



2024

CGN Mining Company Limited

**Environmental, Social and
Governance Report**

Natural Energy

Powering Nature



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ABOUT THIS REPORT

This is the third consecutive independent Environmental, Social and Governance (ESG) Report published by CGN Mining Company Limited. Upholding the principles of objectivity, transparency, and comprehensiveness, it provides a detailed disclosure of CGN Mining Company Limited and its subsidiaries' philosophy, measures, and progress in ESG issues in the past year. Through this report, we aim to showcase our latest progress in sustainable development to all stakeholders.

References

For ease of presentation and reading, the "Report" and "ESG Report" refer to CGN Mining Company Limited 2024 Environmental, Social and Governance Report. In the Report, the "Company", "we/us", and "CGN Mining", refer to CGN Mining Company Limited; the "Group" refers to the Company and its subsidiaries; "CGNPC-URC" and "URC" refer to CGNPC Uranium Resources Co., Ltd., CGN Mining's parent company; "CGNPC" refers to China General Nuclear Power Group; "Invested Mines" refer to mining projects in which CGN Mining Company Limited holds an equity stake.

In addition, the Company has invested in two uranium mine enterprises in Kazakhstan, Semizbay-U Limited Liability Partnership (hereinafter referred to as "Semizbay-U") and Mining Company "ORTALYK" LLP (hereinafter referred to as "Ortalyk"), both in which the Company holds a 49% interest. "Kazatomprom" refers to the Joint Stock Company National Atomic Company, a partner in the Semizbay-U and Semizbay-U projects.

Reporting Period

This Report covers the ESG performance of the Group from January 1 to December 31, 2024 (the "reporting period"). To ensure continuity and completeness, some of the content relates back to prior years or contains forward-looking descriptions.

Scope of the Report

The scope of the Report covers CGN Mining's main operating locations, such as the Hong Kong office and the UK office, unless otherwise stated. Certain environmental and social information pertains to Semizbay-U and Ortalyk and their respective mining projects invested in by the Company.

Semizbay-U and Ortalyk are the Company's joint venture and associate, respectively, but are not subsidiaries of the Company, nor are their mines

under the Company's controlling operation, the Company assigns personnel to participate in their daily production and operations and appoints directors to participate in governance and management at the Board of Directors level. Given that Semizbay-U and Ortalyk have considerable influence on the Company's operations and ESG performance, they are included in the scope of this Report.

Preparation Basis

The Report is primarily guided by the following standards, frameworks, and principles:

- Appendix C1 *Corporate Governance Code* to the Listing Rules of the Hong Kong Stock Exchange (HKEX)
- Appendix C2 *Environmental, Social and Governance Reporting Guidelines* to the Listing Rules of the HKEX
- Recommendations of the Task Force on Climate-Related Financial Disclosures (TCFD)
- International Financial Reporting Standards (IFRS S1&S2) issued by the International Sustainability Standards Board (ISSB)
- United Nations Sustainable Development Goals (UN SDGs)
- *United Nations Convention Against Corruption*
- Organization for Economic Co-operation and Development (OECD) *Guidelines for Multinational Enterprises*

Data Source and Currency

Data in the Report is mainly derived from CGN Mining's internal statistical reports, documents, and communication files. Some financial information is derived from the Company's 2024 Annual Report. Currencies in the Report are denominated in Hong Kong dollars (HK\$), and some data is exchanged into RMB based on the average RMB/HKD exchange rate of 2024

Reporting Principles

This Report has been prepared in accordance with the principles of Materiality, Quantitative, Balance, and Consistency as set out in the HKEX's *Environmental, Social and Governance Reporting Guide*. The details are as follows:

Materiality: The Company identifies the material environmental and social issues through interviews with the management and questionnaire surveys targeted at internal and external stakeholders, as well as evaluating the impact of various ESG issues on the operations of the Company. For more information, please refer to the "Identification of Material Issues" section.

Quantitative: We periodically collect key quantitative indicators for ESG and summarize and disclose them in the Report. The calculation methodologies, reference standards, and parameters for ESG quantitative data are specified in the relevant sections of this Report.

Balance: The information in the Report is mainly derived from our internal statistical reports, documents, and communications for the year 2024. The Report aims to present an objective and comprehensive view of our ESG performance, ensuring balanced disclosure.

Consistency: This Report has been prepared in consistency with those of previous years to ensure comparability of disclosed data. Changes that may affect meaningful comparisons with previous reports have been noted in the corresponding place.

Release

This report is available in Traditional Chinese and English. Readers can access the electronic version of this report on the Company's official website: <http://www.cgnmc.com/>

■ MESSAGE FROM CHAIRMAN OF THE BOARD



The year 2024 marked an important step forward in our ESG journey. As the global energy system shifts rapidly and the low-carbon transition deepens, nuclear energy, a key clean energy source, is stepping into a new chapter—one full of potential. As an important subsidiary of CGNPC, we understand the weight of our responsibility, to provide sustainable and low-cost uranium resources that help develop the fuel nuclear power of CGNPC.

In 2024, despite navigating a complex and dynamic market environment and ever-evolving policy landscape, we made solid progress in developing our resources, optimizing how we manage capital, and delivering on our ESG goals. Each step brings us closer to becoming a world-class supplier of natural uranium on the global stage.

Currently, the growth of nuclear power shows no signs of slowing down. Clean energy demand is rising, and carbon reduction goals are pushing countries to rethink their energy mix. Moreover, third-generation nuclear power technology continues to improve, offering more reliable, safer operations. These shifts give nuclear energy a stronger role in the world's energy future. With that in mind, we are focusing on what we do best. We are committed to maximizing the potential of natural uranium resources development, staying closely aligned with rising global demand, and contributing to the nuclear industry while propelling our own sustainable development to new heights.

In 2024, we continued to strengthen our foothold in the natural uranium sector, facing risks and uncertainties head-on. By fine-tuning our operations and improving internal management, we managed to ease the pressure brought on by rising mining costs and changes in Kazakhstan's investment tax policies. Our ongoing projects remained stable, and new ones moved ahead steadily, laying a solid foundation for long-term business growth. In terms of mining operations, the mines maintained lean operations throughout the year, achieving attributable production of approximately 1,324 tonnes of uranium and self-produced sales of about 1,294 tonnes of uranium. This year, our investment income totaled 1.016 billion HKD, reflecting a year-on-year increase of 71%.

As the publicly listed natural uranium company supported by CGNPC, we know that sustainable development is more than just a strategy, it is part of our responsibility to society. In 2024, we took further steps to embed ESG values into our business. From pushing forward with green mining practices to improving safety systems and taking part in social initiatives, we worked to bring real value to the communities around us, achieving a balance between social and economic benefits. We have also been refining how we govern. By strengthening our corporate structure, enhancing transparency, and ensuring compliance, we maintained steady development within an efficient and regulatory-compliant framework. In 2024, Our efforts were recognized once again with the "Golden Bull Award for Hong Kong Stocks", a proud moment that reflects our transparency in governance and resilience in the financial markets.

Looking ahead to 2025, we will continue to push forward natural uranium development and deepen our commitment to green mining. Our focus will be on a dual-growth strategy, balancing resource development with smart capital investment. At the same time, we will continue expanding our global footprint through overseas uranium projects and strategic partnerships. We will continue to strengthen lean management. By refining internal operations and streamlining our supply chain, we aim to boost performance and maintain a strong financial footing in an increasingly competitive market. In terms of ESG, we will keep reinforcing our commitment to sustainable growth, promoting environmental protection, upholding social responsibility, and strengthening corporate governance. Our goal is to play a meaningful role in the global shift to cleaner energy and contribute to broader social progress.

Chairman of the Board
Wang Xianfeng



■ MESSAGE FROM CHAIRWOMAN OF ESG COMMITTEE



In today's fast-changing global economy, climate change and social responsibility have become key ways to measure a company's long-term competitiveness and social value. We remain committed to embedding ESG principles into our corporate strategy. We lead with responsible governance, pursue environmentally conscious growth, ensure workplace safety, care for our employees, and drive sustainable innovation across everything we do.

Reflecting on 2024, even in the face of growing complexity and uncertainty, we made solid progress in our ESG work. Through clear strategy and consistent action, we kept moving forward in building a more sustainable future.

Governance for stability and long-term growth. We believe good governance is the backbone of any lasting business. We hold ourselves to high standards of integrity, transparency, professionalism, and compliance. Our governance structure, anchored by an effective Board and clear lines of accountability, continues to evolve as we grow. We have made ESG governance a top priority, with four focus areas guiding our efforts—emissions management, health and safety, business integrity, and social responsibility—to steer our sustainable development. Through structured, multi-channel communication, we engage with stakeholders and listen to what matters most to them. Additionally, we have built a comprehensive risk management system, enforce a zero-tolerance policy on corruption, conduct regular compliance and anti-corruption training, and foster ethical awareness at all levels to uphold high standards of transparency, accountability, and governance.

Green development for long-term sustainability. As a mining company, we see environmental protection not just as a duty, but as a core part of who we are. We focus on green mining practices to reduce the environmental impact of our work—cutting down on wastewater, emissions, and solid waste. At the same time, we invest in land restoration, reclaiming mine sites and restoring natural habitats to promote the sustainable use of mining land. In line with the country's low-carbon goals. We have adopted extensive energy-saving and emission-reduction measures, significantly lowering our carbon footprint. By embedding "green development" into every aspect of our operations, we aim to leverage innovation to drive industrial transformation and foster long-term sustainable growth.

Safety as the foundation for sustainable growth. We see workplace safety as the bedrock of long-term success. In 2024, we continued to put "safety first," making sure every part of our operations, from mining and production to transport and equipment, met national safety standards and followed strict internal protocols. We employ the PDCA (Plan-Do-Check-Act) cycle to regularly review and update our safety systems. This included routine inspections, risk assessments, and early action to mitigate potential risks. We also worked on building a stronger safety culture. Through regular training and emergency drills, we enhance employees' awareness and response capabilities. We introduced more automation and real-time monitoring tools to strengthen safety oversight, making our systems more efficient, transparent, and responsive.

People-centered approach for advancing together. Our employees are our greatest strength, the people behind everything we have achieved and the ones who will shape our future. We are committed to supporting their well-being and career growth, creating an environment where both individuals and the Company can thrive together. We continue to improve our benefits and development programs, offering a range of training opportunities to help employees grow their skills and move toward their goals. We also prioritize mental health and workplace wellness, including providing health checkups and maternity support for female employees, ensuring everyone feels valued and cared for. We organize regular team-building events and celebrations, bringing people together beyond their day-to-day roles. We also ensure open communication through channels such as the "General Manager Mailbox", employee representative meetings, and satisfaction surveys, fostering a collaborative and inclusive workplace culture.

Social responsibility for shared future. As a corporate citizen, we are committed not only to our own sustainable development but also to giving back to society through volunteer activities, educational support, and charitable donations. Over the past year, we have supported underserved communities, contributed to local development, and actively participated in rural revitalization in line with national policy goals. Working closely with our partners, we adhere to the idea of "openness, transparency, health, and order". We require our suppliers to uphold high standards in quality, environmental protection, safety, and ethics. By staying true to these values, we aim to create a positive impact that reaches beyond our business, building a future where the Company and society grow stronger, together.

Relentlessly striving for progress and excellence. Looking ahead, we will remain committed to green and safe development, deepening uranium resource exploration and development while actively expanding our role in international trade to boost our presence and influence in the global market. Guided by the national "Dual Carbon" strategy, we will continue advancing low-carbon, sustainable practices across our operations. At the same time, we will focus on innovation—finding new ways to create lasting value for our shareholders, our people, society, and the planet. With our sights set on becoming one of the most trusted and sustainable companies in the mining industry, we will keep working hand in hand with our stakeholders to shape a greener, more sustainable world.

Chief Financial Officer, Executive Director, and
Chairwoman of the ESG Committee

Xu Junmei

■ STATEMENT OF THE BOARD OF DIRECTORS

On behalf of the Board of Directors of CGN Mining, we affirm our continued commitment to strengthening ESG management. Over the past year, we have taken deliberate steps to strengthen our ESG strategy, fully aligning with the *Environmental, Social, and Governance Reporting Guidelines* of the HKEX. Sustainability is no longer just a goal, it is a guiding principle embedded in how we operate and grow. As the Company's highest decision-making body, we fully recognize the importance of sustainable development to CGN Mining's long-term success and have embedded it as one of our core corporate strategies.

As the highest decision-making body for ESG governance, we have established a four-tier ESG governance structure. This includes the Board of Directors, the ESG Committee (at the Board level), the ESG Management Committee (which leads execution at the executive level), and the ESG Working Group. Together, this structure helps bridge strategy and action, embedding ESG principles throughout our operations.

As a multinational enterprise, we place compliance at the heart of everything we do. Across all regions where we operate, we strictly follow local laws and regulations and uphold the highest standards of integrity and business ethics. We remain committed to transparency and standardized practices. By continuously strengthening our monitoring systems and risk management efforts, we aim to prevent compliance issues, address corruption risks, and ensure that our global operations remain fully legal and ethical.

We recognize the unique responsibility that comes with operating in the uranium mining and trading industry. The environmental and social impacts of our work are significant, and we take that seriously. To reduce potential risks, we have continued to improve our business processes and strengthened oversight of our investee companies Semizbay-U and Ortalyk, in areas such as environmental pollution control, occupational health, and safety management during uranium mining operations. By setting up regional offices and adopting localized management approaches, we are better equipped to respond to site-specific issues and monitor operations more closely, helping to reduce any negative impact. On a global level, we uphold our international responsibilities by complying with key global agreements and standards, including the *Statute of the International Atomic Energy Agency* (IAEA), the *Nuclear Non-Proliferation Treaty* (NPT), and the *Universal Declaration of Human Rights* (UDHR). As a global enterprise, we remain committed to responsible business practices, regularly assessing the global impact of our operations and contributing to the shared progress of society, the economy, and the environment through sustainable development.

During the 2024 reporting period, we further refined the priority assessment of ESG related issues. We drew on industry trends, the nature of our business, and what matters most to our stakeholders. By engaging stakeholders directly and conducting benchmarking and comparative analysis, we identified the ESG risks most relevant to our operations. We tracked our progress against existing targets and adjusted our management practices based on the feedback we received.

This report discloses in detail CGN Mining's ESG progress in 2024. It has been carefully reviewed and approved by the Board of Directors. We confirm that the information presented is truthful, accurate, and complete, with no false records, misleading statements, or material omissions.

We will remain firmly committed to our role as a responsible global enterprise. We will continue to promote sustainable development, balancing economic performance with social responsibility and environmental stewardship, working together toward a more sustainable future for all!

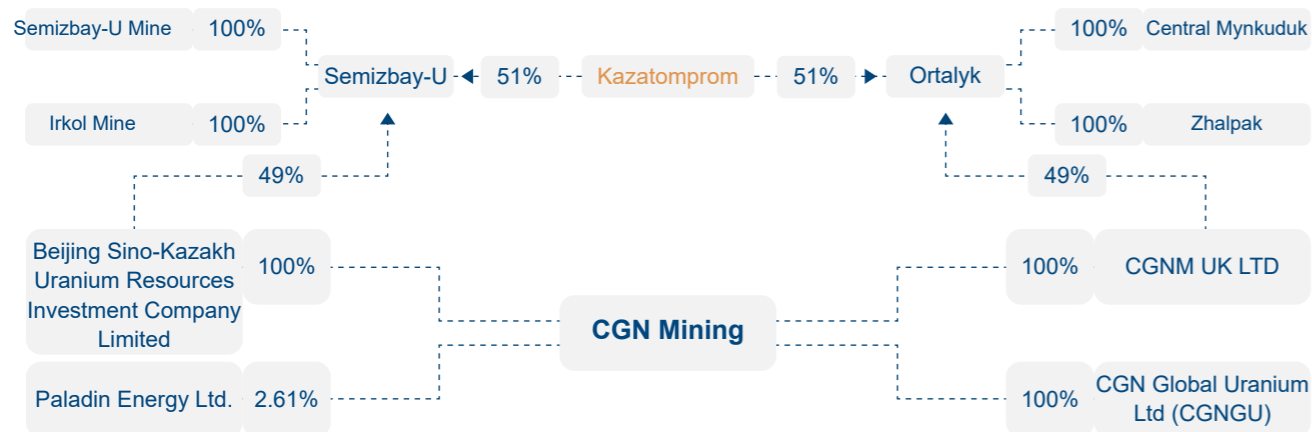


Company Profile

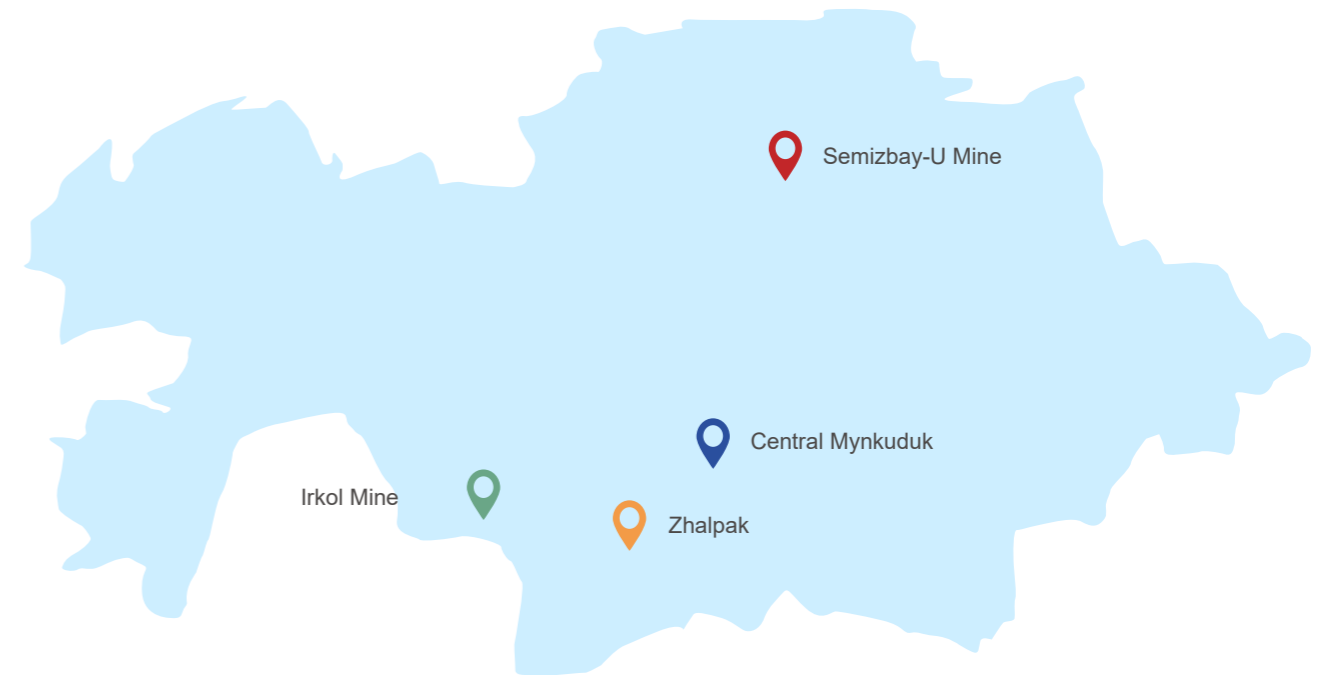
CGN Mining is one of the listed subsidiaries of CGNPC and also CGNPC's only platform for overseas investment and financing in uranium resource development. CGN Mining is the only natural uranium producer listed on the Main Board of Hong Kong (stock code: 01164.HK), mainly engaged in the development and trade of natural uranium resources used by nuclear energy enterprises

Currently, CGN Mining holds a 49% interest in each of Semizbay-U and Ortalyk, along with exclusive distribution rights for their products. In terms of international trade, the Company's subsidiary, CGN Global Uranium Ltd (CGNGU) serves as the Company's international uranium trading platform, participating in the global uranium market through a contract model that secures both ends of the supply chain.

CGN Mining is poised to seize opportunities from the resurgence of the global nuclear power sector and the increasing demand for natural uranium by acquiring uranium resource projects with strong cost competitiveness. The Company is committed to providing nuclear power plants with safe, reliable, and cost-effective nuclear fuel products and services, and strives to become a world-class supplier of natural uranium.

