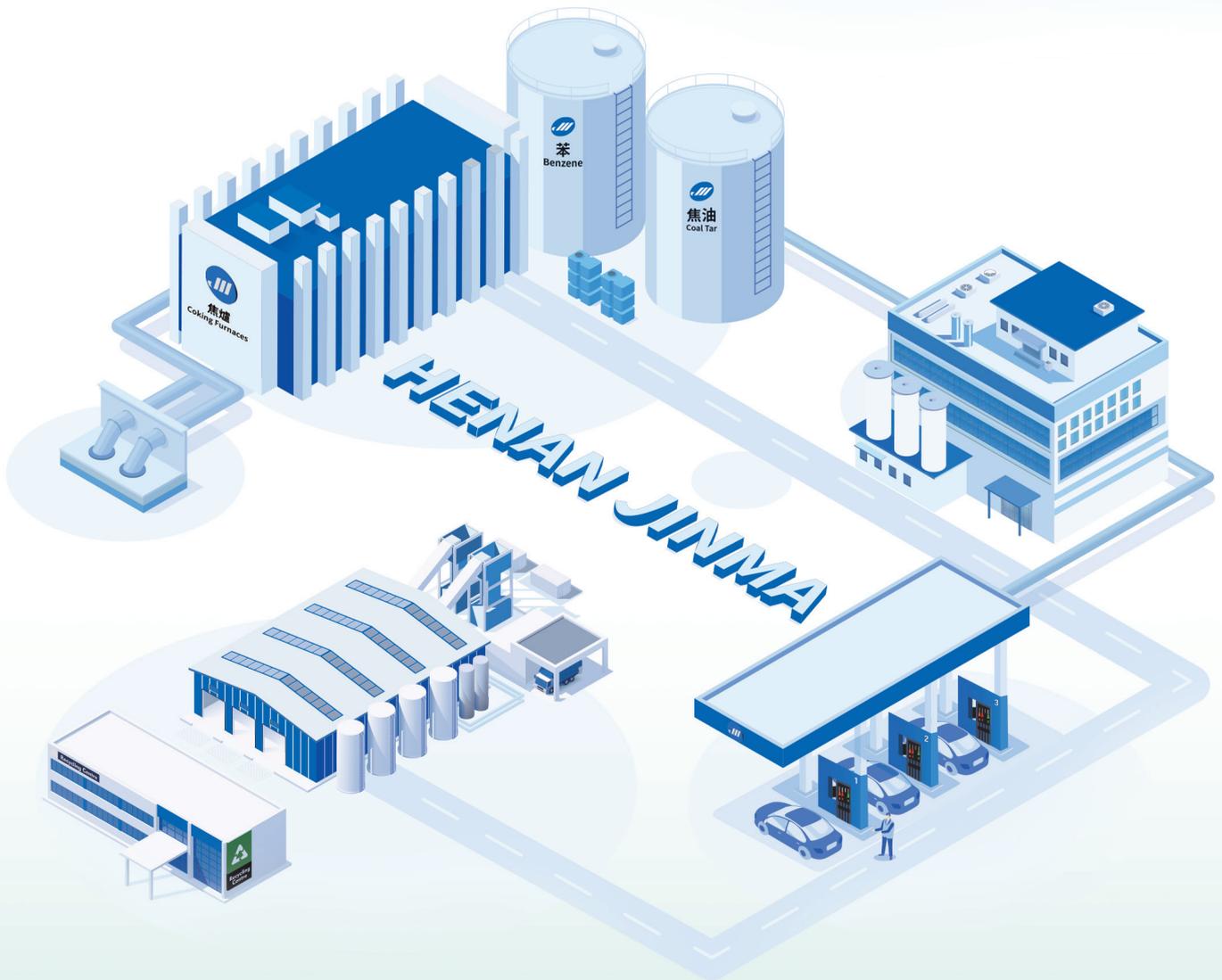




河南金馬能源股份有限公司
HENAN JINMA ENERGY COMPANY LIMITED

(A joint stock company incorporated in the People's Republic of China with limited liability)
Stock Code: 6885

2023 ANNUAL REPORT



Report Description

This is the Group's Environmental, Social and Governance report, covering the Group's overall performance in two main aspects (i.e., environmental and social) during the operation of its main businesses (production and sale of coke, and the processing and sale of coking byproducts), from 1 January 2023 to 31 December 2023 (the "Reporting Period").

For the Group's governance strategies, please refer to the section headed "Corporate Governance Report" of this annual report (Pages 28 to 43).

This report is prepared by the Group in accordance with the Environmental, Social and Governance Reporting Guide as set forth in Appendix C2 to the Rules Governing the Listing of Securities on the Stock Exchange of Hong Kong Limited. The Company has complied with the "comply or explain" provisions set out in Part C of the Environmental, Social and Governance Reporting Guide.

Reporting principles for the report:

Materiality: In compliance with the requirements of the materiality principle defined by the Stock Exchange, the ESG issues considered by the Board and the ESG working group, stakeholders' communication, identification process of substantive issues and the matrix of substantive issues are disclosed in this report, further details of which are set out in the respective section below.

Quantitative: The statistical criteria, methods, assumptions and/or calculation tools for the quantitative KPIs herein, as well as the sources of the conversion factors, are described in different sections of the report.

Consistency: The statistical methodologies applied to the data disclosed in this report shall be consistent.

Balance: The information is presented without the inappropriate use of selections, omissions or other forms of manipulation that would influence a decision or judgment by the reader.

Languages and Formats:

The Report is available in electronic version, in Chinese language and English language. For an electronic version of the report, please visit the Company's website or HKExnews website. Web site: <https://www.hnjmny.com/> or <http://www.hkexnews.hk/>

Statement of the Board on ESG Governance

Henan Jinma Energy Company Limited undertakes that the Company has strictly abided by the relevant disclosure requirements of the Environmental, Social and Governance Reporting Guide issued by The Stock Exchange of Hong Kong Limited. As the supreme decision-making and regulatory authority for ESG (environmental, social and governance) matters of the Company, the Board assumes full responsibility for the formulation and promotion of the Company's ESG strategies and relevant reporting, and oversees the Company's ESG-related matters. In 2023, the Board continued to optimize the ESG governance framework and dedicated efforts to improving the Company's overall performance in the ESG field. This report provides a detailed disclosure of the progress and effectiveness of the Company's ESG work in 2023, and was reviewed and approved by the Board prior to its disclosure. The Board and all Directors of the Company warrant that the information contained in this report does not contain false records, misrepresentations, or major omissions, and assume individual and joint responsibility for the truthfulness, accuracy and completeness of its contents. During the Reporting Period, the Board conducted in-depth discussions and made decisions on the Company's ESG affairs to ensure that the Company's actions were highly consistent with its commitments.

External honors:



Advanced Collective Entity of Energy Conservation, Emission Reduction, Green Development in Key Industries of Henan Province



Provincial Water-saving Enterprise in Henan

1. Responsibility Management

In 2023, the Company proactively fulfilled its social responsibility duties with a high sense of responsibility and mission. By setting up a Board-based ESG management system and continuously responding to and properly handling the reasonable demands of various stakeholders, the Company ensured the deep integration of the concept of sustainable development into its business operation, with a view to become an outstanding global model enterprise in practicing sustainable development, fulfilling social responsibilities and promoting intelligent construction.

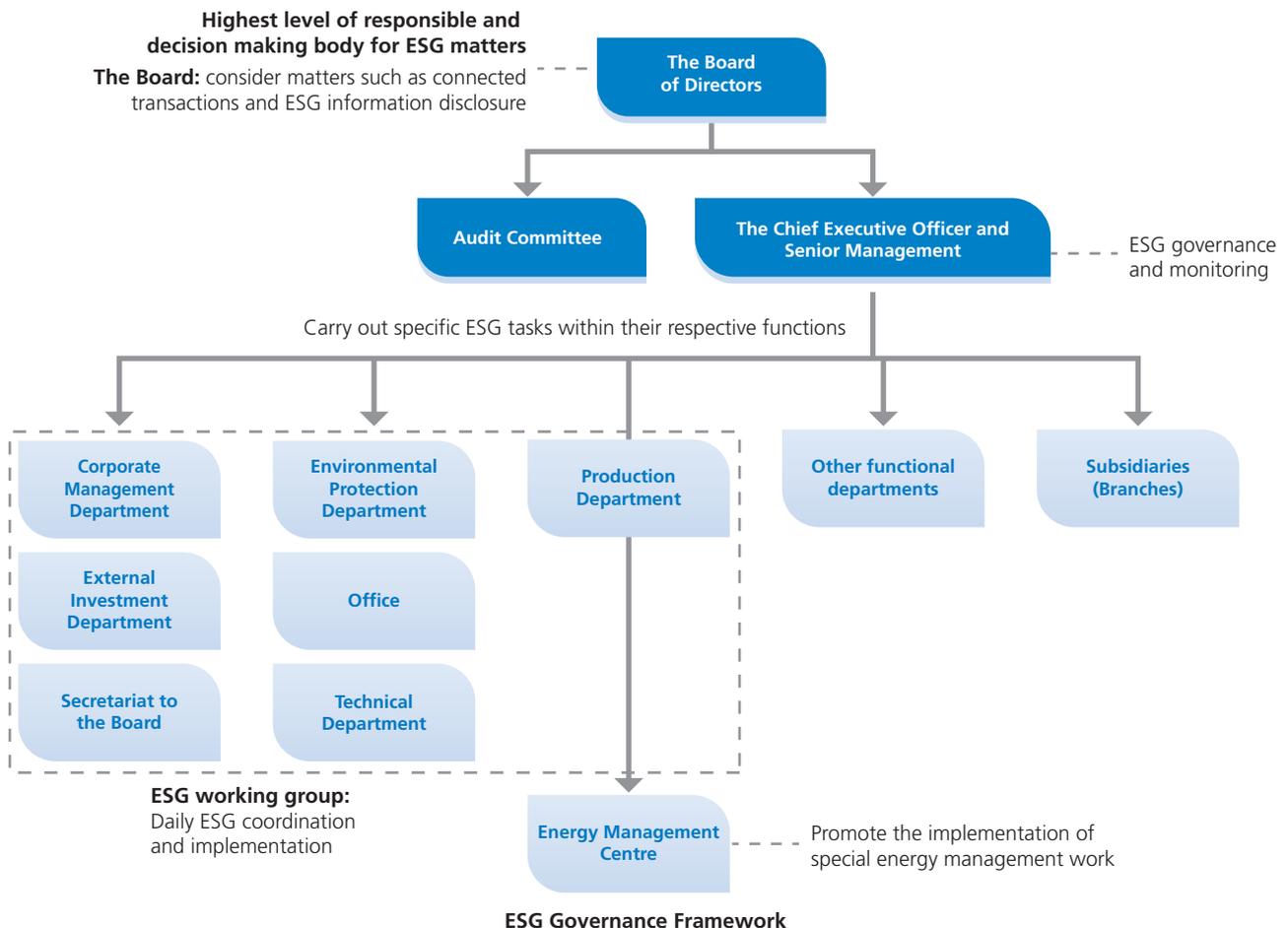
1.1 ESG Management System

As the supreme responsibility and decision-making authority for ESG matters of the Group, the Board of the Company highly values the ESG work of the Company, and assumes full responsibility for the formulation and reporting of relevant strategies, including evaluating and determining the Company's ESG-related risks, ensuring that appropriate and effective ESG risk management and internal control systems are in place, formulating the policies and strategies for the Company's ESG management, reviewing the Company's performance periodically, and approving disclosures in the Company's ESG report. This report will be published after reviewed by the Board.

The Chief Executive Officer and senior management are responsible for overseeing the commitment and actual performance of key ESG issues, assessing the ESG-related risks faced by the Company, periodically tracking and evaluating the formulation and implementation of the Company's ESG management policies, strategies and objectives, and periodically reporting to the Board of the Company on ESG matters and progress.

The ESG working group consists of several core departments, including the External Investment Department, Corporate Governance Department, the Secretariat to the Board, the Office, the Production Department, Energy Management Center and the Environmental Protection Department, forming a linkage mechanism. The Secretariat to the Board is responsible for periodically considering the annual ESG report and information disclosures of the Company, reporting the progress to the Board and submitting related documents for their consideration and approval; the Corporate Governance Department is responsible for reviewing the Company’s risks and the implementation and promotion of specific ESG matters, making an outlook for carbon emissions, pollution prevention and control, energy conservation and other performance and continuously improving target management actions. Moreover, the External Investment Department regularly conducts review and monitoring of the situation; the Office is responsible for coordinating and promoting the implementation of daily ESG management. The Energy Management Centre of the Production Department is responsible for supervising the unified scheduling and management of the Company’s production resources such as water, electricity, gas, steam, and sewage; the Environmental Protection Department focuses on environmental information management, and is responsible for the commitment and performance assessment of key ESG issues such as waste emissions, carbon reduction measures and effects, social responsibility implementation gaps, and measures and arrangements, and regularly developing and monitoring ESG management policies, strategies, and objectives.

Personnel from the departments of the headquarter and the subsidiaries (branches) conduct relevant work with expert assistance according to ESG management system and process, and are responsible for the implementation of the ESG work according to their own businesses and functions, and cooperate with the annual ESG information disclosure and reporting each year when necessary.



- Board Diversity:** As it highly values the Board team building, the Company has formulated and adopted the Board Diversity Policy. In recommending candidates for the Directors to the Board, the Nomination Committee fully considers them from a range of perspectives, such as gender, age, cultural and educational background, professional experience, skills, and length of service, in order to achieve diversity of the Board. The Nomination Committee annually discusses and agrees on measurable goals for achieving diversity among Board members, and recommends relevant goals to the Board for adoption. The members of the Board and supervisors of the Company are not all of a single gender. The Company has achieved the measurable goals in respect of employee gender diversity. The Company confirms that this policy remains effective and will continue to review the feasibility of this goal as well as the challenges and factors it faces in achieving this goal.

