



大唐環境產業集團股份有限公司
Datang Environment Industry Group Co., Ltd.*

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



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2024 Environmental, Social and Governance (ESG) Report

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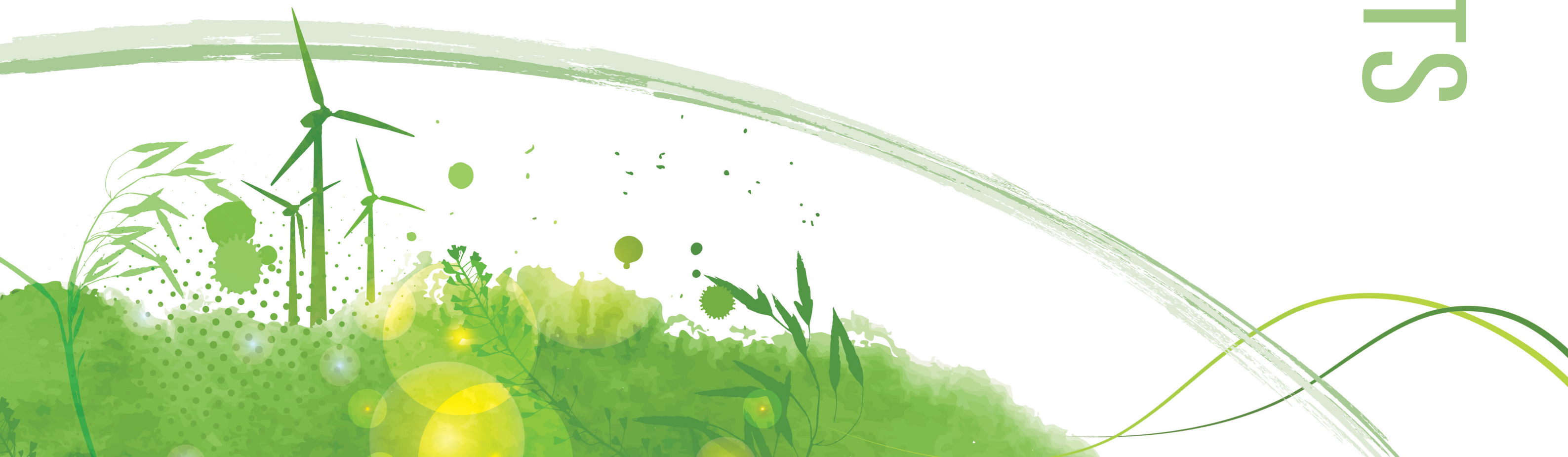
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About this Report

This Report is the 2024 Environmental, Social and Governance (ESG) Report (hereinafter referred to as "this Report") issued by Datang Environment Industry Group Co., Ltd. (hereinafter referred to as "the Company") and its major subsidiaries (collectively referred to as "the Group", "Datang Environment", or "we"). This Report aims to disclose the key achievements of Datang Environment in sustainable development during 2024, with a focus on addressing the concerns and expectations of various stakeholders in the Group.

◆ Reporting Period

This Report covers the period from January 1, 2024, to December 31, 2024. In order to enhance the comparability and completeness of the Report, certain sections appropriately revisit previous years and include forward-looking statements.

◆ Reporting Scope

The reporting scope is consistent with the Company's 2024 Annual Report.

◆ References

This Report has been prepared in accordance with Appendix C2 Environmental, Social and Governance Reporting Code (hereinafter referred to as the "ESG Reporting Code") of the Listing Rules of Securities on HKEX (hereinafter referred to as the "Listing Rules") issued by Hong Kong Exchanges and Clearing Limited (HKEX), strictly complying with the mandatory disclosure requirements and the "comply or explain" provisions. At the same time, it actively references and responds to the Reference Indicator System for ESG Reports of Listed Companies Controlled by Central Enterprises issued by the State-owned Assets Supervision and Administration Commission (SASAC) of the State Council. This Report follows the principles below:

Materiality: This Report is based on the results of assessment of material issues. It highlights and responds to ESG material issues of high concern to internal and external stakeholders, taking into account the Company's ESG material issues during the year and changes in internal and external trends.

Quantitative: While maintaining the practice of disclosing quantitative indicators as in previous years, this Report also includes certain quantitative targets for reducing negative environmental and social impacts, demonstrating our confidence and determination to enhance our sustainability performance. The information includes quantitative measures such as standards, calculation methods, references used in calculating key performance indicators, and details of conversion factors applied, in order to help stakeholders better understand the Group's ESG performance.

Balance: The content of this Report reflects objective facts and discloses both positive and negative indicators. This Report has been reviewed by the Board of Directors of the Group (hereinafter referred to as the "Board of Directors") to ensure that there are no significant omissions or selective disclosures.

Consistency: This Report adopts statistical and disclosure methods consistent with previous ESG reports and provides data from previous years to facilitate meaningful comparison by readers.

◆ Data Source & Assurance of Reliability

The information and data in this Report are primarily sourced from the Company's internal data collection systems, work reports, and publicly available information, such as the Company's annual reports and authoritative media releases. Unless otherwise stated, all monetary amounts disclosed in this Report are denominated in RMB.

◆ Names in the Report

Name	Abbreviation
China Datang Corporation Limited	China Datang
Datang Environment Industry Group Co., Ltd.	The Company
Datang Environment Industry Group Co., Ltd. and its major subsidiaries	The Group, Datang Environment or we
Concession Operation Branch of Datang Environment Industry Group Co., Ltd.	Concession Company
China Datang Technologies & Engineering Co., Ltd.	Technologies & Engineering Company
Datang (Beijing) Water Engineering & Technology Co., Ltd.	Water Engineering & Technology
Environmental Protection Branch of Datang Environment Industry Group Co., Ltd.	Environmental Protection Branch
Datang Nanjing Environmental Protection Technology Co., Ltd.	Nanjing Environmental Protection
Datang (Jiangsu) Environmental Protection Equipment Co., Ltd.	Jiangsu Environmental Protection
New Industry Development and Operations Branch of Datang Environment Industry Group Co., Ltd.	New Industry Branch
Datang Environmental Protection Technology Research Institute	Environmental Protection Institute
Datang New Energy Design Institute	New Energy Design Institute

◆ Access to the Report

This Report is published in both Traditional Chinese and English in electronic format on the official website of the Company (www.dteg.com.cn) and the HKEX news website of the Hong Kong Exchanges and Clearing Limited (www.hkexnews.hk). In the event of any discrepancy between versions, the Traditional Chinese version shall prevail.

The Company sincerely welcomes your valuable opinions and suggestions, which will help us continuously improve our ESG capabilities and performance. Please feel free to contact us through the channels below!

Email: ir@dteg.com.cn

Message from Chairman

In 2024, Datang Environment firmly focused on the theme of high-quality development, fully leveraged the three key roles of technological innovation, industrial control, and safety support, and continued to be guided by the "1461" development strategy. Anchored in the vision of "technological leadership, product excellence, industrial synergy, and smart efficiency", we integrated innovation into our very fabric, unleashed vibrant green momentum, and achieved our best operational performance in five years. From leading the industry in desulfurization and denitrification technologies to igniting progress with new catalysts and zero-carbon factories, we forged ahead amid the surging tide of green environmental protection industries.

◆ Compliance Governance: Laying a Foundation for Long-Term Prosperity

We adhere to the leadership of Party building, constructing a Great Wall of governance through a "three-line defense" mechanism, embedding the spirit of the rule of law into the lifeblood of strategic decision-making. We purify the business ecosystem through a culture of integrity, engraving a deep sense of responsibility in the hearts of every manager. From the closed-loop operation of our institutional systems to the dynamic iteration of risk prevention and control, we consistently demonstrate the courage for introspection, forging resilience through the dialectical unity of compliance and innovation.

◆ Craftsmanship at Heart: Safeguarding the Monument of Quality

From overcoming the bottleneck of high-porosity honeycomb catalyst technology to the successful approval of the National Key R&D Program on chemical looping combustion power generation, we forge cutting-edge green technologies as environmental protection weapons, and guard clear waters and blue skies with unwavering craftsmanship. The glimmers of wisdom shining on our patent certificates are our resounding response to "Made in China, Engineered by China". We uphold the supply chain as a value bond, promoting the concept and responsibility of sustainable development, and embedding sustainability requirements into every collaborative link.

◆ Carbon Pursuit for the Future: Responding to the Earth's Call

We address the "Dual Carbon" goals with the power of technology. The deployment of high-precision digital and intelligent carbon emission online monitoring equipment and the certification of our first Zero-Carbon Factory are both acts of reverence for nature. From deep cultivation in pollution prevention and control technologies to proactive measures for extreme weather, Datang Environment has always acted with the consciousness of a "global citizen", boldly contributing to the blueprint of environmental governance and ecological restoration, and fueling green momentum across the landscape.

◆ People-Oriented: Uniting the Power of Goodness

We build a growth ladder through our training system, from firmly upholding the baseline of workplace safety to embedding compassion and responsibility through "Three-Color Flower" volunteer services. With a people-oriented approach, we inspire enthusiasm, unlock potential, and realize value. We strive for a harmonious unity of personal growth, enterprise development, and responsibility. Datang Environment is committed to ensuring every hardworking individual share in the glory of development and every inch of land is nurtured with the warmth of responsibility.

◆ Looking Forward

The year 2025 marks a critical period for Datang Environment to conclude the 14th Five-Year Plan with high quality and lay out the 15th Five-Year Plan with high standards. It is also a pivotal year for further deepening reform and advancing Chinese modernization steadily and in a long term. We will continue to be guided by Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, thoroughly study and practice the guiding principles of the 20th National Congress of the Communist Party of China and the Second and Third Plenary Sessions of the 20th Central Committee, stay true to our original aspirations, use technological innovation as our oar and responsibility as our sail, and resonate with the times in high-quality development. Together, we will compose a new chapter of sustainable development in the grand journey of building a Beautiful China.

Datang Environment Industry Group Co., Ltd. Chairman
Zhu Liming

Board Statement

The Board of Directors of Datang Environment assumes full responsibility for formulating the Company's ESG strategy and disclosing relevant information. Through regular review of ESG management policies and strategies and receiving reports on ESG work, the Board of Directors fulfills its supervisory duties. It evaluates, prioritizes, and manages material ESG issues and regularly monitors the establishment and achievement of key ESG targets. In April 2025, the Board of Directors reviewed and approved this Report, confirming that it comprehensively discloses the Company's key progress and achievements in ESG during the Reporting Period, and undertakes that the Report contains no false records, misleading statements, or material omissions.



ESG Governance

◆ ESG Governance Framework

To effectively enhance ESG governance capabilities and promote the Group's sustainable development, Datang Environment has established a dedicated ESG governance structure composed of the Board of Directors, the ESG Leading Group, and the ESG Functional Office. This structure forms a complete system covering the decision-making, management, and execution levels, with clear division of labor and well-defined responsibilities and powers, ensuring that ESG concepts are integrated into all aspects of Company operations and strengthening the Group's ability to manage ESG risks and opportunities.



Department	Role	Responsibilities
Board of Directors	Highest Decision-Making Body	Evaluate material ESG issues. Formulate and review ESG-related targets and performance. Participate in the identification and analysis of major risks. Review the ESG report and related performance. Oversee the formulation and implementation of the sustainability strategy.
ESG Leading Group (led by the Party Secretary and Chairman)	Core Governing Body	Assist the Board of Directors in overall coordination and management of ESG matters, and coordinate the implementation work of functional departments and subsidiaries. Assist in formulating management policies and strategies, including assessing, prioritizing, and managing key ESG issues and related business risks. Assist in identifying and assessing ESG-related risks and ensure that risk management and monitoring systems are established. Assist in setting targets and reporting progress toward target achievement to the Board of Directors. Communicate ESG-related matters with stakeholders and, where necessary, provide feedback to the Board of Directors, management, relevant departments, or subsidiaries. Coordinate and organize relevant departments and subsidiaries to prepare the ESG report for submission to the Board of Directors for approval. Carry out other ESG-related tasks.
ESG Office (Assign ESG functional personnel in each department and subsidiary)	Executive agency	Responsible for implementing ESG risk management and internal controls at the operational level. Report on ESG work and take responsibility for drafting the ESG report.

◆ ESG Risk Management

The Group has formulated the Measures for the Administration of Reporting Business Risk Events, which clearly define scenarios of potential operational risks and require departments and subsidiaries to provide timely warnings and report to the risk management department when such events occur. The Risk Management Department maintains a log for operational risk events, updating it monthly and overseeing the progress of such events.