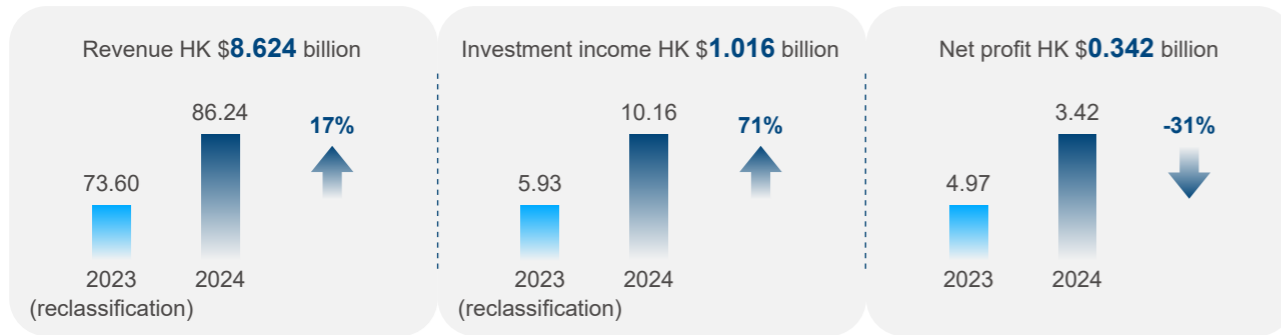


CGN Mining's Shareholding Structure

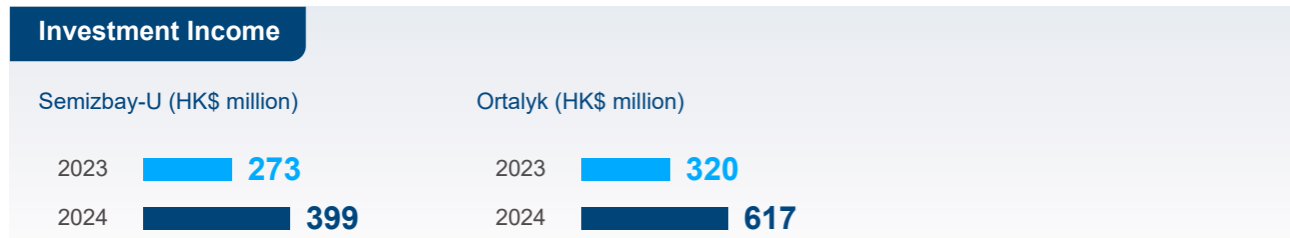


Kazakhstan Uranium Attributable Resources/Reserves, Attributable Output/Production

* Phase I Full Production Capacity



Key Financial Indicators



Business Performance

CORPORATE BRAND CULTURE

CGN Mining has developed a strong corporate brand culture through years of operational experience. Guided by our slogan, "Illuminating the World with 'Uranium'," we have built our identity on a set of core values: "undertaking responsibility, being rigorous and pragmatic, pursuing innovation, being customer-oriented, and creating value." Across all operations, we emphasize clear behavioral standards for employees, following the principles of "Safety first, quality foremost and excellence" while maintaining the working principle of "being strict, prudent, careful, and pragmatic". This shared cultural understanding unites the Company and its employees, supporting both long-term development and sustainable growth. At CGN Mining, we believe that every contribution to the uranium industry represents a step toward a brighter, more sustainable future. Let us work hand in hand to create a greener, more sustainable world.

PERFORMANCE AND RECOGNITIONS

Recognitions and Awards



Golden Bull Award for Hong Kong Stocks
2023 of China Securities Journal



JUDONGMI Top 10 CFO



JUDONGMI Top 100 Board Secretary

Top 50 Southbound Stock Connect Companies by Finet Group

Top 10 Total Return Award by Finet Group

Top 10 Revenue Growth Award by Finet Group

ESG Performance

Semizbay-U & Ortalyk uranium prod **2,703** tU

Breakdown of natural uranium production

Electricity generated 107.8 billion kWh	Equivalent to dust emission reduction 42,500 tonnes	Equivalent to CO ₂ emission reduction 73.74 million tonnes
Equivalent to NO _x emission reduction 167,000 tonnes		Equivalent to artificial afforestation 199,300 hectares

Work-related deaths 0 person	Corruption litigation 0 case	Percentage of non-executive directors 75%	Percentage of female directors 25%
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ESG Rating

BB	A-	BB	72.44 (AA)
MSCI ESG Rating	SynTao Green Finance	MioTech	Quantdata

01

Responsible Governance for Sustainable Growth

CGN Mining upholds the principles of "honesty, transparency, professionalism, and compliance", viewing responsible governance as the foundation of sustainable corporate growth. By continuously improving our corporate governance framework, strengthening risk management, and implementing robust anti-corruption practices, we aim to enhance operational transparency, support long-term value creation, and promote shared progress with our stakeholders.



Strengthening Corporate Governance

CGN Mining continues to refine its corporate governance system to ensure effective and efficient management. The Board of Directors and senior management actively carry out their duties, maintaining full compliance with relevant laws, regulations, and listing requirements, thereby safeguarding shareholder rights and interests.



Governance Structure

The Company strictly abides by the Listing Rules of the HKEX and pertinent laws and regulations of the Cayman Islands. With a strong commitment to safeguarding shareholder interests and delivering long-term returns, the Company continually optimizes its governance structure and regularly reviews the effectiveness of its internal control systems to support high-quality, sustainable growth. Internally, the Company has established governance policies and management guidelines, including the *Articles of Association*, the *Management Measures for the Board of Directors' Delegation of Authority*, and the *Rules of Procedure of the Board of Directors*, which clearly delineate the Company's management structure and clarify the division of responsibilities.

As the Company's key decision-making body, the Board of Directors oversees business operations, strategic planning, and corporate governance. Its responsibilities include formulating and assessing governance policies and procedures, supervising the training and development of directors and senior management, ensuring compliance with legal, regulatory, and ethical standards, reviewing reports submitted by Board committees, and overseeing the Company's internal control and risk management systems. The Board also provides strategic direction on ESG matters and is responsible for setting and monitoring related policies. To support its functions, the Board has established four specialized committees: the Audit Committee, the Nomination Committee, the Remuneration Committee, and the ESG Committee. Each committee operates independently within its scope of responsibility, assisting the Board in fulfilling its governance and supervisory duties. For further details, including the terms of reference for each committee, please visit the "Corporate Constitution and Policies" section on our website at <http://www.cgnmc.com/>.

Independence and Diversity

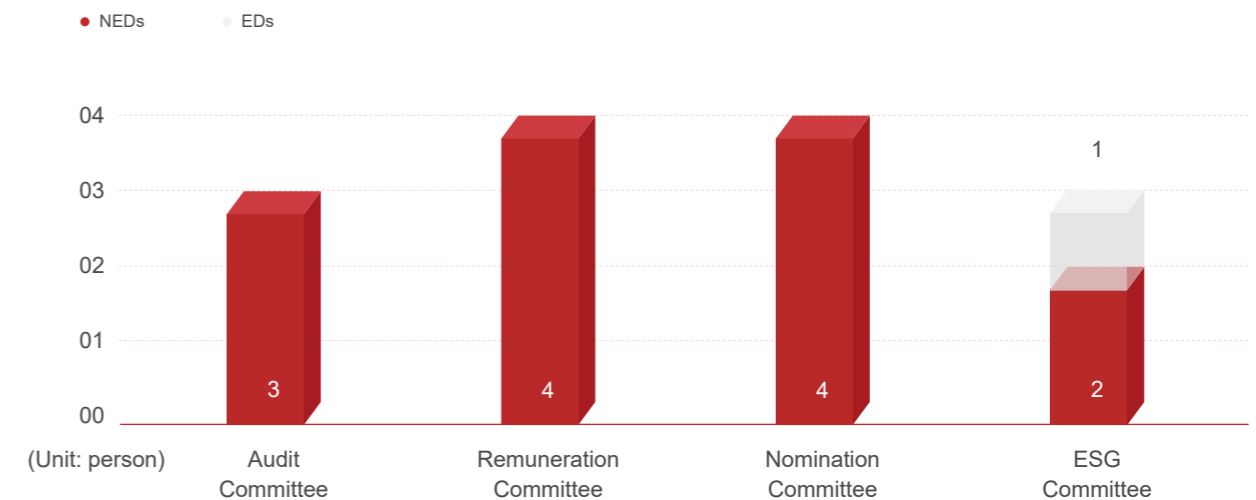
The Board of the Company comprises eight Directors, including two Executive Directors (EDs), three Non-Executive Directors (NEDs), and three Independent Non-Executive Directors (INEDs). In forming the Board, the Company carefully considers its business nature and operational priorities, aiming to build a team with a broad and balanced range of perspectives. This includes diversity in professional expertise, industry background, career experience, gender, and age. The goal is to ensure the Board has well-rounded knowledge and complementary capabilities to support effective governance and strategic oversight. The members of the Board during the reporting period are as follows:

Type of Director	Name of Director	Audit Committee	Remuneration Committee	Nomination Committee	ESG Committee	Professional Background
EDs	Qiu Bin					Nuclear industry
	Xu Junmei				C	Finance
NEDs	Wang Xianfeng			C		Nuclear industry
	Sun Xu	M			M	Nuclear industry
	Liu Guanhua		M			New energy investment and financing
INEDs	Gao Peiji		M	M	M	Financial business, ESG
	Zhang Yuntao	C	M	M		Law
	Dai Qijia	M	C	M		Accounting, investment and financing

Members of the Board of Directors of CGN Mining

Note: C—Chairperson; M—Member

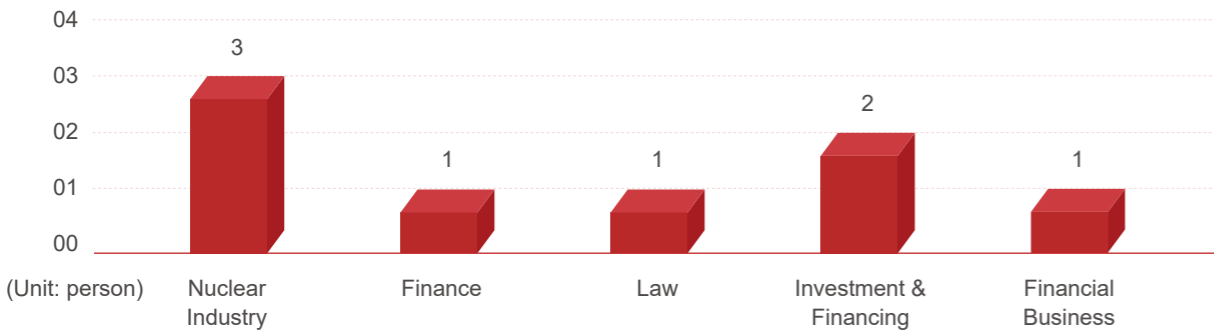
In terms of independence, six of the eight members of the Board are Non-Executive Directors (NEDs), representing 75% of the Board. Among them, three serve as Independent Non-Executive Directors (INEDs), accounting for 37.5%. The INEDs actively contribute to the Audit Committee, Remuneration Committee, Nomination Committee, and ESG Committee, serving as chairs or members. They provide objective and independent perspectives that support sound decision-making and contribute to the Company's long-term development and sustainability. To uphold fairness and ensure proper governance, the Company requires that in matters involving potential conflicts of interest, the views of Non-Executive Directors take precedence in the decision-making process. Furthermore, a structured framework is in place to evaluate and manage Board independence. This includes an annual independence assessment and confirmation process for all Independent Directors.



Composition of the CGN Mining Committees

The members of the Board of Directors bring a diverse range of industry backgrounds and professional expertise, reflecting the Company's emphasis on skill-based and balanced governance. The Board's collective experience spans core areas of CGN Mining's operations, including the nuclear industry, finance, accounting, investment and financing, and legal affairs. Among them, Mr. Wang Xianfeng, Mr. Sun Xu, and Mr. Qiu Bin possess deep expertise and extensive industry experience in the nuclear sector. Mr. Sun Xu, Member of the Audit Committee, also serves as a Director of CGNPC Uranium Resources Co., Ltd. and CGN Energy International Holdings Co., Ltd., and has previously held senior roles across various enterprises involved in nuclear power, nuclear fuel, and renewable energy.

Ms. Xu Junmei contribute strong financial expertise, while Mr. Liu Guanhua brings extensive experience in new energy investment and financing. Mr. Zhang Yuntao has extensive experience in accounting and investment financing. Mr. Gao Peiji is a seasoned legal professional with substantial experience in the legal field. Ms. Dai Qijia, the newly appointed Director, has extensive experience in capital market research, financial business, and ESG ratings. Additionally, Mr. Wang Xianfeng, Mr. Gao Peiji and other board members have played active roles in overseeing the Company's enterprise risk management functions, contributing valuable insights in risk control and mitigation. This breadth of professional backgrounds enables the Board to offer broad, informed perspectives and strategic guidance across key areas, including corporate planning, business growth, risk oversight, and cost optimization.

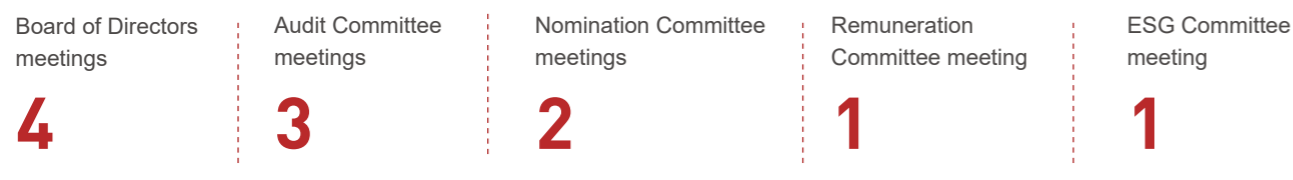


Professional Background of CGN Mining's Directors

Efficiency of the Board of Directors

In accordance with the listing rules, the *Articles of Association*, and other relevant regulations, CGN Mining holds regular governance meetings, including quarterly regular Board Meetings, annual general meetings of shareholders, and committee meetings. In 2024, the Company convened four Board of Directors meetings, three Audit Committee meetings, two Nomination Committee meetings, one Remuneration Committee meeting, and one ESG Committee meeting. Key matters reviewed and approved during these meetings included the 2023 annual results and report, audit-related management issues for 2024, internal control updates, director retirement and re-election, proposals regarding director remuneration, and the 2023 ESG report.

In 2024, the Company convened



Guarding Shareholders' Rights and Interests

CGN Mining is committed to respecting and protecting the lawful rights and interests of all shareholders. On June 20, 2024, the Company convened its Annual General Meeting (AGM), during which seven ordinary resolutions were approved, covering items such as the consolidated financial statements, director remuneration, and the election of directors. In accordance with best governance practices, the *Notice of the AGM* and the *Circular of the AMG* were publicly disclosed on the Company's official website and sent via email to all shareholders on April 25, 2024. The *Articles of Association* explicitly outlined shareholders' rights, including the right to vote, access information, nominate candidates for directorship, and call for an Extraordinary General Meeting (EGM).

As specified in the Company's Articles of Association, at least one-third of the Directors must retire by rotation at each AGM, and every Director must retire at least once every three years. Retiring Directors are eligible for re-election at the AGM through shareholder voting. Shareholders may also nominate director candidates, whose names will be included on the election ballot. In July 2024, Mr. An Junjing resigned from his roles as Executive Director, Chairman of the Board, Chairperson of the Nomination Committee, and Chief Executive Officer due to work relocation. Mr. Wang Xianfeng is presently the Executive Director, Chairman of the Board and Chairperson of the Nominating Committee, with Mr. Qiu Bin acting as Chief Executive Officer, thereby effectuating the segregation of responsibilities between the Board Chair and CEO.

To regulate connected transactions, the Company strictly complies with listing rules governing related-party transactions and has established and implemented the *Connected Transactions Management Procedures* to safeguard the interests of the Company and all shareholders.

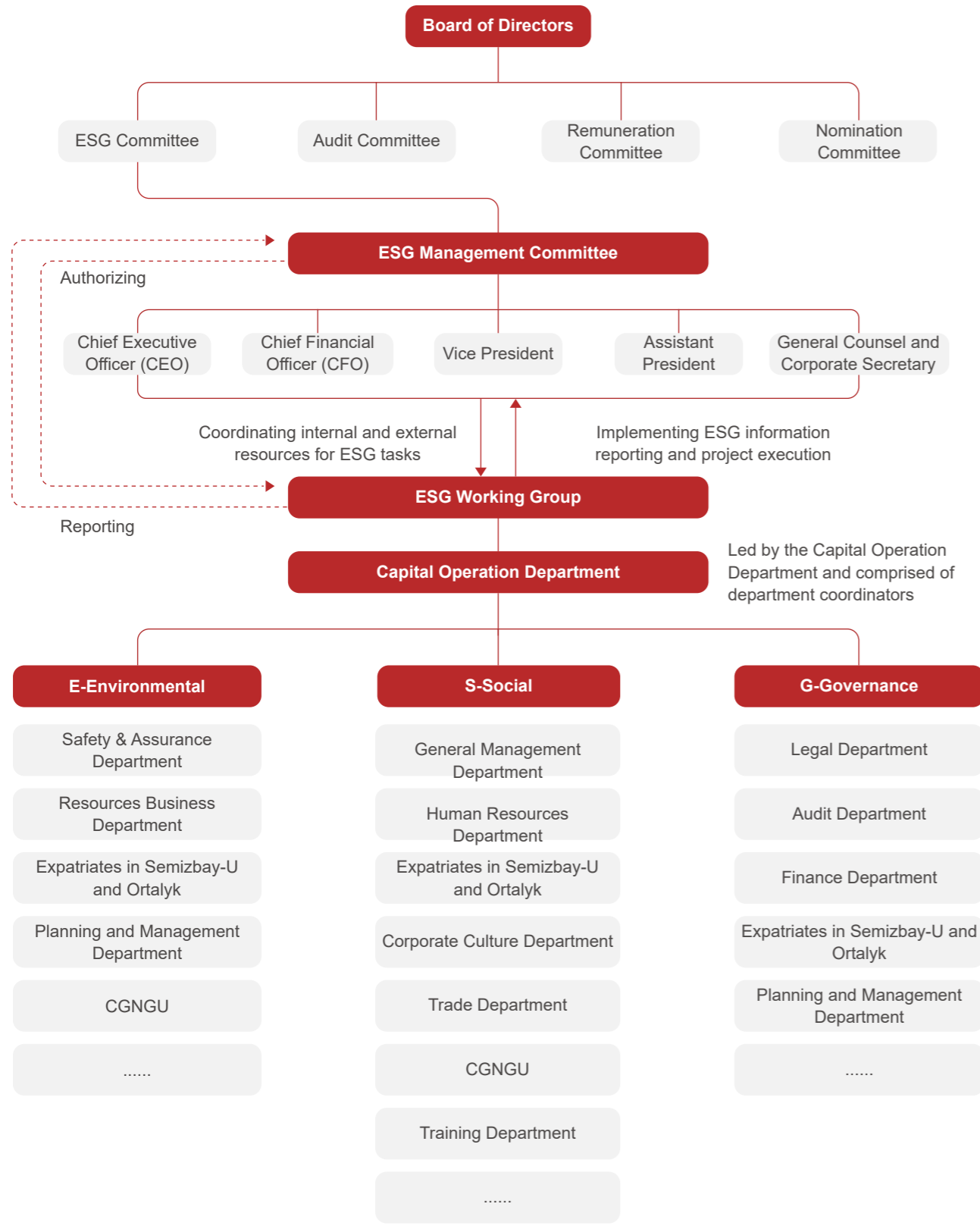
Practicing ESG Governance

CGN Mining places a strong emphasis on environmental protection and sustainable development, integrating ESG principles into its corporate strategy and daily operations. The Company has established a dedicated ESG management system, defined clear ESG objectives, enhanced stakeholder engagement, and conducted regular materiality assessments to continuously strengthen its ESG governance practices.

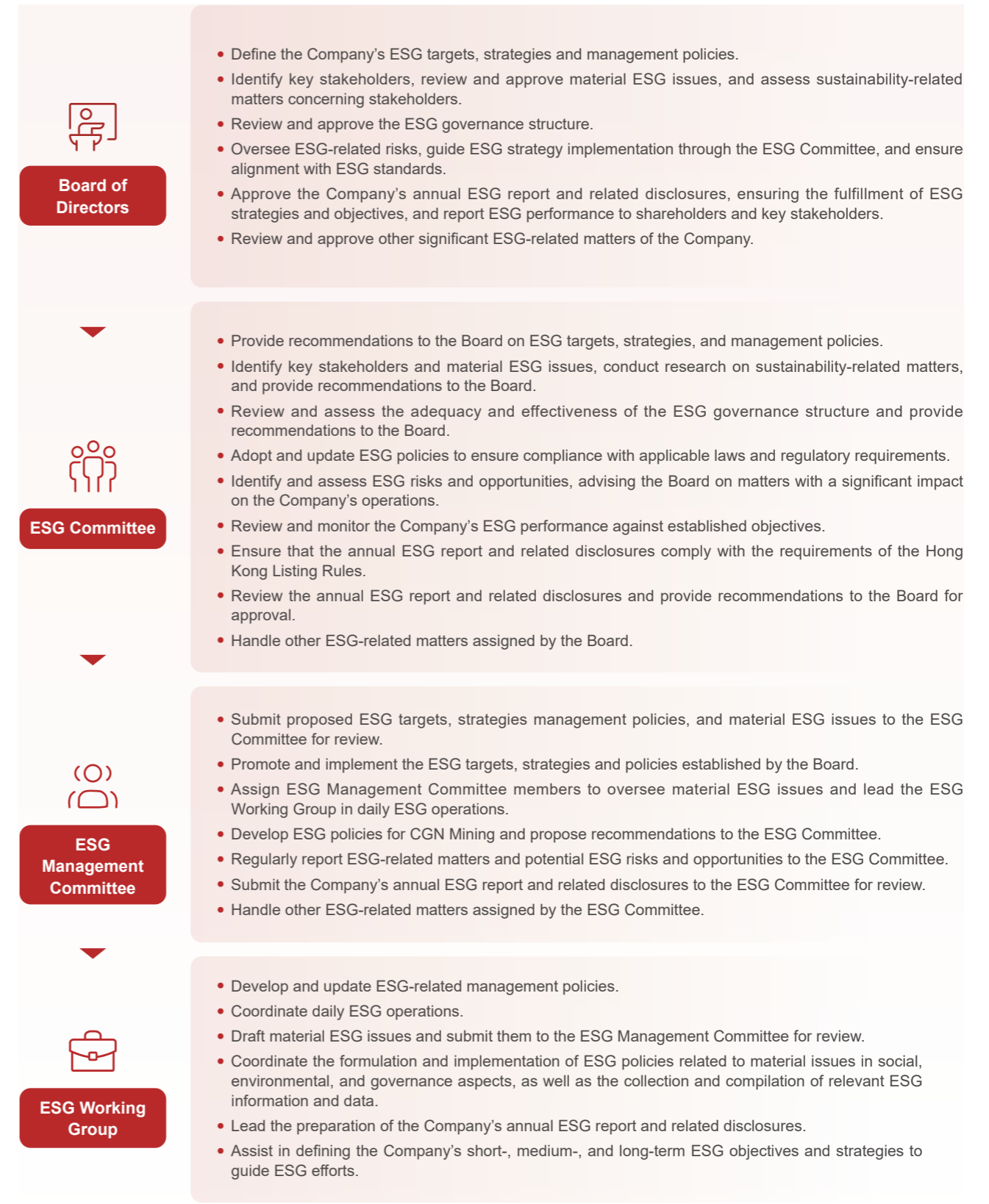
ESG Governance Structure

To support its long-term sustainability goals, CGN Mining has adopted a comprehensive ESG governance framework. This structure is designed to enhance ESG oversight and risk management, clarify departmental responsibilities, and promote effective implementation across the organization. The Company has formally issued the *Environmental, Social, and Governance Management Regulations* to guide the governance process. This framework establishes a top-down, well-defined ESG governance structure composed of four levels: the Board of Directors, the ESG Committee, the ESG Management Committee, and the ESG Working Group. The Board of Directors serves as the highest decision-making body for ESG affairs and assumes ultimate responsibility for ESG governance. Under the Board, the ESG Committee oversees ESG-related matters at the management level. The ESG Committee is chaired by Executive Director Xu Junmei, with Non-Executive Director Sun Xu and Independent Non-Executive Director Gao Peiji serving as committee members. The ESG Management Committee functions as a specialized executive-level committee, comprising department heads from the ESG Working Group. The ESG Working Group, led by the Capital Operation Department, is responsible for coordinating ESG initiatives across all departments and affiliated mining operations. Internally, it ensures the implementation of ESG-related tasks, collects ESG data and materials from the Company and its Invested Mines, and externally, it engages with the market and investors. The Working Group reports through a structured, tiered reporting system, with final approval and publication of the annual ESG report resting with the Board of Directors. In 2024, the Company issued the *ESG Management System*, formalizing the management and reporting of ESG practices.