1.2 ESG Concept and Strategy

As to ESG concept, the Group strictly follows national standards and overall development strategy deployment, upholds the concepts of industry leadership, innovative development and value creation, strengthens the Party building, adheres to integrated, coordinated and safe development, accelerates intelligent applications, promotes clean and efficient utilization along the entire coal industry chain, and provides high-quality energy products and services. In compliance with the relevant national laws and regulations on environmental protection, following the latest national policies and the requirements of the Environmental, Social and Governance Reporting Guide issued by the Stock Exchange, and taking into account the results of the identification of substantive issues and its own actual operational conditions, the Company has formulated and disclosed its environmental objectives for 2021-2025, formulated and managed its performance in carbon emission reduction, pollution prevention and control, energy saving, etc., and adhered to a green, low-carbon and efficient development approach to drive high-quality development of management. The ESG working group periodically reviews and monitors the implementation of environmental objectives to ensure that various measures are effectively implemented, and reports the relevant progress to the Board. Meanwhile, the ESG working group conducts comprehensive identification of risks, and actively carries out detection of hidden dangers according to the environmental risk characteristics and control responsibilities of each production link, and in accordance with the risk control system and process to ensure a win-win situation for production safety and environmental protection.

Communication with Stakeholders

The Group has established diversified communication channels with stakeholders and maintained normal communications. In 2023, in the process of preparing the ESG report, the Company conducted a survey on the stakeholders by issuing questionnaires, collecting the expectations and demands of the stakeholders, including governments/regulatory agencies, investors/shareholders, customers, business partners, supply chain, employees, communities and relevant experts, using the results of the survey as an important basis for information disclosure strategies. A substantive analysis was performed in conjunction with the issues to determine the focus of disclosure in this report.

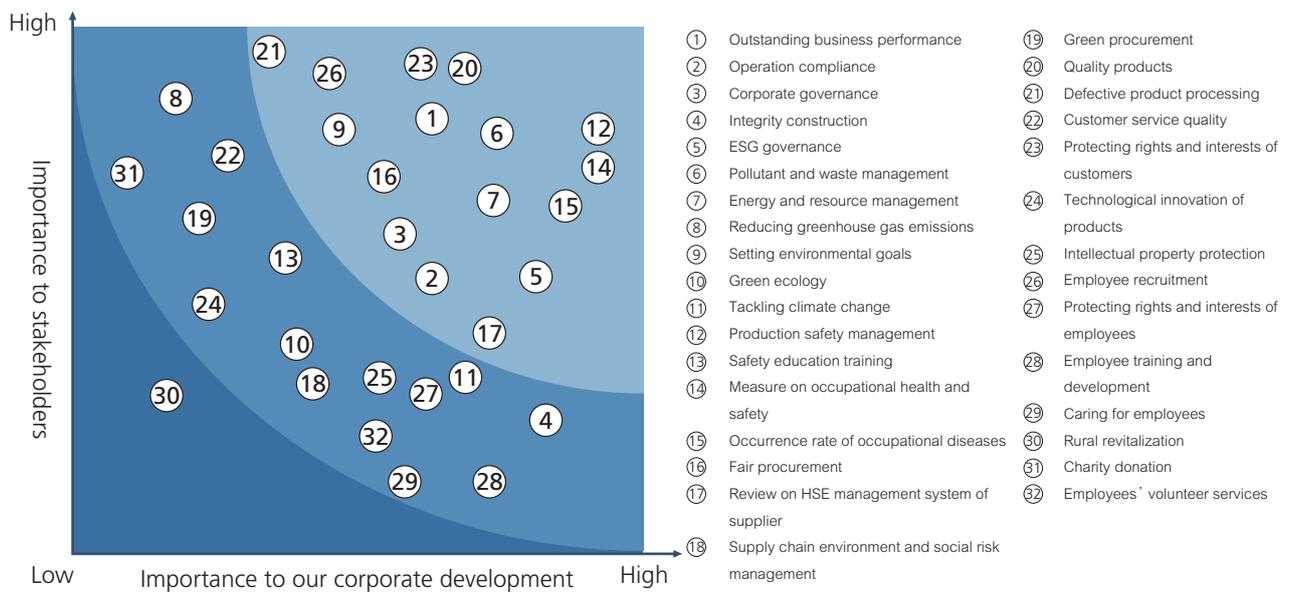
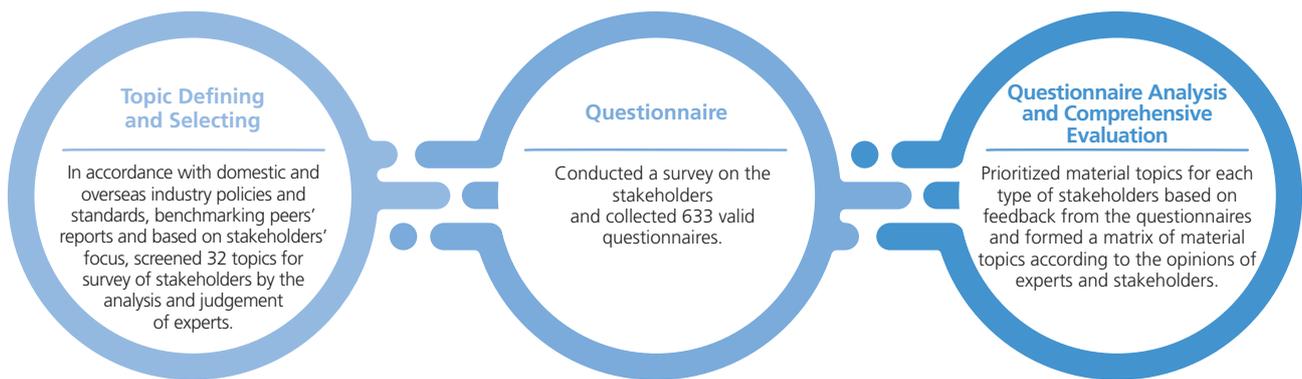
Stakeholders	Communication Channels	Topics of Concern
Investors/Shareholders	<ul style="list-style-type: none"> Regular reports and information disclosure Shareholders' meeting Investors' surveys Roadshow on business results Teleconference 	<ul style="list-style-type: none"> Continuous yield of value returns Corporate governance and risk management Exercise of the rights to know and participation in decision-making Integrity construction

Stakeholders	Communication Channels	Topics of Concern
Governments/Regulatory Agencies	<ul style="list-style-type: none"> • Daily communications • Information bulletin • Public-private-partnerships • Governmental review 	<ul style="list-style-type: none"> • Complying with laws and disciplines • Protection of intellectual properties • Safe production • Response to climate change • Pollutant and waste management • Energy and resource management
Customers	<ul style="list-style-type: none"> • Daily services and communications • Customer satisfaction surveys • Portal websites • Customer service hotline 	<ul style="list-style-type: none"> • Stable product quality • Defective product processing • Response guarantee for services and feedbacks
Supply Chain	<ul style="list-style-type: none"> • Business negotiations • Win-win by cooperation • Seeking development together 	<ul style="list-style-type: none"> • Good cooperation • Smooth communication channels • Fair procurement • Careful implementation of cooperation agreements
Business Partners	<ul style="list-style-type: none"> • Project cooperation • Daily business communication • Establishment of industrial leagues • Online service platform 	<ul style="list-style-type: none"> • Growing together • Sharing customer base with business partners • Operating in compliance with laws
Experts	<ul style="list-style-type: none"> • Green and low-carbon development • Industrial transformation and upgrading • Quality products • Questionnaire 	<ul style="list-style-type: none"> • Promoting the construction of green factories • Reducing greenhouse gas emissions • Application of low-carbon development technology • Technological innovation of products • Green procurement • Supplier ESG management
Employees	<ul style="list-style-type: none"> • Regular meetings • Employee trainings • Portal websites • Opinion collection • Daily communication and exchange 	<ul style="list-style-type: none"> • Employee recruitment • Safeguarding employees' legitimate rights and interests • Caring for employees • Promoting career development and skills upgrading • Occupational health and safety
Community	<ul style="list-style-type: none"> • Volunteer services • Charity events 	<ul style="list-style-type: none"> • Community public service • Charity education • Rural revitalization

Identification of Material Topics and Reporting Boundary

In accordance with Appendix C2 “Environmental, Social and Governance Reporting Guide” of the Listing Rules and with reference to international ESG initiatives and standards as well as the ESG issues of general concern in the industry, the Company identified and screened the ESG issues relating to the Company through various forms of communications and exchanges with various stakeholders under the guidance of experts. The importance of ESG issues was assessed based on the importance to stakeholders and the importance to the environment and society through an online anonymous questionnaire. After analyzing and calculating the data derived from the questionnaire, the Company prioritized the issues, drew a matrix of substantive issues, and finalized the extent and boundary of issue disclosure as the focus of ESG of the Company and the basis for disclosure.

Xinyang Steel Jingang Energy Co., Ltd. (信陽鋼鐵金港能源有限公司), which is mainly engaged in coke production and sales, has invested in the construction of an advanced heat recovery coke furnace project of approximately 1.6 million tons. Starting from the year 2023, the first phase of the project of Xinyang Jingang has been put into operation, hence Xinyang Jingang has been incorporated into the reporting scope of the year 2023. There are no changes to the reporting methodology or key performance indicators in this ESG report compared to last year’s ESG report.



1.3 Compliance Management

The Group stringently complies with relevant laws and regulations, including the Criminal Law of the PRC 《中華人民共和國刑法》, the Company Law of the PRC 《中華人民共和國公司法》, the Interim Provisions on Banning Commercial Bribery 《關於禁止商業賄賂行為的暫定規定》, the Anti-Unfair Competition Law of the PRC 《中華人民共和國反不正當競爭法》, the Anti-Money Laundering Law of the PRC 《中華人民共和國反洗錢法》 and the Prevention of Bribery Ordinance of Hong Kong 《香港特別行政區防止賄賂條例》, and has formulated the Administrative Rules on Anti-Corruption and Whistle-blowing Mechanisms 《反舞弊與舉報機制管理規定》 and other internal rules. In 2023, the Company continued to unswervingly follow the national policies regarding anti-corruption, and implemented anti-corruption measures with a high sense of responsibility. The Company continuously improved its anti-corruption regulations and systems to facilitate its law-based and regulated anti-corruption work. At the same time, the Company proactively conducted internal and external audits, formulated rules for whistleblowing and complaints, and clarified the whistleblowing and complaint process to provide a clear channel for whistleblowing. To further raise employees' awareness in anti-corruption and integrity risks and build up their ability to prevent and control such risks, the Group implemented a systematic and comprehensive probity education and training program, which achieved good results.

During the Reporting Period, the Group was not involved in any litigations or incur corresponding penalties arising from corruption or bribery.

- Conducting probity supervision and inspection:** The Group established a disciplinary inspection committee as a permanent agency for anti-corruption work, and formulated the Notice on Enhancing the Construction of Corruption-free Conducts 《關於加強黨風廉政建設工作的通知》, to strictly implement the supervision system and ensure implementation of all regulations. In addition, the Group established a reward system for whistleblowers, attached importance to the confidentiality of whistleblowers and ensured the whistle-blowing channels are open through various means such as website mailboxes to create a clean and honest corporate atmosphere;
- Implementing probity audit and supervision:** To strengthen the audit and supervision of construction investment projects of the Group and promoted the regulated management of investment projects, the Company formulated the Project Audit and Management Rules 《項目審計管理規定》. The Group attached importance to the audit and supervision over key departments, key funds and major projects with clearly defined scope, process and result to ensure compliance and robustness in these key areas. Through the implementation of the Post-employment Audit Policy 《離崗審計制度》, the Group conducted a comprehensive evaluation of the performance of the resigned employees during their entire tenure and verify the economic responsibilities performed by the resigned employees during their entire tenure and existing potential risks and existing potential operational risks, in order to assist the resigned employees and replacements to complete the works;
- Strengthening work style construction of leading cadres:** The Group put forward strict requirements for the probity and self-discipline of leading cadres at various levels, and prohibited leading cadres and their relatives from participating in any business of the Company. In case of any receipt of gifts, leading cadres should hand them over in time in accordance with related rules. The Company established the rules of probity and self-discipline, and required all leading cadres to make commitments by signature;
- Keeping whistle-blowing channels open:** The Group informed employees of the whistle-blowing channels such as letter boxes, mailboxes and telephones, encouraging and supporting employees to report according to the law; and formulated the Whistleblower Protection and Awards Rules 《舉報人保護及獎勵規定》, the Requirements on Whistleblowing and Complaint Management 《舉報投訴管理規定》 and the Regulations on the Management of Letters and Visits 《信訪管理規定》 to ensure that employees can exercise their whistleblowing rights following the principle of confidentiality for whistleblowers, reward for meritorious whistle-blowing and non-infringement of the legitimate rights and interests of whistleblowers;

- Conducting and strengthening anti-corruption training:** For Directors, anti-corruption training focuses on anti-corruption, integrity and self-discipline, and compliance with laws and regulations; through in-depth analysis of relevant laws and regulations, case sharing and discussion, directors' awareness on the importance of anti-corruption and integrity has been strengthened, and their self-discipline and law-abiding awareness in practical work has been enhanced. At the employee level, the main focus is on building awareness of integrity, from the purpose and meaning of integrity education, self-discipline and other discipline, how to practice integrity, the Company's integrity regulations to enrich their legal knowledges and improve their awareness of compliance. The Group also organised a signature campaign to show commitment for anti-corruption to further strengthen employees' commitment to integrity and create a good atmosphere of probity and uprightness for work and entrepreneurship. The Company conducted anti-corruption culture system training for directors and employees to highlight employees' ethics and codes of conduct at work. Through specific cases, promotional videos, legal advocating and other forms, all employees were guided to "know, respect, fear, conduct regular self-reflection, and keep the bottom line" to constantly consolidate and develop the Company's new normal state of anti-corruption.

Data of Anti-corruption Training in 2023

Indicators of anti-corruption training	Unit	2023
Number of anti-corruption trainings by rank		
Directors	Time	4
Management	Time	6
Employees	Time	3
Directors	Person-time	35
Management	Person-time	677
Employees	Person-time	5,475

Case: The Company organized anti-corruption training

In 2023, the Company organized numerous anti-corruption training programs for directors and employees. Four-period training courses were held for 35 people, focusing on anti-corruption, honesty and self-discipline, discipline and compliance with laws, and the training for employees was conducted to help them establish a sense of integrity by mainly explaining the purpose and significance of the education on anti-corruption practice, self-discipline and heteronomy, means of anti-corruption practice, and various regulations of the Company on anti-corruption practice. Besides, the training conducted in-depth explanation on the ideological root causes and serious harm of corruption, as well as the serious impact on individuals and families through typical cases of violations of discipline and regulations in the municipal state-owned assets system in recent years, to warn new employees to be cautious in performing rights, giving opinions, handling minor matters, complying with the code of ethics, and making friends in their work and life, guide employees to establish a correct view on life, power, and values and help them buckle the "first button" of anti-corruption practice. In the training courses, the trainees were organized to jointly watch the educational video of the implementation of the spirit of the eight-point frugality code issued by the CPC Central Committee – Standard, warning employees to prevent corruption potentials and withstand the temptation of interests.