The Group categorizes risks into five major types: strategic, financial, market, operational, and legal risks, and incorporates environmental, social, and corporate governance factors into the risk assessment process. In 2024, the Group organized a comprehensive annual risk assessment and, based on the identified material risks, issued an annual risk management report. The Group also conducted quarterly reviews of the effectiveness of major risk management measures and their implementation. The Group's annual ESG risk identification, analysis, and evaluation process includes megatrend analysis, drafting and distribution of risk assessment questionnaires, and risk prioritization.

ESG Risk Assessment Process	
Megatrend Analysis	Based on international ESG risk trend reports and considering the broad impact of external environment megatrends and emerging issues on enterprises and industries, the Group carried out analysis of environmental, social, economic, political, and technological megatrends.
Drafting and Distribution of Risk Assessment Questionnaires	Considering actual operational conditions, the Group identified material risks from the perspectives of ESG risk likelihood, impact severity, and the Company's ability to respond. It then drafted and distributed risk assessment questionnaires.
Confirmation of ESG Risk Prioritization	The Group conducted statistical analysis of the questionnaire results and prioritized ESG risks in descending order of severity.

We identified environmental compliance risk and risks associated with climate change and extreme weather as highly material, consistent with the 2023 assessment. For the identified ESG risks, the Company formulates targeted countermeasures to effectively prevent risks and reduce the potential impact on the enterprise.

◆ Communication with Stakeholders

The Group attaches great importance to stakeholder communication, actively listens to stakeholder concerns, accurately understands their expectations and needs, and responds promptly and appropriately to promote mutually beneficial outcomes for all parties.

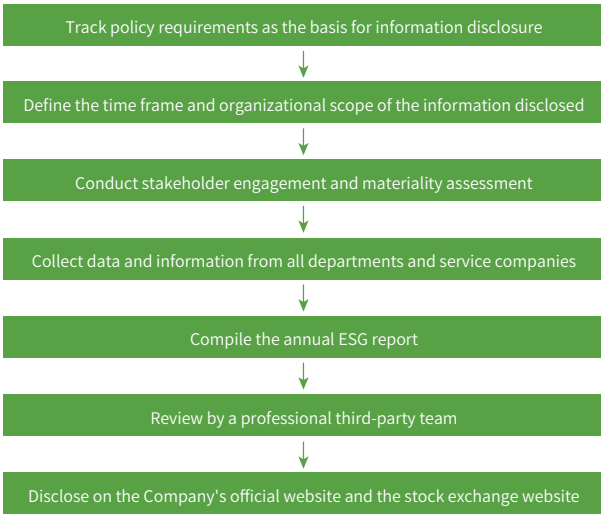
The Group's key stakeholders include shareholders and investors, government and regulatory authorities, employees, customers, suppliers and business partners, and the public. In 2024, we actively engaged with stakeholders through online surveys to understand their feedback and expectations, which we used to dynamically adjust our sustainability strategies and targets. At the same time, we regularly carried out volunteer services in local communities, listened to the voices of local residents, and maintained close communication with industry associations and other related enterprises to jointly promote the sustainable and healthy development of the industry.

Stakeholders	Communication Channels	Frequency
Shareholders and Investors	<ul style="list-style-type: none">General Meeting of ShareholdersCorporate reports and announcementsOfficial website, email and hotline	<ul style="list-style-type: none">Semi-annually / As required by operationsAnnually / As required by operationsRegularly / As required by operations
Government and Regulatory Authorities	<ul style="list-style-type: none">SeminarsSupervision and assessmentCorporate reports and announcements	<ul style="list-style-type: none">Semi-annually / As required by operationsPeriodically / As required by operationsAs Needed
Employees	<ul style="list-style-type: none">Employee performance evaluationMeetings and trainingEmail and bulletin boardTeam building and holiday activities	<ul style="list-style-type: none">At least once a yearRegularly / As required by employees and operationsRegularly / As required by employees and operationsRegular
Customers	<ul style="list-style-type: none">Customer satisfaction surveyInterviews, site visits, email, and hotline	<ul style="list-style-type: none">Annually / Upon completion of each customer's service termsAs required by customers
Suppliers and Business Partners	<ul style="list-style-type: none">Open biddingInterviews, site visits, email, and hotline	<ul style="list-style-type: none">As required by procurementAs required by procurement and business development
Communities and the Public	<ul style="list-style-type: none">Charity and public welfare activitiesDonationsOfficial website, email and hotline	<ul style="list-style-type: none">As NeededAs NeededAs required by communities and the public



The Group has established a comprehensive non-financial information disclosure process, clearly defining the scope and channels for public disclosure, ensuring the quality of disclosed information, and conducting annual disclosures of non-financial information to respond to stakeholder demands.

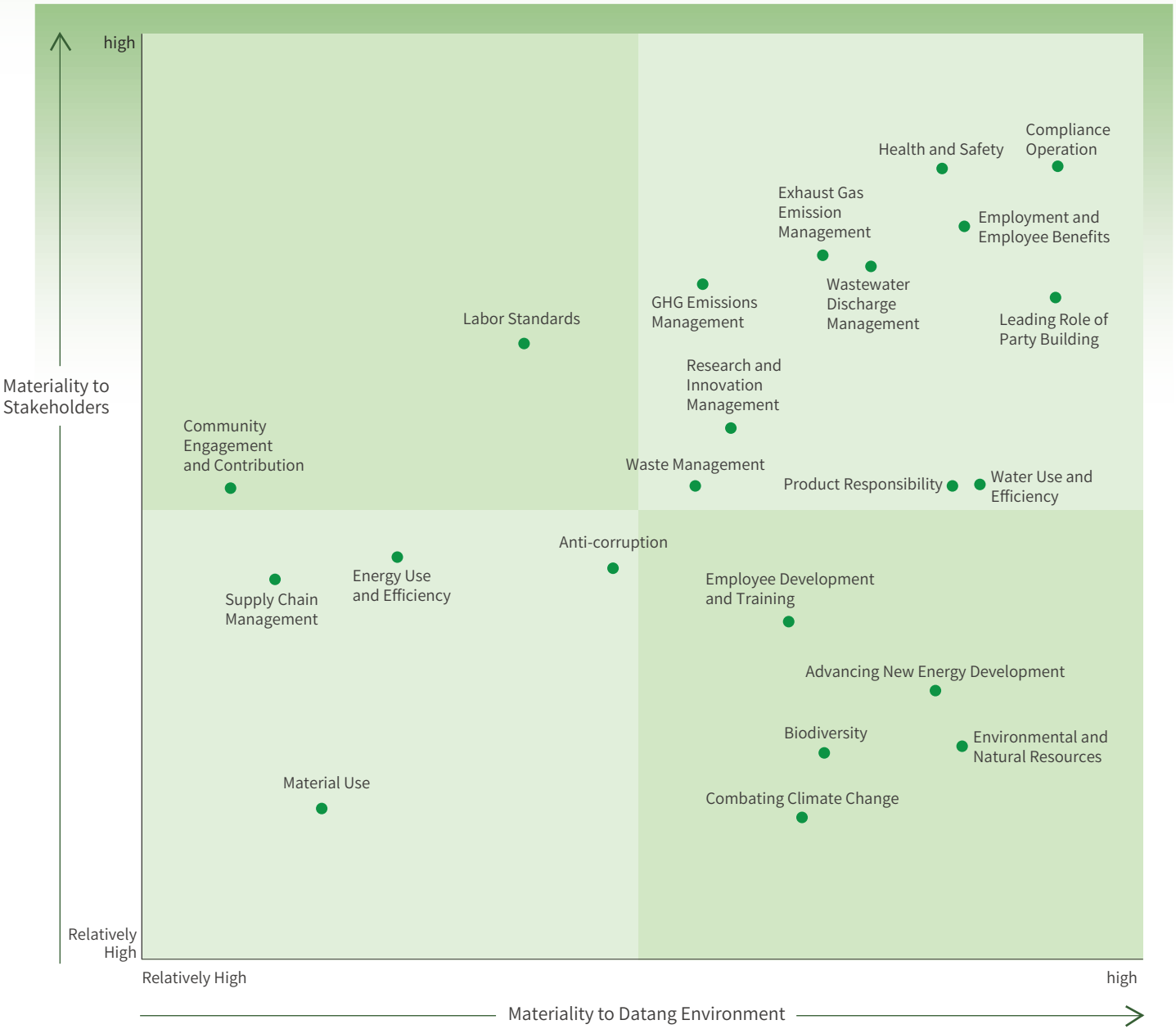
Non-financial information disclosure process



◆ Material ESG Issues Assessment

In 2024, Datang Environment followed the principle of materiality reporting in the Environmental, Social and Governance Reporting Code of the HKEX. Based on industry characteristics and subsidiary operations, and with reference to the Reference Indicator System for ESG Reports of Listed Companies Controlled by Central Enterprises and best practices in the industry, the Company identified material ESG issues for the year, with the assessment results confirmed by the Board of Directors. In the Reporting Year, we identified a total of 11 highly material issues and analyzed their impact on the Group and its stakeholders. The main text of this Report will focus on discussions related to these material issues.

Dimension	Material Issues	Corresponding Chapter
Environmental	• Exhaust gas emission management	• Emission Management
	• Wastewater discharge management	• Emission Management
	• Waste management.	• Emission Management
	• Water utilization and efficiency	• Resource Utilization
	• GHG emissions management	• Emission Management
Social	• Scientific research and innovation	• Technological Innovation
	• Product responsibility	• Strengthening Quality Management Customer Service and Rights Protection
	• Employee employment and benefits	• Lawful Employment Supporting Employee Development
	• Health and safety	• Focusing on Health and Safety
Governance	• Compliance operation	• Standardized Operations
	• Leading role of Party building	• Leading Role of Party Building



About Datang Environment

◆ Company Profile

The Group is the sole platform under China Datang Corporation for developing environmental protection and energy conservation. It is an integrated environmental governance service provider combining operation and maintenance services, technological R&D, product manufacturing, engineering construction, and project investment.


◆ Development Goals and Plans

Vision for 2035	We have tackled a number of key technologies in the power generation and environmental protection sectors, achieving successful applications. A stable pattern of emerging industries has taken shape, and a green recycling system for resource utilization has been fundamentally established. A mature and effective mechanism has been built to connect scientific research, technology commercialization, and application promotion. Several major scientific and technological achievements in future industries have been successfully industrialized and widely promoted, reaching leading levels in the industry.
Development Strategy	The "1461" development strategy outlines one development vision, construction of "Four Excellent Enterprises", enhancement of "Six Key Capabilities", and accomplishment of "One Transformation". • One Vision: To become a first-class integrated energy and environmental governance service provider that is technologically advanced, product-excellent, synergistic across industries, and smart and efficient. • Four Excellent Enterprises: Excellence in core technologies, talent teams, industrial layout, and profitability. • Six Capabilities: Technological innovation, market development, value creation, capital operation, compliant management, and modern governance. • One Transformation: Transforming from a traditional environmental protection engineering company into a first-class integrated energy and environmental governance service provider.
15th Five-Year Development Goals	By 2030, we aim to achieve new progress in pollution prevention and control, new developments in resource recycling, and new breakthroughs in green technology innovation. A full-process mechanism for R&D, transformation, and application will be initially established.
Key Tasks	Environmental pollution control, manufacturing of environmental protection products, new energy technology services, and resource recycling, investment in scientific and technological innovation industries.
Safeguard Measures	Enhance awareness, strengthen organizational support, optimize market mechanisms, increase financial support, reinforce talent development, bolster innovation capacity, strengthen risk control systems, and refine evaluation mechanisms, improve institutional safeguards.

