



Sinoma 中国中材国际工程股份有限公司
SINOMA INTERNATIONAL ENGINEERING CO., LTD.



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Promote green and
intelligent development
To serve a better world

2024
Environmental, Social,
and Governance Report

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About this report

Reporting entity

The reporting entity is Sinoma International Engineering Co., Ltd. (stock code: 600970) and its affiliated enterprises. In this report, for ease of expression and reading, “Sinoma International Engineering Co., Ltd.” is abbreviated by “Sinoma International”, “the Company”, and “we”, and “China National Building Material Group Co., Ltd.” is represented by “the Group”.

Reporting scope

The scope of this report is consistent with the scope of the annual financial disclosure. Unless otherwise stated, this report covers the environmental, social, and governance performance of Sinoma International Engineering Co., Ltd. and its affiliated enterprises during the period from January 1 to December 31, 2024. Given the continuity and comparability, certain contents of this report may be extended as necessary.

Information sources

The information and data in the report are derived from the Company's official documents or internal statistics. The historical data cited is final statistical data. In case of any discrepancy between the financial data and the annual report, the annual report shall prevail. Unless otherwise stated, all amounts of currency involved in this report are denominated in Renminbi (“RMB”).

Reporting language

This report is published in both Chinese and English. In case of any inconsistency between the Chinese and English versions, the Chinese version shall prevail.

Reference standards

UN Sustainable Development Goals 2030 (SDGs)

Sustainability Reporting Standards of Global Reporting Initiative

Guidelines on Corporate Social Responsibility Reporting for Chinese Enterprises (CASS-ESG 6.0) issued by the Chinese Academy of Social Sciences

Reference Indicator System for the ESG Special Report of Listed Companies Controlled by Central Enterprises issued by the State-owned Assets Supervision and Administration Commission (SASAC) of the State Council

Guidelines No. 14 of the Shanghai Stock Exchange for Self-regulation of Listed Companies — Sustainability Report (Trial)

Recommendations of the Task Force on Climate-related Financial Disclosures (“TCFD”)

Chairman's speech



“
Pioneering a new chapter for the enterprise through sustainable development, serving a better world with green intelligence.
”

2024 is a key year for fully implementing the spirit of the 20th National Congress and the third plenary session of the 20th Central Committee of the Communist Party of China, and achieving the goals and tasks of the 14th Five-Year Plan. 2024 is also an important year for Sinoma International to make steady progress and achieve success in difficulties.

In this year, we held high the banner, united our spirits and souls, achieved remarkable results in reform and innovation, propelling high-quality development to a new level. The newly signed contracts for the year amounted to RMB 63.4 billion, setting a new record; the newly signed overseas contracts amounted to RMB 36.2 billion, with a year-on-year increase of 9%, and the operating indicators, such as operating income and total profit, maintained growth against the trend. In this year, we worked hard and lived up to our mission. We achieved a good result in the list of ENR's "Top 250 International Contractors", ranking 43rd among global companies and 10th among Chinese companies, won the "Gold Prize of Round Table" of the board of directors of Chinese listed companies for 11 times. We were selected into the 18th "Growth 100 of Chinese Listed Companies", and was awarded as a Chinese building materials engineering brand enterprise. In this year, we successfully held the 2nd Sinoma Cement Green & Intelligence Summit with significant transformation and upgrading. Its global brand influence has further increased; and the establishment of overseas service centers in Saudi Arabia and Indonesia have been accelerated. The orders of overseas and non-cement projects have increased significantly, enhancing the overseas layout. With solid and substantial performance and results, we have delivered an excellent performance report to the owners, shareholders, investors and employees.

We use "green intelligence" as our brush, we sketch the magnificent landscape of "lush mountains and splendid rivers, striving for perfection.

With the mission of "promoting green and intelligent development and serving a better world" in mind, Sinoma International takes "high-end, intelligent, and green" as the development direction, and strives unremittingly to achieve the ambitious goal of "world-class service provider in the material industry". In 2024, we successfully launched the world's first demonstration application of cement oxygen-fuel combustion coupled with carbon capture technology. The pilot test of new low-carbon cement equipment completed pilot production, and the product system of intelligent factories achieved comprehensive implementation. A batch of green low-carbon, solid waste recycling, large-scale alternative fuel technology equipment was applied in overseas projects such as Egypt, Saudi Arabia, and Poland. Driven by innovation and guided by green principles, we contribute more wisdom and strength to the sustainable development of the global materials industry.

We have vigorously built new businesses, new models, and new driving forces, and actively created comprehensive solutions for overseas strategic mineral resources. We have shaped a green energy, alternative fuel business system and specialized brand with outstanding advantages and focused capabilities, providing deep services for the global industries. Relying on "green factories" and "green mines", we have promoted efficient use of resources and recycling of waste. Our operation service contract increased by 27% year-on-year. We have successfully established a new batch of world-leading green and intelligent demonstration factories in Ethiopia, the Philippines, and Dominica, embodying the principle that "lucid waters and lush mountains are invaluable assets.

We use "corporate responsibility" as our ink to paint a harmonious tableau of "symbiosis and mutual flourishing, with hearts and minds interconnected."

Sinoma International has always adhered to a people-oriented approach, continuously strengthening team building and fostering a culture of collaboration and innovation. We have continued to improve the assessment mechanism, and deepened the reform of the three institutional systems, improved the market-based selection and employment and incentive and constraint mechanisms, and successfully won the approval of the Group's first scientific and technological achievements transformation incentives. The Group's cash-based

medium- and long-term incentive tools were applied in all scenarios, and a variety of incentive tools were flexibly applied according to the enterprise's policy, which strongly stimulated the Company's development momentum, so that strivers can share the fruits of development and doers can win the future.

As one of the first central enterprises to expand overseas, Sinoma International has consistently led the way in implementing "The Belt and Road Initiative" with determination, contributing to the vision of a shared future for mankind. We build our business on a foundation of responsibility and cooperation, fostering growth and opportunity across diverse regions. From participating in infrastructure construction to dedicating ourselves to public welfare and charity, from supporting community services to promoting education development, we demonstrate our commitment through actions, touch hearts with sincerity, and ensure that communities along the routes share in the benefits of development. We have overcome challenges and celebrated successes, making our overseas journey a remarkable story of perseverance and achievement. Countless Sinoma International people have worked hard on foreign lands, and engraved their youth in the magnificent picture of overseas business. From the vast Gobi Desert to the lofty plateau, from the shores of the Red Sea to the countries of the Thousand Islands, we have built a bridge of cultural blending with practical actions, and established closer people-to-people ties with dedication and commitment.

Looking back, we have overcome countless challenges; looking ahead, we see a future full of opportunities and growth.

As we look forward to 2025, we will move forward together, driven by green development, innovation, and a strong sense of responsibility. We will collaborate to establish a leading example for the industry, charting a clear and actionable path for sustainable development. We will contribute Chinese wisdom to global green development, playing a key role in advancing sustainable social development.

Chairman, Sinoma International

About Sinoma International

Company profile

Sinoma International Engineering Co., Ltd. (hereinafter referred to as 'Sinoma International') is a key enterprise in the engineering, technical, and service sectors, as well as in international business. It operates under the China National Building Material Group Co., Ltd., a Fortune Global 500 company. It is also the world's leading service provider for cement technology, equipment and engineering system integration, a national technological innovation demonstration enterprise, a single champion demonstration enterprise in the manufacturing industry, a demonstration enterprise for national intellectual property, and a winner of the China Grand Awards for Industry.

In 2001, Sinoma International was established by integrating high-quality assets of the national cement technology and equipment engineering business. In 2005, it was listed on the Shanghai Stock Exchange (600970.SH). Through technology import, assimilation, and independent innovation, the Company has successively developed and built a series of production lines ranging from China's first 1,000 tpd production line to the world's largest 14,000 tpd production line, and made major breakthroughs that enabled China's transformation from an importer of complete sets of key equipment to full localization and then to an exporter of complete sets, thus making great contributions to China's infrastructure construction and economic development. The company offers a complete industrial chain and system solutions, covering mining services, cement engineering R&D, design, equipment manufacturing, construction, installation, commissioning, and production line maintenance and operation management. It is the only enterprise in the international cement technology and equipment engineering market with a fully integrated industrial chain.

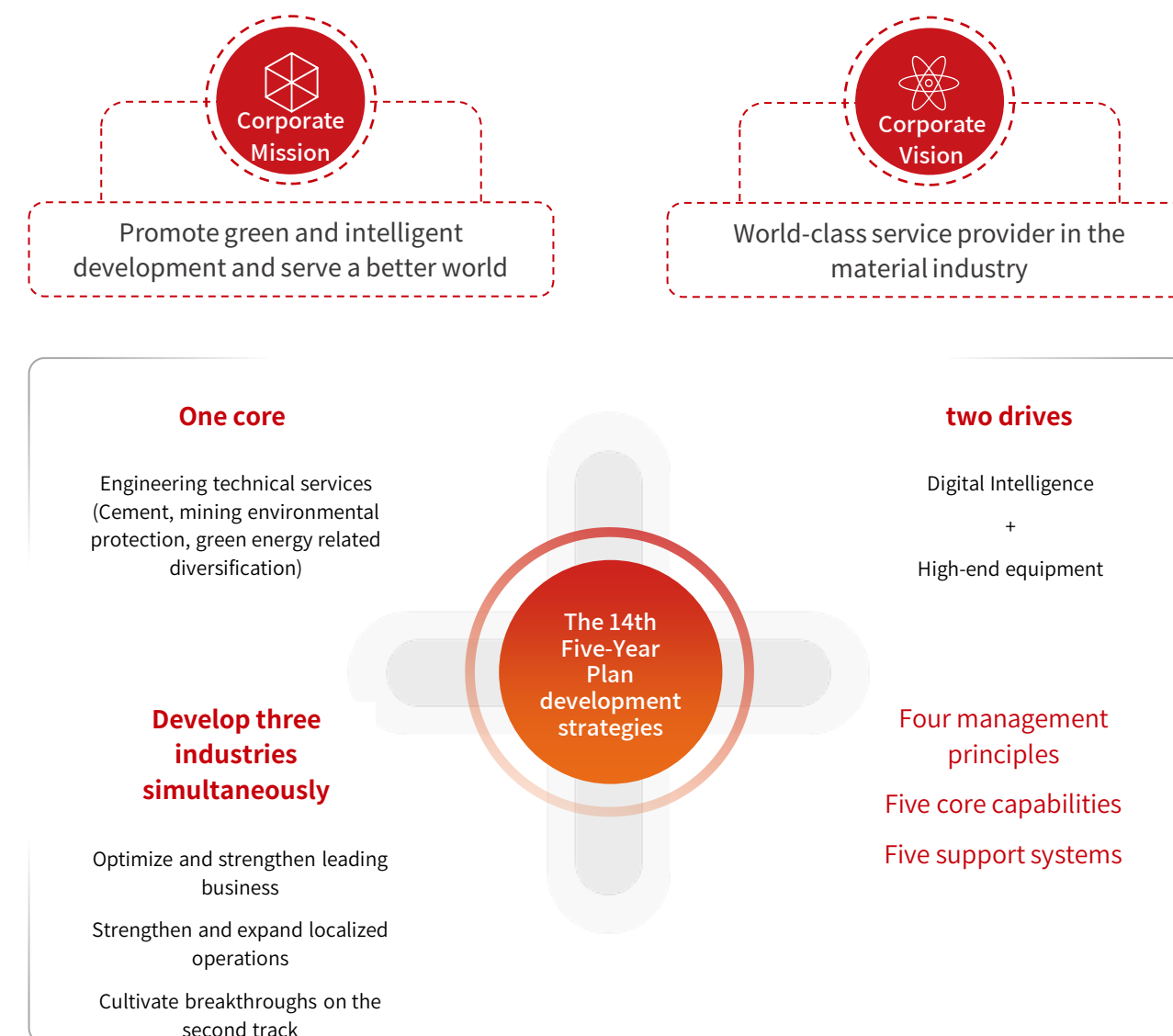
Sinoma International relies on internationally leading technologies for new dry-process cement production lines, backed by independent intellectual property rights. Leveraging its comprehensive industrial chain resources—spanning cement technology, equipment, engineering, and services—the company promotes the global export of Chinese products, technologies, standards, and capital through international engineering projects. It has contracted 351 cement production lines in 91 countries around the world, maintaining the world's No.1 market share for 17 consecutive years. It has also been repeatedly honored with prestigious awards, including the Luban Award for China Construction Engineering and the Gold Award for National High-Quality Engineering. It ranked 43rd among ENR's "Top 250 International Contractors" in 2024, and ranked 10th among Chinese companies on the list. The brand "SINOMA" has become one of the most influential brands in the international building materials and engineering market.

Today, Sinoma International has evolved into a global enterprise with core strengths in scientific and technological innovation, core equipment, engineering integration, digital intelligence, and global operations. With steady improvement in operation quality and prominent advantages in its corporate value, the Company is moving steadily towards its mission of "promoting green and intelligent development and serving a better world" as well as its vision of becoming a "world-class service provider in the material industry".

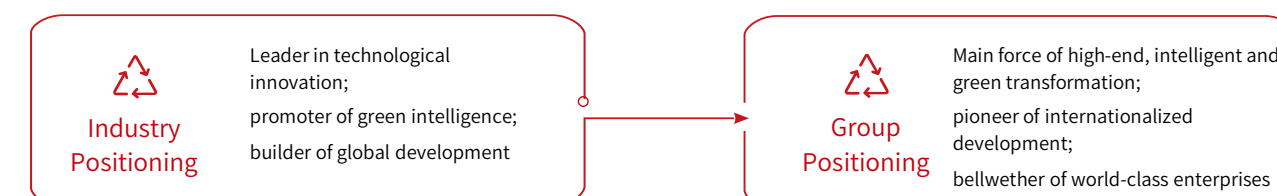
Main business indicators in 2024



Mission and Vision

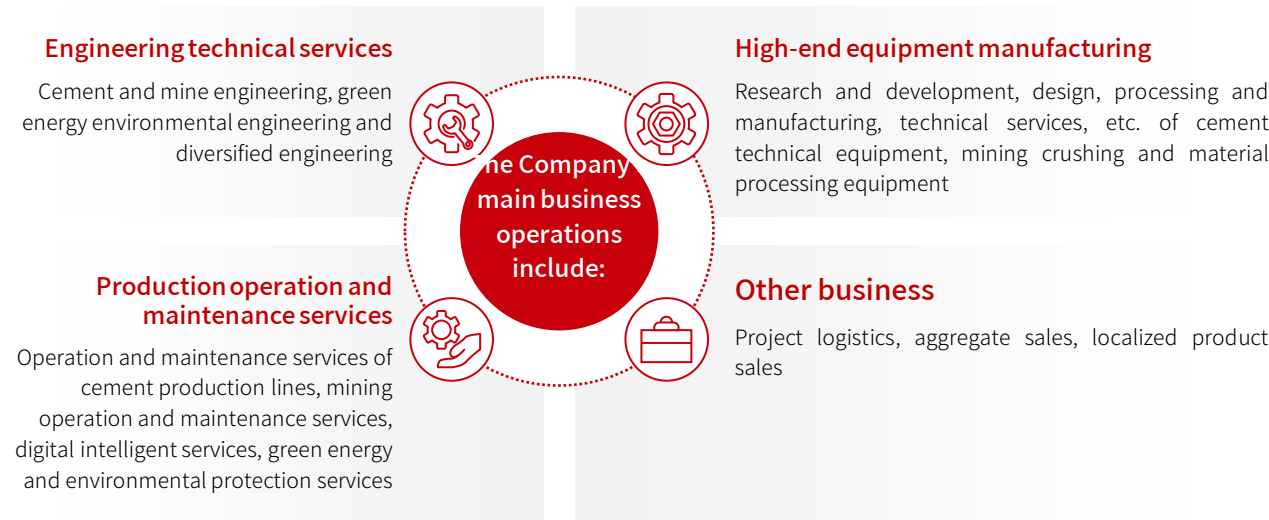


Development positioning



Main business segments

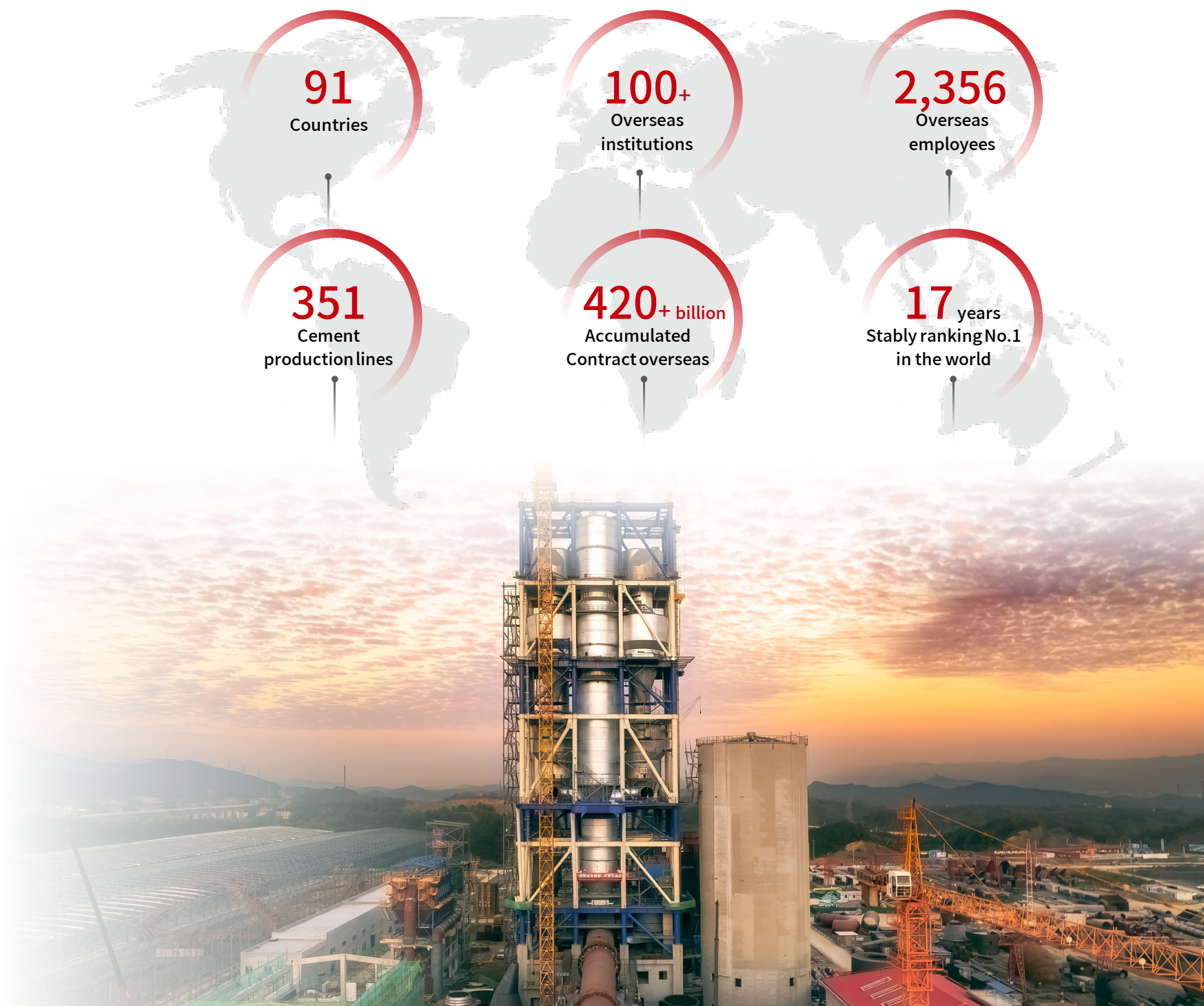
As of 31 December 2024, the main business segments and affiliated enterprises are as follows:



| Business segment | Affiliated enterprise | | | |
|--|---|---|--|---|
| Engineering segment | Sinoma International (Nanjing) Engineering Co., Ltd. | Chengdu Design and Research Institute of Building Materials Industry Co., Ltd | CBMI Construction Co., Ltd. | Beijing Triumph International Engineering Co., Ltd. |
| | Sinoma (Suzhou) Construction Co., Ltd. | Sinoma (Handan) Construction Co., Ltd. | Sinoma (Zhejiang) Engineering Design & Research Institute Co., Ltd | |
| Equipment segment | Equipment Group (Tianjin Cement Industry Design & Research Institute Co., Ltd., Hefei Cement Research & Design Institute Co., Ltd., Zhejiang Boyu M&E Industry Co., Ltd., HAZEMAG & EPR GMBH) | | | |
| Mining segment | Sinoma Mining Construction Co., Ltd. | | | |
| Operation and maintenance services | CNBM Smart Industry Technology Co., Ltd. | | | |
| Digital intelligence | Sinoma International Intelligent Technology Co., Ltd. | | | |
| Green energy and environmental engineering | Sinoma Overseas Development Co., Ltd. | Sinoma International Environmental Engineering Co., Ltd. | | Sinoma International Water Technology (Hefei) Co., Ltd. |
| Trade logistics | Sinoma Technology Services (Beijing) Co., Ltd. | | Sinoma International Ningrui Co., Ltd. | |

Note: The environmental and social data disclosed in this report are the sum of the data of the Company and its subsidiary enterprises, irrespective of the Company's share of equity.

Market distribution



Honors & Awards

2024, Sinoma International always adheres to the sustainable development strategy and is recognized by domestic and foreign governments and institutions in various aspects.



ESG Award

"ESG **Growth 100** Index of Central Enterprises"

AA in Wind ESG Rating

ESG Golden Bull Award **Top 100**

ESG Golden Bull Awards **Top 50** Central Enterprises

The 2nd Easy Board ESG+8 "**Value 100**" List

AA- in China Chengxin Green Finance' s ESG Rating

Finance Association Zhiyuan Award
"ESG Pioneer Award"

Comprehensive Award

ENR's 2024 "Top 250 International Contractors"

43rd among global companies and **10th** among Chinese companies on the list

Top 100 Listed Companies in China by Health Index

No.2 in China's "Overseas EPC Turnover of Survey and Design Enterprises"

No.7 in China's "EPC Turnover of Survey and Design Enterprises" in 2024

Double Hundred Assessment of the SASAC

Outstanding Enterprises

China's State-owned Enterprises in Deepening Reform and Practice

1 Outstanding Achievement

China's Enterprise in Reform and Development

2 Outstanding Achievements of the First Prize

Management Innovation In Building Materials Enterprises

First prize of 3 typical cases

China Construction Building Materials Engineering

Brand Enterprise

Golden Bull Award

"Award of the Most Investment Value"

Top 100 High-Growth
Listed Companies in China

Top 10 ESG Highlights of 2024

1

Released “1234” Sustainable Development Strategy

charting the Company's sustainable development journey with focuses on two key pillars – “solidifying the foundation for sustainable development” and “supporting the sustainability of the industry, society, and global community” .

2

Formulated Carbon Peak & Neutrality Implementation Plan

the Company clarified the timetable and roadmap for carbon peaking and carbon neutrality, launched "Dual Carbon" platform, and expanded the scope of carbon inventory to overseas operations, thus realizing the full coverage of all subsidiaries.

3

Unveiled the world's first cement Oxyfuel-CCUS Technology

released the groundbreaking cement oxyfuel coupled carbon capture technology at the 2024 Building Material Industry conference, which won World Cement Association (WCA) 2024 Climate Action Technology and Engineering Award.

4

Green and low-carbon projects in the European market have flourished across multiple areas, driving the new trend in green development

with the successive implementation of green and low-carbon projects in France, Poland, Belgium, the Czech Republic etc., Sinoma International leads Chinese enterprises in European cement industry's green transition, with "green" contracts representing 92% of total projects.

5

Hosted the 2nd Cement Green & Intelligence Summit

held in Nanjing, the summit convened 400+ industry leaders and experts from 34 nations to exchange insights on green decarbonization and intelligent transformation, fostering collaboration for sustainable industry evolution.

6

High-end Intelligent Equipment Park Official Launch of Operations

Introducing high-end cement equipment that has won the "Single Champion", CCTV's "Big Country Heavy Equipment" and the National Science and Technology Progress Award, and creating a leading domestic and international first-class intellectual manufacturing industrial park.

7

The Company's Board of Directors won several governance awards

the 19th Gold Prize of Round Table - Best Board of Directors, and Best Practice Cases of Boards of Directors of Listed Companies.

8

Established Integrity Culture Framework

promoting the principle of “Delivering Performance within the Boundaries of Integrity” , the initiative introduced the brand of “Uprightness as Foundation of Long-lasting Excellence” and adopted the vision of “Integrity Nurtures Harmony and Enterprise Vitality” .

9

Bestowed with dual honors, the Company is delighted to have been awarded two prestigious accolades for employee care

Sinoma International Intelligent Technology was jointly awarded "2023 China's Best Employer of the Year " by the Social Survey Research Centre of Peking University and Zhaopin.com, while the trade union of Sinoma Mine Xi'an Company was honored as the "National Model Workers' Home."

10

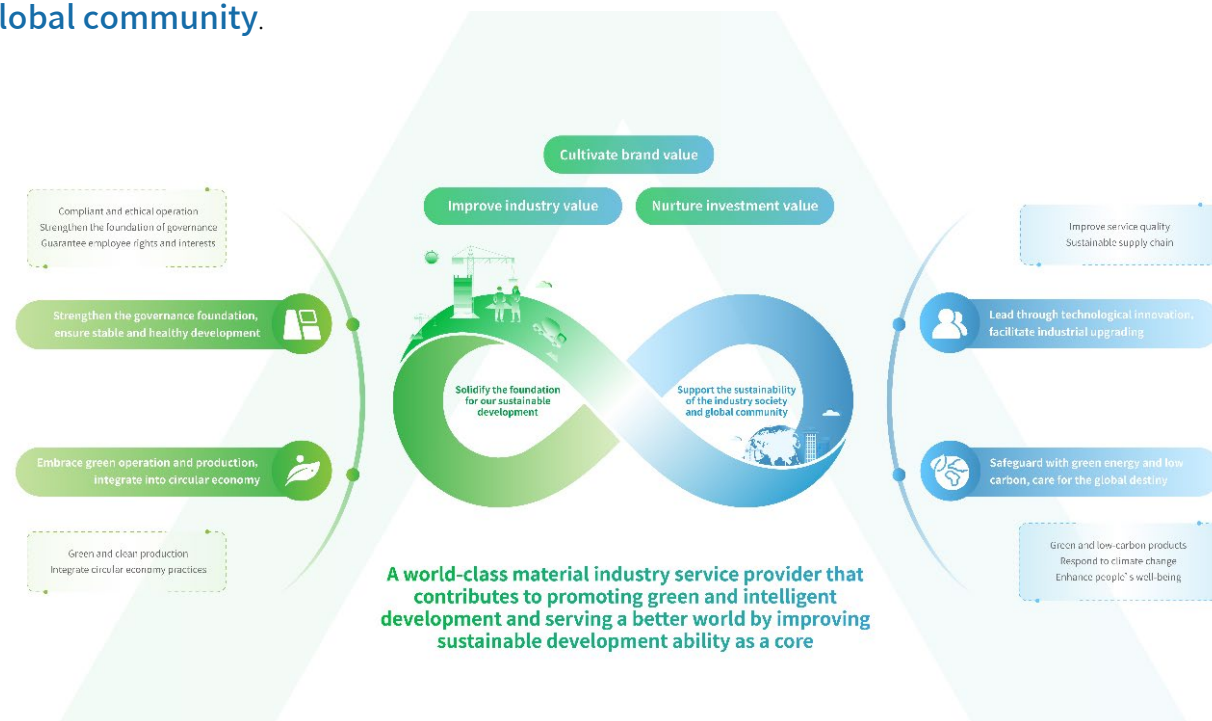
Won "National Green Factory" Title

Zhejiang Boyu M&E Industry Co., Ltd., a subsidiary of CNBM Equipment Group, won the title of "National Green Factory" announced by the Ministry of Industry and Information Technology.

Sustainable development management

Sustainability strategies

Sinoma International has formulated the "1324" sustainability strategy. Internally, the Company builds a modernized corporate governance structure, adheres to compliant and clean operation, and strives to protect rights and interests of employees. By maintaining production and operation in a clean, green, and recyclable manner, Sinoma International aims to **solidify the foundation of its sustainable development**. Externally, Sinoma International continuously improves the quality of its services, builds a sustainable supply chain, seizes clean technological opportunities, seeks for breakthroughs in the innovation of green and low-carbon products and services, and actively responds to climate change, thus building a community with a shared future for mankind that **contributes to the sustainability of the industry, the society and the global community**.