2. Strengthen Environmental Control

The Group adhered to the concept of green development, actively responded to the national “double carbon” target and continued to strengthen our environmental management system, in strict compliance with the laws, regulations and standards, including the Environmental Protection Law of the PRC 《中華人民共和國環境保護法》, the Atmospheric Pollution Prevention and Control Law of the PRC 《中華人民共和國大氣污染防治法》, the Water Pollution Prevention and Control Law of the PRC 《中華人民共和國水污染防治法》, the Law of the PRC on the Prevention and Control of Environment Pollution Caused by Solid Wastes 《中華人民共和國固體廢物污染環境防治法》, the Emission Standard of Pollutants for Coking Chemical Industry 《煉焦化學工業污染物排放標準》, the Emission Standard of Pollutants for Coking Chemical Industry DB41/1955-2020 《煉焦化學工業污染物排放標準 DB41/1955-2020》 and the Emission Standard of Air Pollutants for Industrial Kiln and Furnace DB41/1066-2020 《工業爐窯大氣污染物排放標準 DB41/1066-2020》. Aiming at developing into a “high-efficiency clean energy chemical enterprise”, taking the environmental system as a solid guarantee, and using technological innovation as a core driving force, the Group gradually enhanced its capacity for sustainable development. In order to achieve green, low-carbon, and high-quality development, the Company vigorously promoted energy conservation, emission reduction and pollution prevention, constantly improved energy use efficiency, actively optimized the energy consumption structure, promoted the use of clean and efficient energy and steadfastly promoted the industry towards green, low-carbon, high-quality and sustainable development.

The Company set up an environmental protection management team, which is under the direct leadership of the deputy general manager of environmental protection, consisting of the Technical Department acting as the main environmental protection supervision unit and the production workstations and the Engineering Department acting as the main execution department to conduct environmental protection work. The environmental protection management team or the Technical Department carries out investigation into environmental hidden dangers every year to identify environmental hidden dangers and urge the rectification of such dangers.

During the Reporting Period, the Group had not been subject to any major environmental lawsuit or corresponding penalty.

2.1 Strict Emission Control

The Group actively fulfills its corporate environmental responsibility and focuses on green and sustainable development. With the basic principle of “control increment and reduce inventory”, the Group is committed to reducing emissions of greenhouse gases and discharge of water wastes, gas wastes, solid wastes and harmful substances through technological innovation and strengthened management to promote green and sustainable development. The Group adheres to the guiding principle of “reduce, reuse and recycle” and continues to promote the efficient use and recycling of resources to achieve the goal of “production with high efficiency, products being cleansed and doing no harm to the environment”. The Group continues to promote the in-depth development of environmental protection, keeps on improving the organisational structure in environmental management and further enhances its environmental management system to ensure the steady advancement towards high-quality and sustainable corporate development.

Emissions Management Goals: 2021-2025

Air pollutants	Implementation of ultra-low emission standards <ul style="list-style-type: none"> • Particulates < 10mg/m³ • Sulfur dioxide emissions from coke dry quenching < 45g/m³ • Sulfur dioxide emissions from coal loading < 70mg/m³ • Sulfur dioxide emissions from coke oven stacks < 20g/m³ • Nitrogen oxides < 80mg/m³
Wastewater	All waste water can be recycled to achieve zero discharge.
Solid wastes	Solid wastes that can be comprehensively utilized are fully utilized to achieve zero discharge; Solid wastes that cannot be comprehensively utilized are all entrusted to qualified companies for transportation and disposal to ensure that they will be not leaked or discharged.

Environmental Management System

- **Establish the Environmental Management Committee:** The Group has established a sound organisational structure for environmental management, with a multi-level management system such as the Environmental Management Committee acting as the top management body, routine management provided by the Environmental Protection Department, technical support provided by the Technical Department, and each workstation assigned with a full-time environmental officer. The responsibilities of all level of positions are specific. At the same time, the Group encourages employees at all levels to participate in the environmental protection work by establishing an appraisal and incentive system to ensure the continuous optimization and improvement of environmental management system;
- **Optimise the environmental management rules:** The Company implements such rules as the Environmental Protection Management Rules 《環境保護管理制度》, the Regulations on Environmental Test Management 《環境檢測管理規定》, the Management Procedures on Exhaust and Dust Emissions 《廢氣、粉塵排放管理程序》, the Management Procedures on Solid Wastes 《固體廢棄物管理程序》, the Management Procedures on Noise Pollution 《噪音排放管理程序》, the Emission Standard of Pollutants for Coking Chemical Industry 《煉焦化學工業污染物排放標準》, the Sewage Discharge Management System 《污水排放管理制度》, and the Emission Standard of Air Pollutants for Industrial Kiln and Furnace DB41/1066-2020 《工業爐窯大氣污染物排放標準 DB41/1066-2020》;
- **Dynamically identify and assess environmental factors:** The Company adopts dynamic working mode to carry out the identification and in-depth assessment of environmental factors according to changes in the operating activities, facilities and environment, and formulates precise and effective control measures on fully identified and assessed major environmental factors according to the principle of elimination, reduction and control;
- **Launch environmental protection promotion and education activities:** The Company launches education activities on environmental protection for employees through environment-related seminars, company publications and notice boards to integrate environmental awareness into employees' daily work and life, and improve the overall environmental awareness of employees.

Exhaust Gas Management

Production

- Ensure exhaust emissions are effectively controlled through exhaust gas control facilities such as coke dry quenching reconstruction, coke end dust removal of coking furnaces, desulfurization and denitrification for air ducts of coking furnaces, dust removal for raw material and product storage and transfer station, VOCs collection and in-depth processing, ammonia escape control and airtight storage and transport system of raw materials and products, and online monitoring base stations and through precision management so as to ensure the stable operation and maintenance of facilities and ultra-low emission standards; install dust removal facilities at the dust production nodes of the production units to reduce particulate emissions during the production processes.

Online Monitoring

- The Company's monitoring system is connected to the environmental monitoring platform for information sharing, and real-time monitoring is realized by using equipment such as online monitoring base stations to ensure the timeliness and accuracy of data.

Wastewater Management	Domestic Wastewater	<ul style="list-style-type: none"> The Company set up a domestic wastewater treatment station to conduct professional purification of domestic wastewater, and the domestic wastewater after treatment enters the Company’s water circulation system for internal recycling of water resources.
	Production Wastewater	<ul style="list-style-type: none"> For production wastewater, the Company is equipped with facilities such as phenolic and cyanic wastewater treatment station, advanced wastewater treatment station and comprehensive wastewater treatment station to purify and recycle all the wastewater from the Company through multiple processes to ensure that the water quality complies with the reuse standards and realize no discharge of wastewater, “zero” discharge of wastewater, and recycling of all wastewater.
	Ancillary Treatment Facilities	<ul style="list-style-type: none"> The Company has built a domestic wastewater treatment station, a phenolic and cyanic wastewater treatment station, a comprehensive wastewater treatment station, an initial rainwater collection pool and a water recycling system covering the whole company, which collects and treats all of the Company’s domestic wastewater, production wastewater and initial rainwater for professional treatment and reuses 100% of them.
Solid Waste Management	Hazardous Waste	<ul style="list-style-type: none"> The hazardous wastes that can be utilised, such as tar residue, biochemical sludge, sludge of gas-making water circulation system and waste mineral oil, are now 100% comprehensively utilised; tar residue, biochemical sludge, sludge of gas-making water circulation system are used for coal blending and coking, and waste mineral oil is used for lubricating equipment. No hazardous wastes were abandoned and leaked during the Reporting Period; Engage qualified entities to treat hazardous wastes that cannot be utilised in accordance with the laws and regulations upon approval for filing by the municipal environmental protection bureau and the environmental protection bureau where the entrusting party is located; The entire process of hazardous solid waste from generation to treatment and utilization is recorded in a complete ledger for statistics and monitoring.
	Non-hazardous Waste	<ul style="list-style-type: none"> The non-hazardous waste includes dust from dust collectors, coke oven gas slag and desulphurisation residues, and all dust from dust collectors is used for coal blending and coking; coke pellet gas slag is mainly used for paving, back-filling and temporary storage in the slag reservoir. No hazardous wastes were abandoned and leaked; Engage a third-party company for temporary storage and disposal of desulphurisation residues; The non-hazardous solid wastes have been properly utilized, subject to entrusted disposal and temporarily stored after classification according to their respective characteristics, and the entire process from generation to utilization is recorded in a complete ledger for statistics and monitoring.
Noise Management	Management Method	<ul style="list-style-type: none"> Formulate the Regulations on Noise Emission Management. Enhance noise emissions under certain standards by measures such as addition of noise reduction equipment, construction of noise equipment plant, tree planting and reasonable layout.

**Case: Collection and treatment of pollutants generated from three wastes
(i.e. water waste, gas waste and solid waste)**

According to the national, local government and industry requirements, the Company's Environmental Protection Department, workshops that generate three wastes, transport units and utilization and disposal workshops worked together to conduct collection, transport, storage and utilization of three wastes, which were recorded in a complete ledger and bound up into volume for filing with the municipal Environmental Protection Bureau. The Group carried out the projects of dry fog and dust removal for car receiving pit, AI identification of fog and dust removal for coal yard shed, full-automatic car wash station, and desulfurization, denitrification, fog and dust removal upgrading for air ducts of coking furnaces to prevent all pollutants from being leaked, discarded, disposed of illegally, and polluting the environment, which were recorded completely for traceability.



Full-automatic car wash station project

Emissions data from 2021 to 2023

Type of Emissions	Unit	2023	2022	2021
Total emissions volume of SO ₂	Ton	215.11	90.39	19.08
Intensity of SO ₂ emissions	Kg/RMB10,000	0.18	0.07	0.03
Total emission volume of nitrogen oxides	Ton	413.51	249.64	143.58
Intensity of nitrogen oxides emissions	Kg/RMB10,000	0.34	0.20	0.19
Total emission volume of particulates	Ton	65.77	41.31	21.32
Intensity of particulate emissions	Kg/RMB10,000	0.05	0.03	0.03
Total emission volume of greenhouse gases	tCO ₂ e	1,578,757.36	853,822.12	268,918.76
Total emission volume of direct greenhouse gases	tCO ₂ e	1,503,267.12	841,954.01	241,148.82
Total emission volume of indirect greenhouse gases	tCO ₂ e	75,490.24	11,868.12	27,769.94
Intensity of greenhouse gases emissions	tCO ₂ e/RMB10,000	1.31	0.69	0.36
Total discharge volume of sewage	Ton	0.00	0.00	0.00
Intensity of sewage discharge	ton/RMB10,000	0.00	0.00	0.00
Production volume of hazardous wastes	Ton	4,248.19	107,073.00	50,435.89
Intensity of hazardous waste production	ton/RMB10,000	0.004	0.09	0.07
Hazardous waste handling rate	%	100.00	100.00	100.00
Production volume of non-hazardous wastes	Ton	3,558.69	15,387.69	9,320.82
Intensity of non-hazardous waste production	Kg/RMB10,000	0.003	0.01	0.01
Non-hazardous waste handling rate	%	100.00	100.00	100.00

Notes:

- In 2023, Xinyang Jingang, which is mainly engaged in coke production and sales, was incorporated into the Company's ESG report, and the total amount of data increased after this entity was incorporated into the statistical table;
- Emission data of SO₂, NO_x and particulates in exhaust gas are calculated according to the Group's online monitoring system and self-monitoring statistics;
- The emission volume of greenhouse gases is calculated based on the Greenhouse Gas Accounting System Corporate Accounting and Reporting Standards issued by the World Resources Institute (WRI) and the World Business Council for Sustainable Development (WBCSD), the Fifth Assessment Report 2013 issued by the Intergovernmental Panel on Climate Change (IPCC) and the Accounting Method and Reporting Guide for Greenhouse Gas Emissions by Independent Coking Enterprise of the PRC (Trial), among which the greenhouse gas emission factors of the power part are selected according to the Accounting Method and Reporting Guide for Greenhouse Gas Emissions by Enterprise in 2021 issued by the Ministry of Ecology and Environment;
- Production volume of hazardous wastes is calculated according to the statistical ledger of the production system of the Group;
- Non-hazardous wastes are mainly wastewater biochemical treatment sludge, coke pellet gas sludge and domestic wastes, and the total emission volume of domestic wastes is calculated at 0.5kg/person/day;
- Intensity data are calculated by dividing emission/discharge/production volume by revenue;
- The source of emissions data comes from the production-oriented subsidiaries of the Group.

2.2 Attach Importance to Resource Utilization

The Group strictly complies with the Energy Saving Law of the People's Republic of China 《中華人民共和國節約能源法》 and the Clean Production Promotion Law of the People's Republic of China 《中華人民共和國清潔生產促進法》. By upholding the resource management concept of "energy conservation and emission reduction, environmental protection and sustainable development", the Group established and improved a series of internal management systems, including the Company's Energy Performance Management System 《公司能源績效管理制度》 and the Company's Energy Supervision Management System 《公司能源監督管理制度》. With the aim of "building a green and low-carbon energy and chemical enterprise", the Group actively undertook environmental responsibility, effectively utilized energy and obtained ISO50001:2018 energy management system certificate. In 2021, the Group was awarded the title of "National Green Factory" issued by the Ministry of Industry and Information Technology of Henan Province. The Company is committed to integrating green concepts into production and office to improve the efficiency of resource use, promote economic quality and efficiency enhancement with low-carbon development, and contribute to the construction of a green, low-carbon and recycling economic system.