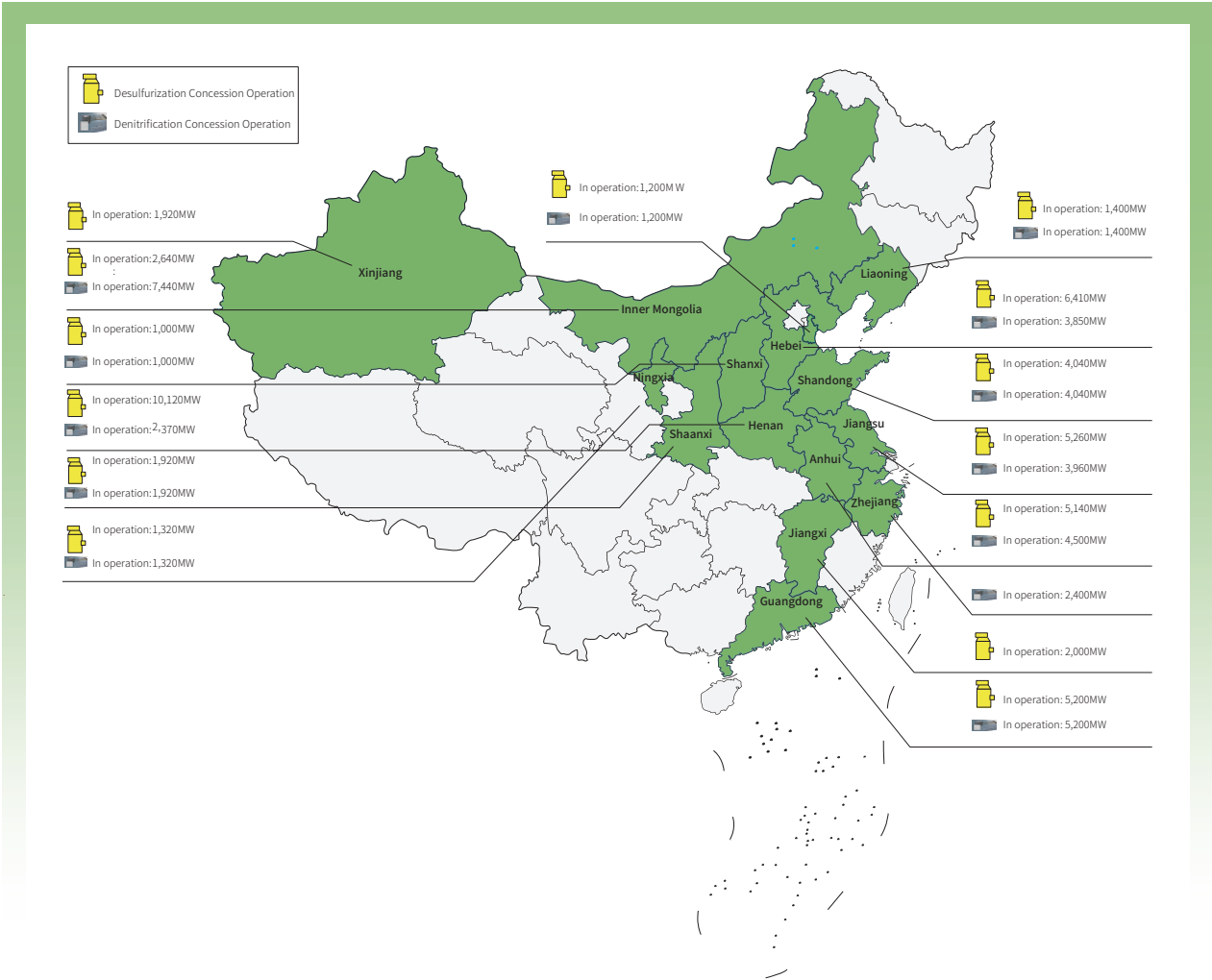
◆ Scope of Business

As a provider of environmental protection and energy-saving solutions for coal-fired power enterprises, the Group serves customers in more than 30 provinces, autonomous regions, and municipalities across China, as well as in eight countries worldwide. Our main businesses include environmental pollution control, environmental protection product manufacturing, renewable energy and resource recycling and utilization. We possess numerous patented technologies and independent intellectual property rights. Our concession operation scales of desulfurization and denitrification remain industry-leading, and we continuously promote new technologies to improve global environmental governance efficiency.

◆ Main Business Categories:

Environmental pollution control	Environmental protection product manufacturing	Renewable energy	Resource recycling and utilization
Concession operation of environmental protection facilities	Denitrification catalyst	Engineering design and technical services	
Environmental protection engineering	Carbon emission online monitoring	Distributed photovoltaic business	
Water services	Rapid coal quality testing		

In 2024, all business segments of the Group developed steadily. The concession operation of environmental protection facilities and denitrification catalyst businesses continued to maintain their industry-leading positions. As of the end of 2024, based on cumulative operating unit capacity, the Group remained the largest flue gas desulfurization and denitrification concessionaire in China. In terms of total catalyst output in 2024, the Group maintained its position as the largest denitrification catalyst manufacturer in China. The regional distribution and cumulative capacity of the concession operation business are shown in the chart below.

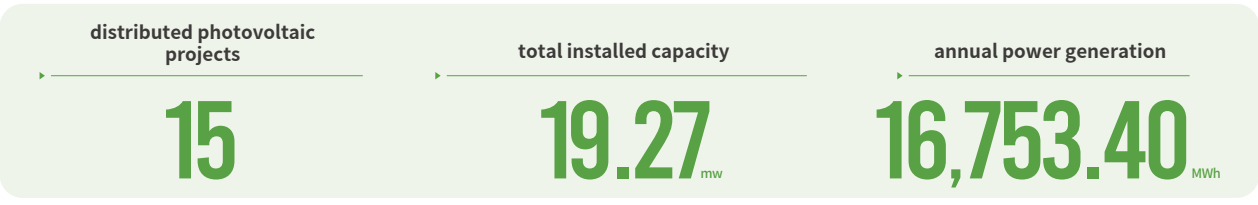
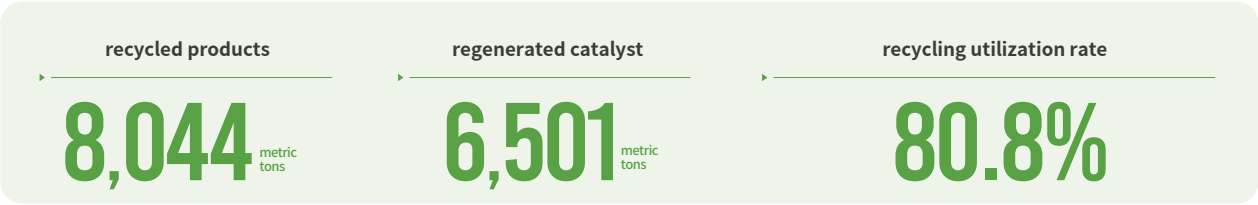
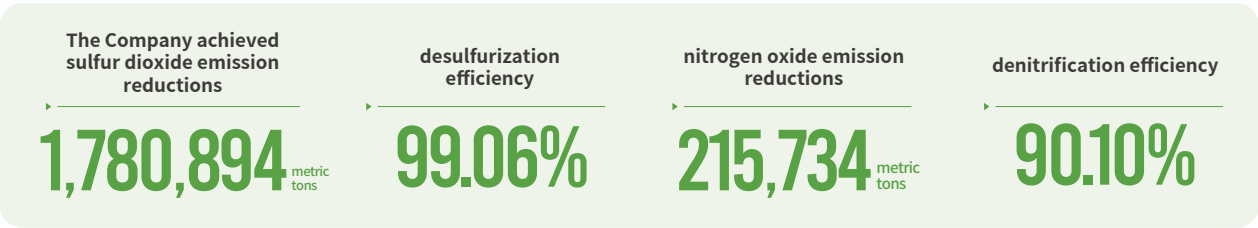


Honors  Recognitions		
Recipient	Honorary Title	Presented by
Concession Company	2023 Outstanding Primary-level Company of the Group	China Datang
Concession Company	2023 "Datang Worker Pioneer" Award	China Datang
Environmental Protection Company		
Nanjing Environmental Protection	National Specialized, Refined, Differential and Innovative (SRDI) "Little Giant" Enterprise	MIIT
Jiangsu Environmental Protection	"Zero-carbon Factory" Certification	China Energy Conservation Association
Yan Huanhuan	2023 "Model of Central SOEs" Award	Party Committee of SASAC

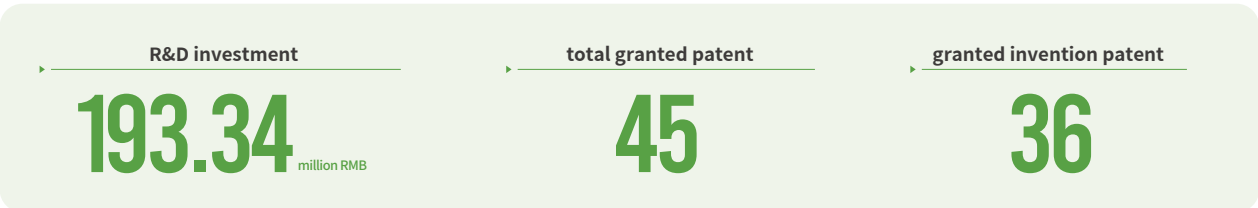


2024 ESG Key Performance Overview

◆ Environmental



◆ Social



No work-related injuries occurred

Strengthening Governance Foundations, Advancing a New Chapter in Sustainable Development



Datang Environment adheres to its core responsibilities and business focus, promoting high-quality development through high-quality Party building. The Company reinforces compliant operations and strives to write a new chapter in the era of sustainable development.

Environmental, Social And
Governance Report in 2024



Leading Role of Party Building

The Group always adheres to the "maintaining the two consistencies" integrating Party leadership into corporate governance. It earnestly carries out thematic education, strengthens primary-level Party organization development, builds a comprehensive "Five-Dimensional Party Building" system, and fully leverages the Party Committee's role in "providing direction, managing the overall situation, and ensuring implementation" to drive the Company's high-quality development.

Case Datang Environment Studies and Practices the Spirit of the Third Plenary Session of the 20th CPC Central Committee



In October 2024, the Party Committee of Datang Environment held a study and discussion session of the theoretical central study group, focusing on studying and practicing the spirit of the Third Plenary Session of the 20th CPC Central Committee. The meeting focused on the new reality and requirements facing the Company's reform and development and accelerated high-quality development with a spirit of reform and innovation.



In 2024, we continued to promote the construction of a learning-oriented organization, and the quality of Party building reached a new level. The "Three-Color Flower" cultural initiative won the First Prize for Outstanding Corporate Culture Achievements from the China Enterprise Confederation; The "News Campaign on the 20th National Congress of the Communist Party of China Representative Yan Huanhuan" was recognized as one of the "Top 10 Energy Media Communication Cases in China" by the China Electricity Council; The Company was awarded the title of "Scholarly Enterprise" by the Publicity Department of the CPC Beijing Municipal Committee, and its experience in building a learning organization was widely recognized.

Cultivating the "Three-Color Flower" Corporate Culture to Embark on a New Chapter

Datang Environment is committed to creating the "Three-Color Flower" corporate culture brand, promoting harmonious development between the Company and society through the "Red Carnation Project" (social responsibility), "Green Ivy Project" (green development), and "Blue Starry Sky Project" (technological innovation).

(I) Red Carnation Project: Social Responsibility and Volunteer Service

• **Established the "Three-Color Flower" Volunteer Service Association:** Adhering to the spirit of "dedication, friendship, mutual assistance, and progress" to fulfill the social responsibilities of a central SOE, the volunteer service achievements were shortlisted for the national "Four 100" exemplary cases of "Learning from Lei Feng" volunteer service.

• **Educational Support through Culture:** For eight consecutive years, the Company has paired with Beijing Shijingshan Hua'ao School, providing assistance through building the "Red Reading Pavilion", establishing reading corners, organizing "Reading in Harmony" activities, and launching

the "Datang Environment Morning Star" classroom to support the development of schools for children of migrant workers and enhance students' overall competencies.

• **Patriotic Education:** By organizing students and teachers to sing patriotic songs and watch revolutionary films, the Company fosters love for the Party and the nation among students.

(II) Green Ivy Project: Green Development and the Responsibility of a Central SOE

• **Practicing the concept that "lucid waters and lush mountains are invaluable assets":**

As a national "Double Hundred" reform pilot entity, the Company aims to become a top-tier comprehensive ecological environmental service provider and promote green and low-carbon transformation.

• **Clean Energy Industry Layout:** Significant progress has been made in flue gas treatment, resource recycling, and integrated smart energy sectors. The market share of catalyst products remains a domestic leader and has expanded into international markets.

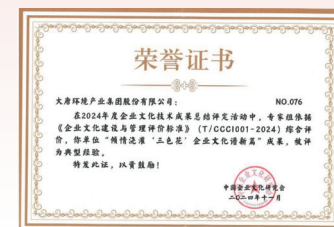
• **Supporting Energy and Power Security:** Optimized business layout, enhanced development of new business models, promoted energy structure adjustment, and improved global resource integration and international competitiveness.

(III) Blue Starry Sky Project: Technological Innovation and High-Quality Development

• **Establishing a Technological Innovation System:** Improved the innovation management system, clarified responsibilities at all levels, and established a "Technological Innovation Leading Group" and special task forces for technological breakthroughs to promote innovation efforts.

• **Fostering an Innovation-Friendly Environment:** Set up employee innovation studios, cooperated with universities and research institutions, increased R&D investment, and stimulated innovation enthusiasm among employees.