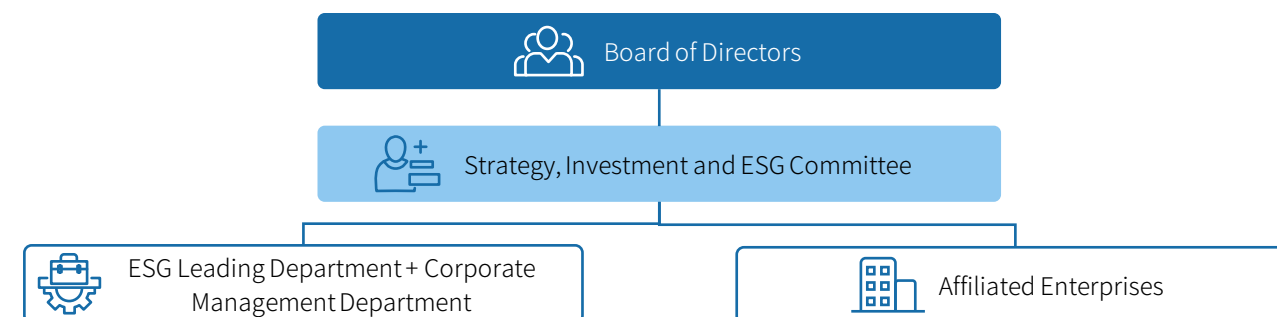
Guided by “**one core, three values, two main lines and four goals**”, the Company establishes a standardized and transparent governance system, creates an honest and clean business environment, builds a dynamic and capable talent team, and promotes the healthy and sustainable development of the Company. The Company constructs a clean and environmentally friendly production mode, promotes a low-consumption and recycling operational model, maintains a healthy and harmonious ecological environment, and drives the green and sustainable development of the Company. The Company breaks through innovative and advanced technological capabilities, leads the intelligent and high-end industrial upgrading, strengthens the partnership for co-construction and win-win outcomes, and enables the sustainable development of the industrial chain. The Company provides green and low-carbon solutions, cultivates the ability to respond to global climate change, practices the "Belt and Road" initiative of consultation, co-construction, and sharing, promotes the deep integration of global technology, talent, and culture, and contributes to the harmonious and sustainable development of the world.

ESG governance structure

Sinoma International has established an ESG management system under the responsibility of the Board of Directors. The system, led by the management and initiated by the responsible departments, requires cross-departmental collaboration and involvement from entities at all levels.

The Board of Directors is the highest decision-making body for the Company's ESG efforts, being responsible for comprehensively guiding the Company's sustainable development strategy and overseeing, supervising, deliberating, and approving significant ESG-related matters such as the Company's ESG strategy and annual ESG report. **The Strategy, Investment and ESG Committee** is set under the Board of Directors, and responsible for researching and formulating the Company's overall objective and implementation strategies for ESG management, assessing and identifying the Company's ESG risks and opportunities, and evaluating, prioritizing and managing important ESG-related matters (including waste management and pollutant emission, climate changes, employee safety and health, labor management, business ethics, etc.), and reporting significant matters regarding ESG work to the Board of Directors on a regular basis.

The Company clarifies the ESG management responsibilities of the leading department and each functional management department, while establishing and improving ESG management norms and processes. Meanwhile, the Company statistically analyzes ESG-related information and data, organizes and carries out ESG practice activities, implements specific objectives and action plans set up by the Company in ESG management, and establishes effective communication with ESG stakeholders. Affiliated enterprises clearly define the ESG main responsible department, to carry out various forms of responsibility fulfillment practices in accordance with local conditions under the unified planning of the Company.




Relate remuneration of management to ESG performance

In accordance with the Company's development strategy and annual budget, the Company has clarified the annual business objectives, and the objectives are decomposed and implemented at the three levels of the Company's managers, affiliated enterprises and headquarters departments. The Company has required the signing of the Business Performance Accountability Letter for 2024 and included ESG-related content in assessment indicators, covering safety, environmental protection, energy conservation and consumption reduction, “Dual Carbon”, integrity, privacy protection, staff development, disclosure of ESG information and ESG rating. The “Energy saving and ecological environment protection” indicator accounts for **7%** of the Company's performance, the general manager's performance and the affiliated enterprises' performance, and the performance evaluation of manager level of the Company and affiliated enterprises are both relevant to this indicator.

Communication with stakeholders

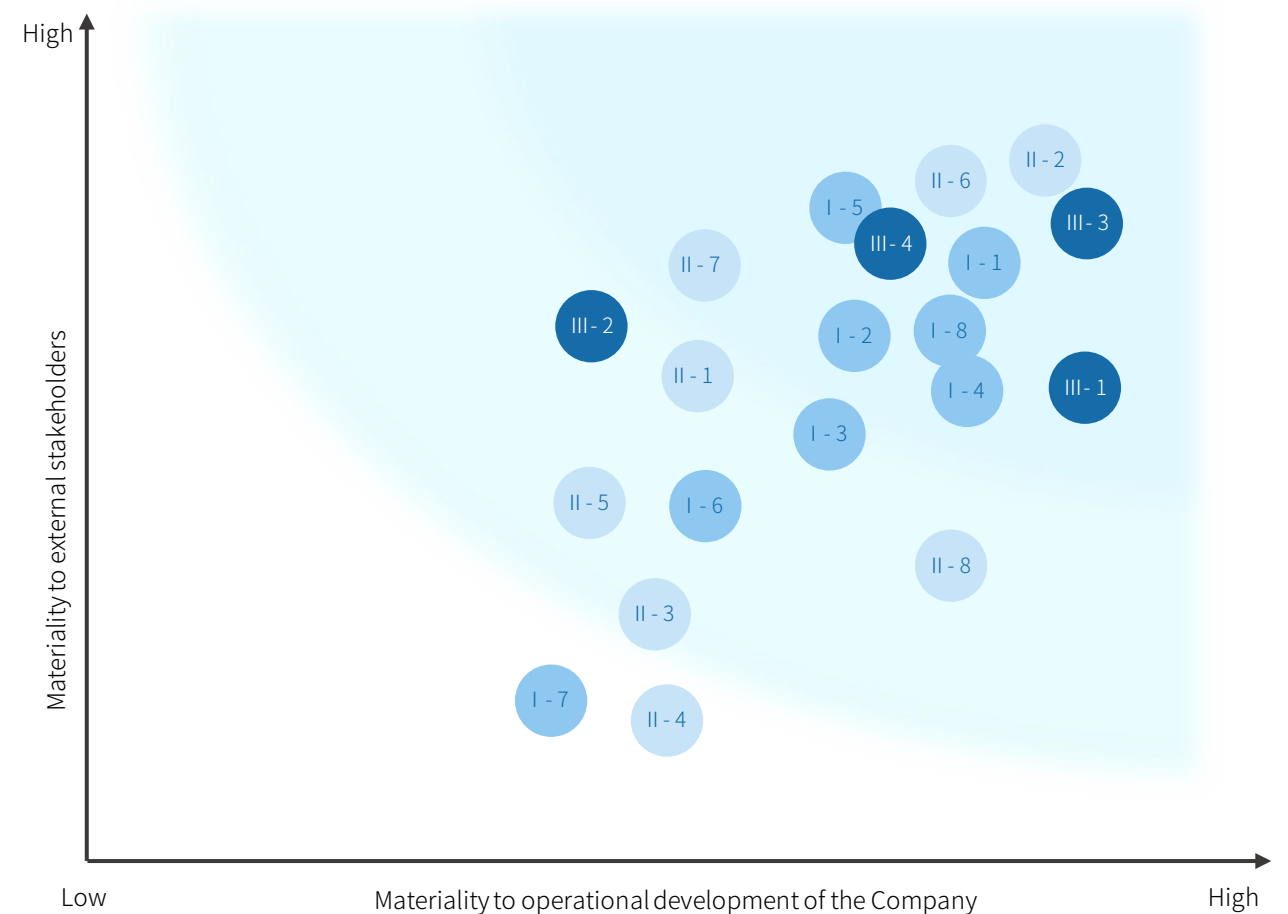
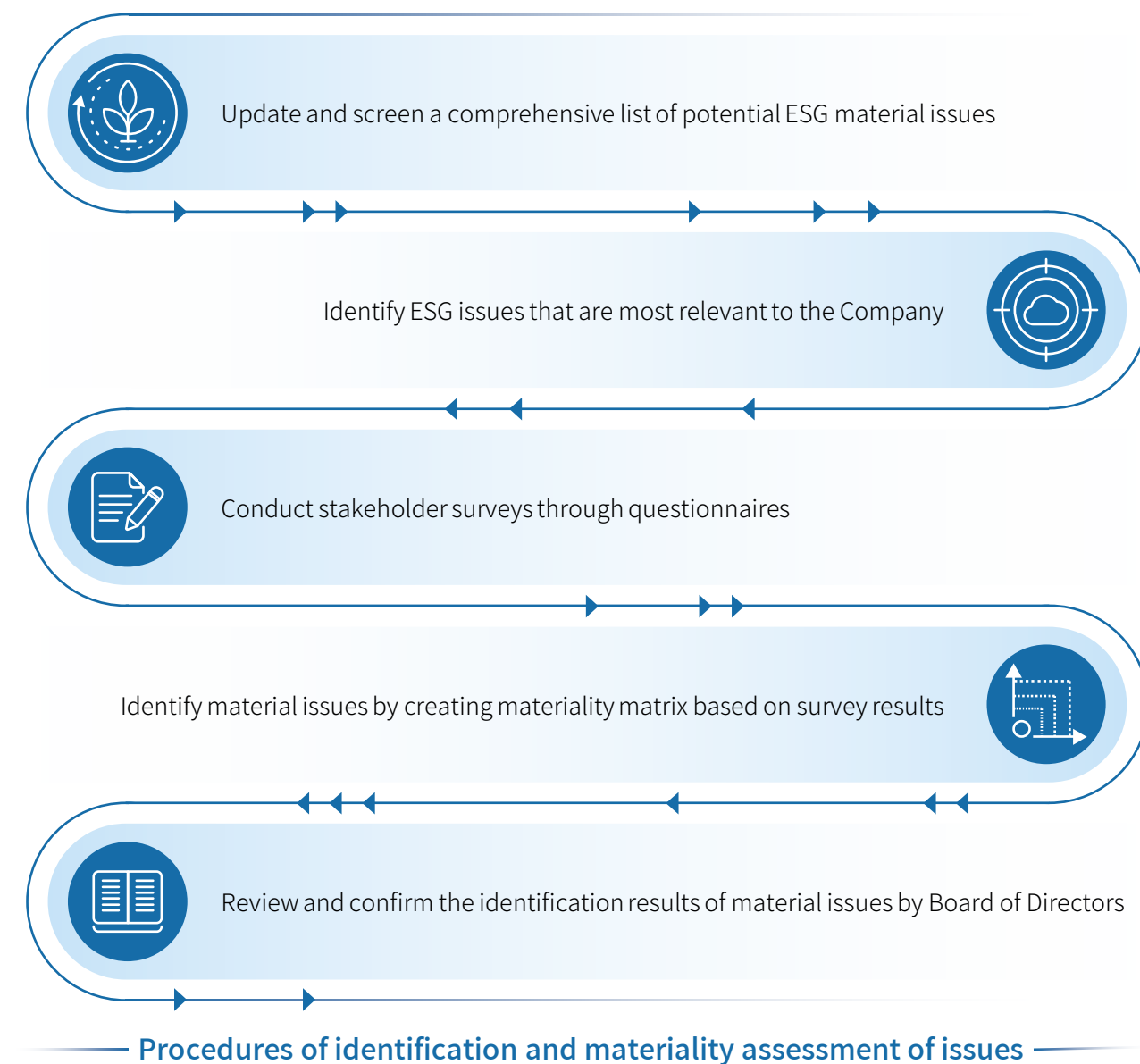
Sinoma International has identified key stakeholders related to our operations and maintain smooth and efficient communication with them. At the same time, we actively understand and respond to stakeholders' expectations and demands, involving them in the ESG decision-making process.

| Key stakeholders | Primary communication channels | Expectations and appeals | Communication and response |
|---|---|---|---|
|  Governments and regulatory authorities | <ul style="list-style-type: none"> ESG materiality assessment questionnaires Phones/Emails Conferences and conversations | <ul style="list-style-type: none"> Implement national policies Compliant operations by law Support regional development | <ul style="list-style-type: none"> Continuously strengthen compliance management Participate in government related meetings and cooperation Respond to relevant national policies |
|  Shareholders/Investors | <ul style="list-style-type: none"> Press releases/Announcements ESG materiality assessment questionnaire Annual/Interim performance briefing meeting Shareholders' meetings Investor conferences | <ul style="list-style-type: none"> Create market values Control the operation risk Strengthen information disclosure Develop green technologies Protect the ecological environment | <ul style="list-style-type: none"> Continuously create business performance Improve corporate governance and risk management Periodically publish reports and promptly disclose information Hold shareholders' meetings to strengthen investor relationship management Strengthen technological R&D for low-carbon industry development Adhere to green production and construction |
|  Directors, supervisors and senior management | <ul style="list-style-type: none"> Board meetings Shareholders' meetings Employee meetings/seminars ESG materiality assessment questionnaires | <ul style="list-style-type: none"> High-quality service Compliant operations by law Intensify innovation efforts Strengthen information disclosure | <ul style="list-style-type: none"> Lean product quality Establish and improve customer service system Continuously strengthen compliance management Strengthen technological R&D Periodically publish reports and promptly disclose information |
|  Employees | <ul style="list-style-type: none"> Employee meetings/seminars Employee performance appraisal interviews On-site investigation Employee activities | <ul style="list-style-type: none"> Remuneration and welfare guarantee Employee growth and development Occupational health and safety Employee care Democratic management | <ul style="list-style-type: none"> Develop a competitive salary system and welfare guarantee mechanism Organize employee training, improve the promotion mechanism, and build the development platform Improve working conditions and care for employees in difficulties Carry out employee activities and strengthen employee communication |

| Key stakeholders | Primary communication channels | Expectations and appeals | Communication and response |
|---|--|--|--|
|  Clients | <ul style="list-style-type: none"> Phones/Emails Conferences and conversations ESG materiality assessment questionnaires | <ul style="list-style-type: none"> Ensure product quality High-quality service Protect customer rights and interests Develop green technologies Response to climate changes | <ul style="list-style-type: none"> Ensure product quality Improve client service system Strengthen technological R&D for low-carbon industry development Adhere to green production and construction |
|  Suppliers/Contractors | <ul style="list-style-type: none"> Procurement bidding notice Inspection and supervision Supplier/Contractor conferences Phones/Emails Conferences and conversations ESG materiality assessment questionnaires | <ul style="list-style-type: none"> Practice fair competition Strengthen strategic cooperation Promote industry development | <ul style="list-style-type: none"> Implement sunshine procurement Create a responsible supply chain Participate in industry organizations and conferences Expand multi-party communication |
|  Industry/Business partners | <ul style="list-style-type: none"> Phones/Emails Conferences and conversations ESG materiality assessment questionnaires | <ul style="list-style-type: none"> Practice fair competition Strengthen strategic co-operation Develop Green Technology Promote industry development Response to climate change | <ul style="list-style-type: none"> Maintain a healthy market ecosystem Participate in industry organizations and conferences Expand multi-party communication Strengthen technological R&D for low-carbon industry development |
|  Community members/Public welfare organizations | <ul style="list-style-type: none"> Phones/Emails Conferences and conversations ESG materiality assessment questionnaires | <ul style="list-style-type: none"> Adhere to energy saving and emission reduction Protect the ecological environment Enthusiastic in public welfare and charity Support community construction | <ul style="list-style-type: none"> Adhere to green production and construction Improve energy and resource use efficiency and implement energy conservation and emission reduction Carry out voluntary public welfare activities Assist in rural revitalization Hold enterprise open day activities |
|  Media | <ul style="list-style-type: none"> Press releases/Announcements Media interview ESG materiality assessment questionnaires | <ul style="list-style-type: none"> Maintain good relationships Establish positive interaction | <ul style="list-style-type: none"> Expand publicity channels Invite stakeholders to visit Communicate with NGOs |

Materiality assessment

Sinoma International integrates the materiality assessment into the overall risk management process of the Company. In order to identify the ESG issues of most concern to the Company's major stakeholders, during the preparation period of this report, the Company, in combination with the requirements of the Reference Indicator System for the ESG Special Report of Listed Companies Controlled by Central Enterprises, Guidelines No. 14 of the Shanghai Stock Exchange for Self-regulation of Listed Companies — Sustainable Development Report (Trial), TCFD recommendations, has actively understood and responded to stakeholders' concerns about ESG issues through questionnaires, review and summary, exchange meetings and other means, to assess the materiality of the issues, and has taken it as an important reference for defining the scope and boundary of issue disclosure.



| Environmental | Social | Governance |
|---|---|--|
| I - 1 Emission management | II - 1 Human resource management | III- 1 Anti-corruption |
| I - 2 Waste management | II - 2 Occupational health and safety of employees | III- 2 Anti-unfair competition |
| I - 3 Greenhouse gas emissions and management | II - 3 Career development and training of employees | III- 3 Legal compliance |
| I - 4 Energy usage and efficiency | II - 4 Child and forced labor | III- 4 Enterprise information disclosure |
| I - 5 Development of green technologies | II - 5 Environmental and social risks of the supply chain | |
| I - 6 Water usage and efficiency | II - 6 Product and service quality | |
| I - 7 Protection of ecological environment and biodiversity | II - 7 Scientific research input and innovation | |
| I - 8 Response to climate change | II - 8 Community investment and engagement | |

Note: Topics marked in blue are considered important.

Conduct an overall layout to build a green and low-carbon industrial chain

The green concept drives transformation and marks a significant step forward in green development. Through the all-round solution of front-end scientific design, mid-range fine construction and efficient operation at the end, Sinoma International integrates the advantageous resources of its subsidiary companies in cement, mining, equipment manufacturing and other business segments, in the realms of engineering construction, equipment manufacturing, operational management, and technological research and development, the principles of green and low-carbon are thoroughly implemented, has successfully built an ecological industrial chain running through the upstream and downstream, and actively accelerates green and low-carbon transformation of the global industrial chain.

By consolidating resources, the Company has established a specialized green energy platform, a comprehensive business development system encompassing five major areas has been constructed: wind and solar EPC, hybrid wind turbine towers, smart microgrids, new energy development, and advanced energy storage. This platform provides solutions for the energy structure transformation and low-carbon development of the cement industry and other industrial and commercial sectors.

Green energy and environment-friendly industry

Green and low-carbon mining

The Company has actively carried out green mine construction, accelerated the transition to new energy in mining equipment, actively explored pilot projects for "net-zero electric mines," and continuously pursued pathways for ecological restoration and management. The concept of green mining has been integrated throughout the entire process of mineral resource development and utilization, transforming mines into verdant landscapes and pristine waters.

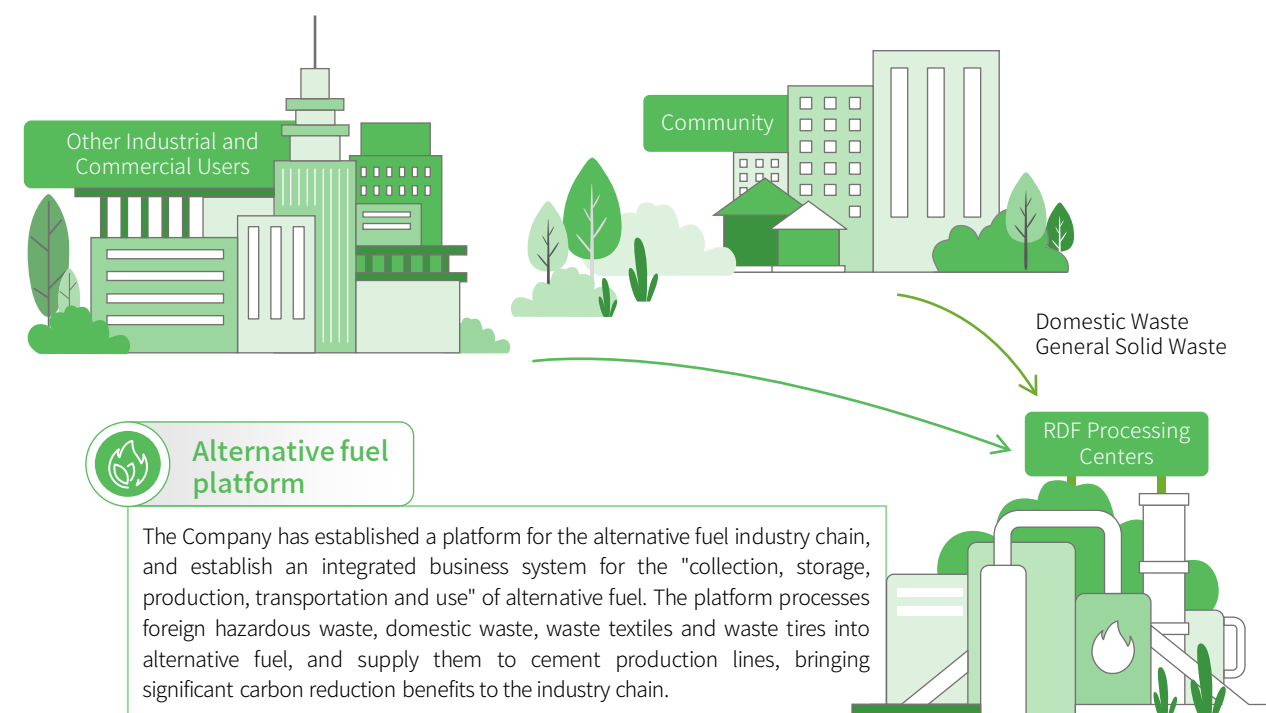
Mining

Developing green and low-carbon technologies

Through vigorous development of green technologies, extensive research and application of carbon reduction technologies, and advancements in carbon capture and utilization technologies, tackling energy-saving and carbon-reducing technologies in the key areas has been focused, including "alternative fuels," "clay calcination," and "full-oxygen combustion." These efforts have laid a solid technical foundation for the low-carbon transformation of the industry.

Manufacturing green low-carbon equipment

Through the research and development of key technologies, it has improved product performance, promoted the application of low-carbon and ultra-low-emission technologies in the cement production process, and made breakthroughs in the research, development and manufacture of low-carbon equipment.



Green and smart factory

With its low-carbon technology advantages, Sinoma International is aiming to build a high-quality green factory to achieve efficient energy saving and emission reduction. It also integrates cutting-edge 5G, big data, artificial intelligence and other technologies into traditional industrial production to create highly intelligent, green and efficient smart factories.

Cement Plant

Green and low-carbon engineering and construction

Be fully committed to "zero electricity construction", actively promote the application of clean energy equipment, rationally distribute solar new energy facilities, construct photovoltaic power generation systems for the supply of green electricity for construction, and actively promote the energy structure transformation of cement industry chain.

Green intelligent global operation

Provide cement production line operation services for cement plants in a green, intelligent and sustainable manner, covering production line commissioning, production operation, technical support, expert consultation, personnel training and engineering optimization.

Green and smart factory

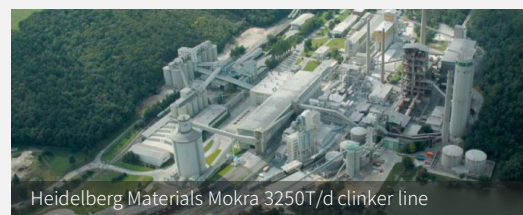
In Belgium

CBMI Construction Co., Ltd. signed the contract for Europe's first "zero-carbon" factory—the Go4Zero project. As Holcim Group first oxygen-fuel combustion project, the project aims to reduce CO₂ emissions by **30%**, clinker heat consumption by **40%**, and system power consumption by **50%**, with a fuel substitution rate of **95%**. After its commissioning, the project will reduce CO₂ emissions by **1.1** million tons annually. It will contribute significantly to global climate change mitigation.



Holcim Group's oxygen-fuel combustion project

In the Czech Republic



Heidelberg Materials Mokra 3250T/d clinker line

CBMI Construction Co., Ltd. signed a contract for the general contracting project of Heidelberg Cement Mokra 3250 T/d clinker line, with a fuel substitution rate of **90%** and an annual carbon reduction of approximately **280,000** tons. The project aims to achieve energy conservation and emission reduction by building a modern clinker production line.

In France



MK3 2500t/d new dry cement clinker production line

the MK3 project in France constructed by CBMI Construction Co., Ltd. has a heat substitution rate of **more than 80%**. Supported by digital and intelligent construction design, the project derives green, low-carbon and environmental protection and digital innovation into the whole life cycle management of the plant, which is the most influential cement renovation project approved in developed countries in Western Europe in recent years. After the project is put into operation, it can achieve a carbon reduction of **241** kg per ton of clinker, reducing carbon dioxide emissions by about **192,000** tons per year, and is expected to generate an annual carbon emission reduction benefit of about EUR **20** million.

In Egypt

Chengdu Design and Research Institute of Building Materials Industry Co., Ltd. has built a WNCC cement kiln alternative fuel utilization system, with a substitution scale of **25 t/h**. The project, completed and put into operation in December 2024, will annually reduce fossil fuel consumption by **75,000** tons of standard coal and carbon dioxide emissions by approximately **206,000** tons. It is expected to generate approximately **15.45** million euros in carbon emission benefits annually. This project has significant implications and demonstration effects for improving the local environment and reducing cement kiln carbon emissions.



Modification of alternative fuel utilization system for cement kiln in Egypt

Green and smart factory

- CNBM Smart Industry Technology Co., Ltd. achieved system-wide coverage of intelligent factory products, and provided services for the construction of **17** digital intelligent factories throughout the year. The comprehensive solution of the self-developed industrial internet platform was applied in 9 projects such as Shaofeng South, and the first phase of Tongchuan "zero-employee" project was completed for delivery and acceptance.
- The Hunan Jinlei Southern 4900t/d Clinker Cement Production Line, undertaken by Sinoma Smart Technology on an EPC basis, was designed with full-process digitalization, establishing a comprehensive digital asset library and a digital twin factory. This highly automated and unmanned production line is equipped with advanced facilities, including a limestone power generation belt and an unattended pre-homogenization stockyard. Through data and model-driven intelligent operation and maintenance, the production line has established optimization models for production output, quality, and energy efficiency, enabling optimal production control.



Hunan Jinlei South 4900t/d clinker cement production line full view

Green and low-carbon mining

- The Chuzhou China United Cement Corporation (CUCC) mine constructed by Yanzhou Sinoma won **the first place** in the selection of national green mines. The mine was built with an advanced 5G intelligent mine system, which ensures the minimization of the impact on the environment while realizing efficient production in the mine.
- Sinoma Mining has undertaken research projects such as "Ecological Restoration Technology Research and Demonstration Application for Mines in Arid Regions of North China" and "Key Technology Development and Demonstration Project for Reconstructing a Pollution-Reducing and Carbon-Sequestering Functional Ecosystem in the Baojianshan Mining Quarry". These projects address challenges such as vegetation restoration in arid areas and steep slopes, effectively improving issues like severe slope disturbance and instability. By utilizing carbon sequestration technologies, Sinoma Mining is reconstructing mining ecosystems, contributing to sustainable environmental restoration.



Chuzhou China United Cement Corporation (CUCC) green mines

The Company has built a total of

48 national green mines

119 provincial green mines

Developing green and low-carbon technologies

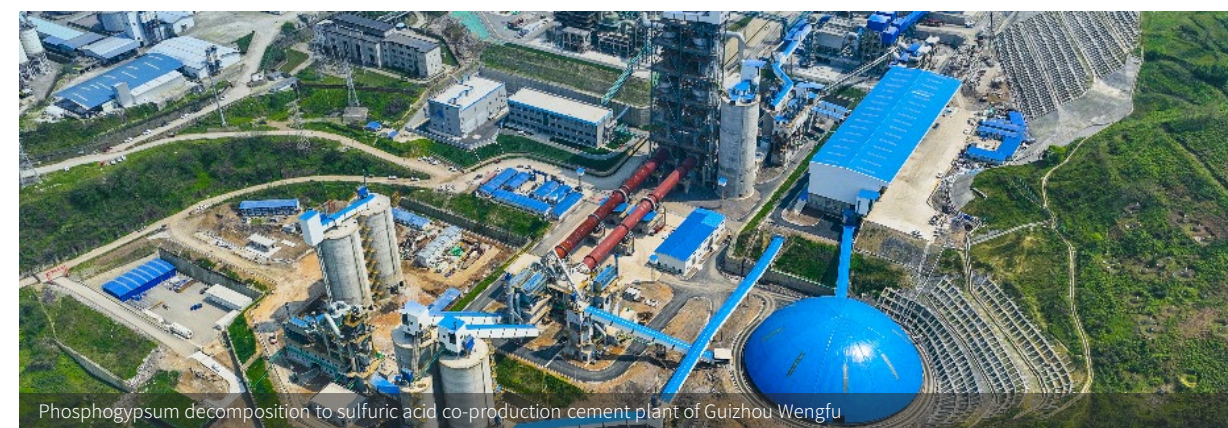
- Sinoma International Intelligent Technology Co., Ltd.'s Holcim MAL01 project in Poland, is the largest project of Holcim in Europe. This project implements intelligent plant technologies, including one-click start and stop, and introduces large-scale alternative fuel cement kiln direct feeding technology, achieving an alternative fuel calorific value of 16-20 GJ/t and a fuel calorific value replacement rate of $\geq 90\%$. This project has been successfully included in the "Typical Cases of China-EU Green and Low-carbon Development Cooperation".
- CBMI Construction undertook the SPL Project in France for Holcim Group, delivering the group's first-ever production line featuring a rotary coupling system to fully replace fossil fuels with clay—achieving a **100%** substitution rate and creating a "zero fossil fuel" green cement plant., produces high-quality LC3 cement through clay calcination, which can reduce carbon dioxide emissions by **100,000** tons per year, equivalent to creating carbon emission reduction benefits of **8.5** million euros per year. Once again, the Company has created a new milestone in the application of low-carbon environmental protection, energy-saving and emission reduction technologies in the field of cement industry.
- The China United Cement Qingzhou Co., Ltd.'s annual **200,000**-ton carbon dioxide oxygen-enriched combustion enrichment and purification demonstration project, contracted by the Equipment Group, stands as **the largest carbon capture and utilization project in the global cement industry within the realm of oxygen-enriched combustion coupled with carbon capture technology**. This project applied the full-oxygen combustion technology for cement kilns, which was independently developed, and achieved an increase in CO₂ emission concentration from 20-30% to over **80%**, reduced flue gas emissions by more than **65%**, maintained a unit product capture energy consumption of **<1.6 GJ/t.CO₂**, and lowered overall energy consumption by over **40%** compared to chemical absorption methods. These accomplishments were featured in a special report by the Global CCS Institute and earned the **2024 Climate Action Technology and Engineering Award by the World Cement Association (WCA)**.