Resource Management Objective: 2021-2025

Energy consumption	Process energy consumption per unit product of coke $\leq 110\text{kgce/t}$
Water consumption	Fresh water consumption per unit product of coke $\leq 1.2\text{m}^3/\text{t}$, and steam consumption per ton of coke $\leq 0.36\text{t}$

Achievement of 2023 Resource Management Objective

Energy consumption	Process energy consumption per unit product of coke was 108.6kgce/t
Water consumption	Fresh water consumption per unit product of coke was $1.16\text{m}^3/\text{t}$, and steam consumption per ton of coke was 0.22t

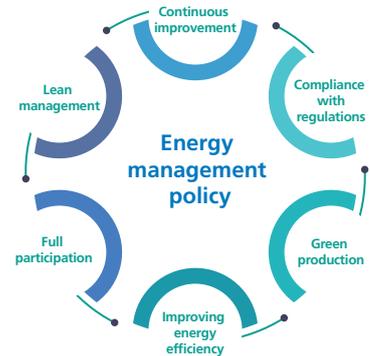
Note: As Jinma Zhongdong has not commenced its production at the time of setting the resource management objective for 2021-2025, the management objective and annual achievement excluded the consumption by Jinma Zhongdong. We will update and adjust the management objectives based on the actual conditions of the Company.

■ Energy Management System

The Group paid close attention to and comprehensively analyzed changes in the internal and external environment. In light of the future development plan and strictly based on the Energy Management Systems Requirements with Guidance for Use and relevant national laws and regulations, the Group formulated and implemented the Energy Management System Manual. Meanwhile, on this basis, the Group clarified its energy management policy, built the energy management structure, and worked out a more comprehensive energy management system according to actual energy consumption, continuously standardizing its energy management, reducing energy consumption and improving energy utilization efficiency throughout the life cycle from energy input to product conversion to ensure the standardized, effective and persistent energy management of the Group.

■ **Energy management policy**

- Comply with energy-related laws, regulations and other requirements
- Actively promote clean production, reduce energy consumption from the source, and promote the development of circular economy
- Vigorously adopt new energy-saving technologies and equipment to reduce energy consumption and improve the efficiency of energy utilization
- Rationally utilize energy, establish and continuously improve energy management system
- Insist on the people-oriented principle, full participation and fulfil social responsibility



■ **Key steps in energy management**

Risk Assessment Management	Implementation of Energy Targets	Regular Energy Review
<p>Assess and analyze the risks and opportunities of energy management, plan risk and opportunity response measures, and promote continuous improvement of energy management system and energy performance.</p>	<p>All departments and branches (subsidiaries) shall formulate and implement energy management schemes to achieve the Group’s environmental goal of energy and water consumption.</p>	<p>Based on the measurement and other data, analyze the energy use and consumption, identify the main areas of energy use, etc., and draw a clear energy structure, energy flow and product energy consumption map.</p>

■ **Water resources management**

With the management concept of “careful use of water resources and strict management of water resources”, the Group continued to strengthen the management of water resources in strict accordance with the Water Law of the People’s Republic of China 《中華人民共和國水法》 and relevant national laws and regulations. During the Year, the Group revised the internal systems, including the Company’s Non-Production Water Management System 《公司非生產用水管理制度》 and the Domestic Water Management Regulations 《生活水管理規定》.

The Group obtained water from municipal tap water, surface water and did not have problems in securing suitable water resources.

Taking multiple measures to promote water conservation

- Strengthen and improve data surveying and statistics, ensure the equipping rate and completeness rate of measuring instruments at each water point to accurately measure and sort out the data to form a ledger;
- Build advanced water treatment facilities to achieve the tertiary use of water resources and reduce consumption of fresh water;
- Carry out unified and standardized recycling of all swill generated by the restaurant to prevent secondary waste of water resources;
- Strengthen inspections of daily water consuming system, identify and correct unreasonable water pipe network layout in a timely manner to ensure the balance and efficiency of the water consuming system;
- Organize informative and diverse publicity activities to raise the employees’ awareness of water conservation.

Water resources management effect

In 2023, fire-fighting water renovation was carried out in the office logistics area, apartment building toilets and bathrooms used for cleaning, and employee bathroom showers were replaced with water-saving types to reduce water consumption in daily life.

■ **Measures of energy saving and consumption reduction**

While insisting on energy-saving management by using comprehensive approach of “technology + management”, the Group integrated emission reduction into many aspects of its business operation by improving the systems, optimizing management scheme, and innovating and transforming technology. This measure optimized the production cost structure and improved the energy utilization efficiency, providing strong support for advancing the enterprise towards green and low-carbon development.

External honor



Water conservation advocacy chalkboard



Grade A Green Plant

Green production

- The Group built an energy management system, and starting from the whole process of production and organization activities, it took measures such as energy-saving monitoring, energy audit, energy efficiency benchmarking, internal audit, energy consumption measurement and test, energy balance statistics, management review, self-evaluation, energy-saving technical transformation, and energy-saving assessment to constantly improve the effectiveness of continuous upgrading of the energy management system, realize energy management policies and commitments and achieve expected energy consumption or use targets; the Group improved and revised the energy management system in response to the actual situation to promote the efficient development of energy management;
- The Company has built an intelligent factory production despatch management center to realize the unified despatch of production resources such as water, electricity, gas, steam, wind and sewage of each subsidiary, which can reduce material consumption, improve energy utilization efficiency, optimize the energy consumption network, improve the utilization rate of surplus heat and pressure, and reduce the consumption of energy;
- Implement clean production, eliminate outdated and high energy-consumption equipment, select energy-saving and environmental products and reduce energy consumption of process and equipment; Strengthen the allocation of the public and auxiliary measuring instruments to ensure accurate measurement of public and auxiliary facilities;
- Build advanced water treatment facilities to achieve the tertiary use of water resources and reduce consumption of fresh water; Attach great importance to the research and development of energy-saving and emission-reduction technology and promote the renewable energy utilization projects.

Green office

- Formulate and implement systems, including the Office Supplies Management Regulations and the Regulations on the Management of Computers and Air Conditioning, regulate the use of office supplies and air-conditioning and computers, to reduce waste and achieve energy saving and consumption reduction;
- The Group has comprehensively promoted the 100% utilization rate of computers in management posts, and realized paperless work in respect of administrative examination and approval, document handling, internal signing and reporting, financial reimbursement, notices and announcements and management of meetings and meeting affairs. By the end of 2023, OA and NC system have covered all the staff members of the group company, strengthened the technical support for daily work, promoted the electronic-based exchange and storage of documents, shortened the cycle of financial approval and reimbursement and information transmission, reduced the costs of paper, equipment, transportation and human resources, and played a positive role in the efficiency and resource conservation of the Company.
- LED energy-saving lamps are used in public areas and offices, temperature limits are set for air conditioners, and slogans are posted next to the lighting switches to remind employees to save electricity.

Green commuting

- Check and approve the travel fuel consumption limit standard of the vehicles to avoid long-term speeding and idling;
- Communicate about the need to use of scheduled buses in advance and combine all of the needs to arrange scheduled buses reasonably, improving the utilization efficiency of scheduled buses and buses;
- Encourage green commuting among employees. Every year, the Group transports employees to and from work by scheduled bus for a total of 2,900 times, transporting 145,000 employees; reducing more than 140,000 employees' trips by private car and saving by about 112,000 liters of gasoline.

Case: Taking multiple measures to promote energy saving and consumption reduction

1. Installation of time control switches on the laboratory lighting for improvement

The hall lights of the Company's laboratory building which are also used for lighting the roadway in front of the door are turned on or off by hand before improvement. Therefore, they are not turned on or off in a timely manner, resulting in hidden dangers and waste. The Company purchased time control switches and installed them on the lighting line to realize turning on and off on time, avoid waste, and eliminate the hidden dangers of forgetting turning on the lights.



Installation of time control switches on the laboratory lighting for improvement

2. Optimization of the air separation process of the gas workshop

Before improvement of the air separation process, when massive subsequent gas is consumed, the Company's gas plant shall maintain full load work, resulting in high power consumption. The Company implemented the following three improvement measures: 1. When the subsequent gas consumption is reduced, turn down the discharge pressure of the air compressor in a timely manner to reduce the air compressor load; 2. According to the operating conditions in the fractionating tower, reduce the oxygen emissions under the condition of stable index to decline the load of air compressor; and 3. Keep the recycled water staying at a stable temperature and turn off the unnecessary fans to effectively save power consumption through the adjustment measures.

时段	产品消耗				产品产量				物化总库存				
	原料 (t)	天然气 (m³)	电 (kWh)	水 (m³)	焦炭 (t)	中压蒸汽 (t)	高压蒸汽 (t)	氮气 (m³)	原料 (t)	焦炭 (t)	中压蒸汽 (t)	高压蒸汽 (t)	氮气 (m³)
早班	0	0	0	61	0	7.5	0.8	0	19289	19648	93109	249	0
中班	0	0	0	61	0	7.5	0.8	0	26300	26500	93600	249	0
夜班	0	0	0	55	0	7.5	1.0	0	16500	16500	93900	249	0
合计	0	0	0	183	0	22.5	2.5	0	155300	16600	321300	747	0
备注	211.11	200	20189	28245	75345	319	33.9	0	180000	218800	938000	747	0

时段	产品消耗				产品产量				物化总库存				
	原料 (t)	天然气 (m³)	电 (kWh)	水 (m³)	焦炭 (t)	中压蒸汽 (t)	高压蒸汽 (t)	氮气 (m³)	原料 (t)	焦炭 (t)	中压蒸汽 (t)	高压蒸汽 (t)	氮气 (m³)
早班	25.21	17	36699	207	4200	7.5	0.6	0	33700	31600	93100	249	0
中班	23.67	19	34000	207	4200	7.5	0.8	0	34900	31900	93100	249	0
夜班	16.53	12	27800	207	4200	7.5	0.7	0	33500	33300	93100	249	0
合计	65.41	48	102499	621	12600	22.5	2.1	0	102100	106800	279300	747	0
备注	431.55	307	99200	2450	46100	22.5	19.5	0	123000	162000	279300	747	0

Optimization of the air separation process of the gas workshop

3. Pump frequency transformation for reclaimed water treatment products in the power room

Before the improvement of the Company’s reclaimed water treatment products, the pump conveyed the product water to the chemical production workshop at the power of 30KW under the direct starting mode. Due to the great impact force of direct start and longer pipeline with air inside, it is difficult for the operator to control the opening of the valve, causing the pipeline break in the large canal many times, affecting the water supply. The Company installed the old idle inverter that is matchable in the warehouse, and the motor speed was changed to controllable speed after improvement. After the operator starts the pump, the direct start is converted to gradually increased frequency, which greatly reduces the impact on the pipeline and avoids the pipeline break and disruption of water supply.



Pump frequency transformation for reclaimed water treatment products in power room

4. Water-saving transformation in public areas

Fire water renovation was carried out on the cleaning water in the office logistics area, the toilets and bathrooms of the apartment building, and the shower heads of the employee bathroom were replaced with water-saving ones to reduce the domestic water consumption.



Water-saving renovation of employee bathroom

5. Promoting the implementation of photovoltaic projects

The Company built a 1.24MWp distributed photovoltaic project on the idle roof of the factory to achieve grid-connected power generation for all areas by March 2023, and built a mobile data monitoring background to implement monthly inspection system. The project is operating stably at present and can save grid power of about 1.1 million kWh annually.



Distributed photovoltaic project

Data on use of resources from 2021 to 2023

Type of resources	Unit	2023	2022	2021
Diesel	Ton	755.11	692.92	522.00
Gasoline	Ton	41.53	23.31	17.22
Net purchase of electricity	1,000 kWh	-200,034,945.94	230,515.90	218,001.20
Net purchase of thermal power	GJ	-446,453.18	-235,832.86	74,994.78
Total volume of integrated energy consumption	Ton of standard coal	1,331,963.35	884,708.95	304,062.89
Intensity of integrated energy consumption	Ton of standard coal/RMB10,000	1.10	0.71	0.41
Total volume of freshwater consumption	Million ton	4.85	2.66	1.30
Intensity of freshwater consumption	Ton/RMB10,000	4.02	2.16	1.76
Recycling rate of water for industrial use	%	98.28	98.28	98
Packaging	Ton	N/A	N/A	N/A

- Notes:
1. The integrated energy consumption data above is calculated according to the General Rules for Calculation of Integrated Energy Consumption;
 2. The intensity data above is calculated by dividing consumption volume by revenue;
 3. The resource consumption data comes from the production-oriented subsidiaries of the Group;
 4. In 2023, Xinyang Steel Jingang Energy Co., Ltd. (信陽鋼鐵金港能源有限公司) was incorporated into the Company's ESG report, and this company's coke production and sales business can generate electricity and thermal power by itself; the net purchase of electricity and the net purchase of thermal power are negative after they are included in the table of data on the use of resources;
 5. As coke is a bulk industrial product, no packaging is used in the process of production and transportation.

2.3 Tackle Climate Change

Tackling climate change is a common challenge for all mankind and deeply affects the economic and social development, which cannot be ignored. It is a key issue for future development to positively tackle the impacts of climate change. The Group attaches great importance to the environmental impacts of greenhouse gases generated during its production and operation process, and effectively strengthens dual-control of greenhouse gases and pollutant treatment by a series of practices including optimisation of energy structure, and energy-saving settings and renovations. In response to the impact of extreme weather events caused by climate change, the Group pays attention to its development trend, takes precautions against disasters such as floods, rain, snow and ice, and high temperatures under seasonal extreme weather, improves emergency plans, and enhances emergency disposal capabilities to ensure rapid and effective response to natural disasters. By taking multiple measures such as strengthening the risk management mechanism, optimizing the business portfolio, and promoting technological innovation to tackle the transitional risks and physical risks arising from climate change, the Group actively contributed to the goal of achieving carbon peaking and carbon neutrality.

GHG Target: 2021-2025

- Through energy saving and reduction of consumption, process upgrading, green office and other measures, the Group will further reduce carbon emissions and contribute to the goal of achieving carbon peaking and carbon neutrality.