• **Significant Achievements in Technology Commercialization:** Accumulated 1,478 granted patents, led the drafting of numerous international and domestic standards, and developed various environmental protection technology upgrades, driving the Company's technological advancement.



Datang Environment was recognized for its exemplary experience in "Corporate Culture Construction and Management"



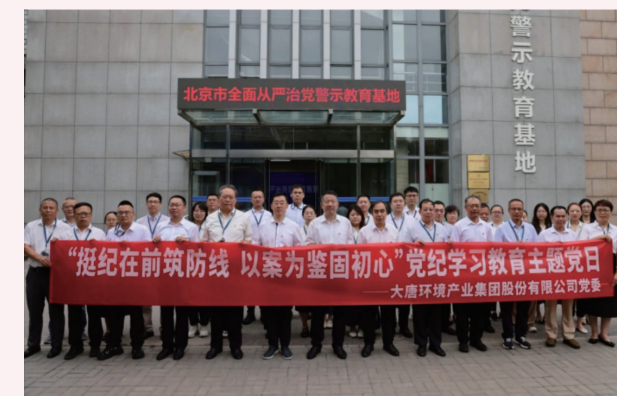
Datang Environment carried out co-construction and collaboration initiatives

The Group advanced strict governance of the Party, deepened disciplinary education, fostered a clean and upright political environment through strict rules and regulations, and transformed institutional advantages into governance effectiveness.

Case Themed Party Day — "Upholding Discipline, Drawing Lessons from Cases to Strengthen Original Aspirations" by Datang Environment



In July 2024, Datang Environment organized a visit to the Base for Education on Strict Party Governance and conducted a themed Party Day activity titled "Upholding Discipline, Drawing Lessons from Cases to Strengthen Original Aspirations", further enhancing awareness of clean governance and Party disciplinary education.



Standardized Operations

◆ Compliance Management

Datang Environment continuously advanced the systematic, standardized, and institutionalized construction of its compliance management system. In accordance with the Measures for the Administration of Compliance and other regulations, the Company conducted management activities lawfully and compliantly, achieving full coverage in legal compliance review of rules and regulations. The Company has established a "three lines of defense" compliance management framework, appointed a Chief Compliance Officer, and formed a Compliance Management Committee, which operates jointly with the Rule-of-Law Construction Leading Group. This structure ensures leadership, coordination, defined responsibilities, and regular effectiveness evaluations.

Three Lines of Defense in Compliance Management

First Line of Defense:

Business and functional departments bear primary responsibility for compliance management.

Second Line of Defense:

The Legal and Risk Control Department leads and coordinates compliance management for Compliance Management Department.

Third Line of Defense:

The Audit and Supervision Department conducts supervision, investigation, and accountability in accordance with relevant regulations.

◆ Internal Audit

The Group has established a sound internal audit leadership system under the leadership of the Party Committee and the Board of Directors. Audit departments of subsidiaries report to and are accountable to the Group's Party Committee and Board of Directors. The Board of Directors is responsible for reviewing key matters related to the audit management system, including the structure and leadership appointments of Internal Audit Department. The Party Committee is responsible for reviewing audit plans, audit reports, rectification reports, and special work proposals related to auditing.

In 2024, the Group, focusing on high-quality development and high-level security, coordinated internal audits, post-project evaluations, and accountability efforts. It continued to reform audit systems and mechanisms, improved audit rectification, and enhanced the effectiveness of audit supervision to better fulfill its oversight role. The Group fully implemented the audit rectification requirements of the National Audit Office and the State-owned Assets Supervision and Administration Commission (SASAC), following Datang Group's unified deployment. It conducted "review and reflect", completing the rectification and "looking back on the problems" work, analyzed existing issues in enterprise operations, established long-term mechanisms for solving problems and preventing risks, and ensured thorough and complete corrections. All issues related to national audits for the year have been resolved.

◆ Internal Control

The Company continued to improve its internal control structure, including the control environment, accounting systems, and control procedures. The Party Committee reviews internal control evaluation reports, major internal control deficiencies, and their corrective measures before the Board of Directors makes decisions. The Group revises its internal control manual annually based on organizational and business process changes, conducts internal control self-assessments and supervisory evaluations of primary-level subsidiaries, and organizes rectification of internal control deficiencies to promote sound and stable development.

Observing Business Ethics

The Group strictly complies with relevant laws and regulations, upholds business ethics, adheres to fair and transparent market rules, protects stakeholders' legitimate rights and interests, and leads the industry's healthy development with higher ethical standards.

In terms of integrity, the Group has continuously strengthened institutional development, enforced accountability, and cultivated a culture of integrity to safeguard stable corporate development. The Company adopts a zero-tolerance policy toward any violations of Party discipline and national laws, providing a solid foundation for sustainable development. The Company actively conducted self-inspections and rectifications, required Party members and key personnel to sign the Integrity Commitment, and implemented integrity responsibilities to prevent corruption risks. Various forms of anti-corruption education and training were carried out to raise employee awareness and strengthen the culture of integrity. The Company also provided dedicated channels — email and phone — for whistleblowing, encouraging employees to actively monitor and report misconduct, effectively combating corruption.



Datang Environment Holds 2024 Annual Conference on Party Conduct, Integrity, and Anti-Corruption Work and Warning Education Session



In February 2024, Datang Environment held the 2024 Integrity Building and Anti-Corruption Work Conference, along with a Warning Education Session, to provide political support for achieving new progress in the Company's high-quality development.



Regarding anti-unfair competition, the Company formulated the Measures for the Administration of Confidential State Secrets and other policies in accordance with relevant laws and regulations, resolutely preventing infringement of trade secrets and other unfair competitive behaviors to maintain market order and corporate reputation.

In 2024, the Group had no reported incidents involving bribery, extortion, fraud, or money laundering, nor were there any corruption-related lawsuits involving the Group or its employees, or any cases related to unfair competition.



The Company was included in the "Beijing Enterprises Integrity Directory" »



Customer-Centered Approach, Setting New Standards for Quality Service

Datang Environment has always adhered to the "customer first" philosophy, taking the needs and interests of customers as the starting point and striving to provide valuable services to customers. To this end, we practice our responsibility as a central SOE, continuously strengthening product quality management, enhancing innovative technology research and development, and empowering new-quality productive forces development with technology. We provide high-quality, safe, and responsible products and services to society, build a first-class enterprise, set industry benchmarks, and promote the high-quality, sustainable development of the industry.

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Strengthening Quality Management

Datang Environment has always been committed to continuously improving the quality management system, strictly adhering to the Product Quality Law of the People's Republic of China and other legal provisions, establishing a scientific and comprehensive quality management loop, and issuing documents such as the Management Manual for Quality, Environment, Occupational Health, which effectively ensures that the full life cycle of products meets high standards. By the end of 2024, the Company had obtained ISO 9001:2015 Quality Management Systems certification.



The Company Certificate of the Quality Management Systems certification



The Company has obtained the Gas Analyzer Instrument Model Approval (CPA) Certificate

The Group insists on controlling product quality from the source, establishing a full-process, traceable quality monitoring and inspection mechanism, as well as random inspections and on-site checks during production. We also control the quality of purchased products in accordance with the Measures for Handling Procurement Objections and Complaints. For products that need to be recalled, we strictly follow the relevant management requirements and procedures, such as the Nonconforming Product Control Procedures, to handle them. In 2024, no product withdrawals or recalls occurred due to health or safety concerns.

We have formulated standard documents such as the Measures for the Administration of Public Opinion Control Emergency to guide the handling and response to negative events related to products or services. In 2024, no negative events occurred regarding our own products.

Customer Service and Rights Protection

Datang Environment strictly adheres to the Law of the People's Republic of China on the Protection of Consumer Rights and Interests, the E-commerce Law of the People's Republic of China, the Advertising Law of the People's Republic of China, and other related advertising laws and regulations. The Company requires a comprehensive review of advertising materials to ensure the accuracy of publications and product labels, ensuring that they do not contain misleading information. In 2024, we did not encounter any negative events caused by services.

◆ Customer After-Sales Service

The Group strictly follows the Measures for the Administration of Marketing and other management methods, building a comprehensive after-sales service system that includes technical team support, after-sales operation maintenance, fault troubleshooting and repair, after-sales training, and knowledge transfer, ensuring that customers receive high-quality, efficient, and timely support and services.

In response to customer complaints, we follow the Corrective and Preventive Actions Procedures to standardize the handling of customer complaints. Once customer complaints are received by the project manager, relevant departments immediately respond and coordinate the resolution. The Company analyzes the causes of complaints and formulates preventive measures to avoid similar issues in the future, continuously improving service quality and enhancing customer satisfaction. In 2024, no product or service-related complaints occurred.

◆ Protection of Customers' Information and Privacy

The Group strictly complies with the Cybersecurity Law of the People's Republic of China and other related laws and regulations, including the Measures for the Administration of Network and Information Security Information Notification, the Measures for the Administration of Information Data, and the Measures for the Administration of Network and Information Systems Emergency Response Plans. We have established a comprehensive information security management system, specifying the collection, use, storage, and processing of customer information, as well as requirements for the legality, confidentiality, integrity, and reliability of information. We persist in strengthening customer information and privacy protection management, and the process and handling of privacy information are specified in the Employee Handbook and the Confidentiality Regulations. We actively conduct information security awareness training. In 2024, the Company did not experience any incidents involving customer information leakage or any losses caused by violations of relevant laws and regulations.

◆ Customer Satisfaction

The Company strictly follows the Control Procedures for Customer Satisfaction Measurement, conducting customer satisfaction surveys across the entire process of service, timeliness of delivery, and prompt resolution of after-sales issues. In 2024, the customer satisfaction score for engineering-related businesses was 95.6, and for concession operation, it was 96.5. The Company places great importance on quality control and ensuring product stability, continuously providing better services to customers.

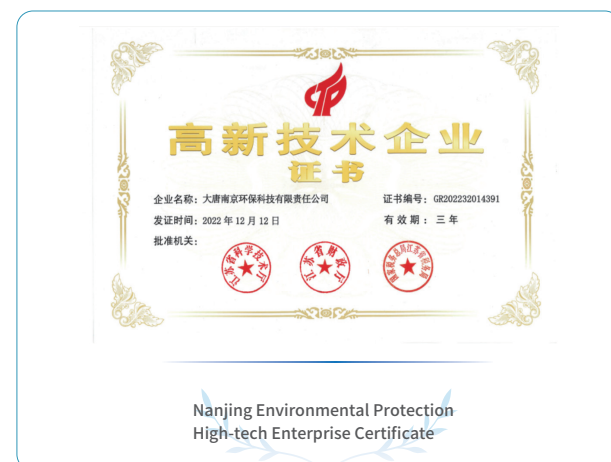
Technological Innovation

◆ R&D and Innovation Management System

The Company places a strong emphasis on research and development innovation. According to the Measures for the Administration of Technology Project and Measures for the Administration of Science and Technology Project Approval (Trial), among other related documents, it covers aspects such as organizational responsibilities, project cultivation, and application guidelines, and we have established an effective research and development management system to better plan and execute R&D projects, ensure rational allocation and use of resources, accelerate product development, and improve the success rate of innovative products. Subsidiaries actively establish R&D and innovation platforms, build science and technology innovation teams, cultivate scientific research talents, and promote technological, methodological, business, and management innovations. As of the end of 2024, Datang Environment's subsidiary, Nanjing Environmental Protection, has been recognized as a high-tech industry and a National Specialized, Refined, Differential and Innovative (SRDI) "Little Giant" Enterprise.



Nanjing Environmental Protection, a subsidiary of Datang Environment, was successfully selected for the sixth batch of the National Specialized, Refined, Differential and Innovative (SRDI) "Little Giant" Enterprises



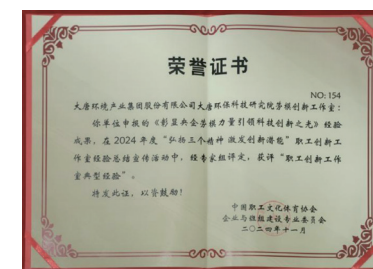
Environmental Protection Institute and Nanjing Environmental Protection jointly form the "2+N" (2 platforms, N industrial incubation directions) science and technology innovation system, which is the main driving force of the Company's scientific research work. The Group currently has 3 Postdoctoral Research Workstations, 2 Provincial-level Enterprise Technology Centers, 1 CNAS-accredited Catalyst Testing Center, 10 Datang Group-level employee technology innovation studios, and 10 company-level employee technology innovation studios. At the same time, we have formulated the Measures for the Administration of Science and Technology Awards (Trial) and Implementation Rules of Measures for the Administration of Science and Technology Awards (Trial), increasing innovation incentives, and relying on the "Three-Color Flower" culture and model worker innovation studios to inspire employee innovation, providing continuous momentum for the enhancement of core competitiveness.