ESG Governance Structure of CGN Mining



Responsibilities of Each Level in the ESG Governance Structure

ESG Management Objectives

To provide clear direction for its sustainability efforts, CGN Mining has established ESG management objectives aligned with its business characteristics and strategic priorities, strengthening the implementation of sustainable development concepts. In 2024, the Company further advanced its ESG strategy by finalizing and approving its ESG strategic objectives and action plans for 2025. This marks a key step in enhancing the Company's ESG governance framework and management capabilities.



Emissions Management Objective

Ensure strict control of emissions across all operational activities by fully complying with applicable environmental laws and standards. Prevent abnormal environmental incidents and continuously reduce the environmental impact of emissions to support green and sustainable development.



Health and Safety Objective

Create and maintain a safe and healthy working environment by implementing comprehensive health and safety protocols, enhancing employee training and awareness, and minimizing workplace risks to protect the well-being of all personnel.



Integrity Management Objective

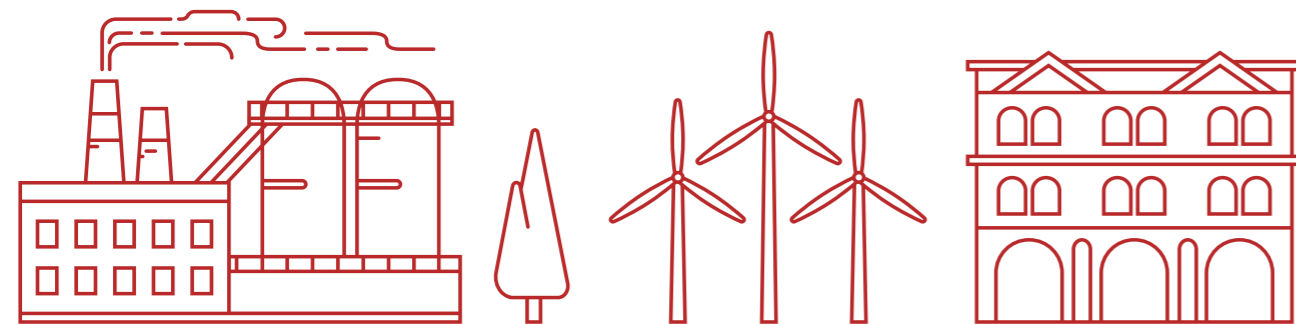
Prevent misconduct such as false reporting, concealment, fraud, and non-compliance across all business functions. Ensure all operations remain truthful, compliant, and secure, while safeguarding stakeholder interests and upholding the Company's reputation for integrity.



Social Responsibility Objective

Actively fulfill corporate social responsibilities by preventing and mitigating incidents with potential negative social impact. Strengthen community trust, enhance corporate credibility, and contribute meaningfully to sustainable social development.

ESG Management Objectives



Communication with Stakeholders

CGN Mining places high importance on stakeholder engagement and is committed to principles of integrity, fairness, and transparency. The Company has established a regular and multi-channel communication mechanism to actively engage stakeholders and foster long-term, trust-based partnerships. Stakeholder feedback is a critical input in shaping the Company's ESG strategy and identifying material ESG issues. By incorporating stakeholder concerns into our decision-making processes, we aim to achieve mutual growth and shared value. The communication channels are as follows:

Stakeholder	Communication Channels		
Governments and regulators	ESG reports Supervision and inspection	Official websites Regular audits	Research meetings
Shareholders and investors	Company websites ESG reports	Results briefings General meetings	Annual reports
Customers	Hotline/Emails	Customer satisfaction surveys	Customer research
Employees	Regular meetings Training on career development	Training on occupational health and safety Job performance assessments	
Communities	ESG reports Cooperation in environmental protection	Waste management	Enhancing energy efficiency Community exchanges
Industry peers	Contract performance	Public procurement	Cooperation and exchange

Communication with Stakeholders

Identifying Material Issues

ESG Issues of High Significance

- Pollution prevention and control
- Business ethics and anti-corruption
- Product quality
- Corporate governance and operational compliance

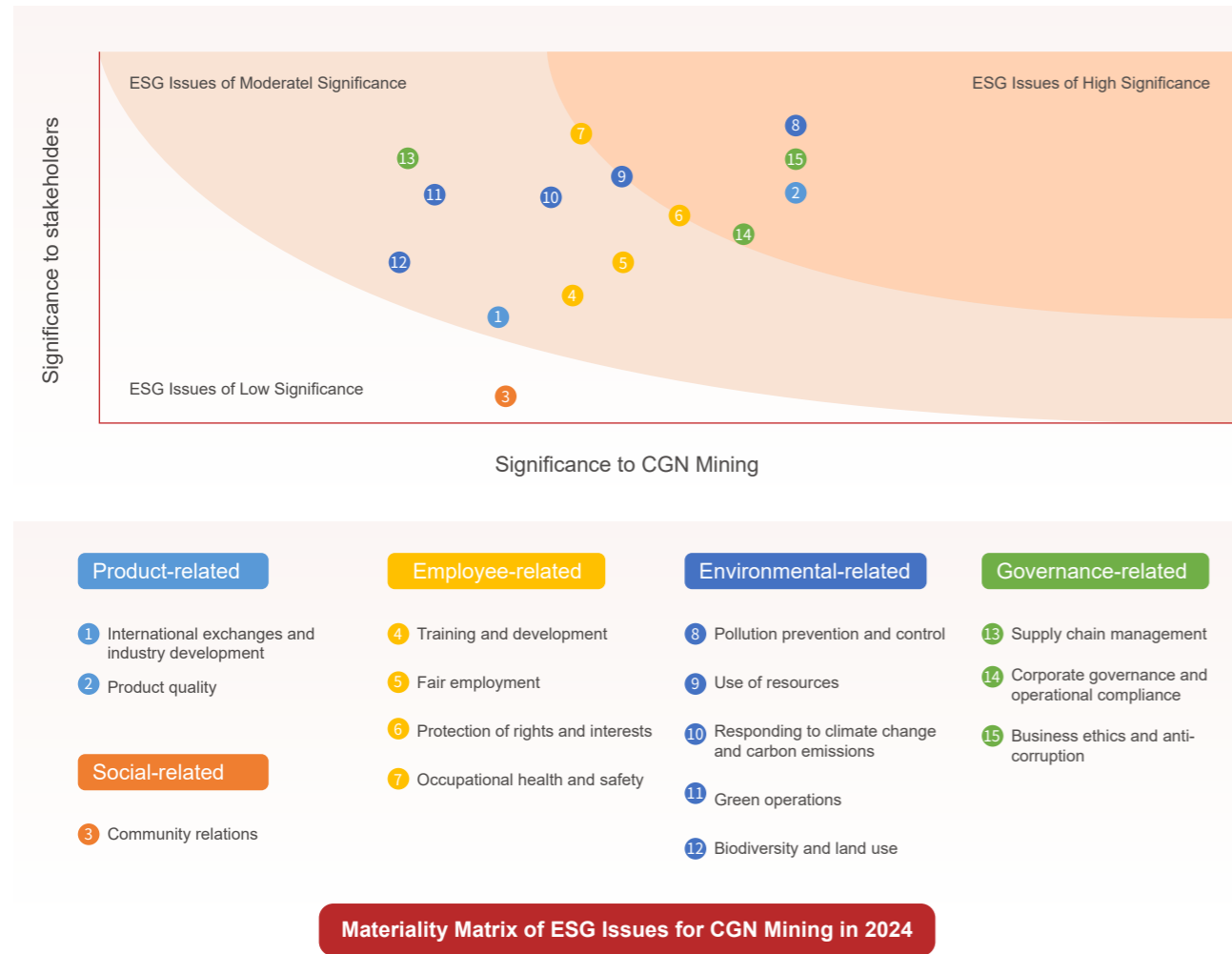
ESG Issues of Moderate Significance

- Occupational health and safety
- Protection of rights and interests
- Use of resources
- Fair employment
- Responding to climate change and carbon emissions
- Green operations
- Supply chain management
- Training and development
- Biodiversity and land use
- International exchanges and industry development

ESG Issues of Low Significance

- Community relations

Materiality Assessment Matrix



Focusing on Risk Management and Control

CGN Mining regards risk management as a core component of corporate governance and continues to strengthen its system through ongoing improvements. The framework covers risk identification, assessment, monitoring, and response. Regular special audits on internal risk management are conducted to detect and address potential issues early. These efforts help enhance both operational efficiency and the Company's ability to manage and control risks effectively.

Risk Management System

To ensure compliant and stable operations, CGN Mining has developed the *Comprehensive Risk Management System* by referencing ISO 31000:2018 standard *Risk Management — Guidelines* and the *Corporate Governance Code* of the HKEX. The system incorporates key risk management requirements and provides clear guidance across multiple areas, including principles, structure and roles, risk identification and analysis, as well as prevention and response measures. This framework ensures a systematic approach to risk control across departments.

Based on the principle of "unified leadership and hierarchical management", CGN Mining has established a well-defined and structured risk management organization system. The Board of Directors and the Audit Committee oversee risk management at the highest level, with senior management responsible for decisions on major risk matters. Risk management is structured into three lines of defense, comprising functional departments, the Planning and Management Department, and the Audit Department, collectively safeguarding the Company's stable development. To maintain transparency and oversight, Invested Mines are required to submit quarterly reports, including risk registers and risk appetite data, to the Board. These updates help ensure the Company remains fully informed about risk conditions across its operations.



Internal Control and Compliance Practices

The Company prioritizes internal risk management by conducting annual risk assessments that cover 20 internal control areas, including organizational structure, development strategy, human resources, and social responsibility. In 2024, nine major risks were identified, each addressed with specific response measures. By the end of the reporting period, all risk points identified in 2023 had been resolved, and rectification plans for the newly identified risks in 2024 were developed, with clearly assigned responsibilities and deadlines to ensure effective risk mitigation across all business units.

To enhance the Company's integrated compliance risk management, we have developed a compliance and legal risk platform that supports multiple compliance risk management tasks. Each year, enterprises with significant legal or compliance risks are added to the platform's risk list for continuous monitoring, based on their operational plans. As part of this process, the Company conducts an annual review of major compliance and legal risks across ten areas: labor and employment, market activities, safety and environmental protection, product quality, taxation and finance, intellectual property, business partnerships, nuclear operations, listed company governance, and cybersecurity. The review includes identifying and assessing risks, defining control measures, reviewing compliance obligations, and updating the compliance database. In 2024, 333 new compliance obligations were added, and 27 potential legal compliance risks were identified, covering core business areas and enhancing the Company's ability to proactively manage risk and maintain a strong compliance foundation.

During the reporting period, the Company conducted a compliance system review of the CGNGU and issued an inspection report. The evaluation identified key issues, including limited legal resources and weak compliance risk controls. In response, the Company recommended CGNGU hiring external legal counsel, refining the compliance framework to better align with business needs, and providing ongoing support to strengthen risk prevention capabilities. The review produced meaningful outcomes and helped guide targeted improvements.

Additionally, when acquiring new projects, the Company conducts due diligence on target entities. This includes reviewing their legal establishment, business continuity, capital structure, governance practices, mining rights and ownership, key assets, liabilities, contracts, insurance, licenses, compliance records, labor matters, and any existing disputes. The findings are compiled into due diligence reports, which highlight potential risks and response measures, forming a key reference for decision-making.

In terms of compliance training, the Company organized a series of training activities throughout 2024 on topics such as legal knowledge dissemination and compliance obligations.



Case: Series of Compliance Training Activities

- On June 7, 2024, a distinguished lecturer was invited to deliver a session of *Optimizing Corporate Governance Rules from the Perspective of the Company Law Amendment* for all governance personnel, enhancing their professional competencies and performance capabilities.
- On June 19, 2024, a training session was conducted on the Compliance Obligations Database for department heads and compliance managers, familiarizing them with the use and operation of the database to strengthen their compliance awareness.
- On July 4, 2024, a training was organized for management personnel on regulations such as the *Regulations on Disciplinary Actions for State owned Enterprise Management Personnel* to improve legal awareness and self-discipline among managers.
- On August 26, 2024, a risk reminder letter was issued from the Chief Compliance Officer regarding securities trading compliance, providing written training to enhance employees' compliance awareness in trading activities.
- On September 25, 2024, the Legal Department held training for all compliance managers to communicate legal system documents, enhancing their legal literacy and compliance management capabilities.



Case: Nuclear Safety Law and Regulations Course

To enhance employees' compliance awareness, the Company developed the *Nuclear Safety Law and Regulations Course* based on practical case studies. Throughout the reporting period, multiple training sessions were organized for mid-level and senior management, frontline managers, and key personnel involved in nuclear operations. Each training session lasted over two hours and had more than 90 participants. The course was also made available on the online learning platform for all employees to access, fostering awareness of nuclear safety knowledge.



On-site Photo of the Nuclear Safety Training

Upholding Business Integrity

CGN Mining adheres to the highest standards of business ethics and is committed to fostering a culture of integrity. The Company strictly complies with anti-corruption laws and regulations in all jurisdictions where it operates, maintaining a zero-tolerance approach to bribery and corruption to ensure transparency and ethical conduct across all business activities.

Business Integrity

CGN Mining recognizes that integrity is essential to long-term business sustainability. The Company strictly follows international standards, including the *United Nations Convention against Corruption*, and has established internal regulations, including the *Compliance Manual*, *Regulations for Handling Presents and Cash Gifts*, the *Rules for Business Integrity Assessment*, and the *Company Supplier Management Regulations*. With a clear "zero tolerance" policy toward corruption, the Company fosters a culture rooted in ethics and compliance. Invested Mines have also adopted their own ethical and compliance codes, which are reviewed and approved by their respective shareholders' meetings. The ESG Committee of the Board serves as the highest decision-making and supervisory body for business ethics and anti-corruption, providing strategic direction and oversight.

To strengthen integrity controls, the Company conducts annual internal control assessments that include reviews of business ethics and anti-corruption practices. In 2024, the assessment focused on areas such as commission payments by overseas subsidiaries and procurement processes. No violations of integrity-related regulations were found. The Company also maintains strict expectations for its suppliers. All partners are required to sign integrity agreements, reinforcing a shared commitment to ethical practices. No incidents of corruption were reported during the reporting period.



Anti-Corruption Training

To strengthen business ethics and raise awareness of anti-corruption practices, CGN Mining has implemented the *Action Plan and Work Program for Strengthening Integrity Culture in the New Era*. Under this initiative, the Company organized a series of disciplinary education and training sessions aimed at fostering a strong sense of ethical responsibility among all employees. During the reporting period, CGN Mining ensured full participation in the unified anti-corruption training hosted by URC, covering both full-time and part-time frontline employees (214 participants) and management personnel (36 participants), reaching 100% coverage across all employee levels. Each training session lasted four hours. Additionally, the Invested Mines conduct at least one integrity culture training per year to cover all employees.

Full-time and part-time frontline employees who participated in the training	Management personnel who participated in the training
214	36
Training coverage rate	Training hours
100%	4



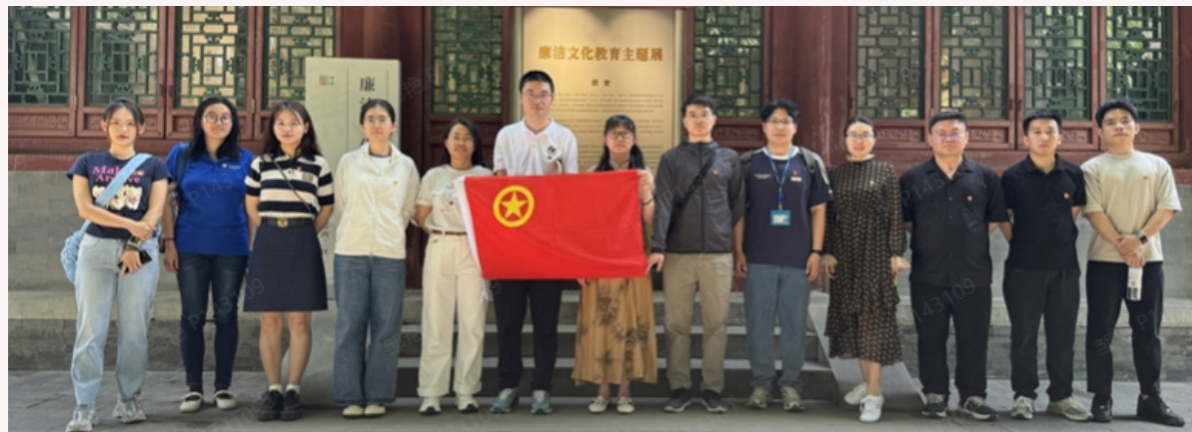
Case: Regular Disciplinary Education

To strengthen the Company's integrity culture and enhance employees' awareness of anti-corruption, CGN Mining organized and participated in a series of regular disciplinary education activities. The Mining Company incorporated the "wo-Minute Talk on Integrity" into the monthly meetings of the General Manager's Office, integrating integrity culture into daily management and consistently reminding employees to uphold ethical standards. Additionally, the Company took part in the "Integrity and Youth" series of activities organized by URC, which included watching and learning from 26 episodes of "Disciplinary and Legal Mini-lectures" and "Warnings and Alerts" released in 2024. This initiative significantly strengthened employees' awareness of integrity. The Company also participated in disciplinary education activities targeting new employees, expatriates, and young talent, ensuring comprehensive integrity culture coverage. Through diversified and regular disciplinary education, CGN Mining has effectively instilled the importance of maintaining professional integrity among employees.



Case: Visit to the Integrity Education Base

The Company utilized the local government disciplinary education base to conduct business ethics training, organizing visits for employees in sensitive positions to the Haidian District Warning Education Base in Beijing.



On-site Photo of the Visit to the Warning Education Base

Whistle-blowing Mechanism

The Company has formulated the *Anti-Corruption and Whistle-blowing Regulations for CGN Mining*, setting out clear procedures and multiple channels for reporting misconduct. Employees are encouraged to report any suspected violations through telephone, email, or mail. The Company is committed to maintaining strict confidentiality, protecting whistleblowers, and handling all reports in accordance with the *Regulations of the Discipline Inspection Committee*:



- The 24-hour reporting hotline (0086-10-57321852) and reporting email (youye@cgnpc.com.cn) published on the company website.
- To mail the reporting letter to the Audit Committee of the Board in a real-name or anonymous manner (Address: 18th Floor, Guangyao Dongfang Building No. 100, North of West 3rd Ring Road Haidian District, Beijing. Attention: The Corporate Secretary of CGN Mining and the letter will be passed on to the Audit Committee).
- The Audit Committee will instruct the Compliance Department to start the processing procedure upon receipt of the reporting case. When the Compliance Department receives the reporting case, it will report the case to the Audit Committee within a reasonable time frame.
- Upon receipt of the reporting case, The Compliance Department will determine whether remedial measures can be taken to avoid further loss and impact promptly. It will conduct a comprehensive analysis based on the details of the reporting. The reporting case can be dealt with in ways such as conversation inquiries, preliminary verification, settling case, temporary pending of investigation after approval.
- After the reporting case is proved as a fact, a proposed resolution will be made based on the findings of the investigation and a decision will be made according to the relevant procedures.



02

Protecting the Ecosystem and Promoting Green Development

At CGN Mining, we believe that “lucid waters and lush mountains are invaluable assets” by embedding ecological protection into its overall development strategy. The Company takes active responsibility for environmental stewardship by ensuring compliance in waste management, improving resource efficiency, and strengthening ecosystem governance to advance green and sustainable development.