<u>Climate-related risks</u>	<u>Type of risks/ opportunities</u>	<u>Potential impacts</u>	<u>Response to risks</u>
Transitional risks	Policy and regulatory risk	The market is gradually paying more attention to the risks posed by climate change, and relevant national policies are more stringent on GHG limits	Intensify the development of renewable energy, and strengthen the research, development and application of energy-saving technology. Promote the development of coking chemical and hydrogen energy fusion through the purification of hydrogen by-product gas, and actively transform to develop clean energy
	Market risk	Consumers' preference changes and consumers tend to choose low-carbon products	Promote the development of coking chemical and hydrogen energy fusion and provide clean products and services
	Reputational risk	Failure to take proactive and effective actions to respond to climate change and to disclose information in a timely manner so as to respond to the needs of external stakeholders may damage the Company's reputation	Enhance the disclosure on compliance information and strengthen communication and exchange with stakeholders continuously
Physical risks	Acute risk	Extreme weather, such as floods and typhoons, may cause damage to assets, loss of personnel and interruption of business activities	Develop and implement rules such as the Special Weather Response System, the Storm Drainage System, Zenan Reservoir Flood Control and Emergency Plan etc. and organize emergency drills regularly, to prevent and control risks related to lightning, rain and snow and other special weather to ensure safe production
	Chronic risk	Equipment and facilities may be damaged due to the rising temperature, which may affect the Company's normal operation and increase its operating cost	Intensify daily inspection and maintenance of production and operation equipment

Case: Strengthening innovation to establish a hydrogen energy industry base

Hydrogen energy is one of the most potential clean energies nowadays, and the development and utilisation of hydrogen energy is a major strategic direction of current global industrial innovation and energy transformation. In the future, the Group will prioritise the production of high-purity hydrogen for vehicle use through the layout of industrial parks, relying on the existing hydrogen production plants and expanding the scale of hydrogen production. Focusing on the industrial planning of hydrogen production, hydrogen storage, hydrogen transport, hydrogenation, hydrogen fuel cells and hydrogen vehicles, the Group has formed a cyclic development between the industry chain of hydrogen energy and the extended industry chain of traditional energy. Through the demonstration base for green and low-carbon development, the Group will achieve clean and efficient utilisation of coal as well as green and sustainable development.

2.4 Protection of Environment and Natural Resources

In strict compliance with the Environmental Protection Law of the PRC 《中華人民共和國環境保護法》, and under the principles of reasonable development and effective protection, the Group strived to perform water and soil conservation work and actively performed its environmental protection responsibilities according to relevant laws, regulations and industry standards. The Group prudently evaluated and minimized the potential impacts on the environment and natural resources during the project construction and operation. With a high sense of responsibility and mission, the Group is committed to reducing environmental pollution by keeping away from the environmentally sensitive areas and important water resources and reducing the occupation of agricultural and forest land. The Group has also conducted ecological monitoring of the changes in environmental sensitive areas in industrial parks and has formulated effective emergency plan for environmental risks to reduce environmentally pollution with responsible attitude and behaviour, making positive contributions to sustainable development and ecological civilization construction.

- Strictly implement “Three Simultaneity” rules and environmental impact assessment rules. All new, rebuilding or expansion projects have to prepare environmental impact assessment reports as required, and obtain the approval of competent departments;
- Strictly implement “six 100%” for construction projects, complete enclosure of construction areas, 100% wet cleaning being used as coverage of exposed soil, complete coverage of construction materials, reduce fume generated from welding with fume collector and complete coverage of transport vehicles such as construction trucks, and strictly implement the relevant early warning regulations during the heavy pollution weather warning period;
- Site selection and land used for new, rebuilding or expansion projects should avoid occupying agricultural and forest land, and soil control measures should be strictly implemented to prevent soil environmental pollution;
- Reduce dust and soil loss through greening, coverage, spray and other measures during the project construction, and carry out excavation and back-filling operations based on national and local requirements to make every effort to ensure water and soil conservation;
- Implement water-proof measures at factory areas, set up groundwater monitoring stations as required, and actively implement groundwater and soil control and pollution prevention measures and environmental risk mitigation measures;

- Build a domestic wastewater treatment station, a phenolic and cyanic wastewater treatment station, a comprehensive wastewater treatment station, an initial rainwater collection pool and a water recycling system covering the whole company, which collects and treats all of the Company’s domestic wastewater, production wastewater and initial rainwater and reuses 100% of them. Reduce the soil and water pollution in the natural environment to a large extent while reducing the surface groundwater yield;
- Formulate the Regulations on Greening Management, attach importance to the greening construction of the Company, stipulate the greening coefficient target of the Company, organize greening tasks such as planting grass and trees, drive employees to plant trees voluntarily, with a voluntary tree planting diligence rate of over 95.4%;
- Greening coefficient target: area in front of the plant $\geq 50\%$, production area $\geq 30\%$.

Case: Continuously carrying out greening actions to beautify the working environment and jointly building ecological harmony

As an entity bearing environmental and social responsibilities, the Group has always been committed to promoting green enterprise and ecological construction. In 2023, the Company’s landscaping team trimmed the hedges of office area for 10 times, trimmed the lawn for 10 times, and pruned the branches for all trees in the office area for one time, enhancing the greening image of the factory. About 2,000 Jinyuan red leaf photinia trees and about 800 red photinia ball trees were planted, spraying insecticide for trees and weeds for 3 times, covering an area of about 8,000m².

On 12 March 2023, in response to the call for environmental protection, the Company organized the Company’s employees to participate in the voluntary tree planting activities on Arbor Day and designed greening plans for both sides of Jinma Avenue and the factory area. The regional ecological environment quality has been improved through voluntary tree planting and other ways, with a voluntary tree planting diligence rate of over 95.4%. The Company continued to promote the landscaping work to create a more beautiful and pleasant living environment for employees and surrounding residents.



The Company’s landscaping team is conducting greening for the office area



The Company’s tree planting activity on Arbor Day

Case: Control of environmental pollution during project construction

The Company built a 7-meter coke oven in 2023. In the construction process, measures such as ground hardening, greening, coverage, enclosure and spray for reducing dust were adopted to control environmental pollution and reduce soil erosion. These measures greatly reduced the dust in the construction process while reducing soil erosion due to construction, precipitation, wind and other processes.



Control of environmental pollution during project construction

Case: Desulfurization, denitrification and dust removal project for coke oven

The Company has specially built desulfurization, denitrification and dust removal facilities for coke oven flue gas to treat the coke oven flue gas before discharging it according to the standards. For dry quenching coke flue gas, the Company has built a dry quenching high-temperature flue gas desulfurization device to purify SO_2 in the dry quenching furnace flue gas. The concentrations of particulate matter, sulfur dioxide, and nitrogen oxides in the treated coke oven flue gas and dry quenching flue gas meet the special emissions of air pollutants in the "Coking Chemical Industry Pollutant Emission Standards" (GB16171-2012, DB41/1955-2020) of 50% and lower, i.e. $\text{SO}_2 < 10 \text{ mg/m}^3$, $\text{NO}_x < 80 \text{ mg/m}^3$, and particulate matter $< 10 \text{ mg/m}^3$ under the baseline oxygen concentration.



Desulfurization, denitrification and dust removal project for coke oven

The Environmental Protection Department of the Company actively organized the heads of production workshops and the environmental protection officers to participate in the training of environmental protection knowledge and the emergency drill of simulated environmental emergencies, requiring each workshop to organize employees to study environmental protection knowledge in depth and raise the environmental awareness of all employees. In order to continuously strengthen employees' awareness on environmental protection, the Environmental Protection Department elaborately planned and posted environmental advocating slogans in the eye-catching positions of the Company such as corridors, buildings, lawns, and vegetation to guide employees to develop the environmental protection habits in written form.

3. Care for Employees

Employees are the most precious asset of a company, and the Group always focuses on addressing and meeting the developmental needs of employees. The Group adheres to the talent concept of “respecting people, relying on people, developing people, and satisfying people”, striving to establish a fair, transparent, and inclusive work environment to fully protect the legitimate rights and interests of each employee. We strictly prohibit all forms of child labour and forced labour, uphold the principle of equal employment, and offer fair competition opportunities and career development avenues to all employees, irrespective of gender, age, race, religious beliefs, or social background. Through the establishment of a professional training system and diverse career development paths, our goal is to support employees in continuous growth and realization of their self-worth. Furthermore, the Group places great importance on the humanistic care of its employees, not only offering a healthy and safe working environment for employees but also enacting various relief and supporting policies and organizing diverse cultural and sports activities to boost team cohesion, enhance the physical and mental well-being of employees, endeavour to establish harmonious and mutually beneficial labour relations, and grow together with employees.

3.1 Equal Employment

The Group strictly complies with the relevant laws and regulations including the Labour Law of the PRC 《中華人民共和國勞動法》, Labour Contract Law of the PRC 《中華人民共和國勞動合同法》, and the Provisions on the Prohibition of Using Child Labour 《禁止使用童工規定》. It has established and continuously enhanced its employment management policy, optimized the supervision and management system for employee rights, built an effective employee protection system, and ensured the protection of employees’ legitimate rights and interests. We uphold the principle of equal employment, guaranteeing transparency and fairness in the recruitment and promotion process, and rigorously selecting talent based on job requirements and individual abilities. Additionally, we have set up various feedback channels, reinforced internal monitoring, ensured the proper implementation of every personnel policy, promptly rectified any instances of inequality, and are dedicated to fostering a non-discriminatory work environment. Any type of unfair treatment will be addressed seriously.

The Group strictly prohibits the use of child labour and forced labour, and forbids all forms of employing child labour and compulsory labour. During the Reporting Period, the Group was not involved in any litigation relating to employment of child labour, forced labour and material breach of labour laws.

The Group has developed policies to detail recruitment procedures and regulations when recruiting. Before new employees join the Group, the Group’s human resources department will carry out strict background checks on candidates to eliminate any employment of child labour. When any irregularities are found, the Group will immediately investigate and take disciplinary action. If necessary, the Group will further improve the labour mechanism in view of any violations.

Employment Data in 2023

Indicator	Unit	Number in 2023	Unit	Proportion in 2023
Total Employees	Persons	2,963	%	100
By Gender				
Male employees	Persons	2,423	%	81.8
Female employees	Persons	540	%	18.2
By Title				
Functional business	Persons	289	%	9.7
Professional technology	Persons	192	%	6.5
Skills operation	Persons	2,482	%	83.8
By Employment Type				
Full-time employees (contract)	Persons	2,963	%	100
Part-time employees (labor dispatch, temporary workers)	Persons	0	%	0
By Age				
Under 30 years old	Persons	919	%	31.0
31-40 years old	Persons	1,192	%	40.2
41-50 years old	Persons	754	%	25.5
Above 51 years old	Persons	98	%	3.3
By Region				
Within Henan Province	Persons	2,923	%	98.7
Outside Henan Province	Persons	40	%	1.3
Minority Employees				
Number of minority employees	Persons	67	%	2.3

Employee Turnover Indicator in 2023

Indicator	Unit	2023
Annual Turnover Rate of Employees		
Annual turnover rate of full-time employees	%	6.7
By Gender		
Turnover rate of full-time male employees	%	5.6
Turnover rate of full-time female employees	%	1.1
By Age		
Turnover rate of employees under 30 years old	%	6.3
Turnover rate of employees who are 31-40 years old	%	0.2
Turnover rate of employees who are 41-50 years old	%	0.1
Turnover rate of employees over 51 years old	%	0.1
By Region		
Turnover rate of employees within Henan Province	%	6.7
Turnover rate of employees outside Henan Province	%	0

3.2 Employees' Rights and Interests

The Group strictly complies with the relevant laws and regulations including the Labour Law of the PRC 《中華人民共和國勞動法》 and Labour Contract Law of the PRC 《中華人民共和國勞動合同法》 as well as other applicable laws relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare, and attaches great importance to the protection of employees' rights and interests. It continuously improves the salary system and, through scientific design, offers competitive and humanized salaries and benefits to its employees. Simultaneously, rewards and incentives are granted according to employee performance and contributions. The assessment and promotion processes are open and transparent, guaranteeing that each employee's career advancement is determined by their abilities and accomplishments. The Group adheres strictly to the national working hour system, provides paid leave to employees as per regulations, and has established clear and explicit attendance and leave policies within the company. Additionally, we promote equality and diversity, foster an inclusive work environment, and encourage employees to voice their opinions through open communication, aiming for collaborative creation and win-win results.

Fair and standard recruitment

- Formulate and implement the Regulations on Management of Recruitment of Employees and the Regulations on Management of Resignation of Employees. Recently, recruitment information is published mainly through channels such as recruitment websites, local employment bureaus and WeChat Official account with clearly defined recruitment and dismissal conditions and a fair and standardized employer-employee relationship;
- Focus on introducing highly educated, high-quality and highly skilled personnel as well as staff for special positions.

Remuneration and benefits

- Establish a scientific and reasonable working hours and remuneration system which offers competitive remuneration to employees;
- The post wage was increased, other fees such as high-temperature subsidies and cooling fees, and health expenses for female employees were increased, which has further improved the salary level of employees and protected their benefits;
- Pay five social insurance premiums according to law for all employees and establish employee welfare systems such as housing provident funds for employees who have completed their probation period.

Assessment and promotion

- The employee assessment and promotion mechanism is open and transparent, to ensure that each employee is fairly assessed and reasonably promoted during his/her tenure.
- Based on the nature of the job positions, employees are provided with multiple promotion pathways, and all types of talents are provided with ample development opportunities;
- In accordance with the establishment and staffing of administrative and management positions and the production operation situation, internal open competition is prioritized in the event of vacancies in management roles. All assessments and competitions are open and transparent, to ensure that each employee is fairly assessed and reasonably promoted during his/her tenure.

Attendance and vacation

- The Company formulates clear and concise rules on attendance and vacation, provides marriage leave, bereavement leave and maternity leave with basic salary paid according to relevant national regulations and pays overtime salary according to the national standard during holidays, to fully protect the employees' rights and interests.

Equal working environment

- Emphasizing on building a diversified team, the Company now has relevant policies and measures regarding equal opportunity, diversity and anti-discrimination (in the case of employing people with disability) in force;
- Provide an equal and fair opportunity for each employee and forbid discrimination against gender and disability.