Nanjing Environmental Protection
CNAS Laboratory Accreditation Certificate



The "Three-Color Flower" Volunteer Service Association formed a "Challenge and Breakthrough" volunteer team to develop technologies such as gas wastewater treatment, "Zero-waste Cities" construction, and "New Energy +"



The Power of Model Workers in Central SOEs Leading Technological Innovation was recognized as a "Typical Experience of Employee Innovation Studios"



Gathering Intelligence and Innovation to Shape the Future was recognized as a "Typical Experience of Employee Innovation Studios"

◆ R&D Investment and Innovation Achievements

In 2024, Datang Environment invested a total of RMB 193.3428 million in key R&D areas including energy efficiency management, intelligent manufacturing, artificial intelligence, industrial automation, renewable energy, and other technology applications, focusing on clean technologies and low-carbon products and services. We engaged in online exchanges and field visits with over 30 universities, research institutes, and leading industry enterprises, establishing 3 new industry incubation working groups and 3 new industry incubation preparatory groups. Significant R&D achievements were made in areas such as carbon emission online monitoring, decommissioned wind turbine blade recycling, coal quality monitoring, and integrated smart energy, leading to multiple technologies and products with independent intellectual property rights. As the project leader, the Company successfully applied for the National Key R&D Program "Key Technologies and Engineering Demonstrations for Chemical Looping Combustion Power Generation".

As of the end of 2024, the Group had a total of **294** R&D personnel, accounting for **23.48%** of the total workforce, including **15** PhD holders, **211** Master's degree holders, and **274** people with senior titles.

Carbon Emission Online Monitoring	Through system iteration and upgrade, the Company has enhanced product performance, achieved domestic substitution, and developed a standardized set of products for online carbon emission monitoring with independent intellectual property rights. These products have obtained CPA and CCEP certifications.
Green Recycling of Decommissioned Wind Turbine Blades	The Company explores green recycling and high-value utilization of decommissioned blades, engages in technological breakthroughs for in-situ foundation transformation in wind farms under the "large-for-small" upgrading scheme, and strives to become a systematic comprehensive service provider for aging wind farms.
Coal Quality Monitoring	Using near-infrared spectroscopy online analysis as the technological entry point, the Company continuously advances in core algorithms such as real-time sampling, calorific value modeling, and ash content early warning, providing dynamic data support for combustion optimization and intelligent coal blending in thermal power plants.
Integrated Smart Energy	The Company focuses on the development of distributed integrated energy systems to enhance the value of distributed photovoltaic systems, while accelerating the construction of a digital smart management and control platform for distributed energy.



Datang Environment has completed product certification for its Battery Management System (BMS) used in power energy storage.

Case Three Datang Environment Achievements Won First Prize for "Innovative Achievements in Engineering Management in the National Electric Power Industry"

Datang Environment's achievements — Research and Application of Wastewater Resource Utilization and Zero Liquid Discharge Technology for Thermal Power Units, Application of Photocurable Nano Sheets in Corrosion Protection Construction of Flue Gas Desulfurization Absorption Towers, and Research and Application of Air-supported Membrane Structures in Coal Yard Enclosure — were awarded first prize in the technical category of the "2024 Innovative Achievements in Engineering Management in the National Electric Power Industry" by the China Electrical Equipment Management Association.



Case Integrated Technology for Resource Utilization of High-Salinity Wastewater in Coal-fired Power Plants Reaches International Leading Level

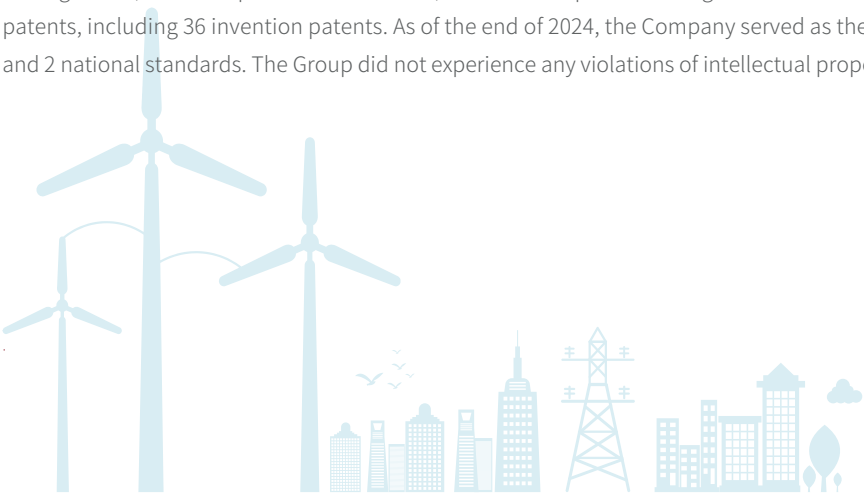


The integrated technology developed by Datang Environment for the resource utilization of high-salinity wastewater in coal-fired power plants has been appraised as reaching an international leading level, and its achievements have been applied or verified in various engineering scenarios.



◆ Intellectual Property Protection

Datang Environment strictly complies with the Copyright Law of the People's Republic of China and the Patent Law of the People's Republic of China, as well as internal systems such as the Measures for the Administration of Intellectual Property and the Measures for the Administration of Scientific and Technological Research Archives. These laws and regulations clarify job responsibilities in IP management, define IP protection contents, and outline specific management measures. In 2024, the Company was granted 45 patents, including 36 invention patents. As of the end of 2024, the Company served as the lead drafter for 1 international standard and 2 national standards. The Group did not experience any violations of intellectual property-related laws or regulations.



The patent titled "A Denitrification Catalyst and Its Preparation Method" was granted to Jiangsu Environmental Protection, a subsidiary of Datang Environment.

◆ Digital Transformation

The Group regards digital transformation as a key strategy to drive high-quality development and systematically promotes the integration of technology applications with business operations to continuously optimize operational efficiency. Efforts have been made to build an information system that supports the entire business chain, strengthens data-driven decision-making, and enhances resource coordination efficiency.



Responsible Supply Chain

◆ Management system

The Group strictly abides by relevant laws, regulations, and Datang Group's requirements, and standardizes procurement procedures through institutional frameworks such as the Measures for the Administration of Procurement and the Measures for the Administration of Procurement Supervision. It strengthens supplier management, ensures supply chain transparency, fairness, and efficiency, and is committed to building an equitable, honest, and sustainable supply chain ecosystem to support the Group's stable development in market competition.

By establishing a governance structure with clear responsibilities and a dynamically optimized management mechanism, the Group aims to realize value co-creation and resilient development in supplier and procurement management.

	Structure	Role
The Company	Procurement Leading Group	The Leading Group for procurement management is headed by a senior executive, with members composed of principal person in charge of relevant departments. An Office is established under the Procurement Leading Group as its administrative body. Responsible for the overall decision-making and management of procurement activities.
	Materials Management Department	This is the designated management department of procurement and suppliers. Responsible for implementing the decisions of the Procurement Leading Group and coordinating procurement and supplier management activities.
	Relevant Business Competent Departments and Tender Management Center	Procurement implementation institutions. Responsible for executing specific procurement and supplier management tasks.
Subsidiary	Procurement Leading Group	The head of the Procurement Leading Group shall be the principal leader or the leader in charge, and its members shall consist of the heads of relevant departments. Responsible for leading procurement management, and reviewing procurement results in accordance with their level of authority.
	Procurement Management Department	Procurement Leading Group Office Responsible for the daily work of the primary-level Procurement Leading Group and the implementation of its resolutions and decisions.

The Group implements a "centralized management and three-level review" mechanism for procurement activities. "Centralized management" refers to the unified planning, processes, standards, platforms, and organization of procurement by Datang Group and the Company. "Three-level review" means that first- and second-tier procurement is managed through centralized control, hierarchical review, rolling adjustments, and batch arrangements according to Datang Group's authorization and the procurement result review catalogue set by the Group. Third-tier procurement is managed by the Materials Management Department, and plans at the third-tier business division level are managed independently by those business divisions.

In supplier management, the Group strictly adheres to Datang Group's requirements and follows the principles of "openness, fairness, impartiality", and "integrity, designated management, tiered implementation, dynamic evaluation, encouraging the excellent and eliminating the unqualified". This includes supplier admission, classification, grading, evaluation, as well as warnings, rectification, and exit procedures for suppliers exhibiting undesirable behavior.

◆ Sustainable Supplier Management

The Group is committed to integrating green, low-carbon, and environmental protection concepts throughout all supply chain stages to build an eco-friendly supply chain encompassing green procurement, green manufacturing, green logistics, and green recycling. During procurement, specific environmental protection requirements such as energy conservation and noise levels are clearly defined, and the use of high-efficiency, eco-friendly products is set as a weighted scoring criterion to encourage suppliers to offer environmentally friendly products and services. In construction and service processes, suppliers are required to adopt feasible measures to prevent air, water, noise, and solid waste pollution. Suppliers are also required to sign agreements such as the Notification Letter for Related Parties on Environmental Protection and Occupational Health and Safety to systematically promote green supply chain construction.

◆ Supply Chain Risk Prevention and Control

The Group pays close attention to environmental and social risks in the supply chain, and regularly evaluates suppliers on aspects such as environmental complaints and penalties related to environmental protection or workplace safety. Suppliers who fail to meet requirements are required to rectify within a specified timeframe. If rectification is still unsatisfactory or the supplier refuses to rectify, the Group takes measures such as lowering the supplier's evaluation score, disqualifying them from bidding, terminating contracts, or replacing them to strictly control supply chain risks.

Regarding supply chain security and emergency response plan, the Group proactively prepares for unforeseeable incidents such as system failures, emergency repairs, and disaster relief to minimize the impact of risks and enhance resilience.

Emergency Response Plan for Ensuring the Supply of Bulk Materials:

To prevent interruptions in the supply of bulk raw materials, ensure the normal production of projects, and avoid shutdowns or excessive emissions caused by desulfurization and denitrification issues, the Company implements the following key measures to ensure bulk material supply during major political events, emergencies, extreme weather, and other special periods:

Nationwide Major Political Events

It accurately grasps the event schedule, and, based on daily consumption rates, maintains maximum inventory levels of limestone (powder) and urea to meet consumption needs during the event. Suppliers are notified in advance to prepare inventory at mining and production facilities and to deliver materials to sites within the specified timeframe. A backup supplier mechanism is implemented in key regions, with advance procurement measures in place to respond to unexpected situations.

Emergencies

In cases such as road closures, regional coordination measures are implemented. Regional joint supply systems are established in Hebei, Henan, Jiangsu, Anhui, Shandong, Shaanxi, and Xinjiang. If any project within a region experiences supply shortages, other project suppliers within the region will follow the unified dispatching of the subsidiaries and replenish supplies promptly based on proximity, ensuring uninterrupted material supply. The Company actively communicates with local transportation, public security, and other authorities to open green channels and ensure normal material delivery.

Extreme Weather

Close attention is paid to weather forecasts. In the event of extreme weather such as snowstorms, typhoons, or heavy rainfall — which may lead to mudslides, road collapses, or highway closures — suppliers are immediately notified to increase the inventory of limestone (powder) and urea in advance, ensuring maximum stock capacity to cope with the situation.



Strengthening Green Foundations, Creating a New Realm of Harmonious Coexistence

Datang Environment has consistently adhered to a low-carbon and green development orientation, focusing on the development and application of environmentally friendly carbon reduction technologies and products with independent intellectual property rights. The Company strictly complies with relevant laws and regulations on environmental protection and pollutant emissions management, formulates internal management rules, supports the development of a circular economy, and contributes to the building of a beautiful homeland where humanity and nature coexist in harmony.

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◆ Environmental Risk Prevention and Control

The Group attaches great importance to environmental risk prevention and control, systematically establishing a management system covering risk identification, assessment, and response. We continuously enhance crisis response capabilities and strive to shift environmental protection from passive response to proactive defense.