Climate Action Technology and Engineering Award by the World Cement Association (WCA)

Manufacturing green low-carbon equipment

- The new generation cement roller press final grinding technology of Equipment Group has been successfully applied in the Qingsong Cement Grinding Technical Transformation Project in Wujiaqu, Xinjiang. This project marks **the first commercial application** of the second-generation multi-rotor separator in China, achieving significant energy savings. Production power consumption is reduced by about **7 kWh/t** and ventilation power consumption is significantly reduced.
- The Equipment Group has developed the key technologies and complete sets of equipment for activated calcination of raw materials and cement classification and grinding respectively. These innovations have reduced carbon emission intensity for 42.5 cement production ≤ 470 kg/t, with a decrease of about **27%** in carbon emission intensity compared with traditional grinding technology.
- The Equipment Group has implemented energy-saving and environment-friendly transformation on the 4500 t/d cement clinker production line in Ningxia Tianyuan. The project utilizes six-stage pre-decomposition patent technology to optimize the burning system, reducing clinker heat consumption by 17.6%, saving **22,000** tons of coal annually, and reducing carbon dioxide emissions by **59,000** tons.
- Sinoma International (Nanjing) Engineering Co., Ltd. has independently developed a technological for decomposing phosphogypsum to produce sulfuric acid while co-producing cement, which has been successfully implemented at **the world's largest production line of phosphogypsum disposal capacity** in Wengfu, Guizhou. This production line reduces annual stockpiling land use by **30** hectares, decreases limestone mining by **800,000** tons, and cuts CO₂ emissions from limestone by **300,000** tons. It marks a significant breakthrough in the company's comprehensive exploration of green utilization of industrial by-product phosphogypsum, providing strong impetus for related phosphorus chemical enterprises both domestically and internationally to construct phosphogypsum-based acid production co-generation cement production lines. This advancement vigorously promotes the industry's green transformation and sustainable development.



Green and low-carbon engineering and construction

- CBMI Construction Co., Ltd.'s SC3 project in Senegal has implemented a solar water heating system. This system utilizes solar collectors to absorb solar radiation, which then powers the pump group to transport purified cold water into heat-absorbing coated collector tubes for heating. The heated water is circulated into an insulated hot water tank and subsequently supplied to staff dormitories via a booster pump group, providing employees with 24-hour uninterrupted hot water.



- In March 2024, Sinoma Overseas Development Co., Ltd. invested 5.47 million yuan to officially connect a self-built 1-megawatt photovoltaic power generation system to the grid at the YAMAMA project in Saudi Arabia. This photovoltaic power station is designed to meet the temporary electricity needs of the project's construction phase. It is expected to reduce carbon dioxide emissions by **5,100 tons** over the total project cycle and save **2 million yuan** in construction electricity costs. This initiative marks the Company's first green construction effort in a traditional cement engineering project in Saudi Arabia.

Green intelligent global operation

- The intelligent service model of "Remote Maintenance System + Manufacturing Execution Platform (MEP) + Factory Intelligent System Module + Intelligent Equipment" adopted by CNBM Smart Industry Technology Co., Ltd. in the Saudi Arabia NRCC project has achieved more efficient, accurate and flexible management, and improved the overall energy efficiency.
- The intelligent operation and maintenance platform for Iraq's DCC Cement Production Project, operated by Sinoma (Suzhou) Construction Co., Ltd. and designed/developed by Sinoma International Intelligent Technology Co., Ltd., has been successfully launched. This system integrates four core functional modules: production process optimization, quality control, equipment monitoring & failure warning, and production surveillance. Through deep integration with the Company's digital construction platform, it establishes a "1+N+M" system architecture that facilitates cost reduction, efficiency enhancement, and improved consistency in cement product quality. This milestone marks a significant advancement in the Company's overseas intelligent production and operation capabilities.



Alternative fuel platform

- By the end of 2024, Sinoma International Environmental Engineering Co., Ltd. has built **11** alternative fuel processing centers, with an average annual production and processing capacity of **1.2 million tons**. The total amount of alternative fuels sold was **402,000 tons**, saving **241,200 tons** of standard coal, and bringing **627,100 tons** of carbon-reducing benefits to the cement production line.
- Key projects for large-scale fuel substitution:

Shanya Southern Project

Substitute fuel usage
69,900 tons

Hefei Southern Project

tail coal substitution rate
45%

CUCC Xuzhou Project

Substitute fuel usage
39,600 tons

CUCC Bengbu Project

tail coal substitution rate
41%

Jiande Southern High-Proportion Fuel Substitution Demonstration Project (Sino-German Cooperation)

Substitute fuel usage
52,439 tons
total coal substitution rate **22%**

Green energy and environment-friendly industry

Sinoma Overseas Development Co., Ltd. has been developing a specialized platform for green energy and environmental protection, with five major areas: wind and solar EPC, hybrid wind turbine towers, smart microgrids, new energy development, and advanced energy storage, with a total construction scale of **2.3 GW**. This includes overseas photovoltaic projects with an installed capacity of **1.39 GW** and wind power projects with an installed capacity of **130 MW**. The platform is expected to generate an annual electricity output of **2.75 million MWh**, resulting in an annual carbon reduction of **2.24 million tons**. Fifteen new contracts were signed, with a total investment of 364 million yuan and an estimated carbon reduction of **95,764 tons**; the installed capacity of the domestic smart microgrid distributed PV EPC project was **19.27MW**, with an average annual generating capacity of **17.6080 million kWh** and a carbon reduction of **17,555 tons**.



- Sinoma Overseas CUCC Xuzhou Cement Wind-Solar-Storage Integrated Project combines photovoltaic power generation and energy storage systems. The photovoltaic section has a total installed capacity of 11.38 MWp, while the energy storage section has a capacity of 10 MW/20 MWh. Upon completion, the project is expected to generate **11.9964 million kWh** of electricity annually, with an energy storage capacity of **7.30 million kWh**. It will reduce carbon emissions by **11,344 tons** each year.
- Sinoma Overseas Yunnan Fuyuan Project innovatively integrates photovoltaic and wind power to achieve the goal of **zero purchased electricity** for the plant. The distributed photovoltaic system has a total installed capacity of 7.2 MWp, with an expected annual power generation of **8.76 million kWh**, reducing carbon emissions by **7,759 tons** annually. The wind power section plans to install wind turbines with a total capacity of 20 MW, expected to generate **46.32 million kWh** annually and reduce carbon emissions by approximately **38,200 tons** each year.

Strengthen the foundation of governance to secure sustainable operation and development

- Sound corporate governance
- Compliant and ethical operations
- Guarantee employee rights and interests

Sound corporate governance

Sinoma International continues to optimize corporate governance, standardize the governance structure, and deepen ESG governance. These efforts are designed to robustly safeguard shareholders' rights and interests, and improve corporate governance capabilities.



The Company received a series of awards for corporate governance in 2024

- The 19th "Gold Prize of Round Table" Award—Best Board of Directors
- The Best Practice Case of Listed Company Board Offices in 2024 and a 5A rating of board secretary performance
- The Best Practice Award of Annual Report Performance for Listed Companies for 3 consecutive years
- The Best Practice Case of the Boards of Listed Companies in 2024
- 2024 "SSN · Golden Quality" Company Governance Award
- The first Best Practice of Investor Relations Management of Listed Companies

Standardize governance structure

In accordance with the requirements of laws, regulations, and normative documents such as the Company Law of the People's Republic of China, the Securities Law of the People's Republic of China, and the Code of Corporate Governance for Listed Companies, Sinoma International has formulated a relatively complete system for listed companies and established a sound corporate management structure composed of shareholders' meetings, Board of Directors, Board of Supervisors, and management team. Under these policies and structures, clear powers and responsibilities ensure a scientific, standardized, and efficient governance system with mutual balance. This governance approach has led to a continuous improvement in the transparency and effectiveness of corporate governance at Sinoma International.

In 2024, the Company held



General meetings
of shareholders
6



Board
meetings
8



Supervisory
board meetings
6

Shareholders'
(Generally)
Meeting

The shareholders' meeting is the highest body of power of the Company. The Company strictly complies with the provisions and requirements of the Rules for the Shareholders' Meeting of Listed Companies and the Articles of Association to gather and convene shareholders' (general) meetings, to ensure that shareholders legally exercise their rights and interests, treat all shareholders equally, and provide convenience for shareholders to participate in the shareholders' (general) meetings as much as possible enabling them to fully exercise their rights.

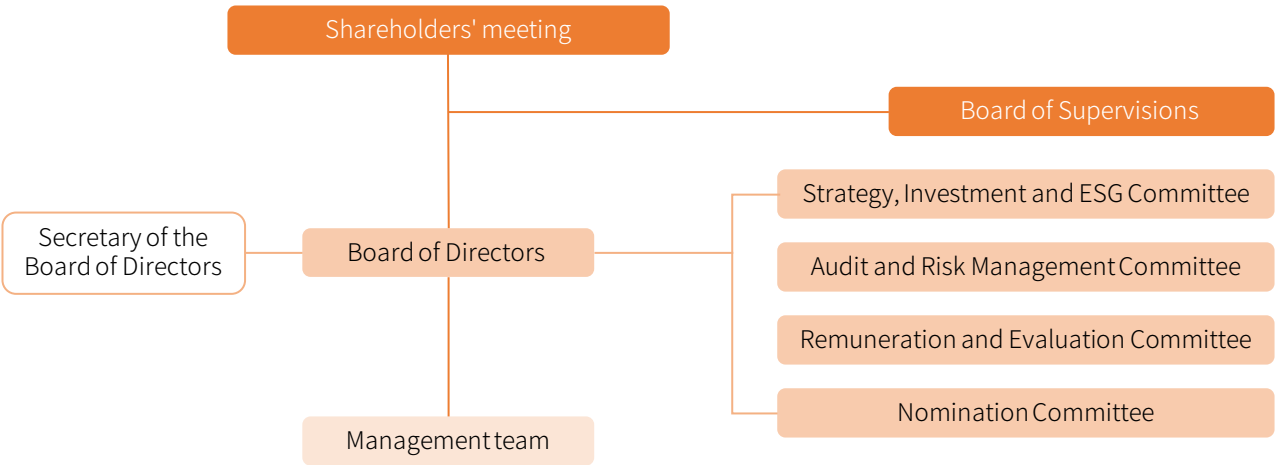
Board of
Directors

The Board of Directors of the Company consists of 9 directors, including 6 external directors, 3 of whom are independent directors. The chairman and the president serve separately, to ensure the Board of Directors of the Company is highly independent. The Board of Directors has four special committees, namely, the Strategy, Investment, and ESG Committee, the Audit and Risk Management Committee, the Remuneration and Evaluation Committee, and the Nomination Committee. They have been set up to ensure that the Company's strategies are based on sound decision-making.

The Company takes into account factors such as age, educational background, professional experience, skills, and industry experience to ensure the diversity of the members of the Board of Directors.

Board of
Supervisors

The Board of Supervisors independently exercises its supervisory authority, supervises the legality and compliance of the performance of the Company's directors and senior management personnel, and is accountable to all shareholders.



Protect shareholders' rights and interests

Sinoma International attaches great importance to creating shareholder value, adheres to rewarding shareholders, and strengthens management of proactive investor relations, which significantly enhances the Company's image in the capital market. In addition, the Company has established a shareholder rights and interests protection mechanism, improved communication policies with shareholders, and timely and accurately discloses important business decisions, financial performance, social practice activities, and other corporate information to shareholders, winning the trust and support of shareholders and investors.

Value creation for shareholders

In 2024, the Company's operating performance achieved counter-cyclical growth, and its value creation capabilities continued to improve, continuously enhancing market recognition and boosting investors' confidence.

Since the listing, the Company has implemented cash dividends every year



Cumulative cash dividends exceeding
RMB 6.3 billion

Dividend financing ratio of
more than 15 times

Standard information disclosure

Sinoma International strictly complies with the Measures for the Administration of Information Disclosure by Listed Companies, performs our management obligations for information disclosure, and ensures the authenticity, accuracy, completeness, and timeliness of information disclosure. Our information disclosure, focusing on compliance disclosure, detail quality, content characteristics, and brand building, actively spreads the Company 's business philosophy to investors to assist them in value discovery. The Company, strictly implementing the System for Registration and Management of Insiders Who Have Access to Insider Information of Listed Companies, standardizes the reporting, transmission, and confidentiality procedures for significant internal information to ensure information security. This helps shareholders of the Company to timely understand and grasp the Company's business dynamics, financial status, and progress of major issues, and effectively protects the legitimate rights and interests of investors. In 2024, the Company disclosed 4 periodic reports and 70 provisional announcements without amendments, supplements, or written inquiries. The Company has obtained **A-level** rating on information disclosure issued by Shanghai Stock Exchange for **6 consecutive years**.

Smooth communication channels

Sinoma International has strengthened the management of proactive investor relations, improved investor communication at multiple levels, through various channels and in diverse forms, and actively communicated with a large number of small and medium-sized shareholders, institutional analysts, researchers, and potential investors via "online + offline" platforms regarding the Company's business performance, development plans, and important events. Through regular performance briefings, road shows, visual video output and other investment related activities, we promote direct interaction between the Company's management and investors, comprehensively and accurately convey the Company's values, and build a virtuous cycle of business management and value growth.

Compliant and ethical operations

While confronting complicated and severe situations and various risks and challenges, Sinoma International adheres to bottom-line thinking and raises risk awareness. The Company has established a comprehensive risk management and control mechanism, and strengthened internal control construction. In addition, the Company strictly implements compliance management into practice, and has strengthened the building of a clean and honest Party style and built a strong ideological defense against corruption. All these actions can provide a strong guarantee for the sustainable and high-quality development of the Company.

Adhere to legal compliance

Sinoma International continues to strengthen the compliance system building and improve the compliance management mechanism. The Company also assumes compliance management responsibilities and cultivates a sound compliance culture. In addition, we follow the compliance requirements in all operational management areas and links, and integrate these requirements into the whole process of decision-making, implementation and supervision. These efforts are a strong guarantee for the further reform and high-quality development of the Company.

Improve compliance system

Sinoma International establishes and improves the compliance management system. Enterprises are required to set their own compliance management committees or legal compliance departments, or designate a department to manage the legal compliance issues and fulfill their respective compliance responsibilities. The Company fully implements the "person of primary responsibility" mechanism for legal compliance, and establishes a management system for legal construction, which is led by the person of primary responsibility for legal construction under the overall plan and arrangement by the compliance management committee, and with the legal compliance department taking the lead under the guidance of the general counsel. The main responsibilities are assumed by all business and functional departments, and the system runs under the supervision of discipline inspection, audit and other departments. We make concerted efforts to promote all compliance management tasks.

In addition, the Company continues to strengthen the guarantee for legal compliance by hiring more professional personnel, and keeps building the team of legal compliance professionals, full-time and part-time compliance management personnel.

In 2024, the Company actively evaluated the effectiveness of the compliance management system. First, we required enterprises at all levels to self-assess their compliance management and prepared a Compliance Management Report for the Board of Directors to review. In addition, our compliance management system was monitored, reviewed, and certified by a third-party certification agency, to further streamline and refine our compliance management. Our compliance management work has been advanced in depth. The Company has successfully passed GB/T 35770-2022/ISO 37301:2021 compliance management system certification and obtained the **"double certification" certificate** for its compliance management system issued by SGS.

By the end of 2024, the Company and affiliated enterprises



had a total of **35** full-time compliance management personnel

400 part-time compliance management personnel

Enhance compliance rules

Sinoma International implements the Measures for the Compliance Management of Central Enterprises, the Advertising Law of the People's Republic of China, the Trademark Law of the People's Republic of China and the Compliance Management Policy and the Management Guidelines for Overseas Compliance Operations of the Group and the Company. We have also distributed copies of the Overseas Compliant Operation Manual and the Domestic Compliant Operation Manual within the Company and strictly follow the requirements of business ethics including anti-bribery, anti-money laundering and business compliance requirements of trademark and advertising management. In response to risks in contract signing, recovery of accounts receivable, investment, merger, and dispute resolution, we have issued the Management Manual for Overseas EPC Project Legal and Contract Risks and the Template of International Project Subcontracts, which comprehensively guide the compliance work for affiliated enterprises.

We pay close attention to regulatory changes and conduct timely compliance checks. In addition, we conduct the work of "abolishment, rectification, and initiation" of all rules and systems, and continuously improve its systems and mechanisms, thereby providing a strong guarantee for the compliance management.

In 2024



The Company carried out special compliance risk inspections at all levels **16** times



Completed the effectiveness evaluation of the compliance system of **6** enterprises

Cultivate compliance culture

Sinoma International has deepened the culture of integrity and compliance

- Our employees at all levels signed a total of **7,275** copies of the Compliance Commitment throughout the year
- The annual meeting for legal construction and compliance management was held, where we analyzed achievements and deficiencies in the Company's legal construction and compliance, and set key tasks
- Organized all levels of enterprises to participate in compliance training organized by the SASAC, the Group or China National Building Material Company Limited, covering topics such as anti-monopoly compliance, overseas compliance of enterprises, enterprise intellectual property risk response, cross-border mergers and acquisitions, and independently organized a series of legal compliance trainings, publicize and implement new laws, regulations, policies and systems, with a total of **83** compliance trainings carried out or participated in throughout the year, covering **10,071** person-times
- Regulatory changes and internal compliance management were promptly communicated to the senior management and department heads through quarterly newsletters, office meetings, and special training
- Violations were timely reported to the leadership for review, and accountability actions were taken appropriately

Strengthen internal control

Sinoma International has established a sound internal risk control system and prepared comprehensive manuals. The Company conducts regular internal control evaluations for enterprises at all levels on an annual basis and tracks the progress of corrective actions. We test the effectiveness of key processes and engage an audit firm for our internal control. In addition, we timely disclose the internal control evaluation and auditor's reports and submit them to the Board of Directors for approval, effectively strengthening the governance performance and promoting high-quality development of the Company.

In 2024, the Company further strengthened, evaluated and audited the internal control, achieving **full coverage** of the internal control system at all levels, completed **25** internal control compliance audits, completed **100%** of the correction of internal control deficiencies, guided the offshore organizations and newly established organizations of its subsidiaries in the preparation of internal control manuals to strengthen internal control management. The Company has obtained an unqualified internal control audit report issued by the annual review agency for **13** consecutive years.

Deepen risk management

The Company has established a systematic and effective risk management system, with business and functional departments serving as the first line of defense for daily risk management, professional departments such as the legal compliance department serving as the second line of defense for continuous risk monitoring, and departments such as discipline inspection, audit, and inspection serving as the third line of defense for risk supervision, focusing on strengthening the three lines of defense. The risk functions for the third line of defense are separate from business and functional departments, and they report directly to the management and board of directors.

Sinoma International prepares a risk management report covering the identification and assessment of significant risks, risk management strategies and solutions annually and submits it to a specialized committee of the Board of Directors for consideration. In 2024, the Company identified and assessed **5** significant risks at the corporate level, proposed **24** risk measures, and did not experience any significant risk events throughout the year.

Identification: At the beginning of each year, the Company organizes a comprehensive risk inventory, collects risks by the main risk-responsible departments and affiliated enterprises, and continuously updates the risk information database.

Assessment: The Company assesses risks based on their impact and likelihood, categorizing them as general, significant, major, or critical risks, and identifying the top five risks that require key management and control.

Monitoring: The Company establishes a major risk early warning mechanism and promptly updates monitoring indicators. It organizes affiliated enterprises, functional departments, and key projects to participate in the annual risk dynamic monitoring and management, and each management and control unit is required to report on the risk control status and risk development trends on a quarterly basis.

Closed-loop risk management mechanism

Enquiry: The Company incorporates risk management into the performance appraisal indicators for executives and employees, accounting for 15% of the annual performance appraisal of the audit department. For the department in charge of risk, it is included in the annual performance appraisal indicators, and the personnel with special contribution to risk management and control are rewarded in the form of merit assessment.

Response: The Company reviews its risk exposures on a quarterly basis and adopts a robust risk management policy based on the assessment that its overall risk appetite is "neutral". The effectiveness of business continuity management plans is constantly validated and improved through quarterly dynamic risk analysis, monitoring, and management.

Analyses: The Company pays close attention to and analyses the risks that continue to rise in the dashboards, and creates a "Quarterly Risk Monitoring Report" that describes risk exposure, risk appetite, risk performance, risk prevention and control goals, risk prevention and control measures, and newly identified risks.

With a commitment to create a risk management environment to ensure that **all employees pay attention to risks**, Sinoma International requires all departments to assign risk management personnel and affiliated companies to assign risk contact persons. The Company also strengthens the risk management awareness and training programs, and promotes the development of a risk-aware culture. Training related to risk management is carried out from time to time in the Company's enterprises. In 2024, a total of two targeted trainings were organized.

Risk management training

- The Company provides regular and occasional risk management training to all directors by taking advantage of corporate governance and information disclosure training conferences and specialized training on the reform of the independent director system organized by the Association of Listed Companies.
- The Company engaged an intermediary organization to conduct audit quality and risk prevention and control measures training for internal auditors, risk control administrators and compliance administrators to further enhance the risk sensitivity and preventive awareness of professionals.

Promote fair competition

Sinoma International prohibits unfair competition and implements the Measures for Accountability of Illegal Operation and Investment and follows requirements in the Company's domestic and overseas compliance manuals regarding trade secrets protection, anti-commercial bribery, anti-monopoly, prohibition of the abuse of dominant market position, anti-unfair competition measures. The Company did not engage in any unfair competition including abuse of dominant market position for the purpose of competition, confusion, commercial bribery, fake advertising, infringement of trade secrets and deceptive prize-giving sales throughout the year.

Stick to the bottom line of integrity

In strict accordance with anti-corruption policies and regulations, Sinoma International improves policies, prevention and early-warning mechanisms, supervision and discipline enforcement and other aspects under the integrity management systems. The Company has taken multiple measures to carry out anti-corruption cultural activities, and has played a role in providing basic education on integrity, steadfastly advancing the construction of Party conduct and anti-corruption efforts in depth, providing strong guarantees for the high-quality development of the Company.

Uphold the integrity norms

Sinoma International strictly complies with policies and regulations such as the Several Regulations on the Executives of State-owned Enterprises for Performing Management Duties with Integrity, the Code of Integrity and Self-discipline of the CPC, the Working Rules of the CPC Discipline Inspection Organ on Supervision and Discipline Enforcement, and the Regulations of the CPC on Disciplinary Punishments. The Company implements the Provisions on the Prohibition of Business Relationships with Enterprises of the Group by Relatives of Leaders of Enterprises and Persons with Other Specific Relationships Running Businesses of the Group and has officially issued the Sinoma International Integrity Culture System, formulated policies, including the Opinions of the Discipline Inspection Commission on Fulfilling Supervision Responsibility in the Construction of the Party Conduct and Upholding Integrity. The affiliated enterprises are required to develop integrity risk control manuals and notices, and clarify the anti-corruption responsibilities and requirements.

Build a strong defense line against corruption

Sinoma International strengthens the Party conduct, and has established a punishment and corruption prevention mechanism, which is regularly maintained, to build a strong ideological defense line against corruption.



Uphold a culture of integrity and probity

Sinoma International integrates the enhancement of a clean and honest Party style with anti-corruption efforts, into the overall plan for the Company's high-quality development, and carries out solid supervision and inspection work on integrity.

Anti-corruption supervision and audit

- According to the Implementation Measures for the Inspection Work of the Party Committee of Sinoma International and the Inspection Work Plan of the Party Committee of Sinoma International, the Company's Party committee conducts an annual inspection, covering integrity and anti-corruption issues, and achieves **100%** coverage of affiliated enterprises every five years.
- The Company's Discipline Inspection Commission organizes and carries out the construction of a comprehensive supervision system, resulting in the "Sinoma International Comprehensive Supervision System Implementation Plan". The Company organizes meetings of the leading group and coordination groups meetings for the building of Party conduct and integrity and anti-corruption efforts, deploys supervision tasks, carries out joint supervision and inspection, and leverages the collective power of supervision.
- The Commission for Discipline Inspection of the Company organizes special control inspections each year, and has achieved **100%** coverage of its enterprises. Enterprises at all levels are required to self-check and self-correct; the Party organizations of the affiliated enterprises of the Company report the progress of the anti-corruption work every year, and the Commission for Discipline Inspection of the Company visits grassroots units periodically to listen to their progress of anti-corruption efforts.
- The Commission for Discipline Inspection at all levels of the Company establishes an Annual Political Supervision List to promote integrity, discipline and anti-corruption in an integrated manner, leverage the collective power of supervision, and enhance the quality and effectiveness of its oversight efforts.



The Company annually holds a Party conduct and integrity conference covering all the affiliated enterprises. In the monthly business analysis meeting, the "monthly discourse with the Secretary of Discipline Inspection Commission of the Party-on-Party Integrity Building" is specially tailored for leading cadres and key position holders.

Targeting all employees and board members, the Company compiles educational materials on anti-corruption and integrity, as well as a monthly magazine on discipline inspection. We subscribe to books promoting business ethics, push "Legal Knowledge" online lectures twice a week, organize the viewing of integrity education videos, and hold education of clean practices presenting real-life examples of impropriety. Furthermore, we conduct pre-holiday warning education sessions and invite the Secretary of Discipline Inspection Commission to deliver Party lectures. Moreover, the Company oversees the execution of distinctive integrity culture awareness programs at its affiliated companies.

In 2024

A total of **389** sessions of integrity education and training were conducted regularly for all full-time employees, part-time employees and contractors

with a total of
29,500
people receiving training

100% coverage
of integrity training at
all levels of the
Company

Guarantee employee rights and interests

Sinoma International adheres to the people-oriented principle, fully respects and protects the basic rights and interests of employees, strives to build a sound talent cultivation mechanism, and offers greater care for employees to make progress and grow together.

Enhance rights and interests' protection

Sinoma International strictly complies with the Labor Law of the People's Republic of China, the Labor Contract Law of the People's Republic of China, the Law of the People's Republic of China on Protection of Minors, the Law of the People's Republic of China on the Protection of Rights and Interests of Women, the Provisions on Prohibition of Child Labor, the Special Rules on the Labor Protection of Female Employees, the Regulation on Ensuring Wage Payment to Migrant Workers, and other laws and regulations. Furthermore, the Company has developed the Management Measures for Recruitment and the Management Measures for Labor Contracts to regulate the labor employment practices.

The Company adheres to the principles of openness, fairness, and impartiality in recruitment and signs labor contracts with employees according to the law, eliminating illegal employment. During this reporting period, the Company did not engage in child labor employment or forced labor violations, and the labor contract signing rate remained at 100%. For employees who have been moved out of their jobs in accordance with the law, the Company will provide them with career counseling to improve their business skills and help them find employment as soon as possible. If there were any personal disputes such as labor arbitration or other disputes occurring, the Human Resources Department, Legal Department, and trade unions will jointly intervene promptly and ensure that the legitimate rights and interests of our employees are safeguarded.

Uphold equal human rights

Sinoma International promotes equal employment opportunities, combats any form of workplace harassment, opposes all forms of discrimination, and avoids differential employment based on differences in age, gender, nationality, ethnicity, religious beliefs, and health status. We follow the principle of equal pay for equal work and promote the fair employment, and builds a diverse and tolerant corporate culture that enhances cohesion and sense of identity.

Human rights risk management

The Company actively carries out human rights due diligence procedures in its own operations and value chain, aiming to actively identify and assess potential impacts and risks related to respect for human rights, and take corresponding human rights improvement and remedial measures. The focus is on forced labor, child labor, discrimination and unequal opportunities, and the evaluation scope covers the Company's employees, with special attention to groups such as women, children and migrant workers. For example, the Company regularly conducts self-assessment of human rights risks at all levels of enterprises, including self-check and self-correction of the timely payment of wages to migrant workers and strengthens the supervision of subcontractors.

During the year, the Company **did not** identify any potential human rights issues as mentioned above, **nor did it** experience any incidents that violated the principles of equal opportunity, diversity, and anti-discrimination.

With the continuous improvement of global business operations, based on the characteristics of the Company's high proportion of overseas operations, the Company and its affiliated enterprises formulate human resources management regulations, incentive and protection, performance appraisals, and compensation management for overseas employees, and other systems based on local conditions. This approach allows us to attract a diverse range of talents, spanning various nationalities, races, educational backgrounds, work experiences, and professional expertise, so as to cultivate an international and diverse talent pool, we also actively carry out policy training related to diversity, anti-discrimination, and anti-harassment. In 2024, the Company conducted a survey of its subsidiaries to promote the ESG policy, focusing on the employee code of conduct relating to employee inclusion and commitment to diversity, covering the Company's key subsidiaries.