Strengthen democratic communication

- Implement the system of employee representatives meeting to consider major decisions of the Company and significant issues relevant to the personal interests of employees, such as bonuses, allocation plans of income and welfare distribution, and to evaluate work reports presented by leaders of the Group at the annual employee representatives meeting;
- Promote the transparency of factory affairs through various media and in various forms, such as organizing quarterly experience symposium for employee representatives, monthly meeting on factory affairs and weekly meeting on production scheduling, while at the same time updating information on factory affairs in the open column for factory affairs and in internal monthly bulletins, widening the channels for democratic decisions, democratic management and democratic supervision by employees, and listening to opinions and suggestions from employees;
- Protect the rights of information, participation and supervision for employees and enhance the coordination and communication between the enterprise and employees.

3.3 Growth and Development

The Group adheres to the talent concept of “respecting people, relying on people, developing people, and satisfying people”, focuses on cultivating high-level and compound talents, and improves the mechanism for selecting, cultivating, using, and gathering talents. As the Group develops, the employees’ needs for development are also satisfied through the construction of multi-tiered and multi-dimensional training system, enriching training contents, and innovating training approaches. The Group strives to incorporate training throughout the career of employees. From enhancing professional skills to fostering leadership development, from individual growth to promoting team collaboration, we offer employees a diverse array of learning resources and practical opportunities, ensuring that each employee can discover a growth path that aligns with their personal development. In the meantime, we enhance talent development and management system construction, establish a scientific and effective assessment and evaluation mechanism, and create seamless avenues for talent growth. The Group vigorously cultivates high-quality talents, continues to optimise its talent structure, establishes an effective mechanism for the flow of talents and gradually optimises the talent growth channel. The Group adopts the “bringing in, going global” mode of training to build a team of talents with suitable scale, reasonable structure and high quality in areas of operation management, professional technology and skills operation. The continuous prosperity of the Group originates from the realization and enhancement of employees’ personal values. We strongly believe that the growth of employees is the future of an enterprise.

Enhance the establishment of management system for nurturing talents

- Establish and form a four-in-one training system for new employee induction training, employee vocational capability training, backup management training, and management training.
- Strengthen the training mechanism for outstanding talents, and formulate the Outstanding Talent Selection and Cultivation Management Plan 《優秀人才選拔培養管理方案》 to promote talent cultivation through internal training, external training, and post rotation, to further improve the management level and business capabilities of existing middle and senior management personnel and technical backbones.

Establish a scientific and effective assessment and evaluation mechanism

- Formulate scientific and feasible talent assessment methods, take training performance as an important indicator of talent pool assessment, select outstanding talents who “want to do, can do, can be successful, and be no accident”, and form a dynamic management mechanism which can facilitate mobility of personnel within the organization and maintain vitality of the organization.
- Conduct assessments for middle and senior management personnel annually, and the assessment result will be an important basis of adjustment for leaders and cadres.

Enhance talent exchange, expand development channel

- Facilitate the development pathways for management, technology, and skilled talents; establish an evaluation system centered on innovative value, capabilities, and contributions; nurture a specialized management team in the Group’s electromechanical instruments sector; establish a “Skill Master Workshop” predominantly comprising talents from the coal chemical industry; and create assessment and employment mechanisms for chief engineers, technicians, chemists, and others.

Focus on nurturing young reserve cadre talents

- Focus on selecting young reserve cadre talents with high mindset quality, advanced professional skills, strong work capabilities and conduct systematic and comprehensive nurturing.

Training data of employees from 2021 to 2023

Indicator	Unit	2023	2022	2021
Total number of employee trainings	Times	420	20	18
Total number of employees	Persons	55,860	5,500	7,000
Total expenditure on training	RMB ten thousand	105.31	188	80
Percentage of employees trained (Percentage of employees trained = (Number of employees trained/Number of employees) * 100%)	%	100	100	100
Percentage of male employees trained	%	100	82	88
Percentage of female employees trained	%	100	18	15
Percentage of ordinary employees trained	%	100	95.6	80
Percentage of middle employees trained	%	100	4	50
Percentage of senior employees trained	%	100	0.4	10
Average hours of training for employees	Hours	76	60	–
Average hours of training for male employees	Hours	72	60	55
Average hours of training for female employees	Hours	72	60	55
Average hours of training for ordinary employees	Hours	72	60	55
Average hours of training for middle employees	Hours	192	48	55
Average hours of training for senior employees	Hours	56	30	52

Case: Formulating annual training plan to improve the comprehensive ability of employees

During the Reporting Period, the Group implemented a variety of training programs for grassroots employees in line with the 2023 Training Plan. These programs include new employee onboarding training, three-level safety education and training, professional skills training, and new apprenticeship training, with the goal of enhancing employees' safety awareness, professional skills, and overall competency. Simultaneously, the Company prioritizes training employees in areas such as safety, legal compliance, and office operations to address their holistic development requirements. Through the implementation of pre-employment and on-the-job training for new employees as stipulated by the 2023 Training Plan, the Company ensures that employees possess the essential knowledge and skills before assuming their roles, thereby establishing a robust foundation for the Company's sustainable development.



Opening Ceremony of the New Apprenticeship System

3.4 Humanistic Concern

The Group upholds the philosophy of humanism and is committed to enhancing employee well-being and sense of social responsibility. The Group developed the Administrative Measures for the Mutual Aid Funds of Henan Jinma Energy Company Limited 《河南金馬能源股份有限公司互助基金管理辦法》, the Measures for the Implementation of Scholarships of Henan Jinma Energy Company Limited 《河南金馬能源股份有限公司獎學金實施辦法》 and other assistance systems, and established scholarships to encourage employees' children in their schooling, aiming to provide comprehensive support for employees and their families. This not only relieves the financial pressure on employees when facing sudden difficulties but also motivates their children to strive for excellence in education. At the same time, the Company has showcased its deep commitment to humanistic care by putting in place a range of considerate initiatives, like offering cooling measures for employees during hot summer and organizing health check-ups for female employees on International Women's Day. Furthermore, we arrange a diverse range of leisure and cultural activities for our employees, such as poetry recitals during the Mid-Autumn Festival, specially crafted heart-to-heart symposiums for veterans, and tailored health programs for cadres and employees, all aimed at boosting employee satisfaction and happiness in the workplace.



Rest and recuperation activities for cadres and employees



Veterans' symposium

Case: Cultural and Sports Activities for Employees on the 20th Anniversary of the founding of the Company

As the scorching summer sets in, the Dragon Boat Festival quietly approaches. The Company has meticulously organized a themed event titled "Our Festival: Dragon Boat Festival with the Aroma of Zongzi", with the goal of preserving Chinese tradition and fostering mutual understanding and teamwork among employees. On the day of the event, the Company invited skilled Zongzi-making masters to teach employees the art of crafting delicious Zongzi. Through this hands-on experience and communication, employees strengthened their teamwork abilities. The Dragon Boat Festival event not only enriched the cultural life of employees and strengthened team cohesion but also provided employees with the opportunity to experience the charm of traditional festivals, fostering a sense of joy and further igniting their enthusiasm for work and their sense of belonging to the Company.



The Dragon Boat Festival event

In order to enhance team spirit and collaboration among employees, and also to enrich employees' leisure and cultural activities, the Company carefully planned and held tug-of-war and table tennis competitions. In order to ensure the fairness of the event and the safety of participants, the Company also specially invited a professional team of referees. On the day of the event, colleagues encouraged each other, studied tactics, and showed a positive spirit. Through the organization of these sports activities, the Company not only provides employees with a platform to relax and showcase their strengths and talents, but also enhances communication and cooperation among employees, creating a positive, healthy and lively working atmosphere.



Tug-of-war competition



Table tennis competition

4. Focus on Safety and Health

The Group upholds the safety principle that “safety is the cornerstone of the Company’s existence,” emphasizing production safety and employee health as pivotal elements in attaining sustainable and steady enterprise growth. We strictly abide by the Work Safety Law of the PRC 《中華人民共和國安全生產法》, the Law of the PRC on the Prevention and Control of Occupational Diseases 《中華人民共和國職業病防治法》, the Regulations on Safety Management of Dangerous Chemicals 《危險化學品安全管理條例》 and the Regulations on Safety Production in Henan Province 《河南省安全生產條例》 and other safety-related laws and regulations, and continuously improve the internal safety management mechanisms to ensure the safety and health of employees. We have set up a rigorous safety management system, and carried out risk assessments and hazard investigations to guarantee production safety. By conducting regular safety education and training, we aim to enhance employees’ safety awareness and emergency response capabilities. Concurrently, we focus on the occupational health of employees, implementing regular health check-ups and detecting occupational hazard to safeguard their physical and mental well-being. These measures are designed to establish a safe and healthy working environment for employees, laying a strong foundation for the stable development of the enterprise.

During the Reporting Period, no deaths or major injury accidents had occurred.

4.1 Management on Safety Operation

The Group formulated the Safety Standardization Management Manual 《安全標準化管理手冊》, National Safety Production Responsibility System 《全國安全生產責任制》 and other institutional documents. Adhering to the policy of safety first, prevention-oriented and comprehensive management (安全第一、預防為主、綜合治理), with “safety production standardization” as the focal point and “dual prevention mechanism” as the means of implementation, the Group developed and continually enhanced the safety production responsibility system and safety risk prevention and control mechanism, furnishing institutional assurances for the effective implementation of safety management efforts. We identify, assess, and control potential risk factors through routine security inspections and real-time monitoring, enabling the effective management of diverse security risks. Moreover, we have established an emergency response mechanism and accident handling procedure to ensure swift and efficient response in case of emergencies.

During the Reporting Period, the Group set the following safety production objectives:

- Minor injury rate $\leq 1\%$, with no serious injuries and work-related fatalities;
- The equipment maintenance rate is 100% as planned;
- No major equipment operation accidents;
- No in-plant traffic accidents;
- No incidence of occupational diseases;
- “Three-level” safety training for all of the employees;
- 100% training pass rate for outsourced construction personnel.

To achieve these goals, the Group implemented the following initiatives:

- In accordance with the provisions of the new Work Safety Law 《安全生產法》, we have refined and improved the list of safety responsibilities and assessment standards for personnel at all levels, and signed a safety target responsibility letter and a safety commitment letter at each level, so that job safety responsibility, fire safety responsibility, emergency response responsibility and occupational health responsibility can be implemented in a four-in-one manner and simultaneously.
- Based on the Guidelines for the Investigation and Governance of Corporate Safety Risks in Hazardous Chemicals 《危險化學品企業安全風險隱患排查治理導則》, with risk identification and control at the core, and with risk control list and hidden danger detection and management list as the basis for inspection, we issued monthly risk control tasks through the intelligentized management platform and insisted on identifying safety risks at all levels and detecting and managing hidden dangers at all levels, to form a regular mechanism for risk control and hidden danger detection and governance.
- We further improve training management and supervision and inspection to ensure that there is a sound safety training program, with specific training implementation rules, detailed training records and assessment results.
- We regularly hire professional teachers to conduct special training in different specialties to gradually improve the safety skills of managers (middle-level cadres, team leaders, safety officers) and grassroots employees.
- The competent units should regularly conduct special training for foreign personnel to continuously improve the safety awareness and skills of foreign construction personnel.
- We continuously carry out “five knows, five skills, and five cans” job knowledge training, and regularly organize safety examinations to ensure the effectiveness of training.

Work-related Injury Data in 2021-2023

Indicator	Unit	2023	2022	2021
Deaths of full-time employees who died from work-related injuries	Persons	0	0	0
Percentage of full-time employees who died from work-related injuries	%	0	0	0
Days of work lost due to work-related injuries (days lost per 200,000 work hours)	Days	40	45	80

4.2 Safety Education and Training

The Group attaches great importance to the safety education of employees, training 82 new employees and 968 outsourced construction personnel during the Year, with a pass rate of 100%. All units continued to carry out safety day activities in the work group twice a month. During the Year, all units held a total of 216 work group activities, organized 32 study sessions for safety management personnel, and conducted 216 safety emergency trainings with 3,286 participants, ensuring that the training is well-organized, informative, well-summarized, and properly documented. The Group has repeatedly engaged professionals to deliver a series of expert lectures to safety management personnel, covering topics such as Drawing Experience from Accidents and Determining the Main Body Responsible for Safe Production 《深刻吸取事故教訓落實安全主體責任》, Work Safety Law of the PRC 《中華人民共和國安全生產法》, Safety Regulations for Special Operations in Hazardous Chemical Enterprises 《危險化學品企業特殊作業安全規範》, and disseminated safe production knowledge to all individuals. Through these educational courses, safety management employees have not only updated their knowledge of laws and regulations about safe production but have also developed a deep understanding of the significance and immediacy of safe production. By consistently providing safety education and training, our goal is to safeguard the safety and well-being of employees, foster the establishment of a robust safety culture within the company, and offer substantial backing for the long-term stable growth of the Group.

During the Reporting Period, 133 employees of the Group held registered safety engineer certificates.

Case: Conducting the production safety month activity with the theme of “everyone talks about safety and everyone knows how to deal with emergencies”

In June 2023, which is the 22nd national production safety month, Henan Jinma Energy Company Limited conducted the production safety month activity with the theme of “everyone talks about safety and everyone knows how to deal with emergencies” throughout the Company based on its actual situation. Through various safety activities such as publicity and education, personnel training, emergency drills, hidden danger investigation and control, and accident warning education, the Company aimed to improve the safety awareness of all employees, standardize safety behaviors, establish a long-term mechanism and achieve sustainable safety production.

- The security department of the Company engaged safety experts from the Emergency Management Bureau to provide a special training themed on “everyone talks about safety and everyone knows how to deal with emergencies” for the Company’s safety management personnel.
- Various forms of safe production publicity and education to create a safety atmosphere: During the production safety month, the safety promotion videos and safety knowledge were timely uploaded and displayed on the scrolling screen at the Company’s entrance. All the departments and workshops of the Company conducted warning education activities such as “safety production discussion” and “learning from cases” and used blackboards, bulletin boards, banners, slogans, display boards, etc., to publicize various safety knowledge.
- Carrying out emergency drill week activities: During the production safety month, the Company organized various emergency drills based on the situations of all units, including comprehensive emergency drill for liquid oxygen storage tank leakage, emergency drills for coal yard greenhouse fires, and emergency drills for heatstroke incidents. These emergency rescue drills helped improve the employees’ awareness and accident response capabilities and verified the effectiveness and feasibility of emergency plans, achieving the objectives of the drills. All units carried out a total of 25 emergency drills in accordance with the annual emergency drill plan during the production safety month, with more than 760 participants.