In terms of environmental risk management, we regularly conduct environmental hazard inspections, organize training for relevant personnel, focus on prevention preparedness, process monitoring and control, and risk source information management during operations. We implement dynamic risk management, establish effective interdepartmental communication mechanisms, and uphold the principles of "safety first, environmental protection, emphasis on prevention", adopting economically feasible and proactive measures to mitigate environmental risks. In 2024, we developed an annual hazard inspection plan based on our environmental risk level and production conditions, conducted inspections as planned, categorized hazard levels according to the guidelines of the Ministry of Ecology and Environment, established a dynamic hazard list, and promptly rectified identified issues. As of the end of 2024, we had completed rectification of all issues identified during the special inspection of emergency response facilities. Nanjing Environmental Protection commissioned a third-party agency to prepare the Environmental Risk Assessment Report, which comprehensively assessed environmental risk factors, identified major environmental risk substances, and evaluated the risk levels of sudden atmospheric, environmental, and overall environmental incidents.

Regarding emergency response to environmental incidents, the Group formulated the Emergency Response Plan for Environmental Pollution Incidents, standardizing the emergency management process, clarifying departmental and personnel responsibilities, ensuring rapid and effective actions in the event of an incident, minimizing environmental and personnel impacts, and enhancing overall risk prevention awareness and emergency response capabilities. At the same time, the Group has equipped sufficient emergency supplies, improved emergency pools, supporting discharge collection networks, and stormwater outlet valves, and organized emergency response drills and training sessions according to plan to ensure the implementation of all emergency measures.

◆ Disclose information

The Group attaches great importance to the lawful disclosure of environmental information and requires subsidiaries to continuously improve systems for the public disclosure of environmental information. Nanjing Environmental Protection discloses and publishes information in a timely, complete, and accurate manner to the general public regarding the construction and operation of pollution prevention and control facilities, pollutant names, emission methods, emission concentrations and volumes, exceedance situations, and rectification measures, in accordance with the Measures for the Disclosure of Environmental Information by Enterprises and Public Institutions and relevant technical specifications and regulations.

Combating Climate Change

Climate change is a major global challenge with profound impacts on corporate operations and development. Datang Environment actively responds to climate change by referring to the framework of the Task Force on Climate-related Financial Disclosures (TCFD), assessing the impact of climate change on company operations in light of domestic and international developments, and formulating and implementing a series of response measures to ensure smooth operations.

◆ Governance

Datang Environment attaches great importance to climate change issues, regarding them as a core focus of ESG governance enhancement. Under the unified decision-making and rigorous supervision of the Board of Directors, the ESG Leading Group is responsible for climate change risk assessment and response in a comprehensive manner, ensuring that climate risk management is integrated into both company practices and primary-level operations.

◆ Strategy

The Group actively maintains close communication with relevant stakeholders and proactively establishes collaborative relationships with external experts and scholars to jointly promote innovation in environmental protection technologies and continuously improve climate response strategies. We have incorporated low-carbon transition into our annual and mid- to long-term plans to effectively support the mitigation of and adaptation to climate change.

◆ Risk Management

In 2024, the Group identified physical risks that may affect its business operations and formulated targeted response measures accordingly. At the same time, the Group continues to pay attention to the transformation risks of climate change, and actively develops and applies new products and services related to greenhouse gas emission management, enhancing its ability to cope with market, technological and other transformation risks brought by climate change. Specific details can be found in the relevant chapters on greenhouse gas emissions.

Type	Anticipated Impact	Scope of Affected Value Chain	Time Period	Potential Financial Impact	Key Countermeasures
Contingency Risks	Natural disasters such as typhoons, ice storms, heavy rainfall, extreme heat, earthquakes, geological landslides, and mudslides pose challenges to the safe and stable operation of desulfurization and denitrification facilities.	Internal operations	Medium-term	Asset losses, with high financial impact	<ul style="list-style-type: none">• Formulate corresponding preventive and emergency response measures and conduct special inspections in response to major natural disasters forecasted by the state.• Comprehensively sort out or revise emergency response plans, refine process flows, standardize procedural settings, and ensure the plans are targeted, complete in process, and clear in workflow. Regularly conduct emergency response drills and promptly rectify issues identified during the drills.• Regularly carry out risk hazard inspections for disasters, establish logs, implement checklist-based management, conduct timely risk analysis, arrange remediation, and prevent safety risks to personnel and equipment during major disasters.• Implement training plans to enhance the capabilities and overall quality of workplace safety personnel at all levels.• Comprehensively advance the construction of mechanization, automation, informatization, and intelligent systems, and promote technological investment and upgrades of outdated equipment.

We have formulated emergency plans such as the Emergency Response Plan for Extreme Cold Weather, the Emergency Response Plan for Typhoon, Flood, and Severe Convective Weather, and the Flood Prevention and Disaster Reduction Work Plan to effectively respond to extreme weather events. In response to extreme cold weather, we prohibit high-risk outdoor operations, strengthen the maintenance and inspection of power and heating facilities, provide employees with cold-resistant protective supplies, and carry out awareness campaigns and training on cold protection to ensure employee safety. Additionally, we strengthen communication with network operators, increase inspection and maintenance of data centers, and ensure safe operation of communications and networks during extreme cold weather. In response to flood risks, we focus on climate risk early warning systems, strengthen supervision and maintenance of drainage systems and water conservancy facilities, and ensure the stability and timeliness of water, electricity, and gas supplies. Before the flood season, we organize flood control and emergency rescue drills, assign responsibilities, enhance employees' disaster prevention and self-rescue capabilities and crisis awareness, comprehensively inspect equipment and key flood control locations under our jurisdiction, and rectify safety issues within a set timeframe. During emergency flood periods, all members of the flood emergency response team report for duty, perform their respective roles, and fulfill their responsibilities to ensure safe passage through the flood season.

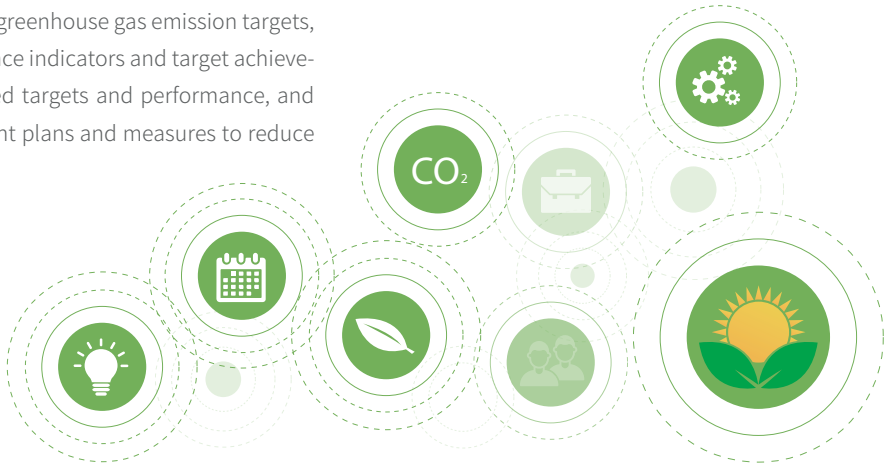
Case Flood Emergency Response Drill by Jiangsu Environmental Protection, a Subsidiary of Datang Environment

In 2024, Jiangsu Environmental Protection comprehensively carried out flood prevention and emergency response drills, including inspection of drainage systems, repair of building seals, adjustment of flood control organizational structures, clarification of responsibilities, risk identification and rectification, and practical drills, laying a solid foundation for typhoon and flood response.



Indicators and Targets

In 2024, the Group actively formulated greenhouse gas emission targets, continuously monitored key performance indicators and target achievement, regularly reviewed and evaluated targets and performance, and formulated corresponding improvement plans and measures to reduce greenhouse gas emissions.



Emission Management

The Group strictly implements the Atmospheric Pollution Prevention and Control Law of the People's Republic of China, the Water Pollution Prevention and Control Law of the People's Republic of China, and the Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Wastes strictly regulating the discharge of exhaust gas, wastewater, land pollutants, and waste disposal. We adhere to precise, scientific, and lawful pollution control, intensifying efforts in pollution prevention and control and achieving synergistic efficiency in pollution and carbon reduction. We uphold ecological and environmental protection red lines and bottom lines, strengthen legal and compliant management, strictly prevent and control major risks, and actively promote emission reduction efforts.

Exhaust Gas

The Group attaches great importance to exhaust gas treatment, implements environmental protection post responsibility systems, and uses scientific and efficient management and technical methods to reduce the environmental impact of emissions. The Group mainly treats exhaust gas through bag dust removal, sulfuric acid scrubbing, spray treatment, and RTO (regenerative thermal oxidation) incineration. Organized emissions are discharged through exhaust stacks of varying heights. A small amount of particulate matter, ammonia, and hydrogen sulfide in workshops is discharged as fugitive emissions. Meanwhile, the Group has formulated operation procedures for exhaust gas pollution control facilities, conducted professional and operational training to enhance the skills and competence of operators in key positions, and performed regular maintenance and repairs to ensure the normal operation of pollution control equipment.

Construction Dust Management	<ul style="list-style-type: none">• Harden and green the construction site ground to reduce dust during construction.• Implement surface covering or regular watering measures, strictly manage powdered materials, and prohibit exposed stacking to reduce dust pollution.• Strengthen site cleaning and maintenance to prevent dust emissions.
Vehicle Exhaust Management	<ul style="list-style-type: none">• Manage the Group's vehicles in a unified manner to improve vehicle use efficiency and reduce vehicle exhaust emissions.• Encourage employees to walk or use public transportation for commuting to reduce vehicle emissions and implement energy-saving and emission reduction actions.



Honeycomb denitrification catalyst with sulfuric acid scrubbing absorption tower + 115 m exhaust stack



◆ Wastewater

The Group places great emphasis on wastewater treatment, adhering to a rigorous and responsible attitude, standardizing the management of production wastewater and domestic wastewater, and striving to achieve environmental protection and sustainable development goals.

We strictly comply with the Integrated Wastewater Discharge Standard, precisely controlling pollutants such as pH, suspended solids, chemical oxygen demand (COD), biochemical oxygen demand (BOD₅), ammonia nitrogen (NH₃-N), total nitrogen (TN), total phosphorus (TP), and animal and vegetable oils to ensure all emissions meet compliance requirements.

Production Wastewater Management	<ul style="list-style-type: none">• We dynamically monitor dosing concentrations and optimize monitoring equipment operation to prevent excessive water usage due to low concentrations, thereby reducing wastewater chemical dosing and sludge treatment volume.• By improving water use efficiency and applying advanced water treatment technologies, high-concentration organic and saline wastewater is converted into solids or concentrated liquid.
Domestic Wastewater Management	<ul style="list-style-type: none">• After purification through septic tanks and oil separation tanks, wastewater is discharged through designated outlets only if it meets discharge standards.• It is strictly prohibited to place or pour chemicals and oil pollutants into domestic sewage.

Case Successful 168-Hour Trial Operation of High-Temperature Rotary Atomization System No. 2 in the Zero-Discharge Wastewater Project at Hancheng Second Power Generation by Datang Environment's Water Engineering Company



In July 2024, Datang Environment's Water Engineering Company successfully completed the 168-hour trial operation of High-Temperature Rotary Atomization System No. 2 of the desulfurization wastewater zero-discharge project at Hancheng Second Power Generation, and the system was officially put into operation.



Case Successful Application of Energy-Efficient Low-Temperature Flash Evaporation Technology for Desulfurization Wastewater by Datang Environment's Water Engineering Company



Datang Environment's Water Engineering Company developed a low-temperature multi-effect flash evaporation concentration technology for desulfurization wastewater. The system passed commissioning in one attempt, achieving a water recovery rate of 50%–90% with recovered water conductivity below 600 μS/cm, meeting the project design specifications. This marks the successful engineering application of research results and the completion of the entire zero-discharge process route of desulfurization wastewater.



脫硫廢水（處理前）



產品水（處理後）



Sewage treatment plant

◆ Waste

The Group adheres to an environment-oriented approach to waste management, establishing comprehensive processes for classification, collection, storage, transportation, and disposal to reduce the potential impact and risk of waste on the environment. We have established management systems such as the Provisions on the Administration of Solid and Hazardous Waste Disposal and the Measures for the Administration of Denitrification Catalysts in Coal-Fired Power Plants (Trial), which identify and classify solid waste types and define responsibilities in detail to ensure comprehensive management coverage.

Non-hazardous waste	<ul style="list-style-type: none">• Non-recyclable waste is collected and placed at designated domestic waste storage points, then periodically transported and disposed of by qualified third-party companies, with transfer quantities recorded.• Recyclable waste is collected and stored at designated locations.• Production-related waste paper and cardboard are regularly handed over to recycling companies.• Scrap metals are collected and transported regularly.
Hazardous waste	<ul style="list-style-type: none">• Hazardous office waste (such as ink cartridges) is managed in compliance with regulations to ensure cleanliness and safety in office areas.• Hazardous waste is transferred in compliance to qualified third-party agencies for disposal.

