication of Concerns	Sustainability Management
2-17	Common Knowledge of the Highest Governance Body	Sustainability Management
2-18	Performance Evaluation of the Highest Governance Body	Governance Practices
2-19	Remuneration Policy	Governance Practices
2-20	Procedures for Determining Remuneration	Employee Rights and Care
GRI 200: Economic Topics		
GRI 201: Economic Performance 2016		
201-1	Direct Economic Value Generated and Distributed	Key Performance; 2024 Annual Report
201-2	Financial Implications of Climate Change and Other Risks and Opportunities	Climate Management Framework
GRI 203: Indirect Economic Impacts 2016		
203-1	Infrastructure Investment and Supportive Services	Community Response
203-2	Significant Indirect Economic Impacts	Governance Strategy; 2024 Annual Report
GRI 204: Procurement Practices 2016		
204-1	Proportion of Procurement Expenditure with Local Suppliers	Responsible Supply Chain
GRI 205: Anti-Corruption 2016		
205-1	Operational Sites Assessed for Corruption Risks	Business Ethics
205-2	Communication and Training on Anti-Corruption Policies and Procedures	Business Ethics
205-3	Confirmed Corruption Incidents and Actions Taken	Business Ethics
GRI 300: Environmental Topics		
GRI 301: Materials 2016		
301-1	Weight or Volume of Materials Used	Product Responsibility
GRI 302: Energy 2016		
302-1	Energy Consumption within the Organization	Energy Management
302-3	Energy Intensity	Energy Management
GRI 303: Water and Wastewater 2018		
303-1	Interactions with Water as a Shared Resource	Water Resource Management
303-3	Water Withdrawal	Water Resource Management
GRI 304: Biodiversity 2016		
304-2	Significant Impacts of Activities, Products, and Services on Biodiversity	Biodiversity
GRI 305: Emissions 2016		
305-1	Direct (Scope 1) Greenhouse Gas Emissions	Greenhouse Gas Emissions
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403-6	Promotion of Worker Health	Occupational Health and Safety
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Reader Feedback

Dear Reader,

Thank you for reading the 2024 Environmental, Social, and Governance (ESG) Report of Sinomine Resources Group Co., Ltd. To further enhance our sustainability practices and improve the quality of our reporting, we kindly request your feedback.

We solemnly commit to strictly protecting the confidentiality of your personal information. Please submit your feedback through the following channels:

Name: _____

Email: _____

Which stakeholder group do you belong to?

☐ Employees ☐ Customers ☐ Government ☐ Public ☐ Suppliers ☐ Non-Profit Organizations ☐ Other _____

Your Feedback:

Overall evaluation of this report:

☐ Excellent ☐ Good ☐ Average ☐ Poor

Evaluation of Sinomine's environmental responsibilities disclosed in this report:

☐ Excellent ☐ Good ☐ Average ☐ Poor

Evaluation of Sinomine's social responsibilities disclosed in this report:

☐ Excellent ☐ Good ☐ Average ☐ Poor

Evaluation of Sinomine's governance responsibilities disclosed in this report:

☐ Excellent ☐ Good ☐ Average ☐ Poor

Did this report provide the information you wanted to know?

☐ Yes ☐ No

Is the content organization and layout of this report reader-friendly?

☐ Yes ☐ No

What additional information do you think is missing in this report?

_____

Suggestions for improving Sinomine's sustainability efforts?

_____

What other topics would you like to see covered in future ESG reports?