- Carefully conducting hazard identification and control: To ensure production safety, all the units launched the regional hazard identification and control activities. Based on the principle of “bottom-up and progressive layer” principle, the activities were aimed to ensure that hazard identification covered every aspect and no potential risk was omitted. For hazards identified during the investigation, all units adopted a strategy of classified management and hierarchical control. For hazards that could be rectified promptly, relevant persons immediately took actions to ensure timely resolution of problems. For hazards that could not be immediately rectified, all units formulated detailed preventive measures and clarified management responsibilities, to ensure that control was completed within specified time.
- Innovating activity modes: The Company creatively integrated safety culture into every detail of employees’ daily work and life. Through the “Take Safety Home” campaign, employees could not only enhance their awareness of home safety, but also bring the diligent attitude from work to their homes. The competition of wearing positive pressure respirators helped employees exercise their self-rescue skills in emergency situations and promoted communication and cooperation among employees. Employees gained a deep understanding of the importance of safe operations from the warning and education activities themed on “learning from cases”, improving their ability to prevent accidents.



**Production safety month
launching ceremony**



**Ceremony for signing the letter of
commitment for safe production**

The Company pays attention to the construction of a safe training space and adopts a strategy that combines online independent learning with offline physical training, aiming to enhance employee’s professional technical capabilities and safety awareness. This training model aims to improve the Company’s work efficiency and safety production levels through comprehensive skills improvement and safety education. The Company develops or utilizes existing online learning platforms to support employees to learn through computers and mobile devices; in the construction of physical space for offline training, the Company invests resources to create well-equipped training classrooms, which can not only accommodate a sufficient number of employees to conduct concentrated learning, but are also equipped with multimedia teaching equipment. Through these measures, the Company has not only improved employee’s safety awareness and professional skills, but also laid a solid talent foundation for the Company’s long-term development.



Development and construction of a safe training space

4.3 Occupational Health Management

The Group conscientiously implements the Work Safety Law of the PRC 《中華人民共和國安全生產法》, the Labour Law of the PRC 《中華人民共和國勞動法》, the Law of the PRC on the Prevention and Control of Occupational Diseases 《中華人民共和國職業病防治法》, the Workplace Occupational Health Supervision and Management Regulations 《工作場所職業衛生監督管理規定》 and the “Three Simultaneities” Supervision and Management Measures for Occupational Disease Protection Facilities of Construction Projects 《建設項目職業病防護設施“三同時”監督管理辦法》, and other national laws, regulations and standards, and considers occupational health management as an indispensable part of its business operations. We provide regular medical examinations and occupational disease screening and consultations for employees by establishing a sound occupational health monitoring system to ensure that their health is fully protected. We comprehensively assess and improve the work environment and operational procedures that may affect employees’ health and strictly implement the workplace hygiene standards, to reduce occupational hazards. We strive to improve the occupational health and safety production management system of “taking charge by enterprise, management by professionals, and supervision by employees”, strengthen and standardize the supervision and management of the construction of occupational disease prevention facilities in construction projects, ensure the occupational health and safety of all employees in the production process, and promote the harmonious development of corporate safety production.

During the Reporting Period, the Group did not record any occupational disease cases, with a 100% coverage rate of occupational disease physical examination.

- Improve occupational health management system:** The Company has formulated a sound occupational health management system, such as the Occupational Disease Hazard Prevention and Control Accountability Rules 《職業病危害防治責任制度》, the Occupational Disease Hazard Protective Supplies Management Rules 《職業病危害防護用品管理制度》 and the Workplace Occupational Hazard Factor Identification and Management Rules 《作業場所職業危害因素檢測管理制度》;

- **Establish an occupational health leadership team:** The occupational health leadership team was established to better coordinate the occupational health management of the Company, conduct occupational health education and training, organize occupational health examinations and evaluations, and help employees better understand and maintain their occupational health, so as to prevent and reduce the occurrence of occupational diseases;
- **Define the occupational hazard influence factors in the workplace:** For factors or equipment in workplace that may cause occupational hazards, warning labels with detailed explanation in Chinese are posted at noticeable locations to explain potential occupational hazards and precautions for safety operations and maintenance;
- **Regular monitoring of occupational hazard influence factors:** The Company has carried out testing of occupational hazard influence factors that may arise from the production process on a regular basis and truthfully informed the operators of such factors;
- **Conduct occupational health training:** Regularly organize the training of workers on occupational health related knowledge to ensure workers can properly use occupational disease protective facilities and personal protective gears, and those who fail to pass the training assessment cannot commence their services;
- **Provide occupational health protective gears:** Distribute qualified protective gears to workers, such as protective clothing, protective goggles, dust protecting mask, protective gloves, insulating shoes, gas masks, earplugs, etc., and urge them to use them properly;
- **Organize regular occupational health examinations:** The Company organizes occupational health inspections before, during and after the service, sets up occupational health surveillance records and informs employees of the results in writing.

5. Adhere to Responsible Operations

Innovation is the driving force for an enterprise, quality is its foundation, and management is its survival basis. The Group adheres to the new development concept and the product philosophy of “creating value for users with high-quality products”. It is committed to accelerating the industry transformation and upgrading to achieve the goals of green, low-carbon and high-quality development of the enterprise. The Group adjusts and optimizes the product mix to enhance the added value of products and further extends and expands the industrial chain to effectively enhance its overall competitiveness. Meanwhile, it propels the management and technological improvements through innovation, promotes intelligent and information technology construction, and strengthens supply chain management, to continuously improve its core competitiveness, and accelerate high-quality development. In 2023, the Group was ranked the 57th of Henan Top 100 Enterprises (河南企業 100 強).

5.1 Quality Products Management

The Group attaches great importance to improving the quality of products and services, stringently complies with relevant laws and regulations and industry rules, including the Product Quality Law of the PRC 《中華人民共和國產品質量法》, firmly follows the quality concept of “creating value for customers with high-quality products”, continuously improves the development of product quality management systems, strengthens the process management of coal blending, coking, chemical production, processing of coal tar and benzene, so as to control product quality in an all-rounded way and to ensure that coke, coal tar, crude benzene and other products meet the standards such as the Coke for Metallurgy (GB/T 1996-2017), Coal Tar (YB/T 5075-2010) and Crude Benzene (YB/T 5022-2016), in an effort to improve the product quality and service level. Moreover, the Group pays great attention to customer service work, establishes multi-channel feedback mechanisms for different issues, actually protects customers’ reasonable, compliant and lawful rights and interests, and endeavours to establish long-term, stable and mutually beneficial cooperative relationships with customers.

The Group adopted various management measures to promote quality and efficiency. During the Reporting Period, there were no complaints related to products quality, with 98.5% customer satisfaction and 0% product return rate.

■ Comprehensive Quality Management System

- Establishment of a quality management system:** To ensure that our products meet the highest quality standards, the Group has established a management system centered on quality management. We have developed a series of multi-dimensional quality control systems by formulating the Quality Management Manual 《質量管理手冊》 comprising of the Quality Management Regulations 《質量管理規定》, the Quality Control Point Management Measures 《質量控制點管理辦法》, and the Quality Control Standards for Washing Clean Coal and Reward and Punishment Measures 《進場洗精煤質量控制標準及獎懲辦法》, so as to continuously follow up with and regularly assess the progress in achieving targets, ensuring the effective implementation and continuous improvement of the quality management system;
- Improvement of the quality control of production processes:** We have formulated the Production and Operation Outline 《生產運行大綱》 with regular updates and refined the entire production process, to ensure that various factors affecting product quality are effectively controlled during the production process. We have formed a comprehensive, coordinated and efficient production process control system, to reduce production costs and improve product quality;
- Testing of inspection procedures for raw and auxiliary materials and products:** We have analyzed and tested incoming products such as raw and auxiliary materials, intermediate products, and coke, tar, crude benzene and other outgoing products in accordance with the Testing Frequency Rules 《化驗檢測頻次規定》 to ensure the product quality, improve the production efficiency and enhance customer confidence;
- Management of defective products:** Formulate and implement the Defective Products Management Rules 《不合格品管理規定》 and take graded measures to deal with the defective products, such as reworking, concession acceptance, scrapping or downgraded use to ensure that products and raw materials that do not meet standards are controlled. Defective products will already be dealt with before selling to the market and hence, no recall procedure is applicable;
- Provide product after-sales service:** We develop and improve relevant systems such as the Customer Complaint Form, Customer Complaint Handling Scheme and Customer Feedback Form, proactively offer attentive after-sales service and pay a return visit to customers; conduct customer satisfaction survey on a regular basis in terms of product quality and after-sales service by face-to-face communication, letters and other forms, start from customers' needs, listen to their demands, actively address complaints related to products and services, promptly handle customer feedback, and are open to customer supervision to improve and enhance product quality in a timely manner;
- Customer privacy protection:** Establish and improve the confidentiality system of customer information, and strengthen the protection of customer information and data. We have professional business personnel responsible for customer docking and communication, and ensure that all business personnel have strong personal qualities to guarantee the security of customer information and data; we use a variety of software developed by the Company, through real-time monitoring, peripheral management, application control, terminal security system, etc., to control employees and protect the Company's information and network security by means of technical encryption, strengthen internal management and strengthen external protection; we have regular discussions on information security at monthly security meetings, weekly meetings, etc.

5.2 Encourage Innovative Development

With a goal of building an “innovative modern energy and chemical enterprise”, the Group accelerated the transformation and upgrading of the company, promoted effective connection and deep integration of the innovation chain and industrial chain, and actively built a new material and energy industry system. We regarded independent innovation as the key to enhancing the core competitiveness of the company and achieving high-quality development. The Group insisted on taking the path of independent innovation, increased investment in science and technology, strengthened the principal status of technological innovation and developed new technologies and products to improve our market competitiveness. Through continuous technological innovation and industrial upgrading, we contributed to sustainable and high-quality development.

■ Science and technology innovation management

- **Continuous improvement:** Focusing on current urgent and difficult problems of safety, production, equipment, environmental protection, and quality, the improvement team formulates specific problem points and organizes employees to put forward “improvement proposals” based on their own responsibilities. The proposals may be themed on improving management, improving safety production capacity, quality assurance capacity, environmental protection capacity and other aspects that contribute to the progress of the enterprise. Large improvement projects will be evaluated and scored by the Company’s improvement promotion team according to the Benchmark Table for Grading of Proposal Outcomes and rewarded depending on the effect of the improvement.
- **Quality management activities:** Employees are encouraged to choose topics on quality improvement, equipment optimization, technology improvement, etc., and publish the final results through a series of activities such as investigating the status quo, setting target values, analyzing causes, determining key factors, formulating countermeasures, implementing countermeasures, evaluating the effect, consolidating measures and formulating plans. An internal quality control (QC) results conference is held in March every year, and topics that have been rated as Grades I and II QC results of the Company are recommended to the municipal QC results conference. QC groups that have achieved good results will be rewarded to inspire the enthusiasm and creativity of front-line operators and managers, and promote quality management exchanges and improvement.
- **Laboratory research and development activities:** The Group, in collaboration with Zhengzhou University-Jiyuan Research Institute, has established the Henan Province Engineering Laboratory of Coal-based Ecological Fine Chemicals. Based on the needs of technological upgrading and transformation development of the coal and coke industry, the laboratory conducts research in four aspects: development of modern coking technologies, energy utilization technologies of coke oven gas and development of chemical products, development of downstream fine chemicals and functional materials such as “triphenyl” derived from coking, as well as deep processing of coal tar and coal pitch products, promoting technological progress in the coal and coke chemical industry and achieving sustainable development.

■ Innovation in science and technology

The Group considered technological innovation as the core engine for achieving sustainable development. We not only strove to promote effective connection between the innovation chain and the industrial chain, but also actively built new material and new energy industry systems to address the increasingly severe environmental challenges facing the world today. In addition, we have formed partnerships with renowned universities such as Tsinghua University and Zhejiang University, and established technology centers to strengthen cooperation and communication between the academic and industrial sectors and jointly explore innovative applications in cutting-edge technological fields. Through continuous investment in research and development and deep cooperation with leading partners in various industries, we have successfully transformed technological achievements into innovative products, bringing new power and vitality to the market. We aim to create a collaborative and innovative ecosystem, so as to make positive contributions to driving the entire industry towards more sustainable development.

<p>Promoting innovation and upgrading of the industrial chain</p>	<ul style="list-style-type: none"> • We vigorously extended, supplemented and strengthened the industrial chain, cultivated “chain leaders”, formed an ecological industry, leveraged the advantages of benzene-based aromatic hydrocarbon resources and extended the chain to establish the industry chain of benzene hydrogenation -cyclohexanol-adipic acid-biodegradable plastics; • We implemented capacity expansion and transformation in deep processing of coal tar, with a deep processing capacity of hundreds of thousands of tons every year. We also extended the chain to develop high-end carbon-based new materials, such as needle coke, high-power graphite electrodes and carbon fibers.
<p>Making layout in hydrogen energy sector to boost the utilization of new energy</p>	<ul style="list-style-type: none"> • We actively established industrial parks to expand hydrogen supply, with an aim to achieve a hydrogen production capacity of 1 billion cubic meters per year and build a hydrogen supply base in Henan Province; • We planned to build over ten hydrogen refueling stations in surrounding cities such as Jiyuan, Zhengzhou and Luoyang, with a focus on key scenarios, to promote the pilot applications of fuel cell vehicles and hydrogen power generation; • We pursued development throughout the hydrogen equipment industry chain, focusing on fields such as hydrogen fuel cells, hydrogen vehicle transformation, hydrogen engines and complete hydrogen vehicle transformation.
<p>Collaborating with universities to highlight innovation leadership</p>	<ul style="list-style-type: none"> • We gave full play to the platform role of the engineering laboratory of coal-based ecological fine chemicals, planned to establish a research institute for hydrogen energy and coal-based new materials, and carried out applied basic research in areas such as fine chemicals, new materials, hydrogen energy, energy storage, carbon dioxide capture and utilization, energy conservation, environmental protection, and green low-carbon technologies, in order to enhance our independent innovation capabilities and promote industrial application; • We took advantage of the expertise of graduate students to continue conducting research projects and technological transformations and actively apply for patents and scientific and technological achievements.
<p>Henan Province Engineering Laboratory of Coal-based Ecological Fine Chemicals</p>	<ul style="list-style-type: none"> • The laboratory is equipped with advanced equipment such as gas chromatograph, liquid chromatograph and laser particle size analyzer, which are used to analyze the composition and functional groups of gas, liquid and solid samples generated in the experimental process, and provide strong theoretical support for the inference of reaction mechanism. For the research and development of new catalysts, the laboratory is equipped with multi-functional catalyst forming machines and catalyst evaluation devices and other equipment; in order to develop fine chemical products, it is equipped with many kinds of reactors such as fixed bed experimental devices, fluidized bed high-pressure micro-reactor devices, high-pressure parallel reactors and magnetic stirring autoclaves, etc.; • The laboratory has an academic committee comprised of seven professors from universities and four renowned experts from the industry to guide the research work in the engineering laboratory. The engineering laboratory carries out product research and development, process optimization and improvement with the joint efforts of more than 50 R&D personnel from the Company and Jiyuan Research Institute of Zhengzhou University.