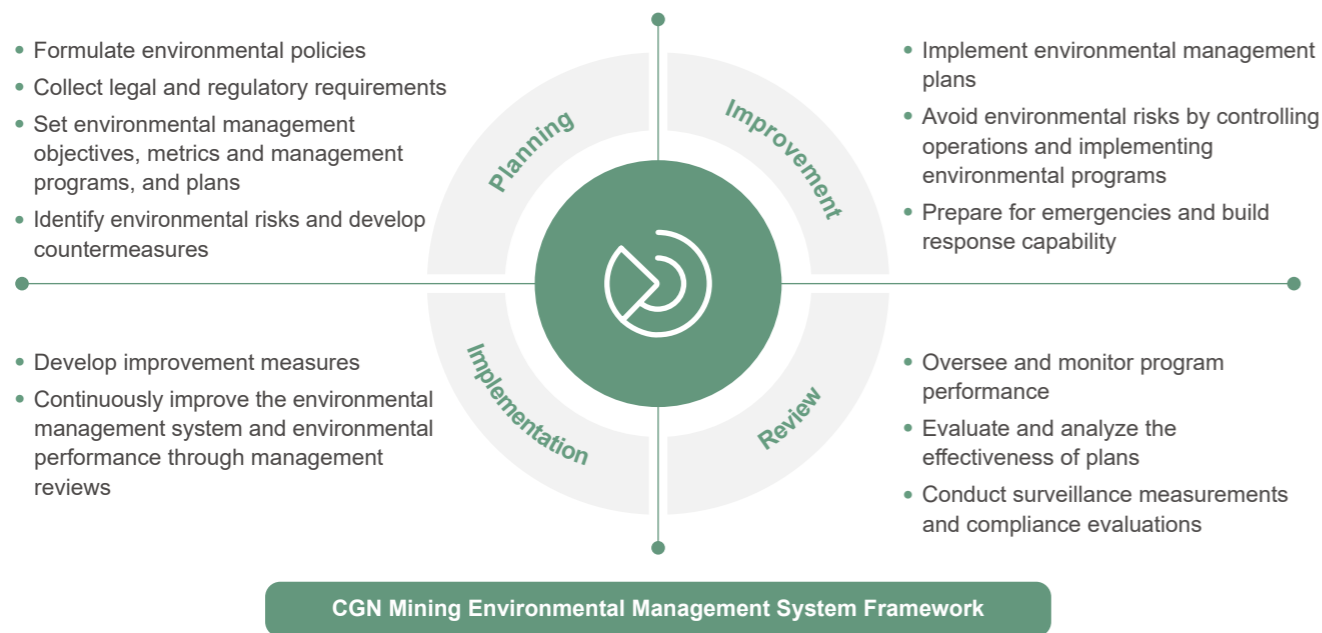
Compliant Waste Management

CGN Mining strictly adheres to environmental protection laws and regulations of the countries and regions where it operates, including the *Environmental Protection Law of the People's Republic of China*, the *Law of the People's Republic of China on Prevention and Control of Radioactive Pollution*, the *Water Law of the People's Republic of China*, the *Law of the People's Republic of China on Environmental Impact Assessment*, the *Atmospheric Pollution Prevention and Control Law of the People's Republic of China*, the *Law of the People's Republic of China on the Prevention and Control of Environment Pollution Caused by Solid Wastes*, and the *Ecological Code of the Republic of Kazakhstan*. In compliance with the requirements of CGNPC-URC, CGN Mining has implemented management documents such as the *Environmental Management System* and the *Regulations of Administration on Energy Conservation and Emission Reduction*. The Company has established a comprehensive environmental management system to ensure clear responsibilities and standardized operations. The Company is committed to achieving green development across all operational locations, striving to minimize environmental impacts and damage to ecosystems.

Environmental Management System

CGN Mining and its Invested Mines have established dedicated departments to manage safety and environmental responsibilities. Both the Company and its Invested Mines have developed comprehensive environmental management manuals, coordinated efforts to promote ecological protection, and implemented relevant environmental governance measures. The Company strictly adheres to the "Planning - Improvement - Review - Implementation" principle as the foundation of its environmental management approach. Regular meetings are held to monitor changes in environmental laws and regulations, assess potential risks, and develop targeted management strategies. These meetings also strengthen communication and collaboration among mines, supporting information sharing and efficient resource coordination. In 2024, CGN Mining and its Invested Mines reported zero environmental accidents, legal violations, or penalties.

At the operational level, Semizbay-U and Ortalyk strictly comply with internal management regulations to meet all environmental protection requirements at their mining sites. All operational staff are provided with appropriate protective equipment. Daily radiation monitoring and environmental inspections are conducted across both mining and office areas to ensure ongoing compliance with environmental standards. Additionally, both mines have installed clear hazard warnings and safety checkpoints along key access routes to strictly control access by non-operational personnel, effectively minimizing safety risks.



While continuing to improve internal management, the Company actively promotes external certification of its environmental management system. As of the end of the reporting period, CGNPC-URC and the Invested Mines, Semizbay-U and Ortalyk, had all obtained ISO 14001 environmental management system certification. The certification covers all business locations of CGN Mining, Semizbay-U and Ortalyk. Each year, the Company participates in the ISO 14001 certification and renewal process organized by CGNPC-URC. This ensures that the environmental management system across all sites is regularly reviewed. In addition, Semizbay-U and Ortalyk engage external laboratories on a quarterly basis to conduct sampling and analysis of production and mining areas and undergo annual inspections from Kazatomprom and local ecological authorities.



Environmental Management System Certifications

Guided by the *Emergency Response Plan for Environmental Incidents*, the Invested Mines have established a systematic environmental risk emergency management system to address potential environmental emergencies. To ensure readiness, each site carries out at least one emergency drill per year. These exercises help employees become familiar with response procedures, improve coordination and response time, and identify areas for improvement.

Emissions and Waste Management

CGN Mining strictly complies with national and local environmental protection laws and regulations to ensure that emissions and waste are managed in line with legal standards. These efforts aim to minimize the impact on the environment. Expatriate teams oversee the performance of the Invested Mines, supporting the detection, evaluation, and control of various types of emissions and waste to ensure compliance with all applicable requirements.

Wastewater Management

CGN Mining strictly abides by the *Water Pollution Prevention and Control Law of the People's Republic of China*, the *Environmental Code of the Republic of Kazakhstan*, and other relevant wastewater discharge regulations. To reduce the environmental and health risks of industrial wastewater, CGN Mining continues to invest in treatment facilities and improve process efficiency. At Semizbay-U and Ortalyk, industrial wastewater treatment systems are in place to ensure that both the concentration and total volume of discharged water meet local standards. Snowmelt and rainwater are collected through underground pipelines and discharged as clean water based on the site's natural topography. Rainwater from fueling station areas is diverted to a separate drainage system for treatment. Production wastewater undergoes dual filtration and sewage treatment before being discharged using submersible pumps. Wastewater from vehicle disinfection stations, hydrometallurgical plants, and laundry facilities is treated through bio-purification ponds before being reused in leaching processes.

To prevent contamination, the Invested Mines also apply a series of safety measures during operations to ensure the safety of pipelines and reduce the risk of leaks affecting surrounding environments and nearby communities.

Piping Safety Measures of Invested Mines

1. Apply acid-resistant materials in all pressure piping.
2. Regularly test the strength of our pressure piping to avoid contamination due to leakage of process solutions.
3. Perfuse the surface space of the first aquifer and cemented the completed technological wells during drilling to avoid contamination of the aquifer uplands above the productive aquifer.
4. Test the technological wells by means of hydraulic squeezing (squeezing pressure no less than 1.5 times the working pressure) to ensure stable mining operations.
5. The solution is in a closed cycle.
6. Construct legal observation wells and conducted quarterly laboratory tests after the block section was put into production.

Exhaust Gas Management

CGN Mining strictly complies with the requirements of the *Atmospheric Pollution Prevention and Control Law of the People's Republic of China*, the *Integrated Emission Standard of Air Pollutants*, and the *Environmental Code of the Republic of Kazakhstan*. To ensure full exhaust emission compliance, the Company has established strict monitoring and control procedures. The Invested Mines, Semizbay-U and Ortalyk carry out regular air quality monitoring in accordance with local requirements. These assessments ensure that monitoring points, items, and periods align with legal and regulatory expectations, preventing emissions from exceeding permitted limits. In addition, all Invested Mines use in-situ leaching for uranium extraction, a method that significantly lowers air pollutant emissions. Dust control measures are also in place to further reduce the emission of air pollutants.

Exhaust Gas Emissions Data

Air Pollutant	Unit	CGN Mining Data	Mine Data
Nitrogen oxides (NO _x)	kg	NA	6,603.13
Sulfur dioxide (SO _x)	kg	NA	4,696.53
Particulate Matter (PM)	kg	NA	8,414.51



Waste Management

CGN Mining strictly complies with the regulations on waste discharge as stipulated in the *Law of the People's Republic of China on the Prevention and Control of Environment Pollution Caused by Solid Wastes*, the *Technical Specifications for Collection, Storage, Transportation of Hazardous Waste*, the *Measures for the Transfer of Hazardous Wastes*, and the *Environmental Code of the Republic of Kazakhstan*. The Company ensures proper waste treatment and actively promotes recycling and reuse wherever possible. At the Invested Mines, all waste disposal practices are carried out in line with both internal policies and the discharge standards set by Kazakhstan's Ministry of Ecology, Geology, and Natural Resources. Waste is strictly sorted and managed by category—non-hazardous, hazardous, and radioactive—to ensure full compliance.

Waste Disposal Measures

Non-hazardous waste

- Non-hazardous waste mainly includes discarded paper from office areas, scrapped tires, and kitchen waste from both the Company and its Invested Mines.
- Discarded clothing, drilling mud, and ashes from incineration are disposed of in landfills in the uranium mine's non-hazardous drilling waste landfill area.

Hazardous waste

- Hazardous waste mainly includes waste mineral oil, oil-water mixtures, and acid-neutralized soil generated during production operations at the Invested Mines.
- The Company has developed a list of hazardous waste with detailed records of the names, hazardous properties, composition, toxicity, and waste management precautions of hazardous waste varieties.
- Hazardous waste that cannot be handled by the Invested Mines is transferred to specialized contractors for storage, transportation, and disposal.

Radioactive waste

- Radioactive waste mainly includes low-level radioactive waste such as drilling cuttings from mining operations and contaminated materials and equipment from production processes.
- Drilling cuttings are centrally disposed of in designated geological disposal sites within the mining area, while low-level radioactive waste is disposed of in specialized geological disposal repositories outside the mining area.

Waste Emissions Data

Type of Waste	Unit	CGN Mining Data	Mine Data
Total non-hazardous waste	tonne	141.50	2,243.20
Intensity of non-hazardous waste	tonne/employee	0.57	1.74
Total hazardous waste ¹	tonne	NA	78.62
Intensity of hazardous waste	tonne/employee	NA	0.06
Drilling cuttings	tonne	NA	13,880.37
Low-level radioactive waste	tonne	NA	201.17

¹ In 2023, drilling cuttings and low-level radioactive waste were included in the hazardous waste category. These two types of waste have been disclosed separately in 2024.

Efficient Resource Utilization

CGN Mining is committed to sustainable development and places strong emphasis on responsible resource management across its operations and those of its Invested Mines. At the same time, the Company promotes green office practices and aims to foster a resource-saving and environmentally friendly corporate culture.

Energy Management

CGN Mining strictly complies with relevant laws and regulations, including the *Energy Conservation Law of the People's Republic of China* and the *Renewable Energy Law of the People's Republic of China*. The Company actively collaborates with CGNPC-URC, to carry out energy management system certification. As of the end of the reporting period, CGNPC-URC had obtained the GB/T 23331-2020 Energy Management System Certification, covering all major business activities under CGN Mining. In addition, Semizbay-U and Ortalyk have both received ISO 50001 Energy Management System Certification.

Within its own operations, CGN Mining's primary energy use is from office operations. To improve efficiency, the Company continues to promote energy-saving measures, such as the use of low-consumption equipment and digital workflows to reduce paper use. Awareness campaigns are also in place to remind employees to turn off lights, computers, and air conditioners when not in use, and to support green commuting options. By encouraging environmentally conscious behaviors, the Company is building a workplace culture centered on sustainability. CGN Mining also participates in regular energy audits organized by its parent company to monitor usage and further enhance energy management practices.



Case: CGN Mining Carried Out Regular Office Power-Off Inspections

To implement the green office philosophy and achieve energy-saving goals, CGN Mining conducted a special inspection campaign called "Power-Off When People Leave" in 2024. The Company organized dedicated inspection teams to regularly check electrical equipment in offices, meeting rooms, and public areas to ensure that devices were turned off when not in use. During inspections, the teams focused on frequently used electrical devices such as air conditioners, lighting fixtures, computers, and printers, recording any non-compliance cases and issuing rectification requests on-site. Through assessment and enforcement, the Company continuously reinforced employees' awareness of energy conservation and environmental protection.

The Company's Invested Mines prioritize energy management by improving efficiency through technological upgrades, process optimization, adoption of advanced equipment, and substitution of clean energy. CGN Mining encourages Semizbay-U and Ortalyk to explore renewable energy development, including the construction of photovoltaic power stations to promote the large-scale use of renewable energy. In 2024, the total photovoltaic power generation at Semizbay-U and Ortalyk reached 1,056.64 MWh. Additionally, all incandescent lamps have been phased out at all sites, with lighting systems fully upgraded to energy-efficient LED technology to further reduce energy consumption.



Photovoltaic Power Station

Energy Consumption Data

Energy	Unit	CGN Mining Data	Mine Data
Direct energy consumption	MWh	NA	20,289.27
Indirect energy consumption	MWh	706.53	114,821.02
Photovoltaic power generation	MWh	NA	1,056.64
Total energy consumption	MWh	706.53	136,166.93
Total energy consumption intensity	MWh/employee	2.67	105.47

Water Management

CGN Mining's direct water usage is relatively limited, primarily occurring in office operations. The majority of water consumption takes place at its Invested Mines. The Company assigns expatriate staff to supervise the use of water resources in the participating mines, enhancing the detailed management of water resources and to clarify the management responsibilities of each party. Water usage data is regularly reported to both the general managers of the invested companies and the CGN Mining expatriate team. This helps ensure timely monitoring and efficient resource allocation. Each year, the Invested Mines prepare water usage plans based on production needs, calculate actual annual consumption, and project future demand. With scientific planning and real-time adjustments, the mines are able to optimize water efficiency while balancing operational requirements with environmental considerations.

CGN Mining's invested companies, Semizbay-U and Ortalyk, actively reduce freshwater consumption by treating and reusing wastewater. At Semizbay-U, 100% of wastewater from vehicle disinfection stations, hydrometallurgical plants, and laundry facilities is collected and redirected into the leaching solution process. At Ortalyk, domestic sewage is treated through a multi-step process that includes mechanical filtration, chemical disinfection, and ultraviolet sterilization. Once treated, the water is reused for landscaping irrigation and in the leaching process. These measures not only minimize wastewater discharge but also significantly improve water efficiency, reducing reliance on freshwater resources.

Water Consumption Data

	Unit	CGN Mining Data	Mine Data
Fresh water consumption	tonne	1,871.00	387,509.00
Recycled water consumption	tonne	NA	4,398.06
Total water consumption	tonne	1,871.00	391,907.06
Water consumption intensity	tonne /employee	7.06	303.57
Product water consumption	tonne/ten thousand products	NA	0.96

Promoting Ecological Protection

CGN Mining deeply implements the concept of ecological civilization, aligning with national initiatives to integrate biodiversity conservation into its development strategy and daily operations. The Company strictly follows the *Environmental Management System* established by its parent company, ensuring that effective measures are in place during both production and project construction to minimize ecological and biodiversity impacts. Land restoration is carried out comprehensively upon project completion to support land restoration.

In compliance with national and local environmental regulations, CGN Mining develops tailored soil and water conservation plans based on the specific conditions of each project. During planning and construction, the Company prioritizes scheduling, locations, and methods that limit ecological disruption. The Company fully implements the “three simultaneous” environmental protection system, which integrates environmental measures into the design, construction, and operation phases of each project. This proactive approach helps reduce the environmental footprint of project activities. As a company focused on uranium resource development and trade, CGN Mining places a strong emphasis on ecological responsibility. The Company closely supervises its Invested Mines to refine production processes and strengthen environmental management, supporting the long-term sustainability of mining areas and surrounding ecosystems.

Biodiversity and Land Reclamation Measures

The Company strictly enforces the *Environmental Management System* established by CGNPC-URC, requiring Invested Mines to conduct ecological assessments and restoration work at all operational sites, adhering to equal or higher standards:

1. We conduct environmental impact assessments before all construction works to identify potential environmental issues arising from the construction process and implement necessary countermeasures. In addition, we have developed comprehensive protection plans:
 - Wildlife conservation plans: We take various measures to protect rare wildlife and plant habitats, such as establishing protected areas and developing detailed conservation plans. For species like eagles, snakes, pelicans, and gloss ibis that may be impacted on our operating sites, we actively take targeted conservation measures to avoid any interference or damage to their habitats.
 - Research and training: We are active in wild plant cultivation and research, aiming to boost the recovery and growth of wild plant populations. We are also committed to the continuous improvement of conservation efforts.
 - Restoration of damaged ecosystems: We actively employ ecological restoration techniques to restore damaged ecosystems and ensure that our business activities do not cause unnecessary damage to the environment.
2. During the construction process, we use advanced construction techniques and control measures to minimize the impact on the ecosystem. We also strengthen garbage disposal and cleaning to ensure proper waste management and minimize negative impacts on the environment through regulated emissions of waste and other pollutants.
3. Upon completion of the construction, we will actively implement quick recovery measures for the environment and vegetation. We emphasize the practical fulfillment of our environmental responsibility to ensure that the construction will not cause damage to the ecological environment.

The Invested Mines comply fully with local regulations by paying decommissioning fees in advance of project commencement. These funds are allocated to support environmental assessments and land restoration following mine closure. During exploration activities, radioactive drill cuttings and contaminated soil are carefully collected and centrally treated to reduce the potential ecological impact of radioactive waste.



Case: Participation of Invested Mines in Kazatomprom’s *Environmental and Social Action Plan Roadmap (ESAP Roadmap)*

CGN Mining’s invested companies, Semizbay-U and Ortalyk, actively participated in Kazatomprom’s *Environmental and Social Action Plan Roadmap (ESAP Roadmap)* and conducted ecological assessments in the surrounding operational areas. Semizbay-U conducted a study on “Protecting Birds from Transmission Lines”, which involved detailed statistical research and analysis of geographical location, natural environment, climatic conditions, bird species’ habitats, and existing power facilities in two mining areas and their surrounding regions. Ortalyk studied the soil types, groundwater structure, and composition of flora and fauna in the mining area and surrounding regions. It collected data on soil cover, water resources, and atmospheric precipitation, and carried out soil microbial community and plant toxicity research. By establishing a science-based ecological protection mechanism, the invested mines can better assess the ecological conditions around operational sites, thereby mitigating the ecological impact of business activities.



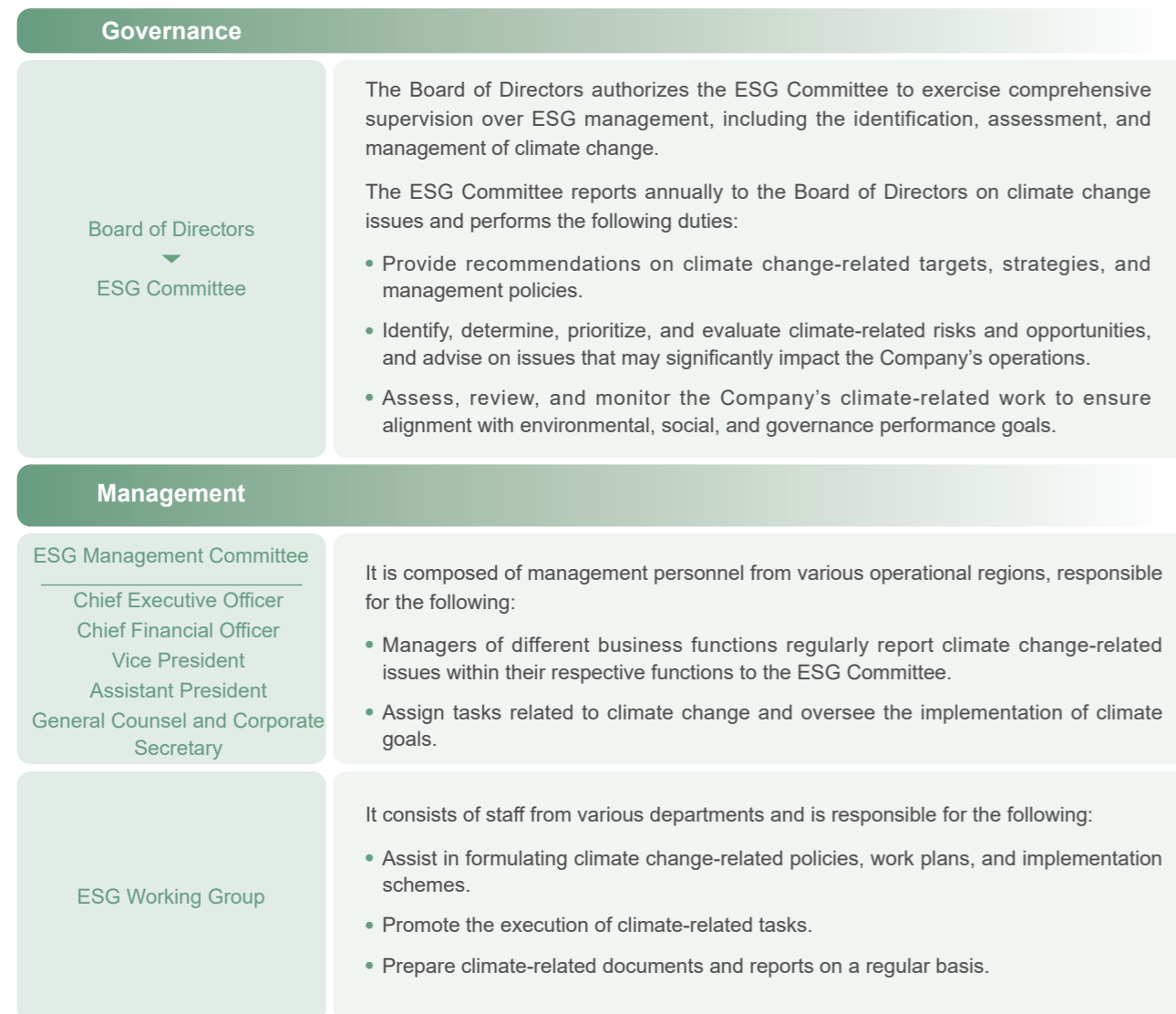
■ Responding to Climate Change

CGN Mining actively responds to the call to “peak carbon dioxide emissions before 2030 and achieve carbon neutrality before 2060.” The Company prioritizes the reduction of greenhouse gas emissions across its operations and promotes the use of green, low-carbon technologies. By continuously improving operational practices, CGN Mining seeks to minimize climate-related impacts and contribute meaningfully to global climate action.