The senior management of the Company is responsible for the overall diversity of employees, and clearly regards the "extension of local value chain" as one of the Company's key tasks. With the goal of building an international and diversified talent team, the senior management is committed to improving the localization rate of employees.



Diverse and inclusive talent team

In 2024



The number of foreign employees of the Company reached **2,356**

of which the proportion of middle and high-level foreign employees in the local company of Chengdu Design and Research Institute of Building Materials Industry Co., Ltd. reached **40%**

The Company ensures the rights of female employees. Through various means such as organizing seminars for female colleagues and establishing female employee committees, voices and suggestions of the female employees are heard. We strive to provide equal opportunities for promotion and growth, thereby protecting women's entitlement to equal employment rights in a tangible manner

Smooth appeal channel

The Company has developed a series of policies and processes to ensure that all employees and contractors can strictly follow and maintain the Code of Business Conduct and Human Rights Policy Statement of Sinoma International. To this end, the Company has set up reporting mailboxes, providing a confidential and anonymous reporting method, and offering employees a convenient channel for appeal. At the same time, customers, suppliers and other stakeholders are also welcome to raise any concerns they have through this channel.



In terms of business ethics
jubao@sinoma.com.cn



In terms of human rights
hresg@sinoma.com.cn

In 2024, the Company **didn't receive any appeals from all over the world through the above channel, and has not resulted in any disciplinary action**. Any behavior suspected of violating laws, policies, and guidelines will be considered extremely serious issues by the Company. The Company will conduct careful and professional investigations into all appeals and will take appropriate actions based on the findings. It does not tolerate any form of retaliation.

Optimize the salary and working hours mechanism

Sinoma International implements standard working hours and formulates systems such as the Salary Management Measures and the Employee Working Hours, Rest, Vacation and Leave Management System to regulate and manage the working hours, rest and holiday arrangements of its employees. A dynamic adjustment rule has been established based on job contribution and market prices in the same industry.

- We implement a basic salary system including basic wage, post wage, and allowance. We also provide medical insurance, pension insurance, industrial injury insurance, maternity insurance, unemployment insurance and housing fund for **100%** of the employees, and enterprise annuity for **60%** of all the employees.
- Performance evaluation is conducted on a quarterly or annual basis, consisting of various forms of assessment such as company, department, project team goal assessment, individual goal assessment, multi-dimensional performance evaluation, and instant communication. After the evaluation results are announced, department heads will have one-on-one performance interviews with employees to gain a deeper understanding of their work, listen to their feedback, and provide targeted improvement suggestions, development guidance, and training for employees.
- We align employee performance with the overall benefits of the Company and the achievement of team and individual goals. The floating part of wages of senior management at all levels takes over **60%**, while the proportion for the middle-class management at the headquarters is **30%-50%** and general staff below **30%**.
- We implement a restricted stock incentive program covering directors, senior management, core management and business and technical backbone of the Company. Performance evaluation indicators are set at the company level, the affiliated enterprises level and the individual level. For example, for CEO, the Company grants a restricted stock incentive plan with a three-year assessment period and a two-year lock-up period. The grant conditions and the conditions for release of restricted shares are strongly linked to the operating performance of the Company. Factors affecting incentives mainly include economic indicators such as return on net assets and compound growth rate of net profit. As of the end of the reporting period, a total of **264** people at all levels received restricted stock incentives, and employee shares accounted for **2.13%** of the total equity capital of the Company.
- We further promote the construction of the medium and long-term incentive mechanism and effectively use six types of incentive tools, including excess profit sharing, virtual equity and employee stock ownership, and increase support for scientific and technological innovation, high-end equipment, digital intelligence and other fields. The incentives cover **2,483** recipients, accounting for **16%** of the total employees.
- A dual-track increasing salary system is adopted. We conduct regular assessments to employees' income. Upon evaluation, the salaries of **all employees at all levels exceeded** the local social average in order to satisfy their living requirements.
- We set up a salary recovery system. Management members who violate relevant laws and regulations of the state, or who lose assets due to failure to perform or perform their duties properly, will be subject to a corresponding reduction in their current performance annual salaries, or recovery of part or all of their paid performance annual salaries and medium and long-term incentive earnings.

Improve democratic management

Sinoma International strictly complies with the Trade Union Law of the People's Republic of China, the Constitution of All-China Trade Union, and other laws and regulations, and promotes the democratic management system based on the employee congress. The Company builds a platform for employees to express their concerns through various channels such as staff suggestion boxes, staff congress, feedback from trade unions and staff symposiums. The Company requires that medium- and long-term incentive programs, annual leave programs, be implemented after the expression of opinions by the staff congress. By the end of 2024, the Company had a total of **1,100** employee representatives, and the proportion of employees joining the trade union was **86%**.

In 2024, the Company conducted a satisfaction survey for all employees, to learn about their job satisfaction and collect opinions and suggestions on work experience, internal motivation, happiness, work pressure, etc. through online questionnaires. The survey covers **47.91%** of the Company's employees, with a satisfaction rate over **95%** for all employees categorized by gender, race, employee category, and age.

Facilitate employee growth

Sinoma International attaches great importance to the employees' growth. With the focus on "optimizing talent working mechanism, improving talent development environment, and motivating talent innovation ability", we continuously establish and improve the entire chain management mechanisms for talent selection, cultivation, and usage. This mechanism is designed to foster three major systems, namely, a dual channel system for management and specialties, a job qualification system, and a rank promotion certification system, to systematically promote and continuously carry out the "five key talents" cultivation project: talents of finance and economics, talents of science and technology, talents of internationalization, talents in operation and talents of outstanding young leaders. Efforts are made to improve employees' competence and quality, maintain a reliable development ladder, and achieve synergistic development between the enterprise and employees.

Talent development system



Talent resource reserve

The Company comprehensively coordinated the campus recruitment work at all levels, and a total of 448 fresh graduates were contracted in 2024; the Company actively participated in the Tsinghua Campus Recruitment Double-Election Fair organized by the Group, and assisted its affiliated enterprises in efficiently introducing talents from colleges and universities.



Diversified training systems

The Company organizes targeted training courses for all employees, including onboard training, and dual-mentorship systems-on-site mentors and headquarters mentors-for frontline employees, thus giving full play to the role of business backbones as mentors.

- I. **Training types:** strategic, management, business, general (including communication, computer applications, data processing, etc.), other (according to the needs of specific positions)
- II. **Training methods:** internal training, external training, mentoring (business backbone or middle and senior managers as mentors), internal rotation, self-study, etc
- III. **Special training:** Localized Development Lecture Hall, Science and Technology Lecture Hall, Digital training, English Salon, English training for cadres and staff, etc



Internal post rotation and exchange

The Company carries out reasonable planning for personnel, for staff shortage departments, priority for internal transfer; employees who are interested in other areas of work, can apply to the Human Resources Department, the Company will evaluated according to the actual situation, the internal recruitment process, to provide them with new career development opportunities. In addition, the Company carries out internal post's rotation and communication sessions among employees to enhance their understanding of the Company's overall business and their abilities to solve practical business problems.



• Deepen school-enterprise cooperation

The Company and Wuhan University of Technology jointly organize and carry out on-the-job postgraduate training program; the "Chinese Workshop" project of Suzhou Sinoma conducted the "Chinese + Vocational Skills" localized staff training with Jiangxi Vocational College of Applied Science and Technology in Nigeria, and has already accumulated the total number of trainings. More than 200 localized employees have been trained.



• Qualification certificates acquisition

The Company encourages employees to acquire registered qualification certificates. The Company reimburses the cost of examinations related to the position held and pays a one-time bonus and a monthly practice allowance upon registration in the unit.



• Locally-hired talent development

The Company promotes the management model of "localized employment and localized resources", and strengthens the cultivation and introduction of locally-hired talents. We also employ high-end local talents regarding business, legal affairs, and tax, while recruiting local university graduates as new talent to provide human resources support for the long-term development in the local area and contribute to local employment.



Employees from Sinoma (Suzhou) Construction Co., Ltd. participated in the training and competition of "China Copper Cup"



• Scientific and technological talent development

The Company builds a database of key technological talents and highly skilled talents. We have cumulatively applied for the recognition of **39** leading scientific and technological talents and **51** young scientists, of whom **9** are included in the Group's leading scientific research talent pool and **25** receive special government allowances from the State Council. More than **760** scientific and technological talents enjoy medium- and long-term incentives, accounting for **25%** of all talents.

In 2024

The Company hosted or participated training programs at all levels

2,350

with total cumulative training time of

898,900 hours

average training time per employee of

67.06 hours

Case: Improving the political attainment of cadres to boost corporate quality and efficiency

In March 2024, the fifth training class for improving the political attainment and management ability of middle-aged and young cadres of Sinoma International was successfully concluded at China Business Executives Academy, Dalian. The training covered six modules, namely political theory and Party spirit education, strategic management, organizational leadership, enterprise management, internationalization, state-owned enterprise reform.



After successfully completing their studies, **219** young cadres proactively deployed themselves to the frontlines of scientific research, market development, and production operations. This virtuous cycle of "learning through practice and improving through application" not only cultivates compound talents but also significantly contributes to the Company's high-quality development strategy.

Case: Promoting Sino-Russian technical exchanges and cultivating new modern cement talents

In March 2024, CEMROS, a Russian company, and Equipment Group jointly launched a 20-day training on modern cement production technology. The training involved latest technologies such as cement raw fuel, firing system and grinding system, and field visits to a number of enterprises and scientific research platforms, providing a platform for learning and cooperation. The two parties will take this training as an opportunity to continue to deepen exchanges and cooperation and jointly promote the development of the cement industry in China and Russia.



Case: Series of intelligent training to help the Company's strategic transformation

Sinoma International Intelligent Technology Co., Ltd. jointly plans and implements a series of intelligent training programs to comply with the strategic direction of the Company's transformation into an intelligent technology company and to ensure the smooth integration of employees into the new business fields. 2024, the Company held a total of 28 intelligent and digital thematic trainings, with a participation rate of 82%, and the designers participated in the REVIT 3-D modelling competence assessment and passed the test 100%, of which **46** people were certified at the national level and **49** people were certified at the second level. In 2024, the Company organized 28 training sessions on intelligent and digitalization topics, with 82% participation. Through systematic training, the Company's entire staff has preliminary digital and intelligent design capabilities, laying a solid talent foundation for strategic transformation.



Promote employee care

Sinoma International continuously improves the welfare security, develops welfare management systems such as the Employee Leave Management Measures and the Youth Talent Apartment and Subsidy measure. This approach fully implements employee care during the full-time career cycle, fostering a strong sense of belonging. In 2024, The labor union of the Xi'an Branch of Sinoma Mining Construction Co., Ltd. won the title of **"Home of National Model Workers"**. Sinoma International Intelligent Technology Co. was awarded **"2023 China's Best Employer of the Year"** by Social Survey Research Centre of Peking University and Zhaopin.com.

Help and comfort the people in need

- Sinoma Overseas Development Co., Ltd. continuously pays attention to their needs in various ways, such as visiting the families of overseas employees during the Spring Festival and distributing special assistance and relief funds to local employees, making every effort to support overseas employees and their families.
- We deliver festive greetings during holidays such as the Spring Festival, Dragon Boat Festival, and Mid-Autumn Festival. Additionally, the employees receive a birthday cake card at his/her birthday month as a token of our appreciation and care.
- We pay prompt visit to employees who are hospitalized, we periodically visit retired employees, and assist them in addressing any urgent issues and difficulties in their daily lives.
- Relying on the Group's Love and Public Welfare Assistance Fund, we provide assistance to employees in special difficulties. In 2024, we carried out **881** employee condolence and assistance programs, with a cumulative expenditure RMB **488,000**.
- The Company continued to explore the mechanism of support for overseas employees, and issued the implementation measures for Support and Assistance for Overseas Employees, which were thoroughly tested in Nigeria. The Company has set up a special assistance fund. The Company has set up special funds to help **48** Nigerian employees.

Continuously care for physical and mental health

Sinoma International deeply cares about the well-being of its employees and always adheres to humanistic care. We regularly organize free medical check-ups for our employees and hire professional doctors to conduct employee health consultations and provide psychological counselling as needed. We provide flexible working hours for employees, offer "working from home" alternatives for employees in special conditions, and allow employees to work off-peak in case of extreme weather. Pregnant women can apply for home office to reduce the risk of accidents. The Company provides annual parental leave for couples who give birth to a child in accordance with the law, and each spouse is entitled to ten days of parental leave per year until the child reaches the age of three, with the number of days of parental leave being cumulatively stacked in the case of families with multiple children. Sinoma (Suzhou) Construction Co., Ltd. has established an exclusive online channel to provide free treatment consultation for employees, fostering a sense of security and happiness within the workforce.

The Company has established a fitness center within its office premises and offers professional sports venues. Besides, we organize a diverse array of cultural and sports events, including basketball game, badminton competition, table tennis match, and fun sports game. These initiatives aim to enrich our employees' spare-time lives and foster their physical and mental well-being.

Case: "Walking Together" on the new journey

In April 2024, the first employee walking activity of CNBM Equipment Group themed on "Walking Together" was held simultaneously in Tianjin and Hefei, with nearly 1,800 participating employees. Through this activity, CNBM Equipment Group comprehensively improved the physical fitness of employees, further enriched their cultural life.



Care for female employees

Sinoma International deeply cares about its female employees' difficulties and special needs in the workplace. We take tangible and warm actions to create a favorable working environment for them.

Theme activities for fun

The Company's trade unions at all levels organized a series of celebrations for the International Women's Day, and invite foreign female employees to participate in the colorful theme activities held by the Company's headquarters and affiliated enterprises to enhance team cohesion.



Maternal and infant care

The Company extends exceptional support and attention to "novice mothers". Twelve months after the expiry of maternity leave ends, one hour of breastfeeding leave per day is granted; in the case of multiple births, the breastfeeding time is increased by one hour per day for each additional child. Xi'an Branch of Sinoma Mining Construction Co., Ltd. established a provincial second-class nursing room, and Tianjin Cement Industry Design & Research Institute Co., Ltd. set up the Mother's Home with supporting facilities such as independent cubicles, dedicated to serving pregnant and lactating female employees.



Practice the commitment to safety

Sinoma International adheres to the core concept of "people-oriented, safe development, and green development", implements the working principle of "prioritizing safety, environmental protection and prevention, comprehensive treatment, full participation, and continuous improvement", and promotes the formation of a safety management pattern featuring all-round management, whole-process control, and full participation, to create a safe and stable environment for the high-quality development of the Company.

Implement safety management

Sinoma International and its affiliated enterprises have formulated an environmental, occupational health and safety management system based on ISO series standards, which is overseen by the board of directors. We continuously improve and optimize the norms and standards of HSE management, and develop a comprehensive institutional framework that includes the HSE Management Manual and the Compilation of HSE Management System. Leveraging robust organizational coordination capabilities and pragmatic work ethos, we have diligently implemented safety management measures, successfully achieved our annual safety objectives and maintained a stable and secure operational environment.

The Company has established a Production Safety Committee with the Chairman and President as co-chairs, responsible for:

- Organizing the implementation of the Company's production safety responsibility system for all employees, and strengthening the development of production safety standardization.
- Organizing the formulation of the Company's production safety management system and operating procedures, and promoting the implementation of safety management measures.
- Organizing the formulation and implementation of the Company's production safety education and training plans.
- Ensuring the effective implementation of the Company's production safety investments.
- Organizing the construction of a "dual control" system for risk classification and hazard investigation, and supervising and inspecting the production safety work of affiliated units.
- Organizing the formulation and implementation of various emergency rescue plans for the Company, and guiding emergency rescue, accident investigation, and handling work.
- Researching, proposing, and approving the Company's production safety policies, objectives, and annual production safety plans, and handling and making decisions on major production safety issues.
- Organizing the implementation of the occupational disease prevention and control responsibility system, establishing the goals of occupational safety and health and occupational disease prevention and control work, as well as the plans to achieve these goals, and regularly supervising and inspecting the plans' implementation.

The Company revised and issued the Sinoma International Production Safety, Energy Conservation, and Ecological Environmental Protection Assessment Management Measures, which links major safety-related issues and targets with the remuneration of senior executives, and specifies veto indicators and key KPIs, and the assessment indicators have a direct impact on the results of the annual assessment of the senior executives and their remuneration incomes.

Strengthen safety defence lines

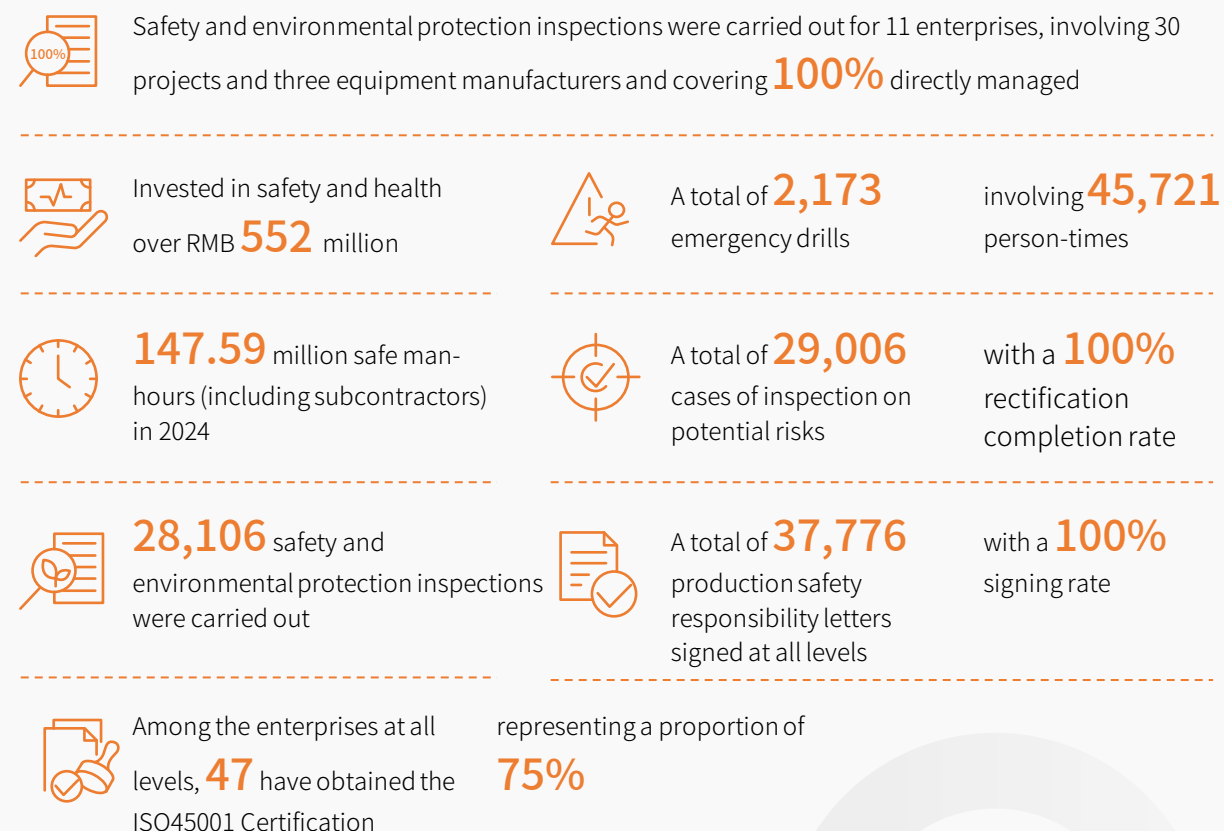
The Company has formulated a series of safety management objectives, and solidly promoted the implementation of production safety work to achieve results:

Production safety liability incidents 0 Traffic or fire accidents during the production process
Emergency with major impacts 0 New occupational cases of illness

➤ In addition, the Company has set a safe work target of no more than 0.8‰ serious injuries

In 2024, the Company successfully achieved the abovementioned goals

The Company continued to strengthen resource support and implement production safety measures:



● **Note:** The number of enterprises at all levels used to calculate the proportion of ISO45001 certified enterprises refers to the number of enterprises engaged in engineering construction, equipment manufacturing, green energy and environmental protection.

The Company integrates the safety management of subcontractors and labor teams into its comprehensive safety framework, stipulates the safety and environmental responsibilities, obligations and rights of both parties, clarifies the safety and environmental protection access requirements for equipment, construction machinery and facilities, provides subcontractors with training on safety management and raises safety awareness, supervises and guides subcontractors to establish safety management systems, helps them understand the Company's safety and environmental management policies and requirements. Unauthorized subcontractors are prohibited, while any violations, including work against regulations, illegal directives, and labor discipline breaches, are promptly identified and corrected. Besides, we avoid over-reliance on subcontractors and penalties in safety management.

Guard occupational health

Sinoma International conscientiously implements the call for "Health China", strictly abides by the Law of the People's Republic of China on the Prevention and Control of Occupational Diseases, the Regulations on Work-Related Injury Insurance, and other laws and regulations. The Company conducts occupational health and safety risk and hazard assessment, ranking the above risks in materiality order, and formulating various contingency plans. In addition, we conscientiously assume the main responsibilities for prevention and control of occupational diseases, and carry out activities such as regularly organizing staff for physical examinations, giving lectures of knowledge popularization, and offering psychological health care for employees, so as to effectively protect the health and safety of employees.

In 2024, the Company invited hospital experts to hold lectures on the prevention and treatment of hypertension and organized six batches of cardiopulmonary resuscitation training. **62** people obtained the Heartsaver First Aid Certificate issued by American Heart Association (AHA). Third-party service agencies were hired to provide medical, occupational health and safety services for domestic and overseas employees, and special training on safety and occupational diseases were carried out for overseas employees, to enhance their awareness of safety and infectious disease prevention.

In terms of hazardous chemicals and harmful substances, the Company strictly abides by relevant laws and regulations, conducts strict procurement control, and sets up special storage areas (subject to special requirements such as fire prevention, explosion prevention, and corrosion prevention) equipped with appropriate ventilation facilities. We set up conspicuous warning signs to indicate the hazard and install necessary protective equipment (such as leakage emergency treatment devices). We provide employees with necessary personal protective equipment and set up safety tips and operation instructions in the workplace. We also regularly check the status of relevant equipment to ensure it is in good working condition and reduce the risk of accidents.

In 2024



The individual protection rate at hazardous work sites of the Company was
100%



The health examination rate of employees was
100%

Build safety culture

Sinoma International places an emphasis on safety education and training, diligently improving the professional expertise of its dedicated safety and environmental management team. All affiliated enterprises and the Project Department, guided by three-level safety and environmental protection education, adopted various forms of activities such as safety, environmental protection and occupational health onboarding training, special training, safety experience training, and accident case education. A total of **26,575** safety education and training sessions were launched, with **572,840** trainees, and the training ratio of internal employees and contractor employees was **100%**.

The Company attached great importance to the "Safe Production Month" activity and constantly introduced new approaches to promote safety through activities. Through safety lectures delivered by top leaders, knowledge competitions, safety culture promotion, and accident case analysis, we created a strong safety culture atmosphere. The Company actively arranges multiple production safety activities, thereby enhancing the safety awareness and emergency response capabilities of its workforce across the board.

Case: Foster a culture of safety where "Every Individual Embraces Safety" and ensures "Everyone is Equipped with Capability of Emergency Handling"



Focusing on the "Every Individual Embraces Safety, and Everyone is Equipped with Capability of Emergency Handling," the Company has enthusiastically carried out the "Safe Production Month" and "Thousand-Mile Safe Production Journey" activities. Each affiliated enterprise diligently has developed activity proposals and organized diversified events including safe production knowledge competitions, special inspections, and emergency drills, to use "meetings" to deploy defenses, "training" to build defenses, and "inspections" to consolidate defenses. These concerted efforts aim to foster a robust safety culture and cultivate a profound atmosphere of safe production.



"Safe Production Month" series of activities

Adhere to the green concept to ensure environmental friendly development

- Green and clean production
- Integration into the circular economy

Green and clean production

Attaching great importance to green development, Sinoma International fully implements the requirements of "understanding the new stage of development, applying the new development philosophy, and creating a new development dynamic" and closely follows the national "Dual Carbon" targets. It persistently carries out clean production and integrates into circular economy to build a greener and more low-carbon energy structure and improve the ecological environment, painting the brightest background for high-quality development.

Deepen environmental management

Strictly complying with the ecological and environmental laws and regulations of China, Sinoma International builds environmental management systems and mechanisms. Through management and control over environmental risks, as well as inspection and supervision of environmental protection, it strictly implements environmental protection policies in various business sectors.

Establish an organizational structure

In terms of governance, the Board of Directors of Sinoma International is responsible for establishing and improving the Company's Environmental, Social, and Governance (ESG) management system. The Strategy, Investment, and ESG Committee is responsible for assessing the Company's environmental management performance, identifying risks and opportunities, formulating and reviewing the Company's environmental management vision, goals and strategies, and reporting major issues to the Board. In terms of management and execution, the Company has established an Ecological and Environmental Protection Leadership Group, co-chaired by the Chairman and President, with members consisting of the Company's leadership team, heads of directly managed units, and department heads at the headquarters. This group takes the overall leadership of the Company's ecological civilization, and organizes activities related to environmental protection, energy conservation, and emission reduction.

Improve the organizational system

Sinoma International strictly complies with the national environmental protection laws and regulations such as the Environmental Protection Law of the People's Republic of China, formulates a series of environmental protection systems such as the Responsibility System for Ecological Environmental Protection Management, Management System for Environmental Impact Assessment of Construction Projects, the Management Measures for Clean Production, Energy Conservation and Emission Reduction and the Special Environmental Protection Management System for Overseas Institutions (Projects), covering all aspects including production and operation, engineering and construction, and contracting and subcontracting.

The Company strictly implements the ISO14001 environmental standard and focuses on building a green and sustainable environmental management system to effectively control environmental risks. By the end of 2024, **47** affiliated enterprises passed the certification for GB/T24001-2016/ISO14001:2005 environmental management system, accounting for **75%**, and **4** affiliated enterprises passed the certification for GB/T2331-2020/ISO50001:2018/RB/T119-2015 energy management system, accounting for **6%**, and their environmental management capabilities have continued to enhance.

● **Note:** The number of enterprises at all levels used to calculate the proportion of ISO14001 and ISO50001 certified enterprises refers to the number of enterprises engaged in engineering construction, equipment manufacturing, green energy and environmental protection.

Refine the management mechanism

The Company strictly implements environmental information disclosure requirements, and each production unit develops an environmental self-monitoring plan, equipping relevant monitoring systems for real-time monitoring to ensure effective management and control of pollutant emissions. Through the establishment of a robust environmental management system, strict monitoring measures, and comprehensive emergency plans, the Company prevents and responds to potential environmental incidents.

The Company strengthened the environmental protection responsibility at all levels and organized the signing of **32,440** copies of environmental protection responsibility statements by employees at all levels in 2024. While completing the rectification tasks of the central environmental protection inspection on time, the Company implemented a top-down environmental protection inspection mechanism internally, achieving **100%** coverage of enterprises at all levels. In 2024, a total of **7,775** environmental inspections were conducted at all levels (including external government inspections), identifying **4,046** hazards with a rectification rate of **100%**.

In 2024



Environmental inspections

7,775



Invested **74** million yuan in environmental protection

The Company integrates environmental management mechanisms into business cooperation

Logistics and transportation



In accordance with the Management Measures for the Acceptance of Safety Materials, the Company requires suppliers to comply with relevant laws and regulations on environmental protection for the logistics services provided and take necessary measures to avoid environmental pollution. Transport vehicles are strictly required to prevent scattering, leakage and fire hazards, ensure safety, and prohibit oil leakage.

EPC services



The Company includes subcontractors in unified management. On signing subcontracting contracts, it defines the safety and environmental responsibilities, obligations, and rights of both parties, and specifies the safety and environmental access requirements for equipment, facilities, and construction machinery. It also provides subcontractors with environmental training to help them understand the Company's environmental management policies and requirements, as well as practice environmental-friendly behaviors in their work.

Investment and M&A



The Company implements the Management System for the Safety and Environmental Protection Due Diligence for Mergers and Acquisitions, and formulates due diligence list guidelines in the four areas of business, finance, law and safety and environmental protection. It also engages third parties to conduct safety and environmental due diligence on the investment targets.

Raise environmental awareness

Sinoma International actively promotes green office, video conferencing and paperless conference, enables electronic office operation through the OA system, reduces use of paper, prioritizes the purchase of environmental-friendly paper and pens with replaceable pen refills, and extends the service life of printing and lighting equipment through repair and recycling. The Company organizes Environmental Protection Day activities and training and calls on its employees to start with daily behaviors such as saving water and electricity, sorting waste and traveling in environmentally friendly ways and contribute to the sustainable development of the Group.

The Company actively implements the green and environmental concept and organizes various activities such as tree planting, factory afforestation, forum meetings, etc., to help create an eco-friendly and healthy environment for employees, the industry and the society. In 2024, the Company took advantage of the "National Energy Conservation Promotion Week", Low-Carbon Day, "Beautiful China, I Am an Actor" initiative, the World Environment Day on June 5 and other activities to publicize environmental protection knowledge, policies and regulations through enterprise WeChat groups, electronic screens, publicity manuals, environmental protection slogans and other channels, organize and conduct environmental protection awareness campaigns, education and training, National Energy Conservation Promotion Week and Low-Carbon Day online quiz, and watch the feature screen the documentary titled Green Transformation and Energy Saving Efforts, to improve employees' environmental protection awareness.