Cases: Exerting the platform effect to promote the transformation of scientific and technological achievements into productivity

With the endorsement of the Development and Reform Commission of Henan Province, the Company made a significant investment of RMB10 million to establish the Henan Province Engineering Laboratory of Coal-based Ecological Fine Chemicals. Throughout 2023, the laboratory diligently fulfilled its role as a scientific research platform, providing unwavering support for innovative R&D endeavors and technological advancements.

“Coal-based Fine Chemicals and Functional Materials” Project

The engineering laboratory collaborated with the School of Chemical Engineering and Energy at Zhengzhou University to advance the development of coal-based fine chemicals and functional materials with high added value. Currently, it is conducting production trials for cyclohexylbenzene, utilizing benzene and cyclohexene as raw materials and employing a self-developed supported phosphotungsten heteropolyacid catalyst which has been filed for a national invention patent. This particular product finds its primary application in the high-end lithium-ion battery electrolyte market, where it is sold as an overcharge protection agent for lithium-ion batteries. Moreover, the remaining cyclohexylbenzene undergoes environmentally friendly processes to produce phenol and cyclohexanone, which serve as vital raw materials and intermediates for pharmaceuticals and nylon materials. These high value-added products not only create new business opportunities and profit growth drivers for the Company and contribute to the expansion of business scope, but also facilitate the transformation and upgrading of the industrial structure.

Organizing scientific and technological exchanges and achieving some success

The Group’s engineering laboratory boasts a well-structured team of talented individuals and actively engages in scientific and technological exchanges. Presently, it has successfully organized two domestic technical exchanges, with the participation of 50 experts, who have provided valuable suggestions for the Company’s development planning and product development. Leveraging its own resources, the laboratory has established an efficient project team committed to relevant research and development, yielding some success. Notably, our new catalytic oxidation desulfurization engineering technology of coke oven flue gas and negative pressure ammonia distillation engineering technology of coking residual ammonia water have won the first prize and second prize of the municipal technological invention award respectively. These accolades underscore the Company’s exceptional performance in technological innovation and practical application, further showcasing its remarkable technological prowess and innovative capabilities.

■ **Steadily promote the deep integration of informatization and industrialization**

In today's fiercely competitive business landscape, the rapid advancement of information technology presents unparalleled opportunities for enterprises. The Group insists on the integration of informatization and industrialization policy of "digital empowerment, cost reduction and efficiency increase, green production, and full participation", aiming to seamlessly integrate digital technologies into all business processes. This endeavor encompasses reducing management costs, improving work and product quality, fostering innovative, intelligent, and sustainable development, so as to establish a robust foundation for the enterprise's sustainable growth.

In 2023, the Group was awarded the AAA-level Integration of Informatization and Industrialization Management System Certificate in recognition of its ground-breaking capability in the integration of informatization and industrialization, which was developed through the construction of coal chemical production and operation control capabilities. This certificate's validity extends to the Group's management activities of the AAA-level integration of informatization and industrialization pertaining to the construction of coal chemical production and operation control capabilities, encompassing the value creation process and collaborations with partners. It comprises four key areas: production process control capability, safety and environmental protection control capability in coal chemical production, supply chain synergy control capability, and business and financial integration control capability.

- Digital empowerment: Continuously use digital technology to improve the overall digital level of the Company, continuously empower the Company's management and employees, continuously optimize and adjust the phased goal, adhere to dynamic improvement, and continuously improve the performance of integration of informatization and industrialization;
- Cost reduction and efficiency enhancement: Establish a scientific management system for integration of informatization and industrialization that is compatible with the actual production and operation of the Company, so that there are patterns and rules to follow in the process of development, making the production and operation of the enterprise more standardized and efficient, thus improving the level of enterprise management, continuously improving the efficiency of enterprise management, reducing costs and improving quality, and finally achieving the purpose of cost reduction and efficiency enhancement.
- Green production: The Company makes full use of digital technology to continuously improve the intelligence of production equipment and management process, improve process management level through equipment intelligence, continuously reduce energy consumption in the production process, reduce pollutant emissions, enhance energy conservation and emission reduction, gradually achieve green production and establish a green production system.

- Full participation: All employees participate to play the role of teamwork. Every employee of the Company, including top managers to ordinary employees, is both a builder and practitioner of the management system. From the top manager to each employee, they should: learn the system, use the system, and constantly put forward suggestions for system improvement in the actual work, and the system management department should constantly improve the system, which is the basis to ensure the effective operation of the system and the guarantee of the successful operation of the system.



AAA-level Integration of Informatization and Industrialization Management System Certificate

■ Intellectual property and privacy protection

The Group strictly complies with the Patent Law of the PRC 《中華人民共和國專利法》 and relevant laws and regulations of locations where we operate related to intellectual property protection. We have established clear processes and actively refined methods in respect of intellectual property management, and have intensified efforts in intellectual property protection, ensuring compliance of intellectual property protection with the regulations. While focusing on enhancing the comprehensive ability to create, apply, protect, and manage intellectual property rights, we reinforce technical employees' awareness to keep sensitive information confidential, steadfastly maintaining the integrity and security of our intellectual property rights. Simultaneously, great emphasis is placed on privacy protection and information security, and the Contract Law of the People's Republic of China 《中華人民共和國合同法》 is strictly observed to prohibit the disclosure of trade secrets of contracting parties. For process involving the transformation of scientific and technological achievements, we also strictly follow the requirements set forth in the Law on Promoting the Transformation of Scientific and Technological Achievements of the PRC 《中華人民共和國促進科技成果轉化法》, ensuring the utmost confidentiality of technical secrets.

In 2023, a total of 18 utility model patents were granted to the Group.

Technology and Innovation Data in 2023

Indicator	Unit	2023
Annual investment in research and development	RMB ten thousand	3,010
R&D personnel	Persons	15
Number of patent applications	/	20
Number of patents granted	/	8

5.3 Supply Chain Responsibility Management

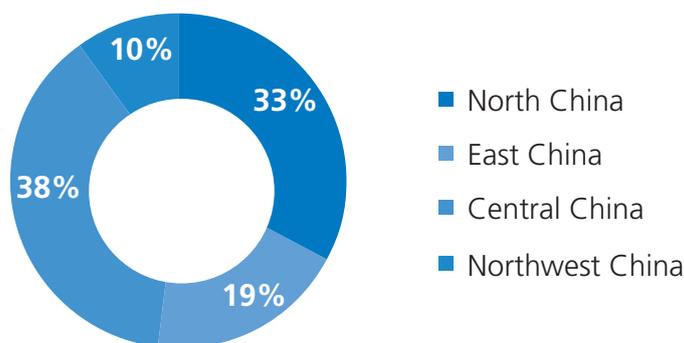
Committed to the partnership of open cooperation and mutual benefit, the Group actively fulfills its responsibility as win-win partner, attaches great importance to supply chain management, and continuously raises the awareness and capability of suppliers on responsibility. The Group adheres to the principle of fair procurement, strictly monitors the process in choosing our suppliers and continues to promote the establishment of procurement standard and informatization construction. By constructing a management platform, the Group aims to establish an open, fair, and just procurement environment, standardize ethical business practices, and prevent incidents of commercial bribery and other forms of corruption. Concurrently, we enhance the supplier management system by implementing supplier rating management and conducting regular training and other activities. By incorporating risk factors such as production safety, occupational health, environmental protection, and emission reduction into the assessment and evaluation of suppliers, and setting clear expectations for them to fulfill their responsibilities, an improvement has been made in the level of environmental and social risk management among suppliers. Various measures have been taken by the Group to safeguard its own interests while effectively considering the interests of suppliers, fostering a win-win situation with the supplier partners.

- Improving supplier management rules:** The Group formulated related rules such as the Material Procurement Management Rules 《物资採購管理制度》, the Raw Material Coal Procurement Management Rules 《原料煤採購管理制度》 and the Supplier Evaluation Management Rules 《供方評價管理制度》 to clarify procurement requirements and procedures, ensuring a stable and efficient supply chain operation, elevating the supply chain management level, and enhancing competitiveness;
- Implementing supplier rating management:** According to the actual production needs of the Company, the raw and auxiliary materials provided by suppliers are classified into key materials, important materials and general materials; and the suppliers are classified into qualified suppliers, temporary suppliers and unqualified suppliers according to the influence of the purchased products provided by suppliers on the production and product quality of the Company;

- Carrying out social risk assessment of suppliers:** The Group formulated an assessment policy for suppliers, established a supplier evaluation team comprised of relevant functional departments to implement dynamic evaluation management of suppliers and required suppliers to comply with all applicable environmental, health and safety laws, regulations and requirements. The Group conducted focused assessment on the suppliers’ ability in taking up environmental and social responsibilities and the extent of environmental and safety influence of their products to the Company, so as to ensure the sustainability of all qualified suppliers and that they can meet the demand for production;
- Preferentially select energy-saving and environmentally-friendly products:** For newly revamped projects, the Group clearly defines its procurement requirements and preferentially selects energy-saving materials and equipment during the procurement process for equipment and products, contributing to the reduction of costs, emissions and pollution;
- Carrying out supplier training:** The Group actively carried out training on safety and other aspects for outsourced construction units in conjunction with the production operation of the Company to ensure understanding of the Company’s safety policies and procedures, mastery of the correct safety operation methods, and enhancement of safety awareness and capabilities.

Supplier Data in 2023

Indicator	Unit	2023
North China	Supplier	7
East China	Supplier	4
Central China	Supplier	8
Northwest China	Supplier	2
Number of annual audited suppliers	Supplier	21
Annual supplier assessment rate	%	100
Sessions of training on ESG related topics for suppliers	Times	1
Percentage of supply chain ESG audits	%	100



The Ratio of Suppliers by Region

6. Community Public Service

Consistently embracing the cultural concept of “being loyal internally, being honest externally, and being responsible toward the society”, the Group actively engages in the development of new rural infrastructure, supports the advancement of education, culture, and charitable initiatives, and contributes to the revitalization of rural areas and the promotion of shared prosperity. By means of donations for education, disaster relief efforts, poverty alleviation programs, and other endeavors, the Group continues to deepen its commitment to charity and public welfare, fostering the unity and dissemination of positive social influence. Through practical actions, the Group exemplifies corporate social responsibility and dedication, harnessing the power of business for the greater good. During the Reporting Period, the cumulative donations to external parties amount to RMB1,212,100.

The Group’s exceptional performance in public charity and community contributions has garnered recognition and appraisal from numerous key stakeholders. During the Reporting Period, the Group was honored with prestigious awards, including the first Henan Charity Award bestowed by the Henan Provincial Government and the Outstanding Charity Project Award presented by the Henan Provincial Charity Federation.

6.1 Public Welfare

<p>Public welfare</p>	<p>The Double Ninth Festival is a celebration that deeply embodies the value of respecting the elderly. To uphold the Chinese traditional virtues of respect, care and love for the elderly, during the festival, the Company’s labor union organized a condolence visit to employees’ parents who are over 70 years old, as well as the elderly residents aged 70 or above in the surrounding villages including Wanghu, Nandu, Zenan and Zebei. This heartfelt gesture provided comfort to 668 employees’ parents and 602 elderly residents from surrounding villages, with the total amount of condolences extended reaching RMB193,200.</p> <p>The Group donated RMB1.5 million to support the development of the coarse cloth industry in Guanyang New Village, Lilin Town. By adopting a “cooperative + farmers” approach, scattered households will be organized to achieve unified management, production, packaging, and sales. This collaborative effort will foster synergy and contribute to the creation of a distinctive brand. Once the project is implemented, it is anticipated that it will yield an annual output of 20,000 old coarse cloth bed sheets, with a total value of RMB6 million. Moreover, it will generate employment opportunities for over 300 individuals involved in the production and processing and boost the collective income of the surrounding six villages, further fortifying the foundation of the rural revitalization industry.</p>
<p>Donation for education</p>	<p>Commenced in 2012, the “Ten-Year Plan for Charity Education of Jinma Energy” aims at assisting academically talented underprivileged students in completing their studies through sustained financial support. In 2023, the Group continued this initiative by donating RMB500,000 to 100 students. To date, a total of RMB10.01 million has been provided in financial aid to 500 disadvantaged students, making the Group the leading contributor of educational assistance in Jiyuan City.</p> <p>The Group subsidizes the children of the Company’s workers in need and college students from the surrounding villages who have been admitted to undergraduate colleges and universities by giving RMB3,000 per person per year. In 2023, the Group helped a total of 96 persons by providing them with funds totaling RMB288,000.</p>



Condolence visit to the elderly during the Double Ninth Festival



Donation distribution activities of "Charity Education" of Jinma Energy



Awarded the First Henan Charity Award



Awarded the Outstanding Charity Project by the Henan Provincial Charity Federation

6.2 Volunteer Activities

Echoing with the core socialist values, the Group actively promotes the spirit of volunteerism, and encourages its employees to participate in volunteer service. We regularly host a variety of volunteer activities, including landscaping and voluntary blood donation. These endeavors not only enrich the essence of social civilization development but also foster stronger team cohesion and a heightened sense of social responsibility among all employees, testifying our contributions to the establishment of a harmonious society and the betterment of local communities.



Voluntary tree-planting campaign



Voluntary blood donation