We place high importance on source reduction, and according to the Measures for the Administration of Denitrification Catalysts in Coal-Fired Power Plants (Trial), regulate the design, testing, operation, maintenance, regeneration, and decommissioning of denitrification system catalysts of coal-fired power plants to effectively reduce the generation of hazardous waste.

Case Datang Environment's Nanjing Environmental Protection Passed the Standardized Assessment for Hazardous Waste in Nanjing



In September 2024, Nanjing Environmental Protection, a subsidiary of Datang Environment, adhered to compliant storage and disposal of hazardous solid waste and passed the standardized assessment for hazardous waste management conducted by Nanjing City.

◆ Noise

The Group places great importance on noise pollution control, strictly complies with relevant regulations, and controls industrial noise generated during operations to prevent adverse impacts on surrounding residents and the environment. The main sources of noise are production equipment (e.g., air compressors, fans) and project construction activities. In terms of production noise control, we take noise reduction measures such as installing equipment that meets national standards, placing equipment in sparsely populated areas, installing independent base sound insulation on desulfurization oxidation fans, and using special damping devices on fan exhaust pipes to reduce noise from pressure fluctuations. For construction noise, we reasonably schedule construction times and prohibit high-noise activities at night to minimize disturbances to nearby residents.

Case Environmental Impact and Control Measures During Operation of the 30,000 m³ per Year Catalyst Project



Wastewater:

Backwash water from the filter tank, neutralized and precipitated resin regeneration wastewater, and oil-containing canteen wastewater are pre-treated and then discharged to the Airport Sewage Treatment Plant together with other domestic wastewater. After reaching Class A of GB18918-2002 Discharge Standard of Pollutants for Municipal Wastewater Treatment Plant, it does not pose significant adverse effects on the surrounding environment.



Exhaust Gas:

The process exhaust gases from this project mainly include dust generated during raw material weighing and mixing, a small amount of ethanolamine-containing exhaust gas from material weighing and mixing, a small amount of ammonia-containing exhaust gas from the extrusion molding process, a small amount of ammonia-containing and organic exhaust gas from the coating and drying process, oil-containing exhaust gas from the high-temperature degreasing process of the steel mesh, as well as combustion exhaust gas from the calcination process (natural gas combustion) and process exhaust gas containing dust and ammonia.

Dust from raw material weighing and mixing is treated by cartridge dust collectors. The ethanolamine-containing exhaust gas generated during raw material weighing and mixing, the ammonia-containing exhaust gas from the extrusion molding process, and the ammonia-containing and organic exhaust gas from the coating and drying process are treated through absorption in a sulfuric acid scrubbing neutralization tower. The combustion exhaust gas generated during the calcination process is discharged at high altitude through an exhaust stack. The dust-containing exhaust gas from the calcination process is treated via a baghouse dust collector followed by a sulfuric acid scrubbing neutralization tower. After treatment, the exhaust gases are combined and discharged at high altitude through a single exhaust stack. The oil-containing vapor with a flash point above approximately 160° C generated in the high-temperature degreasing process of the steel mesh is treated in an RTO (Regenerative Thermal Oxidizer) and then combined with natural gas combustion exhaust gas and discharged at high altitude through a single exhaust stack.

The exhaust gas from the extrusion process is collected via a collection system and treated. However, a small amount of residual exhaust gas is still emitted in a fugitive manner. According to calculations, a sanitary protection distance of 100 m is maintained for the extrusion workshop, mixing workshop, and coating and drying workshop. There are no residential households or other sensitive receptors around the project site, and the site selection meets the requirements for sanitary protection distance.

The organized exhaust gases from this project, after treatment and meeting standards, are discharged at high altitude through stacks 25 m and 15 m in height respectively, without causing adverse impacts on the surrounding environment.

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Noise:

The project adopts a rational layout and low-noise equipment, uses vibration-damping pads during equipment installation, equips air compressors with silencers, enhances the sealing of the plant buildings, and plants tall trees along the plant boundary to ensure compliance with noise standards at the plant boundary. These measures effectively prevent any negative environmental impact from noise.



Solid Waste:

All types of solid waste pollutants are properly disposed of:

- Scrap steel is fully sold for reuse;
- Waste cutting fluid is classified as hazardous waste and disposed of by qualified agencies;
- Waste coating materials generated during the coating and drying process are sold to recycling companies, where the steel mesh is separated and the remaining powder is ground and reused as raw material;
- Sludge from the septic tank is transported by sanitation tankers to the Jiangning landfill site for sanitary landfill disposal. Domestic waste is collected separately and transported to the Jiangning landfill site for sanitary landfill disposal. Waste grease from oil-containing wastewater treated by the oil separation tank, and from the oil fume purification device, is collected and treated by Nanjing Lisheng Waste Grease Recycling and Treatment Center;
- Dust from the dust collection bags generated during the calcination process is classified as hazardous waste and disposed of by qualified agencies;
- Before transfer, the dust from dust collection bags and waste cutting fluid, both classified as hazardous waste, are stored in a designated hazardous waste storage facility, with proper protection, labeling, and management to prevent any negative impact on the surrounding environment.



◆ GHG

We actively promote the development of new technologies and the expansion of new business areas, regulate the clean energy application, and advance low-carbon operations.

In terms of new technology development, we enhance innovation in low-carbon technologies, promote the demonstration and application of new technologies such as solid waste recycling from new energy and clean heating via waste heat, and carry out research on technologies including green ammonia and green methanol, ensuring the implementation of low-carbon demonstration projects with significant emission reduction outcomes. The Group has formulated the Measures for the Administration of the Production Management of Distributed Photovoltaic Projects (Trial), based on the principles of "centralized monitoring, unattended operation, integrated operation and maintenance, and specialized repair", to standardize the production management of distributed photovoltaic projects and promote the rational use of renewable energy. Meanwhile, we focus on carbon reduction across the entire operation lifecycle and accelerate the transition to green and low-carbon development. In 2024, our subsidiary Jiangsu Environmental Protection received "Zero-Carbon Factory" certification.

In terms of new business expansion, we are strengthening our capabilities in renewable energy engineering and integrated smart energy services. As of the end of 2024, the Company operated **15** distributed photovoltaic projects, with a total installed capacity of **19.27** MW and an annual power generation of **16.7534** million kWh.

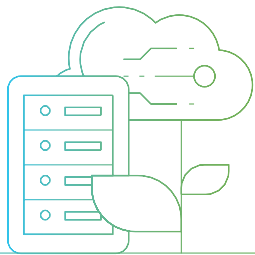


Case Online Monitoring Device for High-precision Digital and Intelligent Carbon Emissions Independently Developed by the Environmental Protection Institute Under Datang Environment Outperforms Industry Standards

In June 2024, the second-generation high-precision digital and intelligent carbon emission online monitoring device independently developed by the Environmental Protection Institute under Datang Environment completed performance acceptance testing and was officially put into operation, with operational performance exceeding industry standards.



Jiangsu Environmental Protection, a subsidiary of Datang Environment, received the "Zero-Carbon Factory" certification



Case New Industry Company under Datang Environment Deepens Its Engagement in the Photovoltaic Sector to Support Green Development

New Industry Company successfully completed the project approval and preliminary work for eight distributed photovoltaic projects, with a cumulative capacity of 128.77MW. It is actively following up on five key projects with a total capacity of 276.343MW, contributing to sustainable social development. In terms of project implementation, three photovoltaic projects — Xiong County Comprehensive Bonded Zone, Langfang Wanda Training Center, and Wuqing Wanda Project — were successfully commissioned within the year, injecting new momentum into the local energy structure optimization and green development.

New Industry Company actively integrates into the construction of Xiong'an New Area, signing strategic cooperation agreements with the Xiong'an New Area Administrative Committee and the Anxin County Government. It obtained business license No. 001 for Xiong'an Free Trade Building and successfully commissioned the first rooftop distributed photovoltaic-comprehensive bonded zone project in Xiong'an within the year. Meanwhile, in Anxin County, it is actively promoting the inclusion of an 18.7 MW pond-surface photovoltaic project into the project library and is participating in the rooftop photovoltaic construction (1.4 MW) of the iconic Rongcheng West Workers' Cultural Palace project in Rongcheng County.

New Industry Company will continue to promote the development of the photovoltaic industry, provide clean energy to society, support the green transformation of local economies, and make active contributions to green, low-carbon, and sustainable development.



Xiong'an Comprehensive Bonded Zone



Tianjin Wuqing

Resource Utilization

Datang Environment complies with the Energy Conservation Law of the People's Republic of China and other laws and regulations related to resource and energy use. The Company continuously improves internal management regulations such as the Measures for the Administration of Production Energy-Saving, while subsidiaries actively set energy and water conservation goals and implement a series of high-efficiency resource utilization initiatives.

◆ Energy Utilization

The Group attaches great importance to energy management and continuously improves its systems and energy-saving management framework. The Group's main energy sources include gasoline, diesel, natural gas, and outsourced electricity, with targeted energy management efforts implemented accordingly.

Electricity	<ul style="list-style-type: none">• Establishing clear job responsibilities: Each construction site must assign a dedicated person to record and monitor electricity usage and complete operation logs. All power distribution rooms in electricity-consuming areas are staffed with professional personnel. Electricity managers regularly check for power-saving compliance, such as shutting down equipment when not in use and turning off lights when leaving.• Setting up independent control mechanisms: Power loads in office buildings and meeting rooms are controlled by separate switches.• Upgrading energy-saving equipment: When updating equipment, priority is given to low-consumption, energy-saving products. Metal halide lamps are being gradually replaced with energy-saving LED lights, and lighting layouts are being optimized. The number of continuously lit lights has been reduced to less than one-third of the original count, saving approximately RMB 67,977 in annual electricity costs.• Promoting energy-saving awareness: Employees are encouraged to reduce standby time for computers, printers, and other office automation equipment, and to develop good habits such as turning off lights, water, computers, and power sources when not in use.
Natural Gas	<ul style="list-style-type: none">• Reducing gaps between products during calcination to maximize furnace combustion efficiency.• Minimizing the number of calcination furnace starts and stops and shutting off gas supply promptly after shutdowns.
Gasoline and Diesel	<ul style="list-style-type: none">• Enhancing fleet management: Vehicle usage complies with the Measures for the Administration of Official Vehicles to avoid unnecessary energy consumption. Routine vehicle maintenance and timely repairs are emphasized to prevent fuel leaks and reduce fuel consumption and maintenance costs.• Promoting the use of new energy vehicles: Internal charging facilities are provided, and employees are encouraged to purchase new energy vehicles to reduce fuel consumption.

In energy-saving management, the Group strengthens electricity dispatching, fosters energy-saving technical services, promotes contract energy management, and supports the industrialization of energy-saving services. Refined benchmarking and analysis are conducted, along with classified energy consumption diagnostics. A multidimensional and multi-level indicator system has been established to comprehensively assess energy consumption across business areas, enabling refined management of energy consumption volume, structure, and key equipment.

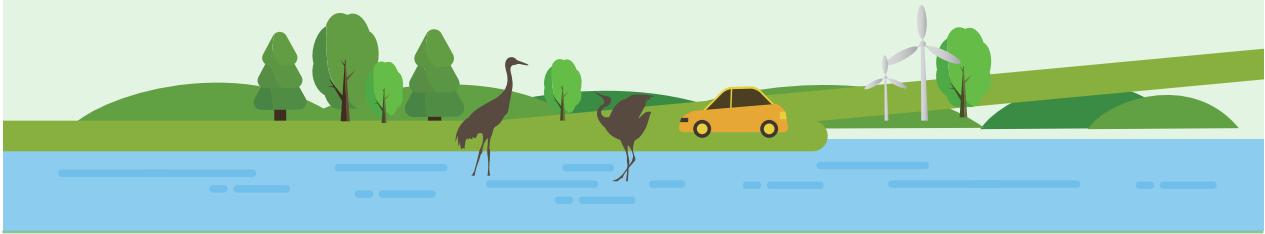
◆ Water Utilization

The Group sources applicable water through municipal pipelines and reclaimed water reuse systems, with no risks associated with water sourcing. Employees are encouraged to save water and avoid unnecessary waste.

- Water usage plans are formulated to enhance water management effectiveness.
- Water pipelines at construction sites are regularly inspected and repaired to prevent leakage, overflow, dripping, or seepage.
- Regular inspections and replacements of aging water supply pipes and equipment ensure integrity of the water supply system, strictly preventing leakage, overflow, dripping, seepage, or continuous water wastage.
- Rainwater and compliant reclaimed water are prioritized for landscaping irrigation, with irrigation times arranged rationally.