Environmental protection education and training system



Garbage classification



"Waste-free factory"



Compliant hazardous waste disposal and emergency management training



VOCs waste gas treatment facilities and equipment

Case: Leading the new trend of green production and contributing to environmental protection together with stakeholders



Sinoma Mining Construction Co., Ltd. held the "Good Use of Resources Day" event of China National Building Material Group in Laizhou, inviting more than 30 stakeholders such as government officials, media staff and employees to experience the charm of green mining of stone mines, which was highly recognized by the government. At the Laizhou International Stone Fair, the Company won the "Stone Green Mines Construction Award", demonstrating its green production achievements. Through these activities, the Company effectively promotes external stakeholders to understand green production measures, enhances environmental awareness, establishes a model of green development in the industry, and builds a beautiful future of harmonious coexistence between man and nature.



Carry out green production

Sinoma International strictly abides by laws and regulations such as the Environmental Protection Law of the People's Republic of China, as well as policies for energy conservation and emission reduction. In alignment with world-class environmental protection initiatives, the Company promotes clean production and green construction, identifies, evaluates, and controls the environmental factors involved in production, engineering construction processes, and management activities, and assumes the main responsibilities for environmental protection, energy conservation, and emission reduction. The efforts aim to prevent and reduce the adverse impact of production and operations activities on the environment, promote the intensified and economical utilization of resources, control emissions within the limits and continuously improve the production environment, thereby building an environment-friendly enterprise.

In 2024, the Equipment Group's subsidiary, Hefei Zhongya Building Materials Equipment Co., Ltd., has been successfully awarded the provincial "Green Factory" title, while another subsidiary, Zhejiang Boyu Electromechanical Co., Ltd., has achieved **the national "Green Factory"** designation.

Reduce pollution

During the construction of projects, Sinoma International strictly complies with laws and regulations such as the Land Management Law of the People's Republic of China, the Water and Soil Conservation Law of the People's Republic of China and the Regulations on the Administration of Environmental Protection for Construction Projects. At the same time, relevant environmental protection systems are formulated and implemented on the project site, and the "six hundred-percent" management requirements are strictly implemented.



Air pollution management

- We strictly comply with the Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution and implement national standards such as the Integrated Emission Standard of Air Pollutants, the Ambient Air Quality Standard and the Emission Standard of Air Pollutants for Cement Industry to strictly control atmospheric pollution emissions.
- We give priority to materials that do not generate atmospheric pollutants and low-emission equipment to reduce pollution at the source.
- We formulate scientific construction plans and adopt enclosed construction, installation of dust-proof nets and other measures to reduce dust and exhaust gas emissions.
- We take effective measures to control the exhaust gas. For example, we install exhaust gas treatment equipment and innovatively apply integrated drilling machine, water bag blasting technology, fog cannon machine for wet dust removal, and intelligent spraying systems.
- We strengthen the management of transport vehicles to ensure that they meet emission standards. Corresponding measures such as covering, cleaning and watering in the transport process are taken to reduce dust emission.

Waste management

- **Classified collection and proper disposition:** Hazardous wastes are collected and stored by their characteristics; scraps are recycled at designated locations; solid wastes are stacked at different areas designated for gold, wood, soil and rubber storage; and primary soil and sandstone are handled separately.
- **Standardized storage and legal transportation:** We set up appropriate waste storage facilities and locations according to regulations, clearly mark the type and danger of waste in the storage area, and ensure that waste transportation complies with relevant laws and regulations. We strictly implement the transfer plan approval and the duplicate form system for hazardous waste, and select qualified transportation companies for waste transportation.
- **Tailored approaches for compliant disposal:** In light of the nature of waste and the legal requirements, we entrust qualified specialized companies to handle the waste on a regular schedule and select appropriate disposal methods such as incineration, landfilling and recycling. In 2024, 100% self-produced hazardous wastes were disposed.
- **Strict record-keeping and full-process supervision:** We establish a system for recording and reporting waste disposal, which includes information on the quantity of waste generated and treatment methods. We regularly supervise and inspect the compliance of waste disposal to ensure adherence to regulations and standards.


Sewage discharge management

- We strictly implement national standards such as the Wastewater Quality Standards for discharge to municipal sewers and the Integrated Wastewater Discharge Standard.
- We strengthen the monitoring and management of wastewater discharge, and commission a third party to carry out regular water quality monitoring, to ensure compliance with wastewater discharging standards. A classified wastewater drainage method is in place for different types of wastewater to promote water reuse.
- When constructing camps for projects overseas, we adopt facilities such as sewage collection tanks, sedimentation tanks and septic tanks. We hire local qualified sewage treatment companies to centrally extract and treat wastewater, in a bid to ensure compliance with local discharge standards.

Sinoma International follows the principle of clean production in product manufacturing. Tangshan Sinoma Heavy Machinery Co., Ltd., a subsidiary of the Equipment Group, passed the acceptance testing of the clean production expert group of Hebei Province in June 2024. It is estimated to save RMB 583,000 per year through the implementation of the cleaner production program. The effective measures taken to reduce pollution and carbon emissions are paying off.

Affiliates of Sinoma International Environmental Engineering Co., Ltd., including Huainan CNBM Tengfeng Environmental Protection Technology Co., Ltd., Linyi Guojian Environmental Technology Co., Ltd. and Zhongtian Gongkang Environmental Protection Technology Co., Ltd., were listed as key pollutant discharging entities by local ecological environment authorities.

The main pollutants of the key pollutant discharging entities include particulate matters, nitrogen oxides, carbon monoxide, sulfur dioxide, volatile organic compounds, hydrogen sulfide, ammonia, non-methane hydrocarbons, hydrogen chloride, etc. Air emission denitrification devices and VOCs recycling and treatment facilities are used for the disposal. All the key pollutant discharging entities set up emission outlets in the designated area of the plant in accordance with the environmental impact assessment document, and carry out emission monitoring on a regular basis. A total of 5 exhaust gas outlets are placed, distributed in the incineration workshops, the emergency exhaust gas treatment devices and the kiln inlets. All the key pollutant discharging entities have actively responded to the regulation, and developed the environmental self-monitoring schemes in accordance with the requirements of laws and regulations such as the Measures for Self-monitoring and Information Disclosure of Key Enterprises Subject to Monitoring and the Technical Guidelines for Self-monitoring of Pollutant Discharging Entities. They also configured monitoring systems for real-time monitoring, and prepared contingency plans for environmental emergencies, which were reported to the relevant departments of the local government for record as required. The pollutant emission values of the key pollutant discharging entities are subject to the disclosure of the local ecological environment authorities, the pollutant emission information disclosure websites are as follows:

- Huainan CNBM Tengfeng Environmental Protection Technology Co., Ltd.:
http://39.145.0.253:8081/gfwry/gfwryindex?wework_cfm_code
 - Huainan CNBM Tengfeng Environmental Protection Technology Co., Ltd. (self-monitoring):
<https://wryjc.cnemc.cn/gkpt/mainZxjc/340000>
 - Linyi Guojian Environmental Technology Co., Ltd.:
<http://221.214.62.226:8090/EnvironmentDisclosure/publicReportDetail/lookReportDetail?pageFrom=2&reportId=16389&reportType=1&batchYear=2024>
 - Zhongtian Gongkang Environmental Protection Technology Co., Ltd.:
<http://ywxt.sthjt.jiangsu.gov.cn:18181/spsarchive-webapp/web/viewRunner.html?viewId=http://ywxt.sthjt.jiangsu.gov.cn:18181/spsarchive-webapp/web/sps/views/yfpl/views/infoPublic/index.js>
- 


Enhance energy management

The Company is strengthening the construction of its energy management system to monitor and analyze energy usage in real time, optimize energy distribution and scheduling, and reduce energy consumption. An energy conservation and emission reduction management system is constantly improved, defining the responsibilities of each department and position and strengthening supervision and assessment to ensure the effective implementation of various energy conservation and emission reduction measures. Regular energy conservation and emission reduction training and promotional activities are conducted to raise awareness and encourage active participation, fostering a positive corporate culture of energy conservation and emission reduction. Three employees attended the energy manager training organized by China Energy Conservation Association and obtained corresponding certificates.

The Company is increasing its investment in the R&D of key technologies for energy conservation and emission reduction, such as high-efficiency raw material pre-treatment technology, advanced production process energy-saving technology, and intelligent energy management technology, to further improve energy utilization efficiency and reduce carbon emissions from our own engineering and manufacturing processes.

Strategies of energy-saving technological transformation projects

| | |
|--|---|
| Improvement of solar dryer and heat pump drying technology | Enhanced drying efficiency of biomass feedstock |
| Research and development of high-efficiency crushers and screening equipment | Optimized raw material processing flow |
| Development of novel, environment-friendly additives | Reduced carbon emissions from additives |
| Plasma cutting upgraded to laser cutting | Improved work efficiency |




Tangshan Heavy Machinery Co., Ltd. of CNBM Equipment Group saves **135** MWh of electricity per year, resulting in about RMB **101,000** in electricity cost savings


Optimize the energy consumption structure


Actively promoting clean energy equipment and accelerating the construction of renewable energy projects, Sinoma International is strategically deploying solar energy facilities based on the resource conditions of each region, increasing the proportion of clean energy in energy consumption, gradually reducing the dependence on traditional energy sources, and leading its own low-carbon, green transformation.


Leveraging its green energy and environmental service resources, the Company is promoting energy-saving renovations and technical reform of its own office buildings and manufacturing plants and actively advancing rooftop photovoltaic modifications. As of December 2024, the Company's own buildings achieved a total installed photovoltaic capacity of **17.2 MW**, increased more than **5 times** than last year.


>> In 2024 <<

- 

Sinoma Overseas Development Co., Ltd. invested in the construction of a **740kW** rooftop photovoltaic project on the Handan Sinoma Building, providing clean energy for office operations. The project generated **472 MWh** of photovoltaic power throughout the year, saving RMB **280,000** in electricity costs.
- 

The Company generated **144 MWh** of electricity by the rooftop photovoltaics in the Company's headquarters building, and sold **5,400 kWh** of electricity back to the grid.
- 

Since its operation in July 2024, the High-End Equipment Intelligent Manufacturing Park photovoltaic project has progressively replaced traditional industrial electricity consumption with solar power generation, yielding an annual output of **2,400 MWh** and saving RMB **610,000** in electricity costs.
- 

Sinoma International (Nanjing) Engineering Co., Ltd. distributed photovoltaic power plant project generated **472 MWh** of electricity in the whole year, and sold **86.8 MWh** of electricity on the grid, with self-consumption savings in electricity tariffs and income from electricity sales on the grid totaling RMB **315,000**.
- 

Equipment Group has installed photovoltaic panels with a capacity of **0.242 MWp** in office building, and purchasing a total of **390 MWh** of green electricity in 2024.

Sinoma Overseas Development Co., Ltd. continuously promotes the realization of **green power construction** in cement engineering EPC projects, builds photovoltaic power generation systems for green power supply in construction, and adds sustainable green power benefits for the owner after the cement plant is put into operation, and actively promotes the transformation of energy structure of the cement industry chain.

The Company is undertaking the adoption of new energy sources, to reduce carbon emissions and electricity consumption. We actively explore the pilot project of the "net zero-electricity mine" and the layout of new business patterns for green development. Sinoma Mining Construction Co., Ltd. continues to promote the purely electric transformation of mining equipment, and has successfully delivered **the first 50-ton oil-fired** mining truck purely electric "oil-to-electric remanufacturing" project, which achieves the purely electric drive of the whole truck, with an annual working time of more than 5,000 hours, a 10% increase in power, a reduction of about **400 tons** of carbon, and a reduction of more than **30%** in the maintenance cost of a single truck. Sinoma Mining Construction Co., Ltd. increased the number of new energy mining vehicle **266**, resulting in an annual reduction of **14,400 tons** of carbon dioxide. Tianjin Mining Shannan Branch has essentially eliminated the need for externally sourced electricity in the crushing process and belt conveying system through the deployment of photovoltaic power generation technology.

Ecosystem protection

Actively promoting biodiversity risk assessments within its business activities, Sinoma International identifies biodiversity risks across multiple dimensions, including its business operation locations and adjacent areas, upstream supply chains, and downstream clients.

Target:



The Company plans to achieve a **100%** biodiversity risk assessment rate for newly invested projects by 2025.



The Company has issued the Biodiversity Statement reviewed and approved by the Board's Strategy, Investment and ESG Committee, pledging strict adherence to relevant laws and regulations in its operating locations. The statement commits to ensuring that its own project development and operation sites are situated away from ecologically sensitive areas and protected ecological zones, and that ecological and environmental protection for new, modified, and expanded projects is consistently organized and implemented in accordance with the "Three Red Lines and One List" requirements.

Comprehensive biodiversity protection measures

>> Avoidance measures <<

During the initial project site selection, we assess animal migration routes and consider the habitats of terrestrial, riverine, and marine life to ensure that the plant sites are far away from biological habitats. For example, during the implementation of the Chizhou CNBM Corridor Project by Sinoma International (Nanjing) and Sinoma Mining Construction Co., Ltd., the project route was designed to pass under the river, avoiding direct disturbance to the river system and thus effectively protecting the integrity and stability of the river ecosystem. Strict isolation measures have also been taken for sensitive water areas such as pearl ponds and fish ponds around the project. Temporary enclosures and protective facilities have been set up to effectively isolate the construction area from the surrounding water areas, preventing construction activities from damaging aquatic organisms and their habitats.

>> Mitigation measures <<

When project lines have to traverse forest areas, we prioritize tunnel construction to minimize the damage to forest vegetation. In addition, the Company continues to optimize the piercing, blasting, digging and transport technology, research and application of dust reduction and dust suppression technology, the implementation of slopes, roads, soil disposal sites, living areas, greening projects, to achieve the mine trees, birdsong and flowers, and man and nature in harmony.

>> Restoration measures <<

We carry out water and soil conservation and vegetation reconstruction projects during the mining process, increasing the green area of the mine through tree planting, grass seeding, and slope spraying. We actively explore new paths in the process of mine ecological restoration and management to enhance the carbon sink capacity of local ecosystems. In 2024, based on the projects of ecological rehabilitation of mines, Sinoma Mining Construction Co., Ltd. has used carbon sequestration technology to reconstruct the mine's ecosystem.

>> Recovery measures <<

We systematically carry out ecological restoration initiatives. In 2024, Sinoma Mining Construction Co., Ltd. implemented a total of 54 projects encompassing mine rehabilitation, ecological restoration, and geological hazard management. We planted an aggregate of **314,512** trees of various species, dispersed **37,589 kg** of grass seeds, and revitalized an expanse of **3.5535** million square meters.

>> Transformation measures <<

We carry out ESG awareness cultivation and requirements communication, including topics on biodiversity protection, at all levels. This effort aims to strengthen the concept of biodiversity protection among all affiliated enterprises and employees, mandating that projects continuously monitor the impact of their activities on the surrounding ecological environment to ensure the safeguarding of ecosystems and biodiversity.

Integration into the circular economy

Striving to integrate into the circular economy, Sinoma International actively explores ways to recycle resources, and deepens its green development concept in all aspects.

Recycling and conservation of water

Sinoma International systematically tracks and monitors the availability of water sources at the operating locations, keeps abreast of real-time changes in the regulation of water harvesting sites and changes in water charges, assesses the risk of water shortage and policy fluctuations, and adjusts the Company's water strategy in due course. The Company has formulated a number of water conservation measures to ensure the rational and effective use of water resources. The Company clarifies water-saving responsibilities and strengthens supervision and inspection. In the process of engineering design and construction, the Company installs water-saving devices such as low-flow faucets, flushing systems and showerheads, and builds rainwater collection tanks to recycle rainwater and reduce the consumption of construction water. In addition, to avoid water waste, the Company installs water meters and monitoring facilities to continuously monitor water consumption and promptly detect and repair water leakage.

In terms of water recycling, the Company actively promotes the construction of reuse system for gray water. A hierarchical treatment system for rainwater, spray water and car wash wastewater were established through the construction of rainwater collection tanks and multi-stage sedimentation tanks. After precipitation treatment in the sand sedimentation tank and deep treatment in the sedimentation tank, it is used for watering the roads in the mining area, supplying water for the spraying dust suppression system and maintenance of the vegetation.



Chuzhou China United Cement Corporation (CUCC) mine constructed by Yanzhou Sinoma collects surface water that infiltrates into the mining pits, which, after natural sedimentation, is utilized for mine greening and dust suppression through water spraying. This initiative has resulted in an annual reduction of

190,000 tons in the consumption of fresh water.



Resource recycling

By standardizing waste disposal, intensifying efforts in resource recycling, and promoting the reuse of waste, the Company provides the industry with sustainable raw material sources to enhance the circular economy of the industry.

Comprehensive utilization of mine waste

- Optimization of ore allocation in the ore mining process to enhance the comprehensive utilization rate of waste rock through the scientific allocation of high-grade and low-grade ores.
- The waste ores produced during the mining process are treated and converted into building materials, road paving materials, or other valuable resources.
- Recycle and reuse waste tires, applying reflective paint for flexible vehicle barrier protection, and re-purpose them into on-site landscaping or safety signage.
- The silt and fine sand produced by the sedimentation tank will be separated from the solid and liquid, and used as the greening substrate material of the mine to achieve resource utilization.

Recycling of construction waste

- Organize contractors for major works projects to prepare a special plan for reducing construction waste on the construction site. This plan should clarify the goals and division of responsibilities for reducing construction waste, and propose specific measures for source reduction, classification management, on-site disposal, and emission control. The combined use of temporary facilities such as roads and enclosures with permanent facilities should be promoted.
- Encourage all engineering project contractors to recycle and reuse building materials, and their own employees and contractors should be educated and trained. Implement digital processing and information management to achieve precise blanking and fine management, thereby reducing the loss rate of building materials.
- Improve the reuse rate of temporary facilities and turnover materials on the construction site, promoting the repeated and efficient use of building materials and equipment to extend the life cycle of materials and products
- Prioritize the use of high-strength, high-performance, highly durable, and recyclable materials during the building design phase to ensure ease of disassembly and reuse. For example, steel formwork that has undergone deformation or distortion during construction can be repaired and reshaped for repeated use, and waste wood planks and squares can be recycled after lengthening and repair.

In 2024, the research results of Chengdu Design and Research Institute of Building Materials Industry Co., Ltd. on the coupling of construction waste with building materials utilization were to the Hebei Qingfeng Green Energy 2 million tons/year comprehensive utilization of construction waste project, achieving



100% resource utilization of construction waste

zero emissions throughout the entire process

Comprehensive utilization of waste rock to create a zero-waste mine



Sinoma Mining Construction Co., Ltd. extracts limestone ore in Gongga County, Shannan City. The waste rock, with a calcium oxide content ranging from 29% to 38%, is blended with high-grade ore to ensure the content is elevated to over 48%, meeting the requirements of cement production lines. This achieves zero discharge of mine waste materials, earning the title of "**Zero-Waste Mine**" awarded by Shannan City.

Forest conservation

Wood is necessary for the Company's engineering construction projects. During the processes of mine construction and overburden removal in mining, surface vegetation needs to be cleared. Land reclamation involves the purchase of saplings. Additionally, wood is necessary for the support of adits and tunnels, as well as in the construction of scaffolding. Therefore, we prioritize the protection of forest resources and sustainable development throughout our business activities. We take numerous measures to avoid damage to forest resources, reduce land exposure and prevent soil erosion.



- **Compliance with laws and regulations**

We comply with all applicable laws and regulations related to forest resources protection to ensure that our business operations meet legal requirements.



- **Sustainable procurement policies**

We develop sustainable procurement policies and require suppliers to provide wood and forest products from legal sources and obtain relevant forest certifications. Suppliers are encouraged to utilize forest resources managed in a sustainable manner.



- **Supplier compliance review**

We conduct online or offline supplier review procedures to ensure they adhere to environmental and social responsibility requirements, and implement relevant measures to prevent the destruction of forest resources.



- **Wood materials replacement**

We consider using steel or aluminum alloy formworks to replace wooden ones, or select high-quality wooden formworks to increase utilization rate, thus avoiding excessive use of wood.



- **Forest resource restoration**

We carry out environmental protection actions such as factory greening and reforestation in mines to protect forest resources and improve the ecological environment.

Simplification and reduction of packaging materials

Sinoma International promotes simpler and less use of packaging materials to reduce resource consumption.

- During the shipment of equipment products, the Company adopts a packaging strategy aiming at lightweight, minimalist, and circular packaging to optimize space utilization and to reduce energy consumption during transportation.
- By using hard film rust preventive oil and local surface protection, we have transitioned some products that originally required full-enclosure wooden crate packaging to framework or pallet packaging, thereby reducing the use of wooden crates.
- We re-purpose the wooden crates used for packaging motors, reducers, and bearings to package products that require enhanced waterproofing and rust prevention.
- Recyclable metal materials are used for packaging in international engineering projects, and are subsequently recycled as auxiliary materials for engineering construction.
- Suppliers are supported in recycling their delivery packaging, which improves the efficiency of package utilization and reduces waste generation, thereby promoting the green development throughout the industrial chain.



Guide progress of the industry to enhance overall value for win-win results

- Improve service quality
- Sustainable supply chain

Improve service quality

Sinoma International is committed to building a world-class enterprise boasting premium products, outstanding brands, leading innovation and modern governance. We prioritize quality assurance to fortify our brand, ensure customer-centric brand development, and empower brand building through technological innovation. Leveraging our role of leadership and influence in the industry, we strive to solidify and elevate the global status of the SINOMA brand.

Create excellent products

Creating high-quality projects

Sinoma International carries forward the spirit of "pursuing excellence and creating classics", focuses on high-quality projects in the process of "building a global brand", and effectively leads the development of the industry. In China, the Company has undertaken the construction of a majority of cement capacity. Outside China, it has constructed nearly **351** cement production lines in **91** countries and regions and completed a range of high-quality projects, winning widespread praise among clients. In 2024, the entire staff sincerely kept their promises and fulfilled their obligations, promoted high-quality construction of overseas projects, guaranteeing the stable progress as scheduled and high quality of the projects.



12 projects were
successfully launched



44
PAC certificates



19 FAC
certificates were granted



In 2024, the Company won a series of engineering and technical service awards

- The world's first set of cement oxyfuel-coupled carbon capture technology won the award **World Cement Association (WCA) Climate Action Technology and Engineering Award 2024**
- 6 projects from the Equipment Group were awarded China Building Materials Engineering Construction Association's **Excellence Award for General Contracting Projects**
- 6 projects from the Equipment Group and 3 projects from Sinoma International Intelligent Technology Co., Ltd were awarded **the Excellence Award for Engineering Design**
- 5 projects from Sinoma International Intelligent Technology Co., Ltd were awarded **the Excellence Award for Engineering Consultation**
- Nigeria Manufacturing Company of CBMI Construction Co., Ltd. (FABCOM) was invited to participate in the Nigerian Architects' Conference and honored with **the Industry Outstanding Contribution Award**
- 2 projects from undertaken by the Equipment Group, have respectively won **the first and third prizes in the Industrial Engineering Design Comprehensive Category** of the second batch of Anhui Excellent Survey and Design Quality Demonstration Engineering for the 2022-2023 period
- JSW project in the United Arab Emirates won **the Quality Engineering Award of China Building Materials Engineering Construction Association**
- **The National Classical Project of General Engineering Contracting in Survey and Design Industry** issued by China Survey and Design Association
- 3 projects of **the Equipment Group were awarded first-class achievements in the 2024 Construction Project Management Results** by the China Association of Construction Enterprise Management

Case: Lemi Project successfully ignites, "Star of Africa" shines in Ethiopia



Sinoma (Suzhou) successfully ignited the 10000t/d clinker cement production line for National Cement Company (NCC) in Ethiopia. This project utilizes globally leading intelligent control systems, offering advantages such as high efficiency, environmental protection, and energy savings. As the first 10000-ton cement clinker production line in Africa to adopt second-generation new dry-process cement technology, it was the cement project with the highest degree of intelligence, the best performance indicators and the largest output scale in Ethiopia, and is known as the **"Star of Africa"**.



10000t/d clinker cement production line at Lemi National Cement Company

Case: Completion of the ultrafine grinding project to help realize a "waste-free city"



Silica-calcium-based project is the first ultra-fine grinding project of Engineering Co., Ltd. Chengdu Design and Research Institute of Building Materials Industry Co., Ltd. After the completion of the project, it can achieve **100%** of industrial solid waste in Wuan City **"reduction, resource, harmlessness, industrialization"** comprehensive disposal target, effectively reduce industrial waste residue oppression of land resources, improve the ecological environment and water and soil quality, and help to achieve the **"Waste-free city"**.



Silica-calcium-based project 3D model/results map

Case: Oil sludge to light aggregates environmental protection demonstration line, filling the industry gap

The Equipment Group and Kangbo Environmental Technology Co., Ltd. have jointly developed the Shaanxi Kangbo Environmental Project, focusing on the research, development, and industrial application of new technologies and products, such as producing lightweight and high-strength aggregates from oil sludge. Upon completion, the project will be capable of processing **100,000** tons of oil sludge and pyrolysis residue and **130,000** tons of fly ash annually, providing an innovative solution for the large-scale and harmless treatment of petrochemical industry waste.

Strengthen quality control

The Company places a high premium on quality control. To improve the overall production quality, the Company strives to achieve a regulated and well-organized business process by strengthening institutional building, process control and basic management. In 2024, the cement mill and multiple-specifications rotary kilns independently developed by Sinoma-Tangshan Heavy Machinery Co., Ltd., a subsidiary of CNBM Equipment Group, successfully obtained the prestigious the **CE certification** in Europe. Additionally, CNBM Equipment Group's Quality Management Upgrade of Engineering Projects Based on Intelligent Construction was selected as **one of the best practices in corporate quality management**.

Institutional assurance

Based on the serial ISO standards, the Company has established and implemented internal systems such as the Management Manual for Quality, Environment, Occupational Health and Safety Systems, Compilation for Quality, Environment, Occupational Health and Safety Management System Procedures, and Identification and Evaluation of Laws and Regulations and Control Procedures for Technical Regulations / Standards. It continues to optimize the quality management system. In 2024, another **4** enterprises affiliated to the Company passed the ISO9001 quality system certification, bringing the total number to **50**.

Risk management

The Company integrates the concept of risk management into every stage of product manufacturing and service provision.

- At the industry level, we closely follow the latest environmental protection standards of the industry and integrate them into product development and service project approval to cope with the risks or opportunities brought about by industry technological progress and environmental protection requirements;
- At the product level, we adopt scientific performance indicator measurement and supervision methods such as data collection and analysis, expert consulting, and report compilation and evaluation are employed to identify influences and risks in product production and utilization, covering such aspects as energy consumption, resource utilization, waste discharge, carbon emissions, labor rights and interests, health and safety, and social responsibility. We actively formulate corresponding improvement measures to deliver high-quality and low-risk products and services;
- At the regional level, during the localization of operations, the Company integrates specific country risks into the consideration of product and service supply. It pays particular attention to the risks brought about by local government policies on environmental protection and energy conservation, personal safety of expatriate employees, religious beliefs, and national cultures.

Quality evaluation

- The Company continues to the **"Five Star Project"** program and actively created "Five Star Projects" with high-level performance ability, fast-growth economic benefits, efficient management level, high-standard safety engineering, and comprehensive support by Party building. It has established a project management expert database, and built the evaluation index system consisting of **48** evaluation indicators in five categories. The Company organized the first "Five Star Project" interim on-site inspection and the first exchange meeting, **4** projects of the affiliated enterprise have been awarded the "Five Star Project" by Sinoma International.
- The "Improvement of Limestone Sample Grade Qualification Rate in Cement Mines" declared by the Equipment Group won the 2024 Tianjin Quality Research Outstanding Achievement Award.

Provide dedicated and credible services

Sinoma International is committed to providing customers with high-quality services. To meet clients' lifecycle production needs, we integrate capabilities in design and development, equipment manufacturing, construction, operation and after-sales service capabilities establish communication mechanisms, with strategic partners including Holcim, CRH, Heidelberg Materials, InterCement, Goodfound Cement, EPCC, and YAMAMA. We strive to build a premium brand image known for integrity, capability and superior service.

Focus on customer needs

The Company conducts monthly, quarterly and annual tracking of contract performance quality and service progress. Regular satisfaction surveys are carried out through questionnaires, phone calls, and communication. The Company regularly return visits to important customers to understand customer satisfaction and related needs regarding products, services, prices and delivery time. In addition, a coordinated after-sales service system is established to continuously improve customer satisfaction. In 2024, **77%** of the Company's customers participated in the satisfaction survey, among them, **85%** of the Company's important or long-term customers participated in the satisfaction survey, reporting a satisfaction rate of **97%**.

Respond to customer complaints

The Company has set up a smooth and efficient complaint handling mechanism and diversified communication channels, customizing solutions to meet different customer needs. We have established an efficient customer complaint handling system that integrates the functions of classification, investigation and verification, planning, and follow-up and feedback.