Governance

Within its ESG governance framework, CGN Mining has established a clear structure for managing climate-related issues. Responsibilities are defined across all levels of the organization. The Board of Directors holds overall accountability for climate risks and opportunities and is responsible for overseeing the identification, evaluation, and management of these issues across the Company.

CGN Mining’s Climate Governance Structure



Strategies

To strengthen its resilience to climate change and manage climate-related risks effectively, CGN Mining regularly identifies and assesses risks and opportunities relevant to its operations and manages physical risks and transition risks. Physical risks relate primarily to the effects of extreme weather events and rising average temperatures, which may impact production activities at the Invested Mines. Transition risks stem from changes in climate-related policies and regulations, as well as reputational risks linked to greenhouse gas emissions at the mining sites. The Company’s climate risk management covers both corporate operations and production at Invested Mines. In response to these risks, CGN Mining continues to refine its climate strategies to ensure adaptability and sustainable growth. At the same time, the global shift toward a low-carbon economy is expected to increase demand for clean energy. As nuclear power plays a key role in this transition, the industry is positioned for continued development. As an upstream player in the nuclear energy value chain, CGN Mining will actively expand uranium resource development and reserves, strengthen strategic partnerships, and seize opportunities arising from the global push toward carbon neutrality.

Climate-Related Physical Risks

Type	Risk	Counter-measures
Extreme weather	Extreme weather events may lead to damage to production terminals, equipment failure, and supply chain disruptions at the Invested Mines, resulting in increased operating costs and potential production decline. Currently, the primary extreme weather risks faced by the Invested Mines include severe cold and extreme precipitation leading to heavy snow and flooding.	<ul style="list-style-type: none"> • The Invested Mines have established emergency response programs in place for extreme and severe weather conditions. For example, during harsh winter conditions in northern Kazakhstan, heating is provided for employees; saunas are equipped in locker rooms to help outdoor workers quickly warm up. • Observation stations are set up at the mines to provide necessary support for outdoor workers in case of emergencies. • In case of inclement weather such as snowstorms, heavy rainfall, and extreme heat, managers will promptly mobilize manpower, take precautionary measures, and arrange for the commuting of employees as mandated to ensure safety for employees. • We develop protection measures based on the recommendations of local government agencies to possibly avoid physical damage.
Average temperature rise	The rise in mean temperatures may affect water resource supply and energy consumption at the mines, reduce the durability of equipment, and potentially impact employee health, leading to increased operating costs.	<ul style="list-style-type: none"> • Strengthen water and energy monitoring to reduce resource consumption during operations. • Conduct regular maintenance and inspections to ensure timely repairs when equipment malfunctions. • Use more heat-resistant materials in our operations and mining activities. • Raise employee awareness of illnesses caused by heat stress through policies, guidelines, and drills. • Provide more cooling facilities for our employees, such as portable solar-powered fans and ice water supplies.

Climate-related Transition Risks

Type	Risk	Counter-measures
Policy and legal	Stricter climate policies and regulatory requirements may lead to increased carbon emission costs and higher environmental compliance expenses.	<ul style="list-style-type: none"> Monitor policy developments closely and adjust strategies accordingly to ensure ESG performance aligns with relevant regulations and standards. Strengthen the monitoring and reduction of greenhouse gas emissions across the Company and Invested Mines. Supervise Invested Mines to regularly inspect and upgrade large-scale equipment to proactively lower emissions.
Reputation	The community, including investors, is increasingly concerned about GHG emissions. If the GHG emissions of the Company and its Invested Mines are not effectively managed, the Company may face negative evaluations, which may affect its brand image and competitiveness in the capital market.	<ul style="list-style-type: none"> Enhance monitoring and reduction of greenhouse gas emissions across the Company and Invested Mines. Improve transparency in climate-related disclosures. Strengthen engagement and communication with the public and key stakeholders.

Climate-related Opportunities

Type	Opportunities	Counter-measures
Global low-carbon transition	As the world moves toward a low-carbon future, the share of clean energy in the global energy mix is expected to rise. Nuclear power, as a zero-carbon energy source, will play a key role in this transition. CGN Mining, through its focus on natural uranium resource development and trading, is well positioned to benefit from the increased demand for clean energy.	<ul style="list-style-type: none"> Expand uranium resource development and build up strategic reserves. Strengthen partnerships with nuclear power operators and downstream clients. Integrate green development principles into operations to enhance the Company's reputation and competitiveness in the clean energy sector.

Invested Mines implement a comprehensive and systematic carbon emission management and control approach throughout the life-of-mine (LOM).

Management Measure of Greenhouse Gases in Mining Enterprises

- Conduct a systematic review of the entire mining production process, comprehensively accounting for carbon emissions generated from raw material use, equipment operation, energy consumption, and transportation, forming a fundamental data inventory to provide a scientific basis for subsequent work.
- Perform in-depth analysis of the data in the carbon emission inventory, identify high-emission segments, assess the current emission level, and establish forward-looking carbon reduction targets that are feasible and align with the Company's actual conditions, specifying the emission reduction pathways.
- Based on the carbon emission analysis results, design and implement targeted emission reduction strategies, such as technological upgrades, optimization of the energy mix, and energy-saving management measures, to ensure that emission reduction actions are both practical and measurable.
- Establish a long-term monitoring mechanism to continuously track the implementation of emission reduction measures, dynamically monitor changes in carbon emissions, and regularly publish reports to disclose emission reduction achievements, allowing for regulatory and public oversight.

Risk Management

CGN Mining has formulated a *Comprehensive Risk Management System* that provides clear standards and procedures for managing risks across the organization. The system outlines principles, defines responsibilities, and sets protocols for identifying, assessing, and responding to risks. It supports consistent and coordinated implementation of risk management across all departments. Climate-related risks have been initially integrated into this broader risk management framework. The Company has begun applying structured processes to identify, evaluate, and address climate risks in alignment with its existing system.

CGN Mining Climate Risk Management Process

Risk Identification	Initially screen climate-related risks that may potentially impact the Company's development by evaluating macroeconomic conditions, business trends, and regulatory demands.
Risk Assessment	Classify the identified climate-related risks into physical risks and transition risks, and evaluate the likelihood of occurrence and potential impacts.
Risk Management	Prioritize risks based on academic literature, internal research, stakeholder expectations, and the Company's actual business operations. Develop targeted response measures and management policies for major climate risks.

Metrics and Targets

CGN Mining continuously monitors the carbon emissions of the Company and its Invested Mines, sorts out the sources of carbon emissions from various business segments, and researches ways to reduce carbon emissions. Based on the monitoring results, the Company adopts effective energy saving and emission reduction measures, laying a good foundation for the formulation of carbon emission reduction plans and setting of emission reduction targets in the future.

Greenhouse Gas (GHG) Emissions

Type of waste	Unit	CGN Mining Data	Mine Data
Scope 1 GHG emissions	tCO ₂ e	NA	5,383.74
Scope 2 GHG emissions	tCO ₂ e	430.14	69,898.44
Total GHG emissions	tCO ₂ e	430.14	75,282.18
GHG emissions intensity	tCO ₂ e/employee	1.72	58.31

The Company plans to further strengthen its carbon emission inventory management by establishing a robust carbon accounting system and continuously improving data collection methods. Efforts are also underway to develop a comprehensive accounting framework for Scope 3 GHG emissions, gradually expanding coverage to include both upstream and downstream business activities. Additionally, the Company closely monitors national "dual carbon" policies and industry trends to ensure its GHG reduction strategies remain aligned with broader national goals. The Company also works with its Invested Mines to promote the development and implementation of carbon reduction targets.

03

Safety as the Foundation for Steady Development

CGN Mining maintains a strong commitment to the principle of the safety red line, supported by a comprehensive and rigorous safety management system. Operational processes are continuously refined to ensure safe, stable, and efficient production. At the same time, we are committed to creating a safe and healthy working environment, safeguarding the health and safety of employees, contractors, customers, and local communities.



■ Reinforcing Safety Management

CGN Mining strictly complies with the *Work Safety Law of the People's Republic of China*, the *Fire Safety Law of the People's Republic of China*, the *Regulations on the Reporting, Investigation and Disposition of Work Safety Accidents*, and other safety laws and regulations. The Company also strictly adheres to the *Regulations on the Administration of Safety Production Expenses* established by its parent company. Additionally, in alignment with the *Kazatomprom Group's Safety Management Regulations for Uranium Mining Geological Exploration, Mining, and Hydrometallurgical Industry*, CGN Mining standardizes safety management practices across all production and operational activities under its jurisdiction. Following the parent company's requirements, the Company applies risk management principles and implements the Plan-Do-Check-Act (PDCA) cycle to build an integrated safety and quality management system. Through ongoing performance evaluations, CGN Mining identifies operational gaps and areas for improvement, continuously optimizing its safety policies and procedures to support safe and stable business operations.

We uphold the core safety philosophy of "safety first, focusing on prevention, and integrated control". Supported by the safety management framework of CGNPC-URC, CGN Mining ensures that all safety tasks are executed in a structured and efficient manner. CGNPC-URC has implemented a three-tier safety accountability system covering leadership, management, and execution-creating a clear structure for oversight and implementation. Under the guidance of the Board ESG Committee and the ESG Management Committee, the Safety & Assurance Department is responsible for coordinating and implementing occupational health and safety initiatives. The department strengthens internal collaboration and improves management efficiency, with a continued focus on safeguarding the health and safety of all employees.

To reinforce top-down oversight, CGN Mining has introduced the *Safety, Quality, and Environmental Information Reporting Management Regulations* and developed a formal reporting system. This system requires all major hazards or incidents to be reported to CGN Group on the day they are identified, ensuring that safety risk information is delivered in a timely, accurate, and complete manner. This approach supports faster, more effective incident response. In 2024, the Company achieved multiple safety targets, including zero nuclear incidents of level two or above, zero major or above personal injury accidents, and no social responsibility incidents with severe adverse impacts.

Level	Structure	Responsibilities
Leadership	Safety & Assurance Management Committee (Safety Committee)	<ul style="list-style-type: none"> It leads the Company's nuclear and radiation safety, industrial safety, occupational health, environmental protection, quality management, and anti-terrorism security. The Safety Committee determines the risk grade of the Company's departments and subsidiaries to implement graded control.
Management	Safety & Assurance Department	<ul style="list-style-type: none"> As the Company's independent department of safety, quality, and environment management, it is responsible for the comprehensive oversight of the Company's safety, quality, and environment.
Execution	Safety Committee of a subsidiary	<ul style="list-style-type: none"> Subsidiaries of Grade-I risk must set up a Safety Committee, which leads the subsidiary's nuclear and radiation safety, industrial safety, occupational health, environmental protection, quality management, and anti-terrorism security.
	Safety Director of a subsidiary	<ul style="list-style-type: none"> Subsidiaries of Grade-I risk must set up the position of Safety Director and define it in its organizational structure.
	Safety & Assurance Department of a subsidiary	<ul style="list-style-type: none"> Subsidiaries of Grade-I risk shall set up an independent department of safety, quality, and environment management and staff it with dedicated safety, quality, and environment managers at a ratio of 50:1, which means one safety, quality, and environment manager for every 50 workers.
	Safety Managers	<ul style="list-style-type: none"> The URC's departments of Grade-I risk shall set up dedicated safety, quality, and environment managers and establish a departmental network of part-time safety, quality, and environment supervisors based on business needs. Other departments shall assign at least one member as the part-time safety, quality, and environment manager for the department, who shall assist the head of the department in safety, quality, and environment management of the department.

CGNPC-URC Safety Management Structure and Responsibilities

In 2024, we revised the *Safety Risk Graded Control Management Regulations* and the *Hazard Investigation and Governance Management Regulations*. In accordance with the Safety, Health and Environment (HSE) plan of the URC, we conducted 28 safety inspections throughout the year, including pre-and post-holiday reviews, significantly enhancing the scope and depth of risk identification and control efforts. To ensure safe production, we issued the *Safety, Quality, and Environment Early Warning and Braking Mechanism Management Regulations* and the *Special Reward Management Measures for Accident Hazard Discovery and Reporting (Trial)*, standardizing the routine management of the "early warning and braking" mechanism and strengthening positive guidance. We have also implemented the "Three Layers and One Line" safety management mechanism to reinforce safety production responsibilities. On this basis, we organized a range of safety-focused initiatives, including training sessions, research programs, and safety competitions, to continuously improve employee awareness and operational safety skills.

The safety performance of Invested Mines remains a key area of focus. CGN Mining integrates safety outcomes into performance evaluations for mine leadership, helping to ensure stable and compliant operations. A four-tier safety management structure has been established across the Invested Mines, involving joint efforts from corporate leadership, the headquarters safety department, the mine's chief engineer, local safety departments, and frontline safety officers to achieve safety management goals.



The Invested Mines actively comply with regulatory requirements set by local authorities by submitting weekly updates on safety performance and progress on rectifications to the Company. They also participate in peer inspection activities organized by Kazatomprom's mining enterprises. Through consistent oversight and detailed evaluation measures, the mines have significantly reduced safety risks, creating a strong foundation for a safe, stable, and efficient production environment. In February 2024, Semizbay-U was recognized at the Kazatomprom HSE Conference for its exemplary safety performance, receiving the Best Safety Enterprise Award for the first time. In addition, the head of its production safety department was awarded the Industrial Safety Leadership Certificate and elected as Vice Chairperson of the HSE Club.

■ Ensuring Safe Operations

CGN Mining places the highest priority on safety, adopting a "prevention-first" approach and promoting comprehensive risk governance. The Company continues to strengthen safety training and awareness to enhance overall emergency response capabilities across the Group. Upholding the parent company's "leadership, management, executive, and supervisory responsibilities" management philosophy, integrates these principles into daily operations. The Company also continues to refine its risk-graded control mechanisms to ensure risk mitigation measures are implemented effectively at every level.

In 2024, no Group assessment indicator incidents were reported.

The Company conducts all operations in accordance with applicable laws and regulations. It has obtained environmental management system certification, along with licenses for the handling of nuclear materials and radiation safety. The Invested Mines are also certified by the Committee of Atomic and Energy Supervision and Control under the Ministry of Energy of the Republic of Kazakhstan. These certifications cover the storage and transportation of radioactive substances and equipment containing radioactive materials, as well as the management of radioactive waste.

Safety Culture

CGN Mining values the development of a safety culture. The Company conducts a range of training programs and awareness initiatives for business leaders, employees, and contractors. In 2024, CGN Mining invested RMB 81,735.06 in safety training.

As an essential platform for safety culture development, the Invested Mines have actively organized various training and cultural promotion activities, covering topics such as labor safety and health, industrial safety, radiation safety, fire safety techniques, and first aid. These efforts further consolidate the foundation of production safety, enhance individual risk awareness, and ensure the safe and efficient operation of all business activities.

Safety Culture Highlights in 2024

CGN Mining

- From June to August 2024, the Company held the second batch of high-risk operation graded control training, targeting Grade-I risk units. After passing the examination, a list of qualified personnel was published, with a total of 212 participants, including contractors.
- On July 16, 2024, the Company held the first HSE Knowledge Competition, involving seven teams and 28 contestants.

Semizbay-U

- Organized thematic training on topics such as “Safe Driving Under Extreme Conditions”, “Radiation Dose Inspector”, “Environmental Legal Regulations of the Republic of Kazakhstan”, and “Environment Control of Industrial Production”, with a total of 154 trainees throughout the year.
- Conducted “Safety Culture in the Workplace” themed training, complemented by entertainment competitions to deepen employees’ practical experience of safety culture.
- Held a Fire Relay Competition to enhance firefighting skills and teamwork coordination.
- Conducted monthly training on basic firefighting, emergency evacuation, and first aid, covering all mine employees and contractors to ensure safety during mining operations.

Ortalyk

- Organized a series of events including World Day for Safety and Health at Work (April 28, 2024), World Environment Day (June 5, 2024), Fire Safety Month (May 2024), and Industrial Safety Month (September 2024). These events greatly promoted the development of a safety culture.
- Throughout 2024, conducted staged training on labor safety and health, industrial safety, radiation safety, fire safety techniques, and first aid, consolidating the foundation for safe production and ensuring the effective implementation of production activities.
- Conducted fire emergency drills to enhance the mine’s on-site rescue and evacuation capabilities.

Assessment indicator incidents: INES Level-2 nuclear events or above, serious (causing 3 to 9 deaths) accidents causing injuries or deaths or above, accidents causing serious injuries or above, fire accidents, serious quality accidents, concealment or false reporting, major radiation protection incidents, and social incidents causing serious adverse impacts.

Safety Management for Contractors

We place a strong emphasis on the occupational health and safety of contractors and third-party personnel working on site. URC has formulated the *Regulations on Health, Safe, Security, Environment (HSSE) Management for Contractors*, which apply across the entire Group and all contracted parties. In accordance with these regulations, CGN Mining has implemented standardized safety management procedures at its operational sites. Contractors are classified based on risk levels, and corresponding safety measures are reviewed to ensure adequate protection for external construction personnel. To strengthen oversight, we have established the *HSSE Performance Evaluation Report*. Contractors with poor HSSE performance are subject to risk control measures such as bidding restrictions and blacklisting. In 2024, Semizbay-U and Ortalyk adopted Kazatomprom’s new industrial safety standard system and, on September 16, formally launched the “Program for Contractor Participation in Industrial Safety Month Activities.” This initiative is designed to enhance the supervision of contractor safety practices and occupational health standards.

In 2024

The number of contractor fatalities at CGN Mining, Semizbay-U, and Ortalyk work-related injuries was “0”

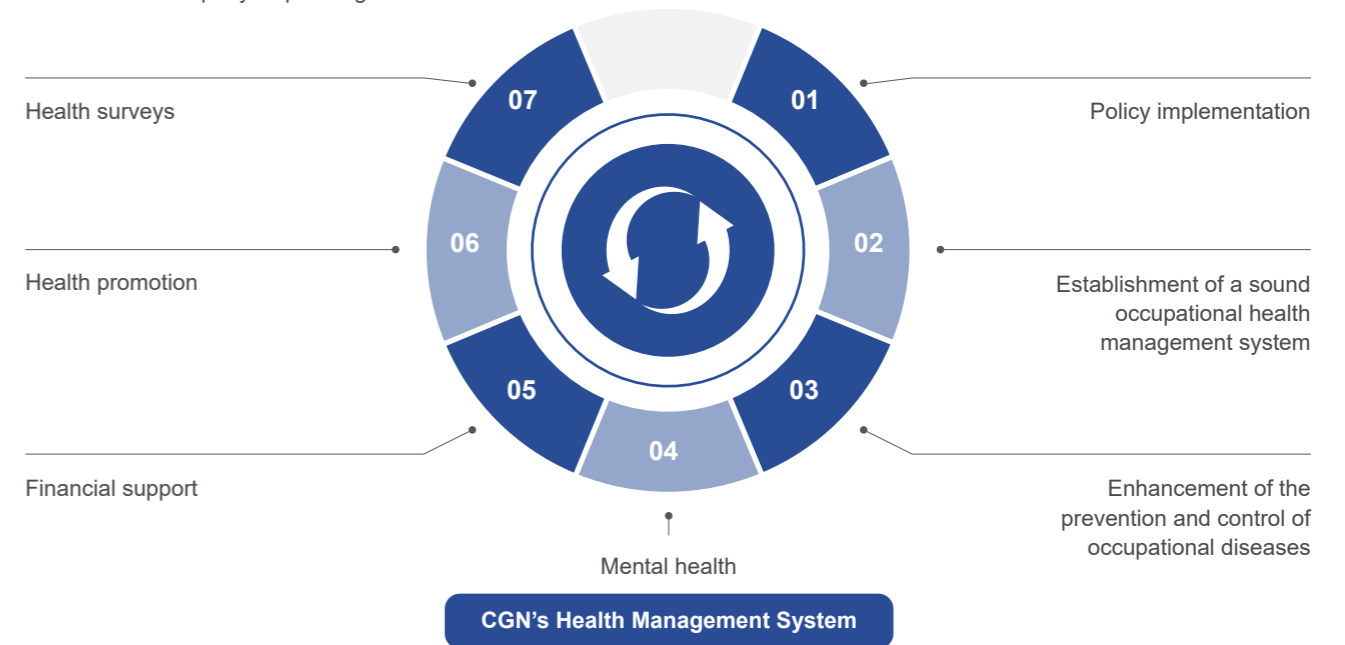
The number of contractor work-related injuries was “0”

Occupational Health and Safety

CGN Mining places great emphasis on occupational health and safety, continuously refining its management systems to protect employees from health risks and workplace hazards. The Company implements a range of preventive measures aimed at reducing exposure to occupational illnesses, while also promoting physical and mental well-being among employees. Through health education, awareness programs, and supportive workplace practices, CGN Mining is committed to fostering a safe, healthy, and positive work environment.

Occupational Health and Safety Management System

CGN Mining strictly complies with the *Law of the People’s Republic of China on the Prevention and Control of Occupational Diseases*, the *Occupational Safety and Health Ordinance of Hong Kong*, and other relevant laws and regulations. We have established policies, including the *Regulations on Occupational Health Monitoring and Management*, which cover the entire company to ensure the health and safety of our employees. We have developed a closed-loop health management system that includes identifying, preventing, controlling, and monitoring occupational hazards, relevant facilities and supplies, and health examinations of occupational hazards, providing employees with comprehensive and diversified health management protection. The Company continues to invest in occupational health by improving protective infrastructure and personal protective equipment. It has also introduced intelligent health management tools to strengthen workplace health monitoring and enhance overall safety outcomes. CGN Mining and its Invested Mines have obtained ISO 45001 certification, with coverage extending to 100% of the Company’s operating and business activities.