Target:
By 2025



the participation rate in satisfaction surveys for the Company's important or long-term customers will reach **90%**



with customer satisfaction remaining above **97%**

Protect customer privacy

The Company places great importance on the protection of internal and customer privacy. To prevent the risk of private data leakage, we have taken measures such as system access control, user logs, employee confidentiality clauses/agreements and privacy policy education. In addition, we have clearly outlined confidentiality obligations in our contracts with suppliers, defining responsibilities for confidentiality and for breach.

Guarantee information security

At the governance level, the Board of Directors plays an overall supervisory role in the Company's information security. The chairman was once in charge of information security work. He led the formulation of the Company's digital development plan. Board members have extensive experience in information security management. At the executive level, the Company has set up a leading group on network security, with the Chairman and President as members, and formulated the Rules of Implementation for Network Security at the Sinoma International Headquarters, clarifying the reporting and management of information system security incidents. Measures such as awareness development, systems and measures improvement, and risk assessment are adopted to consolidate the information security foundation. Information security activities and information trainings are held on the occasion of the National Network Security Week, to ensure the continued effectiveness of network and information security management.

The Company's portal system and the Internet procurement platform have been certified for National Cybersecurity Classified Protection (Level 3). Its official website has been certified for National Cybersecurity Classified Protection (Level 2). The third-party vulnerability scanning and hacker attacks simulation are carried out every 1-2 years and upon the launch of new systems. We formulate an Information System Security Emergency Plan, and perform regular maintenance and updates. We strengthen protection to avoid major information security incidents. The mechanism of linkage with suppliers is strengthened to find the management loopholes and process gaps after detection of problems as soon as possible. Those who violate the information security system are held accountable to prevent disturbance of business operations by information security incidents.

Lead the industry innovation

Always taking technological innovation as the main driving force, Sinoma International actively develops the innovative management system, strengthens the construction of innovation platforms, and vigorously promotes the improvement of independent innovation capabilities. In 2024, Sinoma International successfully organized the 3rd Sinoma Cement Green & Intelligence Summit, which was 34% larger than the previous one, and showcased and promoted Sinoma International's latest technological achievements at internationally renowned conferences such as the WCA 2024 Annual Conference.

Improve the innovation management mechanism

Guided by its technological development plan, Sinoma International actively responded to the national strategy of innovation-driven development, accelerated the implementation of the "open competition to select the best" incentive mechanism, and pushed forward the Company's 14th Five-Year Plan series of scientific research projects on schedule. In 2024, the Company comprehensively arranged for the second and the third batch of key research projects, the second batch of technological innovation projects in the field of equipment manufacturing, and the first and the second batch of cutting-edge science fund projects during the 14th Five-Year Plan period, actively undertook major national innovation tasks, and held a signing ceremony for the major scientific and technological special project - open competition to select the best, during the 14th Five-Year Plan. 5 key scientific research projects in the first batch and 3 technical innovation projects in the first batch of equipment manufacturing field during the 14th Five-Year Plan have successfully passed the acceptance inspection.

The Company Actively implements incentives for scientific and technological achievements, implement a policy of treating research and development expenses as profits, and provide special rewards for the Company's science and technology awards and innovation awards, the award-winning achievements of the patent award, as well as authorized invention patents and standards promulgation. Additionally, special performance rewards will be given to the implementation teams of key projects.

The Company strictly abides by the Patent Law of the People's Republic of China, the Copyright Law of the People's Republic of China and other relevant laws and regulations. It has formulated the Intellectual Property Management and Protection Management Measures and the Science and Technology Achievement Award Management Measures, actively protecting intellectual property rights, and continuously cultivating new development momentum. In 2024, the Company conducted **the first patent award evaluation** work, selected one gold award patent, four silver award patents, and 48 excellent award patents, to guide and nurture high value patents. In addition, the Company initiated Intellectual Property Day activities to enhance employees' awareness of protecting intellectual property, actively playing the important role of intellectual property in serving innovation and supporting high-quality development.

Promote breakthroughs in innovative research and development

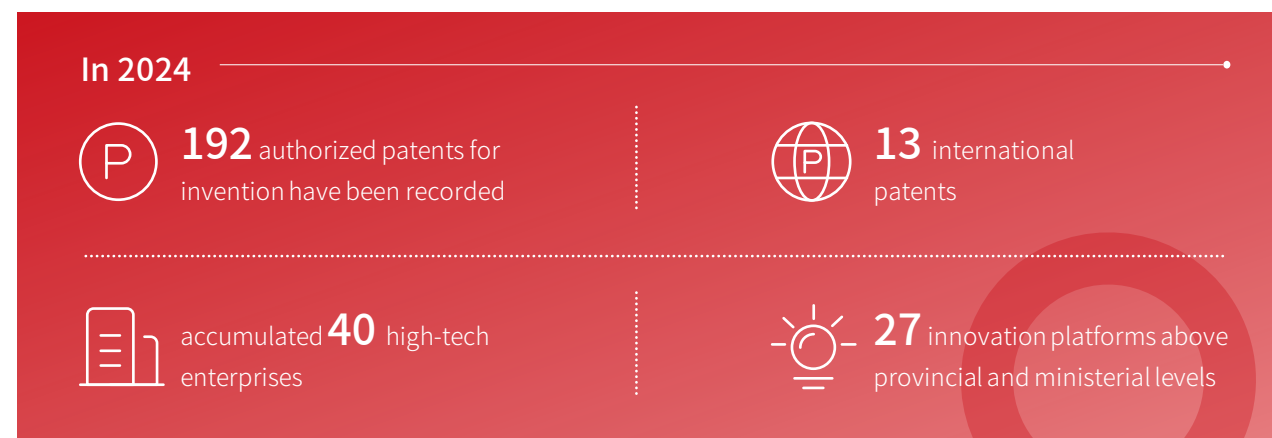
Sinoma International has strengthened the strategic orientation of innovative development, addressed the scientific and technological problems of innovative development, focused on breaking through key core technologies, and accelerated the transformation of scientific research achievements such as boiling calcination, low-carbon grinding, and hydrogen energy substitution. The world's first demonstration application of the cement full-oxygen combustion coupling carbon capture technology was officially released. The Company's high-quality development was driven by scientific and technological innovation achievements.



In 2024, the Company and its subsidiaries won a series of awards for innovation and R&D

- The project of Equipment Group, "Key Technology, Equipment and Application of Low-Carbon Cementitious Materials Prepared from Bulk Inorganic Solid Wastes", won **the first prize of Hubei Science and Technology Progress Award**
"The R&D and engineering application of key technology and equipment for intelligent control of cement preparation won **the third prize of Anhui Provincial Science and Technology Award**
- Sinoma International won **3 second prizes and 1 third prize of the Science and Technology Award of the China Building Materials Federation**
- 18 affiliated enterprises won **8 science and technology awards in China Building Materials Machinery Industry in 2024**, among which **2 first prizes**
33 technological innovation awards, among which **2 first prizes**
- The project of "Research, Development, and Application Demonstration of Integrated DeNOx Technology in Cement Industry" of Tianjin CNBM Engineering Research Center Co., Ltd., a subsidiary of CNBM Equipment Group, won **the first prize of the Golden Bridge Award of China Technology Market Association**
The "Complete Set of Technology and Equipment for Cement Kiln Integrated DeNOx" of Tianjin CNBM Engineering Research Center Co., Ltd., a subsidiary of CNBM Equipment Group, won **the second prize of the 2024 Tianjin Intellectual Property Innovation, Entrepreneurship, Invention and Design Competition**
- Sinoma International (Nanjing) "Yushan South Intelligent Factory" won **the second prize of the second session of the innovation competition in building materials industry**
- Nanjing Mine of Sinoma Mining Construction Co., Ltd. won **the first prize of the Science and Technology Progress Award of China Blasting Industry Association in 2024**
- The project of Sinoma International (Nanjing), "Digital Design and Construction Technology and Application of Green and Low Carbon Cement Plant", won **the second prize in the technical progress category of the Building Materials Science and Technology Award**
- The project of Research and Application of High-quality Green Development of Xiaoshangyu Limestone Mine of Nanjing Mining Laiwu Branch of Sinoma Mining Construction Co., Ltd. won **the second prize of Shandong Circular Economy Science and Technology Award in 2024**

In 2024, 89 standard projects were in execution, including 2 in international standards and 38 in national standards. The Company published 17 national standards and 2 industry standards, and successfully signed the third batch of major scientific and technological projects under the “open competition to select the best” program, the second batch of technological innovation projects in the field of equipment manufacturing, and the second batch of cutting-edge science fund projects.



Digital intelligence engine

Sinoma International has accelerated the construction of a "digital intelligence" driving engine in accordance with "14th Five-Year Plan" development strategy, established the “14th Five-Year Plan Digitalization Strategy of Sinoma International”. The Strategy has clarified the digital vision goal of building a fully digital Sinoma International and becoming a world-class provider of intelligent solutions for the materials industry.



In 2024, the Company and affiliated enterprises achieved many honors in the field of digitalization and intelligence

- Sinoma International Intelligent Technology Co., Ltd.'s "Data Elements Enabling Global Factory Operation and Maintenance Service Upgrade" has been selected as one of **the typical practice cases of data elements application scenarios in the industrial field by the Ministry of Industry and Information Technology (MIIT) in 2024**
- Sinoma International Intelligent Technology Co., Ltd. has won **4 national, 11 provincial and 12 industry-level honors for digital intelligence**.
- Equipment Group's "AI empowered unmanned application case of whole-process mining and transportation in Tiankuangshan" was selected as a **typical application case of artificial intelligence** by the Ministry of Industry and Information Technology;
The case of "Building Material Equipment Manufacturing Digital Intelligence Application Based on Internet of Things" was selected as a **typical case of intelligent manufacturing** by the Ministry of Industry and Information Technology.
The industrial Internet empowerment and public service platform of Equipment Group were selected as the **"Building Materials Industry Industrial Internet Demonstration Project"**
The "5G+ digital twin+ unmanned driving" intelligent mine construction program of Yuzhou Chenglei were selected as **"Intelligent Mine Pilot Demonstration Project"**
"Building materials industry engineering construction digital collaborative technology and application" project through **the scientific and technological achievements appraisal**
The "intelligent design solution for industrial engineering in building materials industry" and "R&D and application of engineering management collaborative industrial Internet platform" were selected as **new products of new technologies in in digital design and intelligent construction categories respectively**
- CBMI Construction Co., Ltd., Equipment Group, and CNBM (Hefei) Mechanical and Electrical Engineering Technology Co., Ltd. were successfully selected as **"2024 Building Materials Industry Demonstration Enterprises for Integration of Informatization and Industrialization"**
- CNBM Smart Industry Technology Co., Ltd. was awarded as **the 2023-2024 Building Materials Industry Management Innovation Enterprise**, and its Intelligent Transformation to Improve Production, Operation and Maintenance Management of Overseas Cement Plants won **the first prize of the 2023-2024 Building Materials Enterprise Management Innovation Achievement (Case)**
- CBMI Construction Co., Ltd. Supply Chain Platform Wins **"2024 Industrial Internet Demonstration Project in Building Materials Industry"** and the achievement case of CBMI Construction Co., Ltd., "Digital Empowerment, Intelligent Building for the Future, Digital Intelligence Construction Platform Helps Enterprises Digital Transformation", won **the first prize of the "2024 China Enterprise Reform and Development Excellent Achievements"**
- Sinoma International Nanjing Yushan South Intelligent Factory won **the second prize in the second Innovative Design Competition of Building Materials Industry**
"Technology and Application of Digital Design and Construction of Green Low-Carbon Cement Plant" won **the second prize of the Building Materials Science and Technology Award of technical progress**

» In terms of improving business management efficiency

Sinoma International Corporation focuses on its core businesses such as engineering services, high-end equipment, digital intelligence, and local operations. Centering on business links of the whole industry chain that includes "research, production, supply, sales, and service", it unifies data standards to achieve integrated empowerment from design and construction through to business management, to comprehensively support the Company's multi-format and international layout, and gradually transform itself into a digital solution service provider for the materials industry.

In 2024, the Company officially released the design digitalisation standard and realized the online operation of the design empowerment platform, started the construction of the equipment ERP system, made a new breakthrough in the "integration of industry and finance" with Sinoma International (Nanjing) as the pilot. The mine data operation management system went online and realized data self-collection in **28** projects. The global cement production protection operation service platform was put into construction, and the "double carbon" management platform was completed and put online.

Case: Digitally empowered supply chain, linking stable new future

CBMI Construction Co., Ltd.'s digital supply chain platform, with the help of Internet of Things technology, realizes the whole process monitoring and real-time data analysis of raw material procurement, transportation, warehousing and other links, so as to grasp the supply chain dynamics, optimize resource allocation, and reduce costs in time. It provides strong support for efficient collaboration and sustainable development of the industrial chain and was selected as the "2024 Industrial Internet Demonstration Project of Building Materials Industry".

» In terms of smart industrial transformation

Based on the industrial Internet platform and digital technology, the Company has worked from the five aspects of smart equipment, automated control, smart production, smart management and smart ecology, creating a top smart manufacturing brand in the industry. The Company and Tianshan Materials jointly established an intelligent working group to jointly promote the deep implementation of the intelligent factory standard version 2.0. The first phase of the "Tianshan Smart Brain" project was completed and launched online, and the "Research and Development and Demonstration Application of Digital Mine and Cement Factory Intelligent Laboratory System" was implemented in Luoyang Huanghun Tongli Cement Co., Ltd.

Case: Developing innovate intelligent solutions and creating efficient factory

Sinoma International Intelligent Technology Co., Ltd.'s Bijie Southwest Intelligent Factory has built a 6000t/d clinker cement production line with intelligent system, and it is equipped with 12MW pure low-temperature waste heat power generation project, compound desulphurisation project, denitrification project and municipal sludge disposal project at the same time. Typical scenarios of the project include fully automated laboratory system, one-key start-stop and expert optimization control system, intelligent inspection system, production monitoring and management integration IMOM platform, etc., which effectively improves the production efficiency, reduces the labor intensity, enhances the product quality and stability, and reduces the comprehensive power consumption and standard coal consumption by about 1% each.



Bijie Southwest Intelligent Factory

Sustainable supply chain

Sinoma International has established a transparent, dynamic and traceable supply chain system. With the concept of responsible procurement in mind, it has taken measures to manage suppliers and control risks. Attention is paid to green procurement and sustainable performance of suppliers and long-term, stable and sustainable partnership with them to achieve sustainable and win-win cooperation.

Improve supply chain management

Sinoma International and its subsidiaries comply with the internal management systems such as Supplier Management Measures and the Procurement Management System, and implement a strict supplier grading management system. Moreover, the Company manages suppliers by classifying them into qualified suppliers, potential suppliers and unqualified ones. In 2024, the on-line rate of the Company's procurement platform reached 100%.

Supplier access

The Company has a strict assessment and selection process for suppliers. For instance, suppliers are required to submit the Supplier Information Registration Form. Additionally, it has in place an overall investigation, assessment and rating process for suppliers through its online procurement platform and third-party professional platforms. Suppliers with a lower rating are subject to a detailed investigation and review to reduce cooperation risks.

Supplier management

The Company actively provides support for suppliers, and helps them understand the technical requirements of related projects and improve their expertise by organizing technical exchanges and meetings. At the same time, the Company communicates to suppliers about its future plans, and enters into strategic and framework agreements with high quality suppliers that can supply on a long-term basis, to facilitate their better development.

Supplier evaluation

An evaluation review is conducted annually for all registered suppliers to ensure consistency with the Company's Supplier Code of Conduct. Information review and on-site review are conducted for suppliers that perform during the year, covering price, product quality, environmental performance, production safety, and human rights protection. Suppliers are urged to formulate improvement plans to avoid potential conflicts with ESG requirements in respect of unqualified matters.

Supplier ESG assessment targets of Sinoma International Intelligent Technology Co., Ltd.



Short-term target

To increase the proportion of suppliers that will be subject to ESG risk assessment to **30%** of the total number of existing suppliers.



Long-term target

To achieve **100%** coverage of supplier ESG risk assessment.

Supplier support

The Company maintains close communication with suppliers. It conducts communication and training to suppliers in accordance with the Company's annual planning, development direction and project requirements. Also, it organizes technical exchanges on ESG topics such as "Dual Carbon" goals, health and safety management, and labor risk management to share best practices and benchmarking.

Supplier phase-out

A supplier selection and phase-out mechanism has been established. We pay close attention to situations that violate the Company's basic ESG requirements, such as quality issues, disputes over payment, employment risks, and noncompliance with energy conservation and environmental protection standards, and put forward rectification requirements for suppliers identified. For suppliers that refuse to rectify within the specified time or perform poorly, we put them on the supplier blacklisting.

Reduce supply chain risks

Sinoma International actively identifies environmental and social risks in the supply chain and pays attention to the ESG performance of suppliers throughout the duration of cooperation. It integrates ESG requirements to the supplier access mechanism to reduce supply chain risks.

Identifying sustainability risks of suppliers

The Company classifies suppliers into qualified suppliers, potential suppliers and unqualified suppliers based on the supplier's business performance, cooperative performance, product quality and the following aspects of sustainability risk.

- Environmental management: whether the supplier has been subject to administrative penalties for environmental problems, etc.;
- Social responsibility: whether the supplier has been involved in labor disputes and other legal entanglements, or has been subject to penalties from government for safety issues, etc.;
- Corporate governance: whether the supplier has been involved in corruption, bribery, conflict of interest or improper competition, etc.;
- Specific risks: if some countries are stricter with suppliers in terms of social responsibilities, suppliers will face higher social risks; Producers in certain industries or specific commodities of which production processes may involve high levels of pollution or energy consumption are exposed to higher environmental risks.

Green, low-carbon and eco-friendly products and services are prioritized for procurement. At the bidding stage of projects, the Company assesses the suppliers' environmental policies, environmental management systems and their level in resource use and waste management, and requires to meet corresponding environmental and emission indicators and energy efficiency levels. Besides, we pay great attention to product materials and production processes, organizing expert groups to carry out strict technical evaluation. The aim is to ensure that the selected products are low in consumption and low in pollution during production. During cooperation, the Company includes subcontractors in its unified management, and defines the safety and environmental responsibilities, obligations, specifies the safety and environmental access requirements for equipment and facilities, construction machinery and facilities. At the stage of evaluation on cooperation, the Company regularly supervises and reviews the environmental performance of audit suppliers to ensure their compliance with contract and environmental requirements, and to jointly solve environmental management issues.

Supplier management training for procurement staff

In 2024, the Company conducted supplier ESG performance competency assessment training for employees in the procurement department to enhance the procurement department team's ability to improve supplier ESG performance. Through the systematic course, the procurement team gained a deep understanding of ESG principles and their importance in corporate procurement decision-making, and mastered how to effectively incorporate ESG requirements into supplier evaluation, contract management and daily communication, laying a solid foundation for the Company and its suppliers to move towards a greener and more responsible future together.

The Company strengthens the regulation of supplier integrity, and focuses on preventive measures by requiring all suppliers to submit a commitment to integrity when accessing Sinoma International's online procurement platform. It requires the signing of Procurement and Subcontracting Integrity Agreements at the time of signing contracts with suppliers, and provides supervision and reporting channels to restrict procurement behaviors.

In 2024

100% coverage of suppliers for issuing integrity notification letters or signing integrity agreements

Supply chain integrity supervising and auditing

- The Company conducts regular special integrity inspections on the procurement and outsourcing business of its affiliated enterprises through telephone interviews and other forms;
- Each affiliated enterprise dispatches working groups to the project department from time to time, and conducts in-depth evaluation on the effect of the implementation of the supplier's integrity management through on-site inspection, face-to-face interview, data consultation and other forms.
- The Company conducts regular talks on integrity with key personnel in the procurement department, organizes warning meetings on compliance management and integrity risk, holds regular sessions on integrity education and warning education.
- The Company organizes return visits to suppliers or interviews with suppliers at irregular intervals to communicate and understand the integrity of the Company's personnel during business transactions, and promote the integrity cooperation with suppliers.

In 2024

100% of the affiliated enterprises have conducted or accepted special inspection, on-site inspection and return visits related to suppliers integrity



Ensure the supply chain stability

Sinoma International attaches great importance to the security and stability of the supply chain, and maintains constant attention to external factors such as wars, geopolitics, international relations and sanctions.

Actively expand supplier base every year and establish a multi-warehouse management system to prevent the risk of supply disruption and ensure the continuity of supply;

Adopt the backup strategy to manage suppliers of key goods and pay close attention to market changes to avoid the risk of supply chain disruption;

Make comprehensive arrangements for delivery dates. We formulate detailed delivery plans for projects in key regions, maintain communication with suppliers, freight forwarders, ports, shipping companies and other relevant parties, keep track of shipping routes and other transportation risks, and prepare various delivery channels to ensure that the goods can reach the designated locations in a timely and safe manner.

Shoulder the mission of the times in pursuit of global development

- Green and low-carbon products
- Respond to climate change
- Promote people's well-being

Green and low-carbon products

As a global leader in cement equipment service, Sinoma International assumes the responsibility of leading the industry's transition to green and low-carbon development. The Company is committed to providing owners with environmentally friendly and high-quality products and services. Leveraging its independently developed and globally leading cement technology and equipment service system, the Company actively develops low-carbon development technology pathways for the entire cement industrial chain to help industries continuously improve carbon reduction benefits.

The Company seizes the opportunity of clean technology, takes green and intelligent as its core development strategy, and integrates this concept into the Company's products and services. In 2024, the Company formulated internal green product screening criteria to form a Sinoma International green product directory.

Screening criteria

Principle I: Application of green technologies

Principle II: Products that have obtained a green low-carbon certification

Principle III: Products that deliver significant green benefits to third parties (customers, society, communities, etc.)

Green products

Value: Reduce pollutants and carbon emissions during its own construction, manufacturing, and operation, as well as during the use of equipment products and the operation of cement production lines by customers and owners.

In 2024, the revenue from green products reached

RMB 9.383 billion

accounting for 20.3% of the Company's total revenue

Among them:

Products aimed at mitigating global climate change

Value: Promoting waste recycling, reducing the use of fossil energy across industries and society, and driving the transformation of the energy mix. This reduces carbon emissions, contributing to a greener society.

In 2024, the revenue from products aimed at mitigating global climate change

RMB 8.688 billion

In 2024

the Company's investment in green R&D reached RMB 1.770 billion

In 2024, the Company invested 154 million yuan in the construction of alternative fuel processing center project and Sinoma (Handan) solid waste resource processing and production of rock fiber board investment projects, distributed photovoltaic projects, etc. By 2025, the Company plans to invest 500 million yuan in the field of green energy and environmental protection, focusing on the distributed new energy, alternative fuel processing center, and other projects, to support the green and low-carbon development of society.

R&D of low-carbon emission equipment

Sinoma International has been continuously making breakthroughs in the R&D and manufacturing of low-carbon emission equipment and promoting the application of low-carbon and ultra-low emission technologies in cement production processes. Tangshan Heavy Machinery has been awarded as a single champion enterprise of manufacturing industry in Hebei Province. Technical equipment and projects like green and low-carbon cement, the utilization of solid waste, large-scale alternative fuel technologies were put into use in Egypt, Saudi Arabia, and Poland, where there have been many overseas programs, creating green value for customers in all-round way.

>> In 2024 <<<

- ✓ The company's complete set of cement grinding system was successfully applied in the EPCC project in Saudi Arabia.
- ✓ The slag vertical mill entered overseas markets such as Malaysia for the first time.
- ✓ The large cement vertical mill was successfully applied in Africa's first 10,000-tonne cement production line.
- ✓ The world's first set of high-efficiency, low-resistance seven-stage preheater was successfully ignited in Xuzhou Longshan project.
- ✓ The Equipment Group's new key technology equipment for low-carbon cement completed pilot production.
- ✓ The phosphogypsum resource decomposition and sulfuric acid co-production cement project passed the final acceptance.
- ✓ The coal gauge suspension calcination silicon-alumina material pilot line was successfully put into production.
- ✓ The first large-scale steel slag ultrafine grinding process was fully implemented in Hebei Qingfeng project.

Case: Slag Micro Powder Production Line, New Benchmark for Circular Economy

In the field of slag and solid waste treatment, Central Asia Equipment, a subsidiary of the Equipment Group, with its own technology and product advantages, used slag vertical mills to **transform industrial waste into high value-added products** and realized the wide application of slag vertical mills in the international market, with a total of nearly 500 sets of slag vertical mills for sale, which helps the global building materials industry in its green transformation. In 2024, Central Asia Equipment successfully entered the Malaysian market and signed the project of Malaysia's annual production capacity of 1 million tons of slag micropowder production line, which uses slag micropowder for the production of slag cement, and reduces carbon dioxide emissions by about **800,000 tons/year** compared with the traditional cement process, effectively realizing the recycling of slag resources, with remarkable energy-saving and emission reduction.

Through collaboration with external resources, carbon management system, and digital transformation, the Company reduces carbon emissions from equipment production. At the same time, the Company actively participates in low-carbon product certification and improves the transparency of the carbon footprint evaluation on its products to help customers better understand the carbon emission status of its products. All this helps the Company promote green, intelligent, and efficient equipment manufacturing.

Case: R&D of Low-Carbon and Efficient Grinding Equipment to Advance Cement's Low-Carbon Transformation

An efficient grinding semi-industrial test platform was established by the Equipment Group. Key technologies and complete equipment for raw material activation calcination and cement graded grinding were developed, achieving a carbon emission intensity of **≤470 kg/t** for 42.5-grade cement, a **27%** reduction compared to traditional grinding technologies.

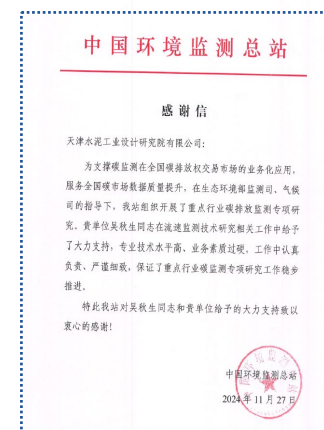
In September 2024, the graded grinding project completed performance tests at a Heidelberg cement plant in Thailand. Following the project's official operation, the clinker factor for different cement varieties decreased by 7-15%, and cement carbon emissions were reduced by 60-100 kg/t, leading to an annual reduction of **70,000-120,000 tons** of CO₂ emissions.

Research of low-carbon technologies

Sinoma International vigorously develops green technology, which has researched and applied carbon reduction technologies, and developed carbon capture and utilization technologies. The Company strives for breakthroughs in energy conservation and carbon reduction technologies with respect to “alternative fuels”, “clay calcination”, and “oxy-fuel combustion”, constructing a solid technical foundation for the low-carbon development of the cement industry. In 2024, **the first new energy storage laboratory was successfully inaugurated**.

- Sinoma International (Nanjing) promotes the Jiangsu Province's major scientific and technological achievement transformation project—the R&D and industrialization of key technologies for low-carbon combustion processes and equipment in cement kilns with **40%** fossil fuel substitution. By developing vortex combustion devices, fluidized bed low-temperature gasification technology, and high-temperature dust and chlorine removal technology, the project has overcome the technical bottleneck of directly suspending the combustion of refuse-derived fuel (RDF) in decomposition furnaces. The fossil fuel substitution rate was increased from the current domestic advanced level of 30% to over 40%, with the low-quality alternative fuel substitution rate reaching an internationally leading level. Compared to using only fossil fuels, this reduces the total CO₂ emissions from cement production by more than **10%**.

- The Equipment Group actively carried out research on online carbon emission monitoring technology for cement plants, and the independently developed "Online Monitoring and Measurement Technology for High-Flow CO₂ Emissions under Complex Flue Gas Conditions" successfully passed the scientific and technological achievement appraisal and carried out pilot research in Fujian Sanming Southern Cement Co.. to continue to promote the cross-validation of online carbon emission monitoring and accounting methods, further improve the accuracy of measurement and reduce the equipment costs. Since April 2024, it has reported monitoring data and comparative analysis reports to the General Station of Ecological Environment Monitoring on a regular monthly basis, and exchanged experience at the National Pilot Work Promotion Meeting on Deepening Carbon Monitoring and Assessment for Thermal Power, Iron and Steel, and Cement, and received **a letter of appreciation from the General Station of Monitoring of the Ministry of Ecology and Environment**.



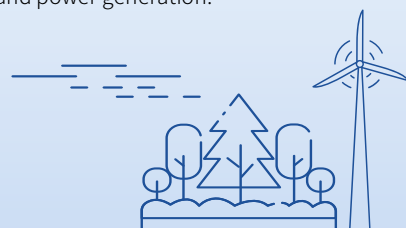
- Sinoma International Intelligent Technology Co., Ltd. developed precision metrology technology for key flue gas parameters, including CO₂ emission concentration and flue gas flow at cement kiln exhaust ports. The Company participated in the pilot work of the Ministry of Ecology and Environment for the cement industry and the formulation of carbon online monitoring standards by the China National Environmental Monitoring Center. It also undertook the pilot project of carbon online monitoring for Changshan Southern Cement Co., Ltd..
- "Key Technologies for Low-Energy Consumption Calcination Systems in Cement Plants", "Intelligent Wet Flue Gas Desulfurization Systems and Equipment for Cement Kilns", "Key technology and equipment for co-disposal of domestic waste in cement kilns", and "Core equipment and technology for final grinding in external cycle cement vertical mills" of Sinoma International Intelligent Technology Co., Ltd. were selected into the Recommended Catalogue of New Technologies, Products and Materials of Jiangsu Province's Building Materials Industry.
- Beijing Triumph International Engineering Co., Ltd. participated in the National Key R&D Program "Common Key Technology and Demonstration of Carbon Capture in Combustion of Typical Industrial Processes", and the project's "Industrial Technology Scheme for Carbon Capture in Cement Industry Combustion" passed expert review.