Occupational Health and Safety Management Initiatives

We uphold a “prevention-centered approach with coordinated treatment” in managing occupational health. Under the supervision of the Board ESG Committee and ESG Management Committee, the Safety & Assurance Department leads the implementation of health and safety efforts, aiming to reduce occupational hazards and maintain a safe, healthy work environment for all employees and contractors.

During the reporting period

the Company experienced 0 fatal accidents among employees

lost due to work-related injuries 0 days

zero cases of occupational diseases, and the coverage rate of physical examination for employees was 100%

Year	Number of Work-Related Fatalities (person)	Rate of Work-Related Fatalities (%)
2024	0	0
2023	0	0
2022	0	0

Number and Rate of Work-Related Fatalities in the Past Three Years

CGN Mining prioritizes the health and safety of all employees and contractors, remaining committed to providing a safe and healthy work environment. In 2024, the Company enhanced its occupational health management through the use of information technology and increased investment in protective measures, further strengthening efforts to prevent occupational health risks.

- Management Optimization**
 Utilize the labor protection supplies management system to optimize the processes of receiving, warehousing, distribution, and inventory counting of protective supplies.
 Leverage the occupational health monitoring system to enhance the management of occupational health check-ups, awareness of examination reports, and adaptability assessments for occupational health tasks.
- Equipment Improvement**
 Provide all employees with complete personal protective equipment and work uniforms for mining operations.
- Routine Monitoring**
 Monitor the work environment regularly, including radiation levels and the concentration of hazardous substances in work areas.
 Conduct daily health checks on workers, with special attention to employees with hypertension and drivers.
 Arrange annual medical check-ups for all employees.
- Awareness Enhancement**
 Regularly organize training and assessments on occupational safety and health, industrial safety, and radiation safety.
 Promptly update occupational safety education and health instructions.

Occupational Health Management Initiatives

Case: Introducing Automated Health Monitoring Equipment to Strengthen Employee Health and Safety

In 2024, CGN Mining introduced an advanced automated health monitoring system, which conducts daily physical assessments, blood pressure monitoring, and vision tests for employees. The data collected each day is promptly aggregated and reported to senior management, enabling the Company to identify potential health risks quickly and take targeted measures to ensure employees' health is managed scientifically and effectively. Currently, the system has been fully deployed in two mining areas, building a solid health defense line for employees' safety.



Automated Health Monitoring Equipment

We also place great emphasis on employees' mental well-being by continuously providing Employee Assistance Program (EAP) counseling services. Through mental health awareness initiatives and stress management support, we strive to create a healthy, supportive, and balanced work environment.

Case: Holding the "5.25" Employee Care Day to Help Employees Relieve Mental Stress

In 2024, CGNPC-URC hosted the "5.25" Employee Care Day series for the third consecutive year. By combining online and offline activities, the campaign provided stress relief services such as relaxation salons, sleep training camps, and shoulder and neck massages to help employees decompress and enhance well-being. Additionally, it featured a psychological carnival with engaging activities like OH card games, guiding employees to explore their inner world. This interactive approach effectively enhanced employees' mental well-being and fostered a positive and harmonious work environment.



Employee Care Day Series Activities

Case: Organizing the "Caring for Heart Health" Themed Training

In 2024, Ortalyk organized an occupational safety training and awareness campaign with the theme "Caring for Heart Health." The event invited professional medical experts and nutritionists to conduct lectures, seminars, and interactive workshops, educating employees on the causes, prevention measures, first aid knowledge, and the importance of a healthy diet related to heart diseases. Through training, employees' health literacy was enhanced, laying a foundation for building a safer and healthier working environment.



Occupational Safety Awareness Campaign



04

Caring for Employees and Growing Together

CGN Mining upholds a people-oriented approach, respecting and protecting the legitimate rights and interests of all employees while ensuring their health and well-being. The Company continues to strengthen its talent development strategy, supporting career growth and promoting shared success between employees and the organization.



■ Protecting Employees' Rights and Interests

We adhere to the *International Labor Organization Convention*, continuously improving the protection of employee rights. CGN Mining promotes equal employment, values diversity, and works to enhance its ability to attract and retain talent. At the same time, we remain attentive to employees' needs and are dedicated to fostering a respectful, inclusive, and collaborative work environment.

Compliance in Employment

CGN Mining strictly abides by the *Labor Law of the People's Republic of China*, the *Labor Contract Law of the People's Republic of China*, the *Employment Promotion Law of the People's Republic of China*, the *Special Rules on the Labor Protection of Female Employees*, the *Trade Union Law of the People's Republic of China*, the *Law of the People's Republic of China on the Protection of Minors*, the *Employment Ordinance of Hong Kong*, and the *UK Equal Opportunities Employment Policy and the Equality Act 2010*, as well as the *Measures for Employment and Labor Management of the Group*. We have also formulated our own *Labor Employment Management System* and other internal systems to define comprehensive management standards and procedures throughout the employee lifecycle, from recruitment to retirement, including labor dispatch and reemployment after retirement, ensuring standardization and rigor in employment management. We strictly prohibit the employment of child labor for production purposes and any form of forced labor or involuntary service. Should any violation occur, the Company will handle it in accordance with applicable laws and regulations while optimizing related systems and processes to prevent recurrence.

In 2024, CGN Mining experienced no incidents of illegal employment such as child labor or forced labor, and no strikes or work interruption.

CGN Mining is committed to an open and inclusive employment philosophy, implementing diversified policies that ensure equal development opportunities regardless of age, gender, marital status, ethnicity, nationality, religion, physical condition, or political belief. The Company follows six core principles in talent management: adjusting structure, leveraging strengths, addressing weaknesses, enhancing capabilities, optimizing resource utilization, and prioritizing key issues. By streamlining recruitment processes and broadening talent channels, we aim to improve job-person fit and attract a wide range of high-caliber candidates.



Case: Hosting a Specialized Russian Recruitment Event to Attract Bilingual Geology Talents

In 2024, the Human Resources Department of CGN Mining held the "Overseas Egret Talent Hunt" Russian Recruitment Event in St. Petersburg and Moscow, attracting over 150 enthusiastic Chinese students from more than ten top universities in Russia. This recruitment event not only enabled the Company to identify and reserve a group of geology professionals with bilingual proficiency for its Invested Mines but also injected new vitality into building an international talent pool as the Company progresses in its globalization efforts.



Overseas Egret Talent Hunt Recruitment Event

CGN Mining has established a labor union that plays an active role in protecting interests related to compensation, working hours, paid leave, overtime pay, occupational safety, welfare benefits, and labor rights for female employees. The union also serves as a vital link between the Company and its workforce, promoting open communication, mutual understanding, and trust.

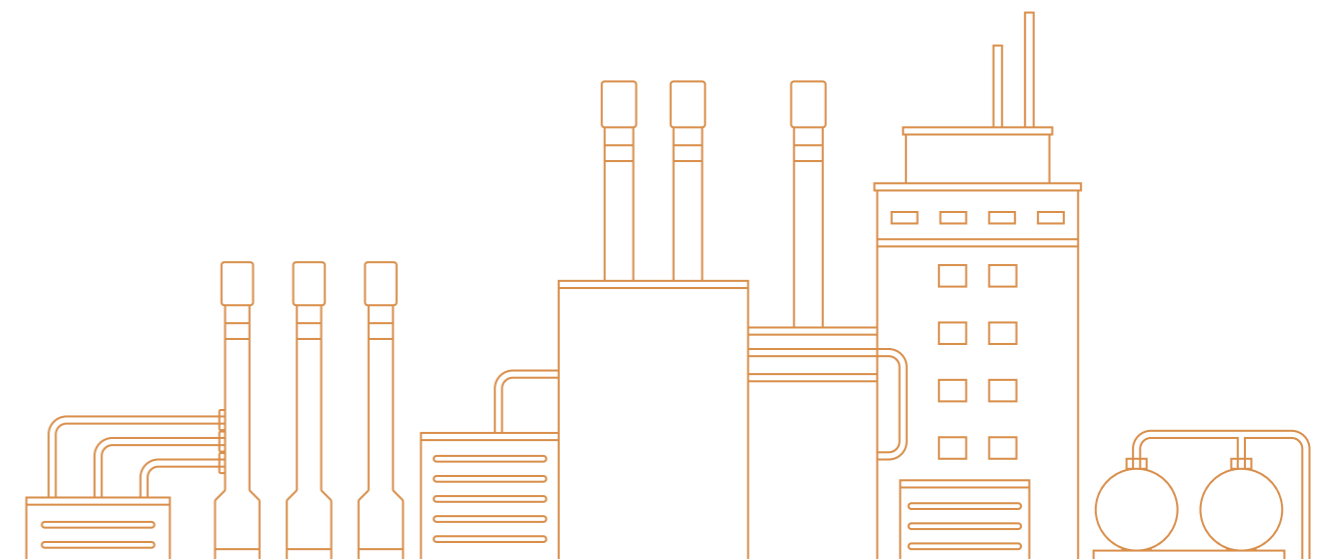
In 2024, the union membership rate of CGN Mining and its overseas entities, including Semizbay-U and Ortalyk, reached

100%

The Company adheres to the principles of the *Universal Declaration of Human Rights*, respecting and protecting internationally recognized human rights across its operations. In the reporting year, Kazatomprom introduced a new human rights policy and associated protection measures, identifying human rights as a key material issue. All Invested Mines adhere to Kazatomprom's requirements in this area. As an equity participant, CGN Mining actively monitors the implementation of these policies at its Invested Mines and conducts regular evaluations to assess progress toward human rights objectives.

Human Rights Protection Highlights:

- 100% of Semizbay-U's staff have received training on organizational human rights policies.
- Over 90% of employees in Invested Mines are locally recruited in Kazakhstan.
- Invested Mines follow Kazatomprom's Code of Ethical Conduct and anti-corruption policies, fully covering mine security personnel as subcontractors.



As of December 31, 2024, the Company's workforce by different categories is as follows:

		CGN Mining (person)	Mines (person)
The number of new employees		50	174
The number of employees		250	1,291
By gender	Male	167	1,122
	Female	83	169
By age	35 and under	128	443
	36 – 45	87	463
	46 and over	35	385
By region	Chinese mainland	227	11
	China's Hong Kong, Macao, Taiwan and overseas regions	23	0
	Kazakhstan	/	1,280
	Outside Kazakhstan	/	0
By rank	Senior management	10	50
	Middle management	26	249
	General employees	214	992
By employment type	Full-time	250	1,291
	Part-time	0	0
Employees with disabilities		0	5

Employee Communication

CGN Mining respects employees' right to participate in corporate governance and safeguards their rights to information, participation, expression, and oversight through the establishment of workers' congresses. The Company has also developed online and offline communication and feedback channels, including employee forums and the Chairman's mailbox to maintain open, transparent, and effective communication. By actively listening to employee feedback and responding in a timely manner, CGN Mining continuously works to enhance employee engagement and satisfaction. CGN Mining, along with Semizbay-U and Ortalyk, appointed dedicated staff members responsible for employee coordination, and the General Manager of CGN Mining established monthly on-site communication meetings with employees of Semizbay-U and Ortalyk.

Promoting Employee Development

CGN Mining regards talent development as the core driving force for corporate progress and success. The Company continuously optimizes incentive mechanisms and expands internal promotion channels to unlock employee potential and promote organizational stability. Additionally, we provide personalized learning resources to precisely meet the growth needs of our employees.

Employee Promotion

Guided by the philosophy of "Enterprise Growth Driven by Talent," CGN Mining has formulated the *Appointment System for Professional and Technical Positions*, which establishes clear development paths based on technical expertise, skills, and career progression. This system broadens opportunities for employees and supports long-term professional growth. The Company released the *Self-Study and Talent Development Management Regulations*, offering rewards to employees who pursue business-relevant certifications and training. Furthermore, we have established a technological talent honor system and published the *Honor System Management Regulations* and the *Researcher Management Program*. The "Pilot, Spearhead, Leader" talent incentive program continues to play a central role in motivating high-potential staff. In 2024, five new awards were added to further encourage innovation and breakthrough contributions.

To promote effective talent mobility, CGN Mining maintains transparent and accessible internal promotion channels. During the reporting period, 34 employees were promoted across various business functions.

During the reporting period, CGN Mining's employee turnover rates by category are as follows:

		CGN Mining (%)	Mines (%)
Turnover rate by gender	Male	7.73	10.74
	Female	4.60	16.75
Turnover rate by age group	35 and under	4.48	8.47
	36 – 45	10.31	13.30
	46 and over	5.41	12.90
Turnover rate by region	Chinese mainland	7.35	0
	China's Hong Kong, Macao, Taiwan and overseas regions	0	0
	Kazakhstan	/	11.67
	Outside Kazakhstan	/	11.76
Turnover rate by rank	Senior management	9.09	15.25
	Middle management	3.70	12.01
	General employees	6.96	11.27

Employee Training

We adhere to the core concept of "developing capabilities instead of training skills." This approach is grounded in three fundamental principles "authorization for induction, training for all, and lifelong education." Training is delivered through a structured cycle of "training-assessment-authorization-induction." This system is organized around three core tracks including Management, Technical, and Specialized Programs. Training content is tailored to align with the Company's strategic goals and employees' developmental needs across different roles and career stages, supporting both personal and professional growth.

Following the *Training Management System of the Group*, CGN Mining has established the *Training and Position Authorization Management System* to enhance the training management system and improve overall efficiency. In 2024, the Company delivered specialized empowerment training for expatriate management personnel from CGN Mining, Semizbay-U, and Ortalyk. It also launched the Nuclear Power Leadership Training Program for mid-level and junior managers. These initiatives have strengthened leadership capacity and contributed to the sustained development of the Company's talent pipeline.

Management Track	Technical Track	Specialized Training Programs
<ul style="list-style-type: none"> Newly appointed management personnel participate in the Group's unified "Egret Talent Development" series training to rapidly enhance management capabilities within a short period. Incumbent management personnel attend annual management training covering domestic and international trends, Group strategy, and key company tasks. 	<ul style="list-style-type: none"> Develop customized training outlines based on specific roles, tasks, and skill requirements. Technical personnel receive training according to the outline, apply for authorization after passing assessments, and take on their roles upon passing the assessment. 	<ul style="list-style-type: none"> Safety Training Internationalization Training Core Business Field Specialized Training Training for Expatriates ...

Management System for Training

Case: New Employee Training to Enhance Sense of Belonging

In 2024, CGNPC-URC launched the year-long "Egret Talent Unfolding" new employee training program to strengthen newcomers' understanding of the Company's corporate culture and strategic planning while fostering the spirit of uranium mining and a sense of mission in the nuclear fuel sector. The program adopted a "1+1+1" training model, where each new employee was paired with one digital application scenario and guided by a middle or junior management mentor to develop both foundational and digital skills. This training helped new employees become pioneers in the Company's digital transformation and supported the overall digital upgrade.



New Employee Training

Case: On-the-job Training to Improve Professional Competence

Following the "authorization for induction" system for technical positions, the Company organized on-the-job training to ensure that all technical personnel undergo rigorous training and pass evaluations before assuming their roles. By implementing strict quality control over technical authorization and regular on-the-job training inspections, we identified exemplary practices and areas for improvement, completing corrective actions effectively. In 2024, 14 departments across five areas identified a total of 57 deviations, all of which were addressed with a 100% correction rate. This process enhanced the professional skills of technical teams and strengthened the overall competitiveness of the organization.

14 departments across five areas identified a total of

57 deviations

all of which were addressed with a

100% correction rate

In 2024, CGN Mining and the mines delivered a total of 79,220 hours of training, with HK\$ 10.406 million invested in employee training. By the end of the reporting period, the training coverage rates for employees by different categories are as follows:

		CGN Mining (persons)	CGN Mining (%)	Mines (persons)	Mines (%)
Total percentage of employees trained		250	100.00	1,243	96.28
By rank	Senior management	10	4.00	25	2.01
	Middle management	26	10.40	172	13.84
	General employees	214	85.60	1,046	84.15
By gender	Male	167	66.80	1,080	86.89
	Female	83	33.20	163	13.11

During the reporting period, the average number of training hours per employee by category is as follows:

		CGN Mining (hour)	Mines (hour)
Total training hours		27,574	51,646
By rank	Senior management	96.80	246.30
	Middle management	105.60	77.20
	General employees	111.50	30.80
By gender	Male	108.60	36.60
	Female	113.70	74.50

Caring for Employees' Lives

CGN Mining has established a multi-level remuneration, performance, and benefits system, actively organizing cultural and sports activities to create a warm, harmonious, and positive working atmosphere. We are committed to enhancing employees' self-identity and sense of belonging.

Remuneration and Benefits

At CGN Mining, we strictly comply with payroll standards and state and local payroll regulations, and continuously improve our salary and performance system. We provide a compensation incentive system that includes fixed salaries and performance bonuses, covering all employees of CGN Mining and its Invested Mines.

Additionally, we offer comprehensive non-wage benefits, including pensions for employees of CGN Mining, Semizbay-U, and Ortalyk, as well as medical insurance, unemployment insurance, work injury insurance, maternity insurance, and housing provident funds. We have also established corporate annuities and supplementary commercial insurance as additional non-wage benefits. During the reporting period, the Company has contributed to social insurance for 100% of employees under labor contracts.

Employee Care Highlights:

- Invested Mines provided health checkups for female employees with a 100% coverage rate, including dedicated health examinations for women.
- Invested Mines organized activities to celebrate Women's Day and offered maternity-related leave and welfare benefits.

The Company regularly organizes festive benefits, team-building activities, and cultural or sports events to enrich employees' leisure time and foster team cohesion. To support work-life balance, flexible work-from-home arrangements are also provided where appropriate. In addition, in accordance with local laws and regulations, male employees are entitled to paid paternity and parental leave to enhance family involvement.

Employees' Activities

The Company actively organizes a variety of employee care and cultural activities, striving to enhance employees' work-life experiences, foster a sense of happiness, and build team cohesion. We ensure that employees feel the warmth and care of the CGN Mining family.

Employee Care Activities:

Organized Mid-Autumn Festival care activities for expatriate employees' families and front-line workers:



CGN Mining, Semizbay-U, and Ortalyk organized employee care activities during the Spring Festival, Dragon Boat Festival, Mid-Autumn Festival, and National Day to enhance employee satisfaction.

Employee Care Activities:



CGN Mining, Semizbay-U, and Ortalyk organized farewell ceremonies for retired employees, expressing gratitude for their years of dedication.

Case: "Dreaming Together for 18 Years, Embarking on a New Journey" Reading and Sharing Event to Celebrate the 18th Anniversary of URC

On the occasion of the 18th anniversary of URC, the Hong Kong office held a reading and sharing event titled "Dreaming Together for 18 Years, Embarking on a New Journey" to reflect on the Company's growth journey and envision future development.

Through this reading and sharing event, employees not only gained a deeper understanding of the Company's development history but also sparked innovative thinking and strengthened team cohesion. The event also enriched the Company's cultural atmosphere, laying a solid cultural foundation for sustainable development.



"Dreaming Together for 18 Years, Embarking on a New Journey" Reading and Sharing Event



05

Undertaking Responsibility, Driving Comprehensive Development

CGN Mining actively embraces its role and responsibilities as a world-leading natural uranium supplier by embedding the principles of sustainable development into all aspects of its operations. The Company is committed to delivering high-quality products and services, fostering a responsible supply chain, supporting local community development, and generating long-term social value.



Innovative Advanced Processes

CGN Mining considers technological innovation a core driver of sustainable growth. The Company continuously invests in process improvement, research, and the application of new technologies. A comprehensive intellectual property management system has been established to support innovation and protect technological advancements.

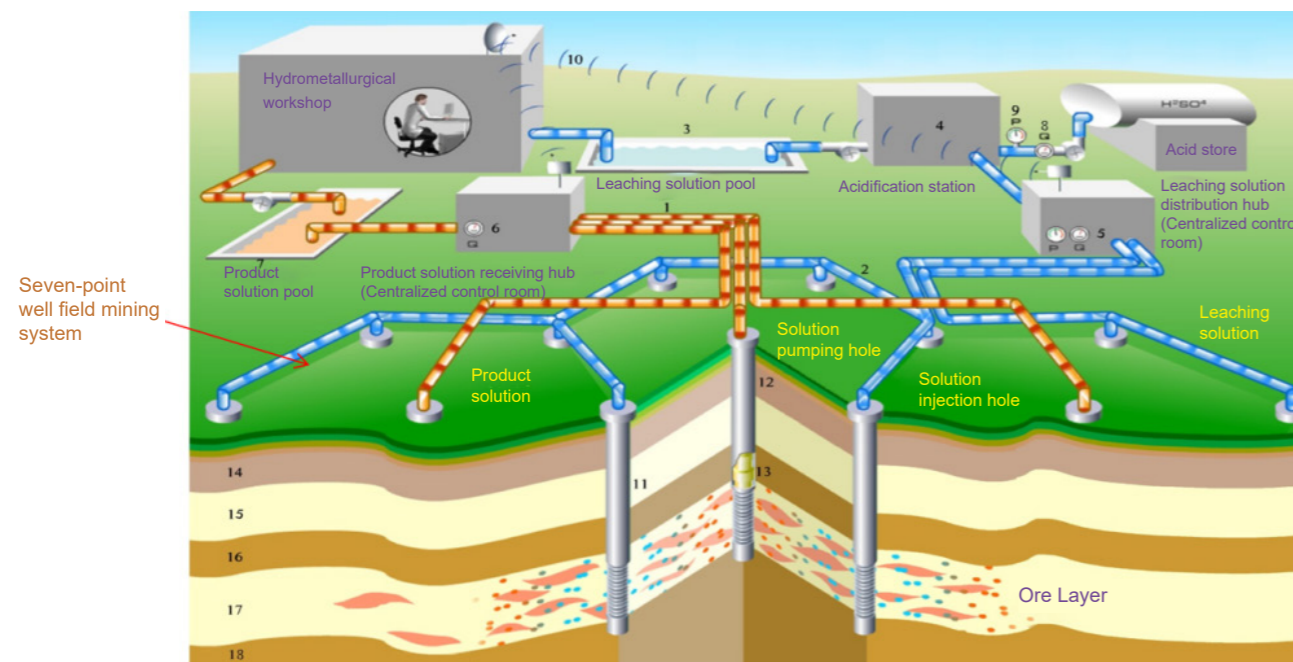
Innovative Processes

In an increasingly competitive market, innovation remains essential to long-term success. All CGN Mining Invested Mines utilize in-situ leaching uranium mining technology, a method that is both efficient and environmentally responsible. The Company continues to invest in resource development and technical upgrades to ensure high product quality and strong environmental performance. Additionally, CGN Mining's expatriate teams maintain close communication with on-site operations, leveraging data analysis and automated monitoring systems to track operational performance. These efforts support smarter production planning and improved manufacturing efficiency, helping the Company maintain a strong competitive position in the global market.