Provision of low-carbon services

Sinoma International has accelerated the landing of green energy and environmental protection business, developed alternative fuel industry chain platform and green energy professional platform, and helped promote the energy transition of global owners and other industrial and commercial users.

Sinoma Overseas Development Co., Ltd

- Has developed a business development system covering wind, electric, and photovoltaic EPC, wind power hybrid towers, smart microgrids, new energy development, and new energy storage. It has a total construction scale of **2.3GW**. The company has cumulatively served 21 smart microgrid and energy storage projects for basic building materials and new material enterprises, with a construction scale of **129MW**. 9 projects, including tonglu sanshi and zhuzhou new materials, have achieved grid connection and power generation.



Sinoma International Environmental Engineering Co., Ltd

- Is actively building an alternative fuel industry chain platform, establishing an integrated business system for the collection, storage, processing, transportation, and use of alternative fuels. It processes household waste, waste textiles, and waste tires into alternative fuels for cement production lines, bringing significant carbon reduction benefits to the industry chain. Customized alternative fuel supply services have been provided to **46** cement plants, increasing the fuel substitution rate by **2.5** percentage points, with benchmark plants such as hefei south and CUCC nanyang achieving substitution rates of over **35%**. By the end of 2024, sinoma international environmental engineering co., Ltd. Had built **11** alternative fuel processing centers with an annual production and processing capacity of **1.2** million tons.

Incoming solid waste reception and disposal target



This year, the Company disposed of and consumed a total of **377** thousand tons of incoming solid waste, with the disposing capacity of over **1.2** million tons



By 2025, the Company plans to achieve a capacity of **2.35** million tons per year for incoming solid waste consumption and disposal.

Case: Photovoltaic power generation transformation and application leads green energy transition

At the beginning of 2024, Sinoma Overseas Development Co., Ltd. collaborated with Turkey's Limak Cement to complete the first phase of a **28.2MW** photovoltaic power generation project. The project covers four plots across three cement plants of Limak Cement, with the scope of work including design, procurement, supply, installation, civil construction, and commissioning. The successful signing of this project marks a new chapter in the cooperation between the Company and Limak Cement in the green energy field. The Company will continue to support Limak Cement's strategic plan for energy saving and carbon reduction, promoting its green development.

Creation of a low-carbon factory

With its low-carbon technology advantages, Sinoma International provides global owners with high-quality green and low-carbon engineering services to help them accelerate the decarbonization process and address the globally increasing pressure of energy conservation and carbon reduction. Up to now, we have successfully built world-class green and intelligent demonstration projects in locations such as Huzhou Huaikan Southern Cement Co., Ltd, Wuzhong Saima in Ningxia, and the K6 project in France and CUCC Xuzhou first-line energy saving, emission reduction and carbon reduction technology reform project and other emission reduction benchmarking projects.

Case: Technological innovation drives service upgrades to create a green transformation model for cement plants

For the CUCC Taishan 5000t/d Clinker Production Line Energy-saving and Emission-reduction Technical Renovation Project, undertaken by the Equipment Group on an EPC basis, the standard coal consumption per ton of clinker reduced by **18 kgce/t.cl**, the comprehensive power consumption per ton of clinker decreased by **15 kWh/t.cl**, and the ammonia water usage decreased by 3 kg/t.cl, and the production cost per ton of clinker decreased by approximately RMB 32 yuan. All indicators have met and exceeded the national first-level energy consumption standards, setting a benchmark for the green transformation of the industry.



CUCC Taishan 5000t/d clinker production line

Sinoma International (Nanjing) developed the Wuzhong Saima Project, which utilizes the high-efficiency, low-resistance, low-nitrogen six-stage preheating and pre-decomposition system independently developed by itself. This system significantly optimizes production operations, reduces energy consumption, and enhances labor productivity. The project makes full use of local industrial waste residues (such as iron tailings and fly ash) as raw materials and additives, achieving **green utilization of solid waste resources**. It is a modern factory integrating green, intelligent, and high-end features. The project has been awarded numerous honors, including "2021 Intelligent Manufacturing Demonstration Factory" by the Ministry of Industry and Information Technology and three other ministries, "Intelligent Factory" and "Green Factory" by the Ningxia Autonomous Region, "Typical Case of Intelligent Manufacturing and Digital Transformation in the Building Materials Industry", National Green Mine, and 2023 Energy Efficiency "Front Runner" in key industries. These accolades have established the project as a benchmark for green and intelligent development in the cement industry.



Panorama of Wuzhong Saima

Respond to climate change

Sinoma International actively responds to the national "14th Five-Year Plan", the "Dual Carbon" goal and the Implementation Plan for Carbon Peak in Building Material Industry, and follows its Comprehensive Risk Management System. With reference to the framework recommended by the Task Force on Climate-related Financial Disclosures (TCFD), Sinoma International proactively identifies operational risks that may arise from climate changes and actively carries out green innovation research and development, so as to provide professional support for the industry to cope with climate risks and help the society to carry out low-carbon transformation.

Climate change governance

Sinoma International formulates the Implementation Rules of the Strategy, Investment and ESG Committee of the Board of Directors of the Company, and determines the supervision and management responsibilities of climate-related matters. The Strategy, Investment and ESG Committee is generally responsible for the climate change-related matters of the Company, including overall monitoring of climate risks and opportunity identification, formulation and review of the Company's sustainable development vision, and supervision on the implementation of goals and strategies. The committee also reviews climate change-related matters every year, and reports to the Board of Directors.

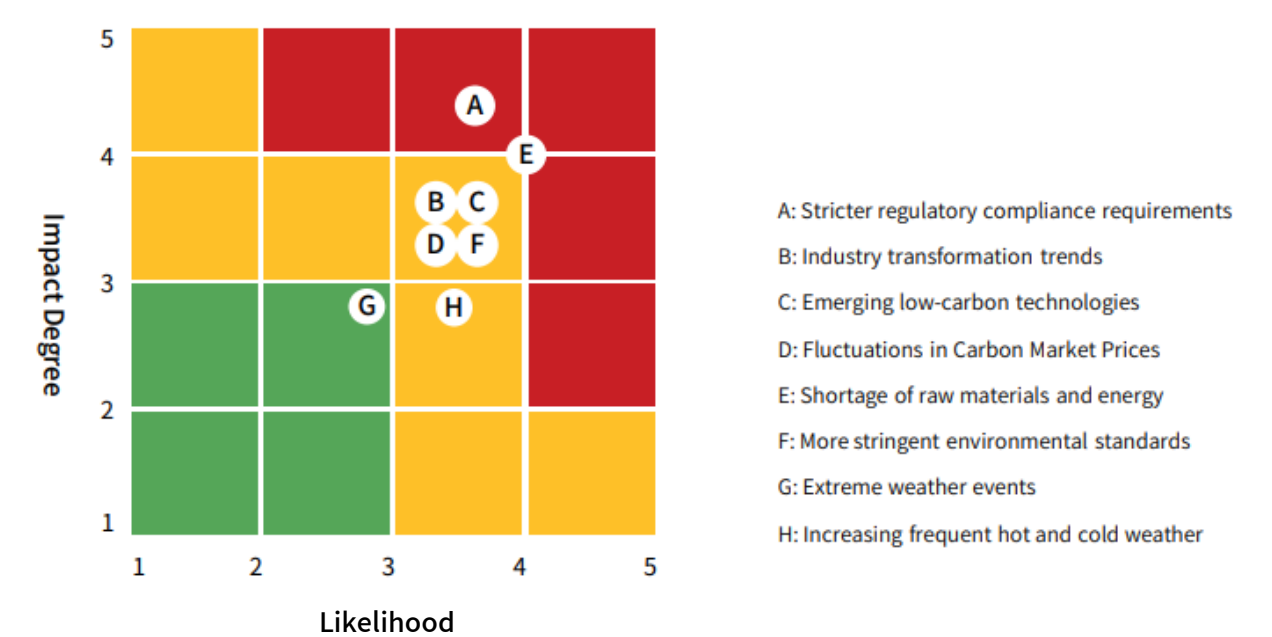
The Ecological and Environmental Protection Leadership Group, chaired by the Chairman and President, is responsible for overseeing the comprehensive development of the Company's ecological civilization. It organizes and implements various tasks related to peaking carbon emissions and achieving carbon neutrality. In the process of strategy formulation, enterprise development and project execution, the leading group always pays attention to the risks and opportunities brought by climate change. Under the leadership of the Company, each affiliated enterprise has set up a leading group to respond to climate change issues across disciplines.



Climate active strategies

Sinoma International takes climate change as an important issue, and integrates it into the Company's sustainable development strategy. Climate change-related matters are also embedded into all aspects of the Company's overall decision-making, production and daily operation, which helps alleviate global warming and achieve the "Dual Carbon" goal as scheduled.

The Company's exposure to climate change involves updates in policies and regulations, the application of emerging technologies, shifts in market demand, and other fields. Climate risks are prioritized based on their impact and likelihood of occurrence, and effective management measures are established accordingly.



In the climate risk matrix above, different colors represent different levels of climate risk, and risks located in areas with different colors will be subject to different levels of control:

For red areas

- Ensure to avoid and transfer risks, and prioritize the implementation of preventive measures

For orange areas

- Strict control of risks and specialization of additional control measures

For green areas

- Close monitoring, but no additional control measures

Targeted plans and measures have been implemented to address the short-term, medium-term, and long-term impacts from climate change. These efforts aim to avoid and adapt to adverse effects while seizing opportunities presented by climate change.

| Risks arising from climate change | | | | |
|-----------------------------------|---|--|--------------|--|
| Risk categories | Risks arising from climate change | Potential impacts on the Company | Time horizon | Response measures |
| Transformation risk | | | | |
| Policies and laws | Stricter regulatory compliance requirements | <ul style="list-style-type: none">Non-standard information disclosure will result in higher compliance penalties from the government or regulators | Medium term | <ul style="list-style-type: none">The Company pays close attention to the latest laws and regulations, governmental requirements and targets, and formulates plans and measures in accordance with the newly introduced or updated requirements and targets. |
| Market | Industry transformation trends | <ul style="list-style-type: none">Affected by the international carbon reduction situation, the cement industry is facing transformation pressure and restrictive policies | Medium term | <ul style="list-style-type: none">The Company focuses on the industry trend and analyzes the advantages and disadvantages of emerging technologies brought by new entrants, and the substitution risks for current products and technologies. The Company also applies environmental protection technologies, including waste heat recovery power generation, comprehensive technical upgrading in energy conservation and consumption reduction, and the use of clean energy. |
| | Emerging low-carbon technologies | <ul style="list-style-type: none">Newcomers to the market have increased the Company's competition pressure in technology | Medium term | |
| | Shortage of raw materials and energy | <ul style="list-style-type: none">Water scarcity makes it difficult to obtain water, increasing the Company's water costsSwelling fuel prices bring about higher project costs and lower cost effectiveness | Medium term | |
| Technology | More stringent environmental standards | <ul style="list-style-type: none">Increasing investment in clean technology leads to higher operating costs | Short term | <ul style="list-style-type: none">The Company actively promotes the construction of green factories and green mines, and expands the R&D and application of green and clean technologies. |

| Risks arising from climate change | | | | |
|---|---|---|--------------|--|
| Risk categories | Risks arising from climate change | Potential impacts on the Company | Time horizon | Response measures |
| Physical risks | | | | |
| Acute risks | Extreme weather events | <ul style="list-style-type: none">Strong winds, high temperature, extreme cold, land subsidence and other extreme weather events affect the construction schedules, construction safety and asset safety | Long term | <ul style="list-style-type: none">The Company analyzed typically good responses to extreme weather events in recent years. In 2024, 17 of the Company's enterprises have emergency plans to deal with extreme weather. The Company strictly implements safety regulations such as the Technical Code for Safety of Working at Height of Building Construction and Safety Operation Procedures for Working at Height, ensuring the implementation of emergency plans. |
| Chronic risks | Increasing hot and cold weather | <ul style="list-style-type: none">Increasing safety hazards in the work environment require more investment in securing employees' health and safetyDecreased stability of energy supply impels the Company to optimize energy structureIncompatibility of the selected vegetation with the climate at the mine sites results in higher operating costs | Long term | <ul style="list-style-type: none">The Company constantly monitors related climate change to make timely adjustment to work plans and reduce safety hazards in the work environment. |
| Opportunities arising from climate change | | | | |
| Opportunity categories | Opportunities arising from climate change | Possible impacts on the Company | Time horizon | |
| Products and services | Innovation and technology development | <ul style="list-style-type: none">Respond to the market by developing technologies such as renewable energyand carbon capture to enhance the Company's resilience and competitiveness | Medium term | |
| | More low-emission products and services | <ul style="list-style-type: none">Increase revenue by providing low-carbon products or services | Medium term | |
| Energy sources | Use of low-emission or renewable energy | <ul style="list-style-type: none">Lower operating costsTap into green services to increase operating income | Long term | |

Dual Carbon Implementation Plan

In 2024, in accordance with the "Guiding Opinions on Promoting the High-quality Development of Central Enterprises to Achieve Carbon Peaking and Carbon Neutrality" issued by the State-owned Assets Supervision and Administration Commission of the State Council and the 'Implementation Plan for Carbon Peaking and Carbon Neutrality' issued by China National Building Material Company Limited, the Company formulated the "Carbon Peaking and Carbon Neutrality Implementation Plan of Sinoma International Engineering Co., Ltd." This plan clarifies the timeline and roadmap, positioning the Company as a leader in achieving the national and Group's "dual-carbon" goals.

Establish and improve the carbon management system

The Company strengthens energy consumption and carbon emission data statistics. The Company is actively participating in low-carbon product certification and improving the transparency of product carbon footprint evaluations. By 2024, the Company had compiled and completed the carbon emission accounting guidelines and templates, commissioned third-party carbon audits, and conducted two training sessions for employees and management, including "Dual Carbon Reporting and Policy Interpretation" and "Achieving Carbon Peaking and Carbon Neutrality from Sinoma International's Perspective".

Accelerate the electrification of mining equipment and facilities

The Company adheres to the strategy of equipment large-scale, specialized, new energy, and intelligent development to optimize and efficiently utilize energy. The Company actively promotes the electrification of new energy mining vehicles and non-road mobile machinery, conducting cost-benefit and carbon reduction analyses of new energy vehicle use.

Accelerate the transformation of production and life energy structure

The Company is vigorously promoting the application of oil-to-electricity technology, encouraging qualified units to strengthen the construction of photovoltaic and wind power generation, continuously improving the energy structure, enhancing energy efficiency. The Company actively explores energy storage technologies to address the intermittency of renewable energy and ensure energy supply stability.

Improves the incentive mechanism for energy conservation and emission reduction

The Company has established and improved incentive mechanisms to recognize and reward departments and individuals who excel in energy conservation and emission reduction efforts. This has motivated employees and ensured the effective implementation of measures. At the same time, the Company strengthens the evaluation and supervision of the implementation effects of energy conservation and emission reduction measures, ensuring the effective implementation of various measures, and promptly rectifying any non-compliance.

Invest more in technology research and development to enhance carbon reduction benefits of the industry

Through further cooperation with universities and research institutions, we'll strive to develop and manufacture low-carbon equipment, promote the application of low-carbon and ultra-low emission technologies in cement production, and develop carbon capture and utilization technologies. We will try to make breakthroughs in three aspects: alternative fuel, clay calcination and oxygen-fuel combustion, and build creative green factories, so as to provide high-quality green low-carbon engineering services for global owners, and help them accelerate the decarbonization process.

Strengthen policy research and international cooperation

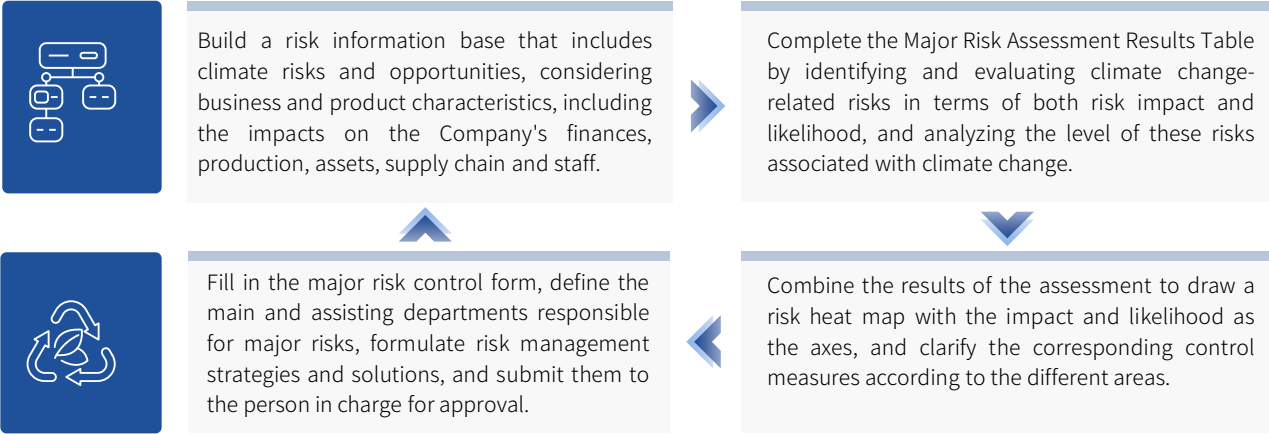
We will closely monitor changes in domestic and international policies and regulations, particularly policy developments such as the carbon border adjustment mechanism in developed countries and regions, including the EU. We will strengthen the research and interpretation of policies, make preparations in advance, reasonably adjust the development strategy and the mode of production and operation, as it works to reduce the impact of policy risks on enterprises. We actively participate in international co-operation projects, strengthen technical exchanges and co-operation with international counterparts, introduce advanced low-carbon technologies and management experience, and promote international development.

Promote the coordinated development of the industrial chain

We will seek to strengthen communication and cooperation with upstream and downstream enterprises to jointly build a green and low-carbon industrial chain. As for the procurement of raw materials, we will give preference to environmentally conscious, green-minded suppliers. In the sales process, we will try to guide customers to adopt low-carbon methods of use and maintenance. Through industrial chain collaboration, we seek to realize resource sharing and complementary advantages as a way to jointly promote the green development of the whole industry.

Climate risk management


Sinoma International attaches great importance to climate risk management, and identifies and assesses risks and opportunities arising from climate change through the following processes, which serves as a reference for the Company's strategic planning and business development.




Climate-related indicators and targets

Targets


By 2025

- 


The carbon emissions intensity including Scope 1 and Scope 2 will be reduced by


2%
- 

Energy consumption per RMB 10,000 revenue will be reduced by

2%
- 

The penetration rate of renewable fuels for new construction vehicles purchased by mining enterprises will reach

40%
- 

100% of the Company's production enterprises and newly invested production and operation projects will have emergency plans to deal with extreme weather
- 

Investment in green and low-carbon technology research will account for

3.60%

of the output value

By 2030

- 

The Company will provide the customers with "zero emission mining and zero emission cement" solution.

● Note: "zero emission" refers to zero purchased electricity, zero fossil fuels, zero primary resources, zero carbon emissions, and zero waste emissions.

Promote people's well-being

Sinoma International has developed a global vision and demonstrated the responsibility of central enterprise. We paid back to society by concrete efforts including engaging in public welfare and charity services, actively supporting rural revitalization and continuously delivering foreign aid, helping to build a community with a shared future for mankind.

Contribute to economic growth

Sinoma International stays committed to giving back to society while seeking its own stable operations and development. We will continuously improve investment efficiency, strengthen cost-competitive advantages, and enhance overall economic performance, achieving a balance between economic growth and social responsibility.

We strictly abide by the laws and regulations of various countries, and actively fulfill our tax obligations. In addition, according to the tax policy issued by the Ministry of Finance and the State Taxation Administration of the People's Republic of China, we promise to use the arm's length principle for transfer pricing. We won't transfer the value created to low tax jurisdictions, or avoid taxes through confidential jurisdictions or so-called "tax havens". In 2024, the Company saw a tax payment up to RMB 1.908 billion, contributing to the economic development of the country and region where it is located.

Commitment to public welfare and charity

Sinoma International is enthusiastic about social and public welfare undertakings and contributes to society with concrete efforts. We actively donate to the Group’ s “Well-constructed” fund, encourage our employees to volunteer, and regularly carry out charitable donations, disaster relief and emergency relief, project assistance and other activities.

In 2024

- 

The Company donated RMB 5.3771 million to the “Well-constructed” fund and other charitable institutions


1,562 employees as volunteers
- 

Contributed a total of 6,798 hours in the year

Participating in or supported 9 activities related to protecting the rights and interests of women, children, or people with disabilities

Supportive to rural revitalization

Sinoma International earnestly implements the 'Measures for the Implementation of the Rural Revitalization Accountability System' and fully implements the Group's requirements for supporting rural revitalization. The Company has established a rural revitalization support organization, focusing on areas such as rural revitalization, industrial development, project construction, social livelihood, and consumer assistance. These efforts aim to consolidate and expand the achievements of poverty alleviation and effectively link them with rural revitalization in Yongshan County, Yunnan Province, where the Company provides targeted assistance, thereby fulfilling its social responsibilities as a central enterprise.

 In 2024, the total investment in rural revitalization amounted to RMB **5.304** million.

Records of assistance provided by Sinoma International in Yongshan County

In the past nine years, Sinoma International has dispatched 56 young volunteers to participate in the "Colorful Class" program, letting youth blossom in dedication:

In August 2024, the "Good Learning Elite" volunteer service team came again to Hongguang School in Yongshan County, Yunnan Province to conduct the "Shan Jian" Colorful Class activities. Ten young volunteers from the Company donated stationery kits to the children, and designed diverse courses covering the history of the Party, corporate culture, natural sciences and practical activities for 55 left-behind students. These efforts planted the seeds of dreams in the children's hearts and ignited hope for rural revitalization.

Case: Capturing 'Life Photos' and Lighting Up Childhood with 'Shimmering Light'

Sinoma International's "Shimmering Light Project" is a highlight activity of "Good Construction" "Colorful Class" Volunteer Program. In 2024, volunteers captured 'life photos' for over 60 left-behind children, addressing their lack of personal photos due to limited family resources. Sinoma International has brought practical care and support to the left-behind children through the "Shimmering Light Programme", and injected warmth and strength into their growth with companionship and care.



Photo with children in Sinoma International "Shimmering Light Programme"

Deepen overseas responsibility fulfillment

Sinoma International continues to promote coordinated regional development. We have implemented the "Belt and Road" Initiative, followed the approach of consultation and collaboration for shared benefits, and adhered to the principles of "making contributions to the local economy development, cooperating friendly with local enterprises, and serving the local people". We have promoted the integration of global technologies, talents and culture, supported the economic and social development of the project site, and contributed our efforts to build a community with a shared future for mankind.

In 2024, CBMI Construction Co., Ltd.'s South African company was invited to contribute to the preparation of the **Report on Social Responsibility of Chinese Enterprises in South Africa (2024)**, which comprehensively highlights the significant contributions and positive impact of Chinese enterprises in fulfilling their social responsibilities in South Africa.

Reach out to community

Sinoma International regularly engages with local communities to understand their needs and implements targeted measures to support local development, thereby improving the quality of life for community residents. During the implementation of Sinoma Overseas Development Co., Ltd.'s Iraqi project, due to the issue of land use by residents outside the plant, Sinoma proactively assisted the owner in communicating with the local government, explaining in detail the progress of the project and machinery usage, and resolving the relevant issues satisfactorily to safeguard the rights of the local residents.

Case: Win-win cooperation between China and Uzbekistan to achieve rapid development of infrastructure

Since its operation, the GBM Building Materials Production Base in Uzbekistan, of Beijing Triumph International Engineering Co., Ltd. has driven the high-quality development of the local construction industry and infrastructure through its high-quality building materials, making significant contributions to regional infrastructure improvement. It has been highly praised by the local deputy district mayor, and has set an example as for how to implement the "Three Principles of Win-Win Cooperation" of Sinoma International.



Deputy District Mayor of Uzbekistan visited GBM Building Materials Production Base

Case: Caring for children's growth and accurately assisting community development

During the construction of the L'amali Line 2--5,800t/d EPC Project and the Ganfeng Project in Argentina by Sinoma Overseas Development Co., Ltd., the company donated children's strollers worth approximately US\$800 for Children's Day to support the growth of local children. This initiative was highly praised by the Argentine Construction Workers Association and the local community, demonstrating the Company's social responsibility and humanistic care.



Sinoma Overseas Development Co., Ltd.'s stroller donation campaign

Promote cultural integration

Sinoma International fully supports local cultural development and is committed to promoting traditional Chinese culture.

Case: Exchange of traditional culture and friendship between the two countries

To celebrate the New Year and deep friendship between the two countries, the "Happy Spring Festival Temple Fair 2024", organized by the Embassy of the People's Republic of China in the Federal Republic of Nigeria and the China Cultural Center in Nigeria and co-organized by the China General Chamber of Commerce in Nigeria, kicked off in February 2024. CBMI Nigerian perfectly fused Chinese and foreign cuisines, and the meal won the second prize, contributing to the cultural exchange between China and Nigeria.



Support local education

Sinoma International fully supports and encourages the development of local education and contributes to educational equality.

Case: Spread love at school: School-enterprise interaction to promote prosperity

The Goodfound Grinding Station Project Department of CBMI Construction Co., Ltd. in the Philippines organized a visit for employees to TUPAS Primary School, located near the project site, for a gathering themed 'Caring for Primary School Students.' During the event, project department staff, teachers, and students participated together, enabling the children to learn about Chinese culture and broaden their horizons through cultural exchange. This not only strengthened the bonds between the enterprise, the community, and the school but also built a bridge for cultural exchange between China and the Philippines, providing new momentum for the growth and educational development of local students and showcasing the enterprise's social responsibility and humanistic care.

Increase local employment

While providing high-quality engineering and technical services for the owners, Sinoma International is committed to providing employment opportunities for local people and promoting local economic development.



The Company encourages local employment and promotes local employment, using more than **20,000** local workers throughout the year. The Company has over **50%** of its employees at all levels hired from a local talent pool.



In Chengdu Design and Research Institute of Building Materials Industry Co., Ltd., **84%** of the employees are hired locally, and **40%** of the middle-level and senior staff are local talent.

Over the years, Chengdu Design and Research Institute of Building Materials Industry Co., Ltd. has consistently respected local customs and dietary practices. By integrating corporate and local cultures, it has demonstrated special care for local staff during important traditional festivals such as Kurban Bayrami and Eid al-Adha, and established Muslim restaurants in all project camps. This has strengthened the sense of belonging and identity among Egyptian employees.

Case: Focusing on the training of local talents and actively promoting local employment

In 2024, Sinoma (Suzhou) Construction Co., Ltd., in collaboration with multiple enterprises and schools, established the Ethiopia Industry-Education Integration Training Center. The center conducts teacher training, Chinese language instruction, and job skills training, exploring the "Chinese Language + Vocational Skills" model to support international production capacity cooperation. It aims to enhance the Chinese language proficiency, vocational skills, and overall quality of local employees while cultivating composite local talents proficient in both Chinese language and technology. The establishment of the center provides strong support for the Company's deep-rooted local operations and social responsibility fulfillment, facilitates local talent development and employment, and promotes people-to-people exchanges between China and Africa.

Case: Localized Employment and Skill Enhancement, Sinoma Overseas Development Co., Ltd.'s Win-Win Practice in Argentina

In the Argentina Ganfeng project, Sinoma Overseas Development Co., Ltd. employs over 170 local staff, accounting for approximately **85%** of the workforce. This has effectively alleviated local employment pressure and contributed to the community's economic development and talent team building.

In the L'amali Line 2 5800t/d EPC project, Zijin project, and Ganfeng project, Sinoma Overseas Development Co., Ltd. has organized over **300** professional and technical training sessions for local staff, covering electrical work, professional welding, and on-site safety management. These efforts have significantly enhanced the skill levels of local employees and achieved win-win development between the Company and the local community.



Outlook

As the years pass, a new chapter begins. We will relentlessly pursue excellence and strength.

The year 2025 marks not only the conclusion of the 14th Five-Year Plan but also the end of the first five-year phase of the 'Two-Step Strategy' aimed at achieving the Long-Range Objectives Through 2035. Standing at the forefront of this era, we have gained profound insights into the new landscape. We will courageously embrace new responsibilities and face challenges with unwavering determination and quiet confidence. Guided by Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, we are committed to crafting a remarkable chapter of high-quality development with "one core and two drivers" as the cornerstone.

Guided by the principles of "one center, two priorities, three focal points, and four roles," we are committed to shaping a new era of high-quality development for Sinoma International. Focusing on optimized production and operations, we will relentlessly pursue steady growth in performance. By prioritizing the service-oriented transformation of our core business and extending the local value chain, we will significantly enhance our ability to create value. Concentrating on high-end equipment, digital intelligence, and low-carbon development, we will fortify the resilience of our industrial chain. We will fully harness the power of innovation-driven development and reform to fuel progress, while effectively fulfilling our roles in risk prevention and supporting the Group's high-quality growth. With unwavering determination and relentless vigor, we will inscribe a new chapter in our quest to become a world-class enterprise.