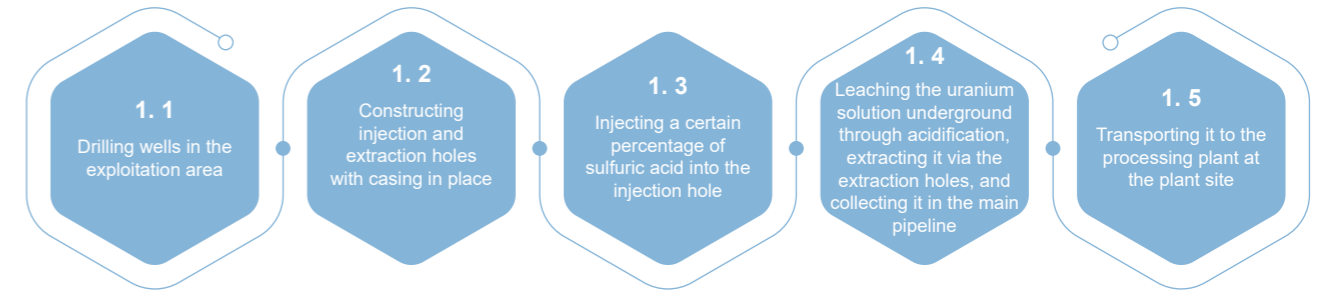
In-Situ Leaching Uranium Mining

The uranium mines in which the Company participated are all mined using the most advanced technology of in-situ leaching. In-situ leaching is an integrated technique by means of which uranium is selectively leached in situ from natural ore layers using a specific leaching solution through an extracting-injecting system, and also a special mining method that integrates mining, selection, and smelting. In-situ leaching uranium mining technology is characterized by low production costs, less infrastructure investment, high resource extraction efficiency, low environmental pollution, labor safety, and favorable conditions for radiation protection.

Different from conventional or open-pit mine production models, in-situ leaching mining processes ores in situ and does not require building shafts or stripping works, performing technical processes such as ore separation, crushing, grinding, and solid-liquid separation, or constructing tailing dam or spoilbanks. The amount of solid waste from conventional mining is 1-3 t/kgU, while that from in-situ leaching mining is no more than 1 kg/kgU, which greatly reduces the output of solid waste from the mining process. The Invested Mines further enhanced the in-situ leaching process by adding oxidizing agents, reducing the consumption of acid during the leaching process and thereby further lowering resource consumption and pollutant emissions.



Theory of In-situ Leaching Uranium Mining



Process of In-situ Leaching Uranium Mining

Dimension	In-Situ Leaching Uranium Mining Technology	Other Mining Techniques
Labor Costs	<ul style="list-style-type: none"> The process has a high degree of automation, and workers do not need to work underground. 	<ul style="list-style-type: none"> Workers need to work underground for rock drilling, blasting, managing compression, etc.
Financial Costs	<ul style="list-style-type: none"> The mining method is safe and simple, and the process is short. During the mining stage, there is no need to transport or crush ore, and during the hydrometallurgy stage, there is no need for ore grinding and solid-liquid separation. This shortens the mining and metallurgical process, resulting in lower direct production costs. It features low mine infrastructure costs, high labor productivity in mining companies, and low uranium metal recovery costs. 	<ul style="list-style-type: none"> Efforts are needed to deal with such impacts that lead to an additional cost.
Environmental Impact	<ul style="list-style-type: none"> The basic balance of injection-extraction is maintained, and the pregnant solution is circulated within a closed pipeline, significantly reducing the amount of wastewater discharged. It will not cause radioactive dust pollution. The pollution from tailings and exhaust gas can be minimized. The amount of waste from in-situ leaching mining is no more than 1 kg/kgU. 	<ul style="list-style-type: none"> Rock piles, tailing pools, polluted mine water, wastewater from concentrators, polluted air discharged from ventilation shafts have a relatively greater impact on the surrounding environment. The amount of waste from conventional mining is 1-3 t/kgU.

R&D in Technology

The Company is committed to providing advanced and reliable solutions advanced and reliable solutions for the uranium industry. By introducing cutting-edge instruments and modern experimental techniques, the Company continues to enhance its capabilities in ore composition analysis and quality testing. The adoption of next-generation sampling methods also helps minimize errors, improve resource extraction efficiency, and reduce environmental impact. At the operational level, both Semizbay-U and Ortalyk operate chemical analysis laboratories staffed by trained professionals. These labs are equipped to analyze mining and processing samples, focusing on the concentration of uranium and other chemical components. This process supports production safety and ensures the efficiency and precision of onsite operations.

Intellectual Property Rights Management

The Company strictly complies with the *Patent Law of the People's Republic of China*, the *Confidentiality Provisions on Science and Technology*, and other relevant laws and regulations to standardize the acquisition, application, and protection of intellectual property rights (IPR). CGN Mining places a strong emphasis on IPR declaration and safeguards against infringement, actively promoting technological innovation while mitigating intellectual property risks. Ortalyk, invested by the Company, encourages innovation by offering material incentives to employees and inventors who propose constructive improvements. In addition, the Company regularly conducts training sessions to raise awareness and strengthen relevant knowledge.

Protecting Customers' Rights and Interests

CGN Mining is committed to providing high-quality products and professional services while continuously improving management practices to enhance the customer experience. The protection of customer rights is regarded as a core pillar of the Company's sustainable development approach. Through robust quality management systems and responsive service, CGN Mining meets customer needs effectively and builds long-term, stable partnerships.

Quality Assurance

Product quality remains a top priority for CGN Mining. The Company strictly follows international and industry standards to ensure the delivery of safe, reliable products and services. It complies with the *ASTM C976 Standard Specification for Uranium Concentrate* and the updated *CTHAK02-2023 Technical Production Standard for Natural Uranium* by Kazatomprom. A stringent quality control system is in place to oversee production processes at Invested Mines, driving continuous quality improvement and product excellence. Both Semizbay-U and Ortalyk have obtained ISO 9001 Quality Management System Certification, as has the parent company, CGNPC-URC, which also conducts annual certification reviews. During the reporting period, CGN Mining reported no customer complaints related to product quality or service, and no product recall incidents occurred—underscoring the Company's strong quality assurance performance.

Product Quality and Safety Assurance Measures

- Sampling analysis and testing are in place before delivery according to product standards required by customers
- All uranium containers must be sealed to the fullest extent possible to avoid leaking of radioactive materials
- For delivery, the transportation vehicles must clearly mark the hazards of uranium products as a safety warning

Responsible Marketing

CGN Mining places great emphasis on transparency and accuracy in product marketing to safeguard customers' right to information and support informed decision-making. The Company strictly abides by the provisions of the *Advertising Law of the People's Republic of China*, implementing stringent regulations regarding health and safety, advertising, and labeling of products. Frontline employees are required to present truthful, complete, and clear product information, avoiding any form of exaggeration or misleading advertising. Invested Mines are also responsible for ensuring that promotional materials accurately reflect product characteristics, with all false or overstated claims strictly prohibited. Guided by the principle of integrity, CGN Mining is committed to fair market practices and the protection of customer rights.

Customer feedback is regarded as a key driver of continuous improvement. The Company maintains open communication channels with clients, actively listens to their needs, and works to enhance service quality. A comprehensive customer feedback mechanism is in place to promptly respond to concerns and implement effective corrective actions, preventing the recurrence of similar issues.

Customer Privacy

Protecting customer privacy is essential to building and maintaining business trust. CGN Mining prioritizes the security and confidentiality of customer information and strictly complies with all relevant laws and regulations, including the *Cybersecurity Law of the People's Republic of China*, the *Regulations of the People's Republic of China on Protecting the Safety of Computer Information Systems*, and the *Measures for the Administration of Network and Information Security of the Electric Power Industry*. The Company has established a unified leadership mechanism through the integration of the "Network Information Committee/Integration Committee of Informatization and Industrialization," providing robust support for the network and information security of the Company.

From a management perspective, CGN Mining enforces strict data governance through the implementation of the *Group Data Security Management Measures*, *Group Master Data Management Standard* at CGN Group level, as well as the *Data Asset Management Regulations* at the URC level. These frameworks clearly define data usage rights, maintenance protocols, and operational procedures. All customer data operations—including usage, access, and deletion—must follow standardized processes to ensure compliance and data security throughout the data lifecycle. Before launching new projects, rigorous security inspection protocols are enforced. Each project must submit server scan reports, static and dynamic security scans, and for critical systems, penetration testing reports. The Company also performs regular vulnerability scans and system audits to promptly identify and address any security gaps, ensuring continuous system resilience and the confidentiality of customer data. During the reporting period, we did not receive any complaints about customer privacy leakage and negative information security incidents.

To strengthen internal awareness, CGN Mining conducts regular confidentiality training for liaison officers across departments. Special training is also provided to employees involved in outbound business travel to reinforce data protection practices. In 2024, the Company organized two key confidentiality exams for employees in sensitive roles and facilitated participation in the "Confidentiality View" online training offered by the National Administration of State Secrets Protection. A total of 34 employees completed the program, with each spending over four hours on average in the study and successfully passing the certification exam.



■ Practicing Responsible Procurement

CGN Mining is committed to building a “safe, reliable, economical, and efficient” supply chain. We strictly comply with internal regulations set by CGNPC, including the *Company Supplier Management Regulations*, *Supplier Management Measures*, *Supplier Qualification Evaluation Process*, *Supplier Qualification Re-evaluation Process*, *Supplier Data and Status Maintenance Process*, *Suppliers’ Misconduct Management Process*, and *Supplier Evaluation and Management Measures*. The Company continues to enhance its capacity for responsible procurement by strengthening the alignment between operational needs and sustainability goals throughout the supplier ecosystem.

Supplier Management

CGN Mining values comprehensive supplier management, with clearly defined principles, roles, and procedures covering every stage of supplier engagement, from classification and selection to evaluation, elimination, and data management. We rigorously control the “introduction, qualification, utilization, and exit” stages of suppliers to ensure coordinated management and support the overall safety, reliability, and resilience of the supply chain.

Bidding



We have established relevant internal regulations and supporting implementation measures and standards, including the *Tenders Evaluation Process of the Group*, *Service Standards of the Group for Tendering Agency*, *Procedures for Receiving, Opening and Evaluating of Tenders of the Group*, and the *Management Standards of the Group for Tenders Evaluation Experts and Tenders Evaluation Database*. These regulations reinforce compliance management during the bidding process and ensure subsequent supplier access.

Admission



We have formulated internal regulations, including the *Group Contract and Order Acceptance and Performance Evaluation Process*, the *Two Zero Tolerance Violation Management Regulations*, the *Company Supplier Management Regulations*, the *Supplier Qualification Review Process*, the *Supplier Qualification Evaluation Process*, and the *Procurement Management System*. Our audit and evaluation process primarily focuses on quantitative performance indicators, supplemented by directional and qualitative indicators. We conduct comprehensive evaluations covering technology, quality, cost, delivery, service response, environmental protection, and social responsibility, ensuring the authenticity, rationality, and necessity of supplier introduction.

Daily Supervision and Evaluation



To develop strategic suppliers, cultivate key suppliers, incentivize high-performing suppliers, and improve or eliminate underperforming suppliers, we adopt a source evaluation approach to conduct supplier evaluations. Relevant departments dispatch management personnel to potential supplier locations for on-site evaluations, ensuring the authenticity and validity of the assessment. During the evaluation, assessors apply suitable evaluation strategies based on the category of supplied goods and conduct regular evaluations to maintain consistent records throughout the contract execution period. The scientific evaluation process guarantees supply chain safety and quality, fostering the sustainable development of the supply chain.

During the reporting period,

we admitted **40** suppliers, and the Invested Mines admitted **381**.

In 2024, number of Suppliers by Region

Chinese mainland

CGN Mining **8**

Mines **0**

China’s Hong Kong, Macao, Taiwan, and overseas regions

Chinese mainland **32**

Mines **381**

Supplier ESG Management

CGN Mining is committed to building a green, responsible, and sustainable supply chain, embedding ESG principles into all aspects of supplier management. Suppliers are expected to demonstrate strong performance in areas such as product quality, environmental protection, safety management, and business ethics. The Company adheres to the principles of “openness, transparency, health, and order” and follows the concept of “coordinated management, qualification management, mutual recognition, and closed-loop management.” These principles support continuous improvement and high-quality development throughout the supply chain.

During the supplier admission assessment, CGN Mining conducts comprehensive assessments covering business reputation, environmental performance, and social responsibility. Environmental certifications provided by suppliers are strictly reviewed, and by the end of the reporting period, all of the Company’s suppliers had obtained ISO system certifications. We uphold compliant and transparent procurement practices and enforce a zero-tolerance policy towards violations of business ethics and integrity. The Company enforces compliant and transparent procurement practices and adopts a zero-tolerance policy toward unethical behavior. Any supplier found to be engaging in dishonest or non-compliant practices is subject to immediate disqualification through a one-vote veto mechanism. Suppliers are required to comply with the *Two Zero Tolerance Violation Management Regulations* and the *Suppliers’ Misconduct Management Process*, and to sign the *Integrity and Compliance Agreement* with CGN Uranium Resources Co., Ltd. To ensure discipline and lawful conduct, any unethical or illegal behavior identified during business activities is promptly reported to the relevant disciplinary or regulatory authorities. Where criminal behavior is suspected, the matter is escalated to judicial authorities. During the reporting period, CGN Mining implemented new integrity contracts, requiring all cooperating suppliers to sign the agreements without exception.

Moreover, CGN Mining actively promotes green and low-carbon principles throughout its procurement practices. By strengthening oversight of key procurement stages, the Company prioritizes the responsible and efficient use of materials, prioritizing environmentally friendly raw materials and products that conserve energy, water, and other resources. Efforts are made to reduce idle inventory and material waste at the source. This includes promptly identifying the causes of surplus or unused materials, providing timely feedback, and implementing targeted improvements. Through continuous refinement of processes, CGN Mining is enhancing the efficient and standardized management of idle and waste materials, advancing its commitment to green and sustainable procurement.

Exchanges with Suppliers

CGN Mining values open communication and transparent collaboration with its suppliers, fostering strong partnerships through timely feedback and continuous engagement. Guided by the principle of “separation of technology and business”, the Company actively listens to supplier needs and maintains regular dialogue to ensure smooth contract execution and effective cooperation.

The Company adopts a collaborative approach, offering tailored training sessions based on each supplier’s operational context to help enhance their supply capabilities. Through ongoing, mutually beneficial cooperation, CGN Mining works alongside its partners to build a sustainable supply chain.



Case: 2024 CGN “Safety, Quality, and Environment Lecture Hall” Series

In 2024, the Company invited internal and external experts to deliver three online lectures as part of the “Safety, Quality, and Environment Lecture Hall” series for all suppliers. The sessions covered topics such as quality integrity risk management, comprehensive quality management knowledge including the development history of ISO 9001, quality management systems, and excellence performance. The lectures enhanced suppliers’ understanding of quality management practices, receiving positive feedback from a wide range of participants.

■ Maintaining Community Relations

CGN Mining strictly complies with local laws and regulations and actively engages with local governments, communities, and stakeholders to understand and address their needs. By leveraging its professional expertise and corporate resources, the Company is committed to giving back to society and fostering a positive, respectful, and mutually beneficial relationship with local communities.

We respect aboriginal social order, policies on aboriginal religious beliefs, culture, and traditions, as well as local policies to prevent violent conflict, and commit to refraining from activities in community conservation areas to protect local resources. Additionally, to minimize the impact of our activities on the local community, we adhere to the principle of Free, Prior, and Informed Consent (FPIC) when conducting impact assessments to safeguard the legitimate interests of our stakeholders and the long-term development of the communities.

In 2024, the Company revised the *Regulations on the Administration of External Donations*, further emphasizing compliance with local laws, regulations, and product standards. All donations must be carried out through legally recognized charitable organizations, public welfare institutions, or government agencies at the county level or above to ensure transparency and standardization. During the reporting period, in response to severe flooding in Kazakhstan—home to the Company’s overseas Invested Mines—CGN Mining promptly activated its emergency donation protocols, contributing approximately RMB 3.64 million to support local rescue and post-disaster recovery efforts. In addition, URC donated RMB 2.1 million to the Skorpion Foundation to assist with infrastructure development, educational support, and environmental protection projects in Namibia.



Donations in Kazakhstan

■ Fulfilling Social Responsibility

CGN Mining is committed to giving back to society while advancing its own development, turning its commitment into action by supporting meaningful social initiatives. The Company actively engages in a wide range of public welfare activities, with continued investment in areas such as educational support, emergency relief, and infrastructure development. In support of national rural revitalization efforts, CGN Mining focuses on strengthening the self-sustaining capacity of underdeveloped regions and communities. The Company also promotes volunteerism, organizing various employee-led initiatives. During the reporting period, 109 employees participated in volunteer activities, contributing a total of 356 hours of community service.

During the reporting period,

109 employees participated
in volunteer activities

contributing a total of

356 hours of community service



Case: Educational Support Activities for Rural Revitalization

In 2024, CGN Mining actively participated in educational support activities organized by URC, aiming to improve the educational environment for rural children and provide them with practical assistance and care.

According to the overall arrangement of the “Rainbow Plan”, the Company took part in the “Home Visit Day” activity, visiting and comforting the paired assistance child Wei Caidi and other children from Lanjin Primary School in Lingyun County, Guangxi



The Company Visited and Extended Care to Children from Lanjin Primary School



The Company Presented Children’s Day Gifts to Students at Dongping Central Primary School in Yangjiang City

On Children’s Day, the Company organized the “Colorful Chalk” educational support activity and delivered holiday gifts and blessings to the children at the Cai Yuanpei Teaching Point of Dongping Subdistrict Central Primary School, the designated assistance unit.

The Company carried out the “2024 Rural Revitalization Scholarship and Teaching Support Activity” in Heya Village, Wensu County, Xinjiang, to enhance local educational facilities, create a positive learning environment, and inspire students’ enthusiasm for learning.



The Company Carried out Educational Support Activities in Heya Village, Wensu County, Xinjiang



Case: Addressing Employment Issues for Left-Behind Villagers in Wabei Village

To address the employment challenges faced by left-behind villagers in Wabei Village, CGN Mining, following the call of the parent company, participated in assisting Wabei Village-operated enterprises to join the Group's supplier database. Together with Yangjiang Nuclear Power Co., Ltd., the Company offered seven cleaning positions through the signing of a labor subcontract agreement, effectively solving the employment problem for some villagers. This initiative increased the village's collective annual income by approximately RMB 420,000. Meanwhile, the Company continues to explore further cooperation projects with Wabei Village-operated enterprises.



The Company Learned from the Key Documents and Meeting Spirit of the "Hundred, Thousand, and Ten Thousand Project" to Enhance Rural Revitalization



Case: Promoting Agricultural Product Procurement to Aid Farmers

CGN Mining actively implemented the "Consumption Assistance" policy by participating in agricultural product procurement activities organized by URC. Through channels such as labor union welfare, internal canteens, and conference receptions, the Company directly procured agricultural products to be used as holiday gifts and public relations souvenirs. The total procurement amounted to RMB 239,900, fulfilling social assistance responsibilities in a practical way.



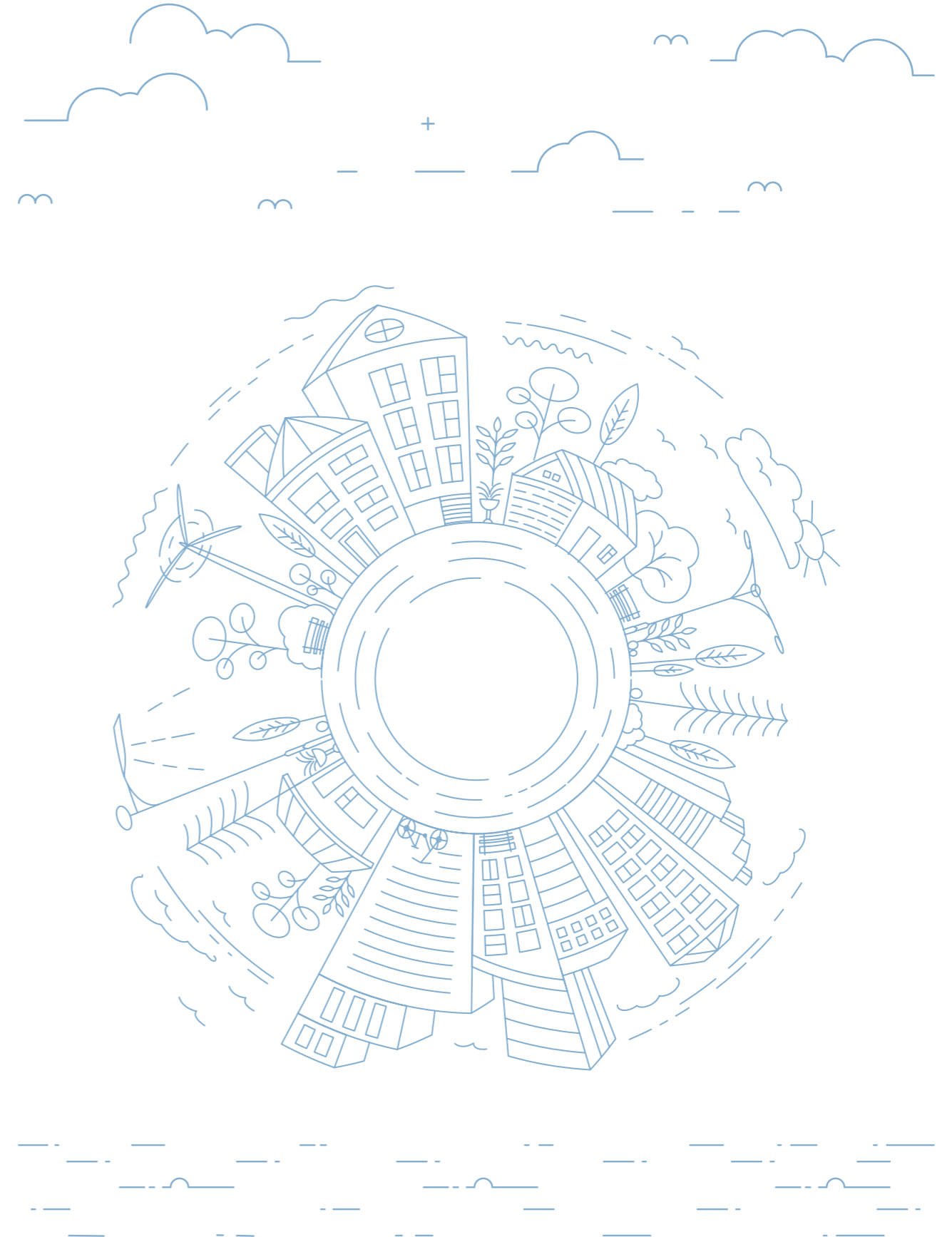
Case: Cultural Support Volunteer Activities for the Visually Impaired

The Company participated in the cultural support series of volunteer activities for the visually impaired organized by URC. On March 5th, Learn from Lei Feng Day, volunteers visited the Beijing School for the Blind to conduct poetry reading activities. During the Qingming Festival, volunteers visited the school twice to explain classical Chinese poetry to students of different grades. These activities not only delivered knowledge and culture but also brought care and hope to visually impaired children, demonstrating the Company's commitment to social responsibility.



On-site Photos from Cultural Support Volunteer Activities for the Visually Impaired

CGN Mining upholds the corporate mission of "Supporting Those in Need" and remains committed to advancing social well-being and shared prosperity. The Company recognizes that its growth is closely tied to the support of the country and broader society. With a deep sense of gratitude, CGN Mining takes meaningful action to contribute to public welfare and give back to the community, making every effort to forge a new future for the Company's philanthropic endeavors.



HKEX ESG Index

Subject Areas, Aspects, General Disclosures and KPIs		Location
A statement issued by the Board of Directors containing the following: A disclosure of the board's oversight of ESG issues The board's ESG management approach and strategy, including the process used to evaluate, prioritise and manage material ESG-related issues (including risks to the issuer's businesses); How the board reviews progress made against ESG-related goals and targets with an explanation of how they relate to the issuer's businesses		P8
Describe or explain how the reporting principles (materiality, quantification, consistency) are applied in the preparation of the environmental, social, and governance (ESG) report.		P2
A narrative explaining the reporting boundaries of the ESG report and describing the process used to identify which entities or operations are included in the ESG report. If there is a change in the scope, the issuer should explain the difference and reason for the change.		P2
General Disclosure	Regarding air emissions and greenhouse gas emissions, discharge into water and land, and generation of hazardous and non-hazardous waste, including (a) Policies; and (b) Information on compliance with relevant laws and regulations significantly affecting the issuer.	P33-36
A1.1	The types of emissions and respective emissions data.	P33-36
A1.3	Total hazardous waste (in tonnes) and, where appropriate, intensity (e.g., per unit of production volume, per facility).	P36
A1.4	Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	P36
A1.5	Description of emissions target(s) set and steps taken to achieve them.	P36
A1.6	Description of the methods used to treat hazardous and non-hazardous waste, and describe the waste reduction targets set and the steps taken to achieve them.	P36
General Disclosure	Policies on efficient use of resources (including energy, water, and other raw materials).	P37-38
A2.1	Direct and/or indirect energy consumption by type (e.g. electricity, gas or oil) in total (kWh in' 000s) and intensity (e.g. per unit of production volume, per facility).	P37-38
A2.2	Water consumption in total and intensity (e.g. per unit of production volume, per facility).	P38
A2.3	Description of energy use efficiency target(s) set and steps taken to achieve them.	P37-38
A2.4	Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency target(s) set and steps taken to achieve them.	P38
A2.5	Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced.	NA
General Disclosure	Policies to reduce significant impacts of the issuer's activities on the environment and natural resources.	P39-40
A3.1	Description of the significant impact of business activities on the environment and natural resources and the actions taken to manage them.	P39-40
General Disclosure	General Disclosure: Policies on remuneration and dismissal, recruitment and promotion, working hours, holidays, equal opportunity, diversity, anti-discrimination, and other treatments and benefits, including: (a) Policies; and (b) Information on compliance with relevant laws and regulations significantly affecting the issuer.	P55-58
B1.1	Total workforce by gender, employment type (for example, full- or parttime), age group and geographical region.	P57

Subject Areas, Aspects, General Disclosures and KPIs		Location
B1.2	Employee turnover rate by gender, age group and geographical region	P58
General Disclosure	Policies on providing a safe working environment and ensuring employees are protected from occupational hazards, including: (a) Policies; and (b) Information on compliance with relevant laws and regulations significantly affecting the issuer.	P47-50
B2.1	Number and rate of work-related fatalities occurred in each of the past three years including the reporting year	P51
B2.2	Lost days due to work injury	P50
B2.3	Description of occupational health and safety measures adopted, and how they are implemented and monitored	P50-52
General Disclosure	Policies on improving employees' knowledge and skills in performing job duties. Description of training activities.	P58-60
B3.1	The percentage of employees trained by gender and employee category (e.g. senior management, middle management).	P60
B3.2	The average training hours completed per employee by gender and employee category.	P60
General Disclosure	Policies to prevent child labor or forced labor, including: (a) Policies; and (b) Information on compliance with relevant laws and regulations significantly affecting the issuer.	P55
B4.1	Description of measures to review employment practices to avoid child and forced labour.	P55
B4.2	Description of steps taken to eliminate such practices when discovered.	P55
General Disclosure	Policies on managing environmental and social risks in the supply chain.	P69-71
B5.1	Number of suppliers by geographical region.	P70
B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, and how they are implemented and monitored.	P69-70
B5.3	Description of practices used to identify environmental and social risks along the supply chain, and how they are implemented and monitored.	P69-70
B5.4	Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored.	P70
General Disclosure	Policies on product and service health and safety, advertising, labeling, privacy, and remedial measures, including:(a) Policies; and (b) Information on compliance with relevant laws and regulations significantly affecting the issuer.	P67-68
B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.	P67-68
B6.2	Number of products and service related complaints received and how they are dealt with.	P67-68
B6.3	Description of practices relating to observing and protecting intellectual property rights.	P67-68
B6.4	Description of quality assurance process and recall procedures.	P67-68
B6.5	Description of consumer data protection and privacy policies, and how they are implemented and monitored.	P67-68
General Disclosure	Policies on preventing bribery, extortion, fraud, and money laundering, including: (a) Policies; and (b) Information on compliance with relevant laws and regulations significantly affecting the issuer.	P28-29
B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases.	P28
B7.2	Description of preventive measures and whistle-blowing procedures, and how they are implemented and monitored.	P28-29
B7.3	Description of anti-corruption training provided to directors and staff.	P28-29
General Disclosure	General Disclosure: Policies on engaging with the community to understand the needs of the community where operations are located and ensure that business activities consider community interests.	P71
B8.1	Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture, sports).	P71-73
B8.2	Resources contributed (e.g. money or time) to the focus area.	P71-73

Climate-related Disclosures	Governance	Governance	P41
	Strategy	Climate-related risks and opportunities	P42-43
		Business model and value chain	P42-43
		Strategy and decision-making	P42-43
		Climate resilience	P42-43
		Financial position, performance, and cash flow	P42-43
	Risk Management	Risk Management	P44
	Indicators and Goals	Greenhouse gas emissions	P44
		Climate-related transition risks	P42-43
		Climate-related physical risks	P42-43
Climate-related opportunities		P42-43	
Climate-related goals		P44	

UNGC and SDGs Indices

UNGC Index

We support the Ten Principles of the United Nations Global Compact (UNGC) and disclose our endeavors in implementing them in this Report.

Principle	Disclosure in the Report
Human Rights	
Principle 1: Businesses should support and respect the protection of internationally proclaimed human rights; and	Caring for Employee and Growing Together
Principle 2: make sure that they are not complicit in human rights abuses.	Caring for Employee and Growing Together
Labor	
Principle 3: Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining;	Caring for Employee and Growing Together
Principle 4: the elimination of all forms of forced and compulsory labor;	Caring for Employee and Growing Together
Principle 5: the effective abolition of child labor; and	Caring for Employee and Growing Together
Principle 6: the elimination of discrimination in respect of employment and occupation.	Caring for Employee and Growing Together
Environment	
Principle 7: Businesses should support a precautionary approach to environmental challenges;	Ecological Protection, Green Development
Principle 8: undertake initiatives to promote greater environmental responsibility; and	Ecological Protection, Green Development
Principle 9: encourage the development and diffusion of environmentally friendly technologies.	Ecological Protection, Green Development Undertaking Responsibility, Driving Comprehensive Development
Anti-Corruption	
Principle 10: Businesses should work against corruption in all its forms, including extortion and bribery.	Responsible Governance, Healthy Development

SDGs Index

United Nations Sustainable Development Goals (SDGs)	Disclosure in the Report
	Actively fulfilling corporate social responsibility and continuously promoting public welfare in various fields such as rural revitalization.
	
	Conducting mental health lectures, occupational health and safety training, and organizing physical examinations for female workers.
	Continuously increasing investment in education assistance to improve the educational environment for rural children and provide practical help and care.
	Implementing a diversified employment policy to ensure equal development opportunities for employees of different ages, genders, marital statuses, ethnicities, nationalities, religions, physical conditions, and political positions.
	Reducing the impact of wastewater discharge through wastewater treatment and reuse, minimizing the consumption of fresh water. Increasing the use of clean energy by installing solar power generation facilities, optimizing production processes, and implementing green office practices, while reducing the consumption of non-renewable energy sources.
	

United Nations Sustainable Development Goals (SDGs)	Disclosure in the Report
	<p>Improving the remuneration and performance structure and building a sound security and welfare system.</p> <p>Establishing channels for communication, grievance, and whistleblowing to maintain two-way communication with employees.</p> <p>Adhering to the principle of “enterprise development driven by talent” to establish a comprehensive training system.</p> <p>Committed to creating a fair and impartial employment environment and a safe and healthy work environment for employees.</p>
	<p>Optimizing the innovation management system and strengthening IPR management.</p>
	<p>Strengthening the requirements on labor rights for suppliers.</p>
	<p>Recruiting talented people from various fields through diversified recruitment channels.</p> <p>Developing the <i>Labor Employment Management System</i> and the <i>Two Zero Tolerance Violation Management Regulations</i> to protect the legitimate rights and interests of employees, those employed in the supply chain, the community, and other stakeholders.</p>
	<p>Ensuring strict management of wastewater, exhaust gas, and waste to achieve 100% compliance with discharge standards and reduce environmental impact.</p> <p>Strengthening energy management and water resource management to reduce resource consumption in operational activities.</p>
	<p>Actively identifying and responding to climate-related risks.</p> <p>Increasing the proportion of clean energy utilization and reducing fossil energy consumption.</p>
	<p>Developing targeted soil and water conservation and ecological protection plans according to the specific circumstances of different projects.</p>
	<p>Comprehensively Implementing the environmental protection “three simultaneous” system, integrating environmental protection throughout project construction, and strictly controlling the potential negative impact of operational activities on the surrounding environment.</p>

United Nations Sustainable Development Goals (SDGs)	Disclosure in the Report
	<p>Improving corporate governance and strengthening risk control mechanisms to enhance corporate governance standards.</p> <p>Upholding business ethics and continuously promoting a culture of integrity.</p>
	<p>Actively engaging with stakeholders and establishing long-term, trust-based cooperative relationships with all relevant parties.</p>

ESG Performance Indicators

Environmental Performance

Indicator	Unit	2024		2023	
		CGN Mining	Mines	CGN Mining	Mines
Comprehensive energy consumption ¹	MWh	706.53	136,166.93	620.90	120,206.45
Comprehensive energy consumption intensity ²	MWh/employee	2.67	105.47	2.44	94.35
Direct energy consumption ³	MWh	NA	20,289.27	NA	14,362.84
Indirect energy consumption ⁴	MWh	706.53	114,821.02	620.90	104,919.51
Photovoltaic power generation	MWh	NA	1,056.64	NA	924.10
Total water consumption	tonne	1,871.00	391,907.06	1,294.00	400,876.42
Water consumption intensity	tonne/employee	7.06	303.57	5.09	314.66
Fresh water consumption	tonne	1,871.00	387,509.00	1,294.00	371,841.00
Recycled water consumption	tonne	NA	4,398.06	NA	29,035.42
Product water consumption	tonne	NA	0.96	NA	/
Non-hazardous waste	tonne	141.50	2,243.20	116.46	2,122.73
Discharge intensity of non-hazardous waste	tonne/employee	0.57	1.74	0.46	1.67
Total amount of hazardous waste ⁵	tonne	NA	78.62	NA	6,663.54
Discharge intensity of hazardous waste	tonne/employee	NA	0.06	NA	5.23
Drill cuttings	tonne	NA	13,880.37	NA	/
Volume of low release waste	tonne	NA	201.17	NA	/
NO _x	kg	NA	6,603.13	NA	7,621.80
SO _x	kg	NA	4,696.53	NA	5,966.90
Particulate matter (PM)	kg	NA	8,414.51	NA	4,324.00
Total GHG emissions ⁶	tCO ₂ e	430.14	75,282.18	354.10	67,679.20

Indicator	Unit	2024		2023	
		CGN Mining	Mines	CGN Mining	Mines
Scope 1 GHG emissions	tCO ₂ e	NA	5,383.74	NA	3,808.40
Scope 2 GHG emissions	tCO ₂ e	430.14	69,898.44	354.10	63,870.80
HG emissions intensity	tCO ₂ e/employee	1.72	58.31	1.39	53.12
Natural uranium production of the Company	tU	NA	2,703	NA	2,605
Power generation using natural uranium of the Company	100,000,000 kWh	NA	1,078	NA	1,039
Dust reduction by using natural uranium of the Company	10,000 tonnes	NA	4.25	NA	4.10
NO _x reduction by using natural uranium of the Company	10,000 tonnes	NA	16.71	NA	16.10
CO ₂ reduction by using natural uranium of the Company	10,000 tonnes	NA	7,374	NA	7,107
Artificial afforestation by using natural uranium of the Company	10,000 hectares	NA	19.9	NA	19.2

¹ Total energy consumption = direct energy consumption + indirect energy consumption + photovoltaic power generation.

² The 2023 data have been revised accordingly.

³ Direct energy consumption primarily includes diesel and gasoline used by dedicated mining equipment (such as air compressors), boiler houses, and various vehicles at the Invested Mines.

⁴ Indirect energy consumption primarily includes purchased electricity used for the Company's daily operations, as well as mining and processing activities at the Invested Mines.

⁵ In 2023, drilling cuttings and low-level radioactive waste were included in the hazardous waste category. These two types of waste have been disclosed separately in 2024.

⁶ The 2023 scope1 and scope2 data have been retrospectively updated based on IPCC emission factors Kazakhstan's electricity emission factor of 0.6088 tCO₂e/MWh.

Social Performance

Indicator	Unit	2024		2023		
		CGN Mining	Mines	CGN Mining	Mines	
Total workforce	person	250	1,291	254	1,274	
Total number of new employees	person	50	174	35	225	
Total number of employees with disabilities	person	0	5	0	3	
Number of employees by employment type	Full-time	250	1,291	254	1,274	
	Part-time	0	0	0	0	
Number of employees by gender	Male	167	1,122	170	1,104	
	Female	83	169	84	170	
Number of employees by age	35 and under	128	443	134	326	
	36-45	87	463	85	506	
	46 and over	35	385	35	442	
Number of employees by region	Chinese mainland	227	11	237	/	
	Hong Kong, Macao, Taiwan, and overseas regions	23	0	17	/	
	Kazakhstan	/	1,280	/	1,271	
	Outside Kazakhstan	/	0	/	3	
Number of employees by rank	Senior management	10	50	8	7	
	Middle management	26	249	23	274	
	General employees	214	992	223	993	
Percentage of female employees	%	33.20	13.10	33.07	13.30	
Employee turnover rate	%	6.72	11.58	6.96	7.01	
Employee turnover rate by gender	Male	%	7.73	10.74	8.60	6.84
	Female	%	4.60	16.75	3.45	8.11
Employee turnover rate by region	Chinese mainland	%	7.35	0	7.42	/
	Hong Kong, Macao, Taiwan, and overseas regions	%	0	0	0	/
	Kazakhstan	%	/	11.67	/	7.02
	Outside Kazakhstan	%	/	11.76	/	0

Indicator	Unit	2024		2023		
		CGN Mining	Mines	CGN Mining	Mines	
Employee turnover rate by age	35 and under	%	4.48	8.47	4.96	10.44
	36-45	%	10.31	13.30	10.53	5.77
	46 and over	%	5.41	12.90	5.41	5.76
Employee turnover rate by rank	Senior management	%	9.09	15.25	20.00	41.67
	Middle management	%	3.70	12.01	11.54	9.57
	General employees	%	6.96	11.27	5.91	5.88
Investment in employee training	HK\$10,000	328.40	712.20	344.38	777.50	
Number of employees trained	person	250	1,243	254	1,274	
Total hours of employee training	hour	27,574	51,646	34,261	77,184	
Training by rank	Members of senior management trained	person	10	25	8	7
	Members of middle management trained	person	26	172	23	274
	General employees trained	person	214	1,046	223	993
	Percentage of members of senior management trained	%	4.00	2.01	3.15	0.55
	Percentage of members of middle management trained	%	10.40	13.84	9.06	21.51
	Percentage of general employees trained	%	85.60	84.15	87.80	77.94
	Average hours of training completed per member of senior management	hour	96.80	246.30	154.25	107.71
	Average hours of training completed per member of middle management	hour	105.60	77.20	104.74	63.04
	Average hours of training completed per general employee	hour	111.50	30.80	137.30	59.58

Indicator		Unit	2024		2023	
			CGN Mining	Mines	CGN Mining	Mines
Training by gender	Male employees trained	person	167	1,080	170	1,104
	Female employees trained	person	83	163	84	170
	Percentage of male employees trained	%	66.80	86.89	66.93	86.66
	Percentage of female employees trained	%	33.20	13.11	33.07	13.34
	Average hours of training completed per male employee	hour	108.60	36.60	146.00	62.25
	Average hours of training completed per female employee	hour	113.70	74.50	112.40	49.78

Community Inputs

Indicator	Unit	2024		2023	
		CGN Mining	Mines	CGN Mining	Mines
Total investments in public welfare and charity	HK\$10,000	/	/	/	/
Total hours of public welfare undertakings by employees	hour	356	/	623	/

Safety Production Data

Indicator	Unit	2024		2023	
		CGN Mining	Mines	CGN Mining	Mines
Work-related fatalities	person	0	0	0	0
Lost days due to work injury	day	0	0	0	0
Cases of strikes or work disruption	case	0	0	0	0

Supply Chain Data

Indicator		Unit	2024		2023	
			CGN Mining	Mines	CGN Mining	Mines
Number of suppliers	Total	organization	40	381	65	451
	Chinese mainland	organization	8	/	11	/
	Kazakhstan	organization	2	381	2	451
	Hong Kong, Macao, Taiwan, and other overseas regions	organization	30	/	52	/

Reader's Feedback

Dear reader,

Greetings! It is much appreciated for you to spend time in reading the *CGN Mining 2024 Environmental, Social and Governance Report*. We value and look forward to hearing your feedback on CGN Mining's ESG management, practices, and reporting. For our better ESG management, we kindly request you to complete the questions in the feedback form and send it back to us via one of the following ways.

Address: Room 1903, 19/F, China Resources Building, 26 Harbour Road, Wanchai, Hong Kong

Telephone: +852 3150 6788

E-mail: cgnmc.hk@pordahavas.com

Your Information

Name: _____

Organization: _____

Title: _____

Telephone: _____

Fax: _____

E-mail: _____

Feedback

1. Your overall evaluation of this report is

Very Good Good Average Poor Very Poor

2. Do you think that this report reflects the significant economic, social, and environmental impacts of CGN Mining?

Very High High Average Low Very Low

3. How clear, accurate and complete do you think the information, data and indicators disclosed in this report are?

Very Good Good Average Poor Very Poor No Idea

4. Which aspect of this report are you most satisfied with? _____

5. What information would you like to know more about? _____

6. What other suggestions do you have for us to publish future reports? _____



CGN Mining Company Limited

(Incorporated in the Cayman Islands with limited liability)

(Stock Code: 01164)