In the grand journey of 2025, we will work together to thrive in a new situation of high-quality development of the enterprise and steadily go forward on the road of being a world-class service provider in the construction materials industry. Integrating the industrial chain and having the whole world in view, we are committed to promoting sustainable development, in an effort to contribute to the progress of the industry, national prosperity and a better world!

ESG key performance

Environmental data

| Key performance indicators | | Unit | 2024 |
|---|-------------------------------------|--------------|------------|
| Total emission of nitrogen oxides (NO _x) | | tons | 0.70 |
| Total emission of sulphur dioxide (SO ₂) | | tons | 0.12 |
| Emissions of industrial particulate matter | | tons | 4.62 |
| Total emission of Volatile Organic Compounds (VOCs) | | tons | 35.32 |
| Total amount of wastewater pollutant discharge | Chemical Oxygen Demand (COD) | tons | 0.42 |
| | Ammonia | tons | 0.002 |
| Total greenhouse gas emissions ¹ | | tons of CO2e | 815,068.19 |
| Direct greenhouse gas emissions (Scope 1) | | tons of CO2e | 620,300.12 |
| Indirect greenhouse gas emissions (Scope 2) | | tons of CO2e | 194,768.07 |
| Greenhouse gas emissions from engineering services | | tons of CO2e | 83,440.63 |
| Greenhouse gas emissions from equipment manufacturing operations | | tons of CO2e | 33,608.95 |
| Greenhouse gas emissions from operation and maintenance services | | tons of CO2e | 686,560.47 |
| Greenhouse gas emissions from other operations | | tons of CO2e | 11,458.14 |
| Greenhouse gas emission intensity | tons of CO2e/million yuan (revenue) | | 17.67 |
| Amount of self-produced hazardous solid waste | tons | | 907.71 |
| Intensity of self-produced hazardous solid waste | tons /million yuan (revenue) | | 0.02 |
| Amount of self-produced non-hazardous solid waste | tons | | 5,330.67 |
| Intensity of self-produced non-hazardous solid waste | tons /million yuan (revenue) | | 0.12 |
| Comprehensive utilization amount of self-produced non-hazardous solid waste | tons | | 4,589.37 |
| Among them: comprehensive utilization amount in previous year | tons | | 7.26 |
| Comprehensive utilization proportion of self-produced non-hazardous solid waste | % | | 85.95 |
| Total amount of incoming solid waste consumption and disposal | | tons | 376,989.42 |

1. Greenhouse gas (GHG) data encompasses emissions generated by all domestic and overseas operations (limited to operations within China in the previous year). The calculation of GHG data refers to relevant conversion factors provided in the Notice on Completing GHG Emission Reporting and Verification for Enterprises in Certain Key Industries (2023-2025), as well as a series of guidelines issued by the National Development and Reform Commission, including the Guidelines for GHG Emission Accounting and Reporting Methods for Industrial Enterprises in Other Sectors. All measurements are expressed in tons of CO2 equivalent.

| Key performance indicators | | Unit | 2024 |
|--|---|-----------------------|--------------|
| Total amount of incoming solid waste consumption and disposal by type ² | Industrial waste | tons | 325,852.42 |
| | Household waste | tons | 0 |
| | Hazardous waste ³ | tons | 43,600.00 |
| | Other ⁴ | tons | 7,537.00 |
| Timber certification | Total volume of timber purchased by the company | 10,000 m ³ | 1.36 |
| | Among them: amount of certified | 10,000 m ³ | 0.05 |
| | Among them: amount of non-certified | 10,000 m ³ | 1.32 |
| Total amount of materials used in the construction process | Timber | 10,000 m ³ | 0.29 |
| | The proportion of recycled wood ⁵ | % | 9.96 |
| | Steel | 10,000 tons | 44.86 |
| | The proportion of recycled steel ⁶ | % | 3.33 |
| | Concrete | 10,000 m ³ | 168.09 |
| | The proportion of recycled concrete | % | 6.02 |
| | Aggregate | 10,000 m ³ | 57.53 |
| | The proportion of recycled aggregate | % | 6.87 |
| | Asphalt | 10,000 tons | 1.59 |
| | The proportion of recycled asphalt | % | 25.83 |
| | Cement | 10,000 tons | 51.49 |
| | The proportion of recycled cement ⁷ | % | 8.86 |
| | Other materials | 10,000 tons | 5.37 |
| | The proportion of recycled other materials | % | 9.96 |
| Direct energy consumption ⁸ | | MW · h | 2,253,206.97 |
| Natural gas consumption | | MW · h | 21,293.15 |
| Petrol consumption | | MW · h | 23,001.94 |

2. The Company's method for treating and disposing of external solid waste involves the production of alternative fuel products and co-processing in cement kilns.

3. For hazardous waste among incoming solid waste, the Company adopts the same treatment and disposal method: producing alternative fuel products and co-processing in cement kilns.

4. Refer to fuels derived from industrial waste (e.g., discarded textiles, plastics, industrial residues), municipal waste, and agricultural/forestry waste that possess calorific value (combustibility), falling outside the aforementioned three waste categories. These fuels are widely used in cement kilns and thermal power plants (including biomass power plants) to replace fossil fuels (coal), thereby reducing carbon emissions and fossil energy consumption.

5. "Recycled wood" includes wooden packaging materials recovered from equipment transportation and reused, as well as wooden formwork and timber reused during construction processes.

6. "Recycled steel" refers to reused steel structures fabricated on-site, scrap materials from non-standard equipment and components, steel packaging materials from equipment transportation, and recycled steel scaffolding and formwork used during construction.

7. "Recycled concrete, aggregates, asphalt, and cement" refers to these materials produced using recycled materials as substitutes for virgin raw materials.

8. Calculations are performed according to the General Principles for Calculation of Comprehensive Energy Consumption (GB/T 2589-2020) standard.

| Key performance indicators | Unit | 2024 |
|---|-----------------------------|--------------|
| Diesel consumption | MW·h | 2,190,769.22 |
| Other energy consumption ⁹ | MW·h | 18,142.65 |
| Indirect energy consumption | MW·h | 347,844.99 |
| Purchased heat consumption | MW·h | 2,577.48 |
| Electricity consumption | MW·h | 345,267.51 |
| Purchased electricity consumption | MW·h | 343,162.09 |
| Purchased conventional grid electricity consumption | MW·h | 339,342.54 |
| Purchased green electricity consumption | MW·h | 3,819.55 |
| Self-generated electricity consumption | MW·h | 2,105.42 |
| Self-generated wind electricity consumption | MW·h | 39.24 |
| Equivalent greenhouse gas emission reductions | tons of CO2e | 32.33 |
| Photovoltaic power generation consumption | MW·h | 2,066.18 |
| Equivalent greenhouse gas emission reductions | tons of CO2e | 1,702.53 |
| Comprehensive energy consumption ¹⁰ | MW·h | 2,601,051.96 |
| Comprehensive energy consumption intensity | MW·h/million yuan (revenue) | 56.39 |
| Consumption of non-renewable materials | tons | 192,980.29 |
| Consumption of toxic and hazardous materials | tons | 487.00 |
| Material consumption intensity | tons/million yuan (revenue) | 4.19 |
| Total energy expenditures | RMB 10,000 | 112,378.33 |
| Water withdrawal ¹¹ | tons | 1,245,356.43 |
| Tap water | tons | 801,966.19 |
| Groundwater | tons | 114,840.56 |
| Surface water | tons | 321,415.10 |
| Other | tons | 7,134.58 |
| Water withdrawal intensity | tons/million yuan (revenue) | 27.00 |
| Total water discharged | tons | 7,400.00 |
| Total water consumption | tons | 1,237,956.43 |

9. The statistical scope for "other energy consumption" in the current year includes liquefied natural gas (LNG) and liquefied petroleum gas (LPG), while the previous year's scope additionally included diesel and gasoline.

10. Energy consumption data includes all energy used by the Company's domestic and overseas operations.

11. Water resource consumption data includes all water usage from the Company's domestic and overseas operations.

| Key performance indicators | | Unit | 2024 |
|--|---|----------------|--------------|
| Total recycled water | | tons | 336,089.58 |
| Recycled water utilization rate | | % | 26.99 |
| Total environmental investment | | RMB 10,000 | 7,418.23 |
| Green product | Revenue from products with inherent green attributes | RMB 10,000 | 69,590.57 |
| | Revenue from Products with various green certifications, including but not limited to "China Low Carbon Product Certification", "Green Building Material Product Certification", etc. | RMB 10,000 | 28,102.57 |
| | Revenue from products that contribute to societal greening | RMB 10,000 | 868,756.39 |
| Number of national-level green factories owned | | unit | 1 |
| Number of provincial-level green factories owned | | unit | 1 |
| Number of national-level green mines owned | | unit | 0 |
| Number of provincial-level green mines owned | | unit | 1 |
| Number of national-level green factories constructed | | unit | 8 |
| Number of provincial-level green factories constructed | | unit | 1 |
| Number of green factories of other levels constructed | | unit | 0 |
| Number of national-level green mines constructed | | unit | 48 |
| Number of provincial-level green mines constructed | | unit | 119 |
| Number of green mines of other levels constructed | | unit | 3 |
| Number of buildings constructed/managed/owned by the Company | | unit | 465 |
| Number of green buildings constructed/managed/owned by the Company | | unit | 13 |
| Area of all manufacturing and operating units | | m ² | 2,219,337.74 |
| Area for which biodiversity risk assessments have been conducted | | m ² | 103,484.00 |
| Number of sites for all production operations (e.g., factories, mines, project sites.) | | unit | 95 |
| Number of sites for which biodiversity risk assessments have been conducted | | unit | 5 |
| Number of legal entities with ISO14001 certifications | | unit | 47 |
| Number of legal entities with ISO50001 certifications | | unit | 4 |
| Climate change risks and opportunities | Number of enterprises with climate risk response/adaptation plans (e.g. extreme weather contingency plans) in place | unit | 17 |
| | Annual financial impact of risks | RMB 10,000 | 158.00 |
| | Annual expenditures arising from risk response measures | RMB 10,000 | 843.78 |
| | Annual costs of capturing climate change opportunities | RMB 10,000 | 15,274.60 |

Social data

| Key performance indicators | | Unit | 2024 |
|---|---|--------|--------|
| Total number of employees | | person | 15,598 |
| Total number of employees by gender | Male employees | person | 12,342 |
| | Male employees in STEM | person | 6,752 |
| | Female employees | person | 3,256 |
| | Female employees in STEM | person | 618 |
| | Han employees | person | 12,819 |
| Total number of employees by ethnic group | Minority employees | person | 2,779 |
| | Senior management employees | person | 255 |
| | Female employees | person | 36 |
| | Female employees in operational positions | person | 7 |
| | Male employees | person | 219 |
| | Male employees in operational positions | person | 121 |
| | Minority employees | person | 5 |
| | Middle-level employees | person | 1,611 |
| | Female employees | person | 562 |
| | Female employees in operational positions | person | 233 |
| Total number of employees by job level | Male employees | person | 1,049 |
| | Male employees in operational positions | person | 938 |
| | Minority employees | person | 21 |
| | General employees | person | 13,732 |
| | Long-term employees | person | 14,057 |
| | Short-term employees | person | 1,541 |
| | Under 30 years old | person | 3,816 |
| | 30 to 50 years old | person | 8,898 |
| | Over 50 years old | person | 2,884 |
| | Mainland China | person | 13,241 |
| Total number of employees by region | Region of Hong Kong, Macao and Taiwan | person | 1 |
| | Overseas | person | 2,356 |
| Employee turnover rate by gender | Male | % | 5.78 |
| | Female | % | 5.40 |

| Key performance indicators | | Unit | 2024 |
|---|---------------------------------------|--------|-------|
| Employee turnover rate by age | Under 30 years old | % | 7.31 |
| | 30 to 50 years old | % | 3.37 |
| | Over 50 years old | % | 10.74 |
| Employee turnover rate by region | Mainland China | % | 6.50 |
| | Region of Hong Kong, Macao and Taiwan | % | 0 |
| | Overseas | % | 1.18 |
| Employee turnover rate by job level | Senior employees | % | 4.71 |
| | Middle-level employees | % | 2.79 |
| | General employees | % | 6.06 |
| Voluntary turnover rate by job level | Senior employees | % | 2.75 |
| | Middle-level employees | % | 2.30 |
| | General employees | % | 4.69 |
| Voluntary turnover rate by gender | Male | % | 4.45 |
| | Female | % | 4.36 |
| Voluntary turnover rate by age | Under 30 years old | % | 5.76 |
| | 30 to 50 years old | % | 1.95 |
| | Over 50 years old | % | 10.15 |
| Voluntary turnover rate by region | Mainland China | % | 5.02 |
| | Region of Hong Kong, Macao and Taiwan | % | 0 |
| | Overseas | % | 1.14 |
| Number of newly hired employees | | person | 805 |
| Number of newly hired employees by gender | Male | person | 686 |
| | Female | person | 119 |
| Number of newly hired employees by age | Under 30 years old | person | 610 |
| | 30 to 50 years old | person | 180 |
| | Over 50 years old | person | 15 |
| Number of newly hired employees by job level | Senior employees | person | 6 |
| | Middle-level employees | person | 13 |
| | General employees | person | 786 |
| Number of newly hired employees by ethnic group | Han | person | 771 |
| | Minority | person | 34 |

| Key performance indicators | | Unit | 2024 |
|--|------------------------|--------------|--------|
| Number of internal transfers or internal applications | | person | 654 |
| Percentage of internal transfers or internal applications | | % | 44.82 |
| Received complaints on violations of employees' legitimate rights and interests | | case | 0 |
| Received complaints on discrimination against applicants and employees | | case | 0 |
| Number of visits to support special employees and assist employees in need | | person-times | 881 |
| Number of employees who were helped to send their children in difficulty to school or who were rewarded for sending their children to school | | person-times | 17 |
| Number of visits to assist critically ill employees | | person-times | 95 |
| Total expenditure on supporting to special employees and assisting to employees in need | | RMB 10,000 | 48.81 |
| Total expenditure on helping children of employees in difficulty to attend school or rewarding employees' children for attending school | | RMB 10,000 | 0.70 |
| Total expenditure on helping critically ill employees | | RMB 10,000 | 45.27 |
| Number of employee activities were organized and participated in | | times | 851 |
| Number of participation in various events organized by relevant industry associations (at provincial level or above) | | times | 54 |
| Number of employees participated in various activities | | person-times | 35,937 |
| Total number of employees participated in satisfaction survey | | person | 7,474 |
| Percentage of total number of employees | | % | 47.91 |
| Percentage of satisfaction by gender | Male employees | % | 97.67 |
| | Female employees | % | 96.68 |
| Percentage of satisfaction by age | Under 30 years old | % | 98.73 |
| | 30 to 50 years old | % | 97.85 |
| | Over 50 years old | % | 96.75 |
| Percentage of satisfaction by ethnic group | Han | % | 98.40 |
| | Minority | % | 95.13 |
| Percentage of satisfaction by job level | Senior employees | % | 99.07 |
| | Middle-level employees | % | 97.81 |
| | General employees | % | 96.41 |
| Number of employees covered by the Group's enterprise annuity plan | | person | 9,185 |
| Number of employees covered by supplementary medical insurance and other insurance types beyond the five mandatory insurances | | person | 10,739 |
| Number of employees who are members of the labor union | | person | 13,399 |
| Percentage of employees who are members of the labor union | | % | 85.90 |
| Number of employees covered by collective agreements | | person | 6,948 |
| Percentage of employees covered by collective agreement | | % | 44.54 |

| Key performance indicators | | Unit | 2024 |
|---|------------------------|--------------|-----------|
| Number of employee representatives | | person | 1,100 |
| Percentage of employee representatives | | % | 7.05 |
| Number of work-related fatalities | | person | 0 |
| Fatality rate per thousand employees | | ‰ | 0 |
| Percentage of zero-fatality projects | | % | 100 |
| Lost Time Injury Frequency Rate (LTIFR) for millions of hours of employees | | - | 0 |
| Number of working days lost due to work-related injuries | | day | 0 |
| Lost Time Injury Frequency Rate (LTIFR) for millions of hours of contractors employees | | - | 0 |
| Person-times of employees participated in occupational health and safety training | | person-times | 572,840 |
| Number of safety inspections conducted | | times | 28,106 |
| Number of hidden dangers identified | | unit | 29,006 |
| Number of hidden dangers rectified | | unit | 29,006 |
| Rectification rate of identified hidden dangers | | % | 100 |
| Number of emergency drills, fire drills and other exercises conducted | | times | 2,173 |
| Total expenditure on safety and health | | RMB 10,000 | 55,213.84 |
| Number of companies at safety standardization level I | | unit | 0 |
| Number of companies at safety standardization level II | | unit | 11 |
| Number of companies at safety standardization level III | | unit | 9 |
| Number of companies certified to ISO 45001 occupational health and safety management system | | unit | 47 |
| Percentage of employees participated in training (all training categories) by gender | Male employees | % | 87.28 |
| | Female employees | % | 80.80 |
| Percentage of employees participated in training (all training categories) by age | Under 30 years old | % | 82.41 |
| | 30 to 50 years old | % | 87.05 |
| | Over 50 years old | % | 87.17 |
| Percentage of employees participated in training (all training categories) by ethnic group | Han | % | 86.55 |
| | Minority | % | 83.08 |
| Percentage of employees participated in training (all training categories) by job level | Senior employees | % | 93.33 |
| | Middle-level employees | % | 94.10 |
| | General employees | % | 85.79 |

| Key performance indicators | | Unit | 2024 |
|--|---------------------------------------|------|---------------|
| Percentage of employees participated in safety and environmental training by job level | Senior employees | % | 84.70 |
| | Middle-level employees | % | 53.81 |
| | General employees | % | 53.45 |
| Percentage of employees participated in skills-based business training by job level | Senior employees | % | 50.19 |
| | Middle-level employees | % | 61.26 |
| | General employees | % | 75.18 |
| Percentage of employees participated in management training (including compliance training) by job level | Senior employees | % | 94.90 |
| | Middle-level employees | % | 81.12 |
| | General employees | % | 55.10 |
| Total training hours (calculated by person-time) | | hour | 898,900 |
| Total training hours in safety and environmental protection | | hour | 491,461 |
| Total training hours in technical and operational skills | | hour | 283,172 |
| Total training hours in management | | hour | 124,267 |
| Average training hours per employee by gender (all training categories) | Male employees | hour | 67.09 |
| | Female employees | hour | 66.94 |
| Average training hours per employee by age (all training categories) | Under 30 years old | hour | 65.29 |
| | 30 to 50 years old | hour | 80.64 |
| | Over 50 years old | hour | 27.42 |
| Average training hours per employee by ethnic group (all training categories) | Han | hour | 67.49 |
| | Minority | hour | 65.03 |
| Total hours of training by job level | Senior employees | hour | 67.56 |
| | Middle-level employees | hour | 53.04 |
| | General employees | hour | 68.11 |
| Training hours per capita (all types of training) | | hour | 67.06 |
| Total training cost | | yuan | 12,572,334.56 |
| Number of cases involving suspected child labor and forced labor | | case | 0 |
| Number of suppliers who have established long-term cooperation with the Company | Total | unit | 8,844 |
| | Mainland China | unit | 8,739 |
| | Region of Hong Kong, Macao and Taiwan | unit | 23 |
| | Overseas | unit | 82 |

| Key performance indicators | | Unit | 2024 |
|---|---|------------|--------------|
| The costs of products or service procured from suppliers with whom the Company has established long-term cooperation | | RMB 10,000 | 2,084,490.72 |
| Number of suppliers that have been screened and controlled for environmental and social risks by the Company | Total | unit | 7,162 |
| | Mainland China | unit | 7,059 |
| | Region of Hong Kong, Macao and Taiwan | unit | 23 |
| | Overseas | unit | 80 |
| The costs of suppliers screened and controlled for environmental and social risks by the Company | | RMB 10,000 | 1,269,283.71 |
| Among the suppliers that have been screened for environmental and social risks and controlled for long-term cooperation by the Group, the number of suppliers assessed to have significant negative impacts | Total | unit | 28 |
| | Number of suppliers with whom corrective measures/improvement plans have been agreed upon | unit | 15 |
| | Number of suppliers phased out | unit | 13 |
| Number of suppliers who have established long-term cooperation with the Company and participated in supplier training and capacity improvement | Total | unit | 1,451 |
| | Number of suppliers screened and controlled for environmental and social risks by the Company | unit | 1,135 |
| Number of ESG training sessions for suppliers or ESG training exchange sessions with suppliers | | times | 718 |
| Number of suppliers certified under systems such as quality, occupational health and safety, environmental, or energy management | | unit | 6,952 |
| Number of all suppliers not in long-term co-operation | Total | unit | 2,824 |
| | Number of suppliers screened and controlled for environmental and social risks by the Group | unit | 2,346 |
| Percentage of products recalled due to safety and health concerns | | % | 0 |
| Litigation cases involving the safety and health of products and services | | case | 0 |
| Number of complaints received regarding products and services | | case | 0 |
| Number of complaints properly addressed and resolved | | case | 0 |
| Number of cases of suspected infringement of intellectual property rights by products and services | | case | 0 |
| Number of complaints due to disclosure of customer information | | case | 0 |

| Key performance indicators | Unit | 2024 |
|---|--------------|------------|
| Total number of clients | unit | 2,491 |
| Number of clients participating in satisfaction surveys | unit | 1,918 |
| Number of clients whose survey results were satisfactory | unit | 1,864 |
| Percentage of clients participating in satisfaction surveys | % | 76.99 |
| Percentage of customer satisfaction | % | 97.18 |
| Annual number of patent applications | case | 602 |
| Number of invention patents | case | 392 |
| Annual number of patents granted | case | 420 |
| Number of invention patents | case | 192 |
| Cumulative number of valid patents | case | 2,883 |
| Number of invention patents | case | 796 |
| Cumulative number of successful software copyright registrations | case | 871 |
| R&D investment | RMB million | 1,769.93 |
| Percentage of R&D investment in operating revenue | % | 3.84 |
| Number of R&D personnel | person | 3,071 |
| Number of standards that have been chaired and participated in the development or revision | unit | 19 |
| Number of anti-corruption training sessions held and organized | times | 389 |
| Number of directors attending anti-commercial bribery and anti-corruption trainings | person-times | 460 |
| Number of employees attending anti-commercial bribery and anti-corruption training (excluding directors) | person-times | 29,049 |
| Coverage of directors in anti-corruption training | % | 100 |
| Coverage of employees in anti-corruption training | % | 100 |
| Number of cases in which employees violated the Group's code of conduct (Corruption or bribery) | case | 0 |
| Number of cases in which employees violated the Group's code of conduct (Discrimination or harassment) | case | 0 |
| Number of cases in which employees violated the Group's code of conduct (Customer privacy data) | case | 0 |
| Number of cases in which employees violated the Group's code of conduct (Conflict of interest) | case | 0 |
| Number of cases in which employees violated the Group's code of conduct (Money laundering or insider trading) | case | 0 |
| Amount of taxes paid | RMB 10,000 | 190,751.33 |
| Amount of public charity investment (including material donations) | RMB 10,000 | 537.71 |
| Donations to targeted support areas (rural revitalization) | RMB 10,000 | 530.40 |

| Key performance indicators | Unit | 2024 |
|---|------------|-------|
| Other | RMB 10,000 | 7.31 |
| Number of support projects | unit | 3 |
| Number of special scholarship programs established | unit | 1 |
| Number of institutions involved in scholarships | unit | 1 |
| Total scholarships | RMB 10,000 | 3.00 |
| Number of students receiving scholarships | person | 15 |
| Number of entrepreneurship training bases | unit | 6 |
| Availability of internships for current students | unit | 41 |
| Number of established volunteer organizations or groups | unit | 9 |
| Number of volunteers among employees | person | 1,562 |
| Number of hours of volunteer activities | hour | 6,798 |
| Amount of corporate support for volunteer activities | RMB 10,000 | 7.02 |
| Number of activities involving or supporting the protection of the rights and interests of women, children or persons with disabilities | times | 9 |

Indicator indexes

| Table of Content | Sustainability Reporting Standards (GRI Standards) | Guidelines No. 14 for Self-Regulation of Listed Companies - Sustainability Report (Trial) | Reference Indicator System for the ESG Special Report of Listed Companies Controlled by Central Enterprises |
|------------------------------------|--|---|---|
| About this report | GRI1-4,2-1,2-2 | 1-6 | G4.1.2 |
| Chairman's speech | / | / | / |
| About Sinoma International | GRI2-1, 2-6 | / | / |
| Sustainable development management | GRI2-9, 2-14, 2-16, 2-22, 2-29, 3-1, 3-2, 3-3 | 1-9,2-11,2-122-18,5-1-51,5-1-53 | G1.3.3, E.5.1.1, G1.2.2, G3.2.2 |
| Special topic | Conduct an overall layout to build a green and low-carbon industrial chain | / | / |

| Table of Content | | Sustainability Reporting Standards (GRI Standards) | Guidelines No. 14 for Self-Regulation of Listed Companies - Sustainability Report (Trial) | Reference Indicator System for the ESG Special Report of Listed Companies Controlled by Central Enterprises | |
|---|---|--|---|--|--|
| Strengthen the foundation of governance to secure sustainable operation and development | Sound corporate governance | GRI2-9, 2-10, 2-12 | 5-1-51 | G1.1.1-G1.1.2, G3.1.1-3.1.2, 3.2.2 | G1.2.2, G3.2.1-3.2.2 |
| | Compliant and ethical operations | GRI2-27, 205-1, 205-2 | 5-2-54,5-2-55,5-2-56 | G2.1.1-2.1.2, 2.2.2, G2.3.1-2.3.2, G5.1.1-5.1.3, 5.2.3 | G2.2.1-2.2.2, G2.3.1-2.3.2, G5.2.1-5.2.3 |
| | Guarantee employee rights and interests | GRI2-23, 2-25, 2-26, 2-30, 201-3, 202-1, 202-2, 401-2, 401-3, 403-1, 403-2, 403-3, 403-4, 403-5, 403-6, 403-7, 403-8, 403-10, 404-2, 404-3, 405-1, 406-1 | 4-4-49,4-4-50 | S1.1.1, S1.1.3, S1.2.1 - 1.2.4, S1.3.1-S1.3.4, S1.4.1-1.4.3, S1.5.1, S2.1.1 | |
| Adhere to the green concept to ensure environmental friendly development | Green and clean production | GRI302-4, 302-5, 303-2, 304-2, 304-3 | 3-2-29, 3-2-30,3-2-32,3-2-33 | E2.1.1-2.1.2, E2.3.1-2.3.5, E5.2.3, E5.4.1, E5.4.2, E5.4.3, E5.4.4, E5.4.6, E5.5.1, E5.6.1, E5.6.2 | E2.2.1, E4.1.1, E5.4.2, E5.4.6 |
| | Integration into the circular economy | GRI303-1, 306-1, 306-2, 306-3, 306-4, 306-5, | 3-3-34, 3-3-37 | E1.4.2, E5.2.1 | |
| Guide progress of the industry to enhance overall value for win-win results | Improve service quality | GRI2-28, 417-1 | 4-2-41,4-2-42,4-3-44,4-3-47,4-3-48 | S2.1.2, S2.2.1-2.2.3, S2.3.1-2.3.4 | |
| | Sustainable supply chain | GRI308-1, 308-2,414-1, 414-2 | 4-3-44,4-3-45 | E.5.4.5, S3.1.1, S3.2.1-3.2.3 | |
| Shoulder the mission of the times in pursuit of global development | Green and low-carbon products | GRI305-5 | 3-1-20,3-1-28 | E3.2.2, E5.5.3, S4.4.1 | |
| | Respond to climate change | GRI201-2, 305-5 | 2-11,2-12,2-14,2-15,2-16,2-18,2-19 3-1-20,3-1-21,3-1-23,3-1-27 | E3.1.2, E3.2.1-3.2.2, E3.4.1, E5.1.1, E5.3.1 | |
| | Promote people's well-being | GRI203-1, 203-2, 207-1, 413-1 | 4-1-38,4-1-39,4-1-40 | S4.1.1, S4.2.1-4.2.2, S4.3.1-4.3.2, S4.4.2-4.4.4 | |
| Appendix | ESG key performance | GRI2-7, 2-8, 201-1, 205-3, 206-1, 301-1, 301-2, 301-3, 302-1, 302-2, 302-3,303-3, 303-4, 303-5, 304-1, 305-1, 305-2, 305-4, 305-7, 401-1, 403-9, 404-1, 405-2, 418-1 | 3-1-24,3-1-25,3-1-26, 3-2-31, 3-3-35, 3-3-36, 4-4-50 | E1.1.1-1.1.4, E1.2.1-1.2.3, E1.3.1-1.3.5, E1.4.1, E2.1.3-2.1.4, E2.2.2, E2.3.2-2.3.5, E3.1.3-3.1.4, E3.1.6, S1.1.2, S1.4.3, S1.5.3, S2.3.2, S3.1.2, S4.1.1 | |
| | Indicator indexes | GRI1-3 | 6-57 | / | |
| | Feedback form | / | / | / | |

Feedback form

Dear readers,

Thank you very much for reading this report. Your opinions and suggestions are an important basis for us to continuously promote the ESG governance, practice, and reporting. We look forward to your reply!

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