Datang Environment's Nanjing Environmental Protection subsidiary engaged a third party to conduct a water balance test to assess water usage efficiency. Structural performance testing was also carried out on all water supply and storm/sewage drainage networks, with repairs implemented to reduce leakage caused by pipeline damage. Nanjing Environmental Protection has also strengthened the use of circulating water, leveraging technological upgrading to improve the efficiency of gradient water use. Circulating cooling water and demineralized water — excluding domestic use — are all reused. Recycled water for production is processed through a cycle-cleaning and reclaimed water reuse system. A supporting sewage treatment station provides treated water for supplementary use in the circulating water system, thereby promoting water conservation.



◆ Materials and Recycling

In line with the principles of "reduction, reuse, and recycling", the Group actively promotes a circular economy system to encourage resource reuse of production materials, office supplies, and products, while reducing raw material losses during production. Nanjing Environmental Protection has established the Measures for the Administration of for Repair and Reuse of Old Materials to further tap the value of old equipment and components, thereby supporting circular economy development.

Production Materials and Office Supplies	<ul style="list-style-type: none">• Promoting the reuse of discarded packaging bags, barrels, and spent catalyst module frames.• Paper saving measures include printing only necessary paper documents, streamlining meeting materials, printing on both sides, and advocating for paperless office practices.• Office supplies should be exchanged rather than replaced where possible, issued appropriately based on need, and recorded through a standardized requisition form.• A system for recycling non-conforming paste and coated products has been established to promote circular economy practices.
Production Recovery and Recycling	<ul style="list-style-type: none">• The Group has introduced world-leading denitrification catalyst regeneration technology and built a hazardous waste management project with an annual capacity of 10,000 m³ for regenerated catalysts. An additional 5,000-metric tons-per-year catalyst powder regeneration project was expanded, enabling product reuse and reducing solid waste emissions. In 2024, the Company recycled 8,044 metric tons of products and produced 6,501 metric tons of regenerated catalyst finished products, achieving a recycling utilization rate of 80.8%.• Water Engineering Company processes sludge into brick products for resource utilization.

Case Resource Recycling at Nanjing Environmental Protection, a Subsidiary of Datang Environment

Reusing packaging bags

Disused packaging bags are reused to hold regenerated powder, fly ash, and sludge, improving the reuse rate of packaging materials.

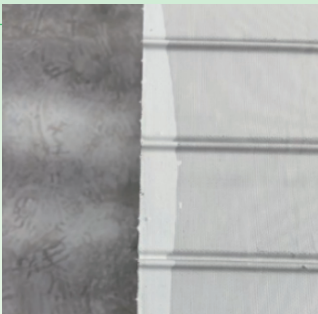


Strengthening scrap reporting management in the coating section

Statistics are collected on scrapped screens with broken steel mesh or residual paste, and assessments are conducted monthly to reduce coating material waste of general solid wastes by approximately 0.3 t/a.

Single-board paste repair

Edges of single boards with uncoated paste are repaired. Upon quality verification, the finished products are reused in projects, reducing coating board waste of general solid wastes by 0.5 t/a.



Blending long-term leftover materials for reuse

After determining blending ratios through trials and ensuring quality standards, long-term leftover materials are reused through mixing, reducing waste of isolated paste of general solid wastes by 0.5 t/a.



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Green Operations

The Company is committed to integrating green and environmental protection practices throughout its entire production and operation process. In the office, we strengthen awareness of energy conservation and water conservation. Improve the utilization rate of office supplies and promote the concept of green office. In production, we aim to establish a quantifiable, traceable, and improvable clean production evaluation system, providing a replicable management model for green upgrades in the manufacturing industry. In 2024, Datang Environment's Nanjing Environmental Protection passed the clean production audit and achieved a clean production level that meets advanced national standards.

Upholding Humanistic Care, Creating a New Future of Happiness and Well-being

Datang Environment always regards employees as the core driving force of corporate development. We attach great importance to employee management and strive to build a work environment founded on workplace safety and occupational health, enriched with humanistic care. We focus on employee development and well-being, protect their legitimate rights and interests, and promote their growth by offering diversified training and learning opportunities as well as generous welfare benefits. These efforts continuously enhance employee satisfaction and sense of gain. In addition, we actively respond to national strategies and give back to society by participating in community services, sharing the fruits of development with all sectors of society, and paving the way toward a bright and beautiful future.

Environmental, Social And
Governance Report In 2024

Lawful Employment

◆ Employment Management

The Group strictly complies with the Labor Law of the People's Republic of China, the Labor Contract Law of the People's Republic of China, and the Regulation on the Implementation of the Employment Contract Law of the People's Republic of China, and regulates employee recruitment and management in accordance with internal systems such as the Measures for the Administration of Labor Relations and the Employee Recruitment and Dismissal Management Standards, thereby ensuring equal employment. Datang Environment firmly opposes any form of discrimination and prohibits discriminatory behavior based on nationality, age, ethnicity, gender, religious belief, illness, or physical and mental conditions. We provide fair employment opportunities for all employees and are committed to creating an equal, inclusive, and harmonious working environment.

We uphold ethical principles and humanistic care, adhere to the spirit of the ILO Declaration on Fundamental Principles and Rights at Work, and strictly prohibit child labor and forced labor. Before hiring, we lawfully verify candidates' age and other personal information to ensure compliance with employment laws and regulations. We maintain a "zero-tolerance" attitude toward violations of laws and regulations. If employees engage in illegal or non-compliant acts, we handle such matters through termination of labor relations, accountability investigations, and other measures to prevent recurrence.

◆ Employees’ Rights and Interests

Datang Environment continuously improves the structure of employee rights protection and is committed to providing employees with competitive compensation and benefits to safeguard their rights and interests.

Compensation and Benefits: In accordance with systems such as the Measures for the Administration of Employee Compensation, Measures for the Administration of Employee Welfare, and Measures for the Administration of Working Hours and Assessment, we follow regulated compensation distribution methods and payment procedures. Salaries are paid on time to both subsidiaries leaders and regular employees. We lawfully provide the “five insurances and one fund” (old-age pension, medical insurance, unemployment insurance, workers’ compensation, maternity insurance, and housing provident fund) and offer additional benefits such as supplementary medical insurance and overtime allowances. We also strengthen incentive and restraint mechanisms for compensation distribution, rewarding employees who make significant contributions or demonstrate professional dedication, thereby fully motivating their enthusiasm and creativity.

Work Hours and Leave Protection: According to the Measures for the Administration of Attendance and Leave and other relevant systems, we strictly implement employee work and rest schedules, types of leave, entitlements, and related benefits to ensure stable work order and improved efficiency.

Promotion Guarantee: Adhering to the principle of "making the best use of talents and enabling everyone to fulfill their potential", we have established clear post-ranking and promotion assessment standards in systems such as the Measures for the Administration of Post Rank Promotion, while also fully considering individual career development needs. A clear and transparent promotion pathway for employees is provided.

Employee Communication Guarantee: We have established and implemented a factory affairs disclosure system. Through regular congresses of workers and staff and other democratic management methods, we disclose major matters related to production and operations, rules and regulations that concern employee interests, and integrity information of management personnel, listening to employee feedback and accepting their supervision. We conduct periodic reviews and evaluations on employee rights protection and carry out employee satisfaction surveys through questionnaires. Based on review and survey results, we proactively identify areas for improvement and make timely enhancements to continually strengthen the protection of employee rights.

Labor Dispute Resolution: The Group formulates measures for handling labor disputes and legal case management based on relevant laws and regulations. In the event of a labor dispute, we prioritize internal consultation and mediation. If mediation fails, we proceed in accordance with legal procedures. In 2024, the Company had no labor disputes.

Focusing on Health and Safety

◆ Workplace Safety

1 Management Structure and System

Datang Environment consistently adheres to the safety principle of “safety first with emphasis on prevention and overall control” . We strictly comply with the Work Safety Law of the People's Republic of China and other laws, regulations, and standards, and continuously optimize a series of workplace safety management systems, including the Measures for the Administration of Comprehensive Workplace Safety Responsibility, Safety Education and Training Management Specifications, Provisions on the Work of Workplace Safety Supervision, Provisions on the Work of Workplace Safety, Major Hazard Source Accountability System for Hazardous Chemicals, Measures for the Administration of Workplace Safety Issue Database, the Provisions on the Administration of Workplace Safety Emergencies, and the Provisions on the Supervision and Administration of Major Hazard Source Safety. We also continue to improve our workplace safety management system. We require subsidiaries to establish Workplace Safety Committees, clarify responsibilities and obligations of all levels of organizations and employees in workplace safety, and ensure accountability is assigned to specific positions and personnel. This establishes a workplace safety management framework that involves all employees, manages the entire process, and covers all areas, ensuring coordinated management and implementation of the workplace safety responsibility system. We are committed to continuously raising safety levels and reducing the occurrence of workplace safety incidents, thereby protecting employee lives, supporting stable corporate development, and fostering social harmony.

Workplace Safety Committee	The Company's principal person responsible for workplace safety serves as the director, with other management team members serving as the deputy directors. The General Legal Counsel, Deputy Chief Engineers, and department heads serve as members of the Workplace Safety Committee.	<ul style="list-style-type: none">• Implement workplace safety policies, laws, and regulations; plan and coordinate the Company's workplace safety work; formulate long-term, annual, and phased workplace safety objectives.• Establish and improve workplace safety assurance and supervision systems to ensure proper operation of workplace safety management tasks.• Set workplace safety targets, reviews guarantee measures, check progress of goals at each subsidiaries, and propose reward and penalty recommendations.• Supervise and guide implementation of the workplace safety responsibility system and all safety tasks across the system.• Establish a dual prevention mechanism for risk classification control and hazard investigation and rectification, and supervise system-wide safety risk management.• Inspect workplace safety work across the system, organize major safety activities.• Promote innovations in safety management and the development of a safety culture.• Hold regular workplace safety committee meetings to analyze the current workplace safety situation, solve major problems, summarize and promote best practices, and arrange key workplace safety tasks.
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Workplace Safety Committee Office	<p>The Workplace Safety Department head serves as the director, with relevant department heads and personnel acting as deputy directors and members.</p>	<ul style="list-style-type: none">• Take charge of the supervision and management of workplace safety within its designated scope; Responsible for conveying the workplace safety guidelines, policies, systems, and regulations issued by the government, industry authorities, Datang Group, and the Company.• Formulate workplace safety targets, supervise their implementation after approval by the workplace safety committee, and provide performance assessments.• Organize group-wide events such as Workplace Safety Month and Major Workplace Safety Inspections.• Establish a safety supervision network, conduct daily inspections, identify existing workplace safety problems, and report significant, common, and high-risk issues to the Workplace Safety Committee.• Implement measures proposed by the Workplace Safety Committee and supervise the execution by various subsidiaries.• Organize system-wide safety information exchange, explore new ideas in workplace safety, and promote advanced management experiences and tools.
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Case

Datang Environment Holds the Fourth (Expanded) Meeting of the Workplace Safety Committee in 2024

In September 2024, Datang Environment held the fourth (expanded) meeting of its Workplace Safety Committee. The meeting comprehensively reviewed recent workplace safety work, analyzed and assessed current situations and risks, implemented the guiding principles of the Datang Group's "Mobilization Meeting for Power Supply Protection for the 75th Anniversary of the Founding of the People's Republic of China and Winter Peak-Load Readiness", and further reinforced and redeployed efforts to maintain safety and stability during the reform process, ensuring continuous stability in workplace safety.

2 Workplace Safety Risk Prevention and Control

The Group places great emphasis on the prevention and control of workplace safety risks, forming a closed-loop management model that covers pre-incident risk prevention, dynamic in-process supervision, and rapid post-incident response. Through the optimization of contingency plans and practical drills, we continuously strengthen the emergency response capabilities of all employees, ensuring that the workplace safety defense line remains in a state of awareness, control, and traceability, thereby laying a solid safety foundation for sustainable operations.

In terms of safety supervision and inspection, we have established a regular safety inspection mechanism, enhancing daily patrols and special inspections of production sites, key links, and critical equipment. We regularly organize professional teams to conduct comprehensive inspections for potential safety hazards regarding equipment operation status, production processes, and safety protection facilities to ensure the safe and reliable operation of all equipment and systems. We actively analyze and resolve various workplace safety and management issues raised by higher-level organizations. Designated personnel are assigned to track and implement rectifications, ensuring timely and effective resolution. We also build sound communication and feedback mechanisms to continuously improve our workplace safety management capabilities.

For hierarchical safety risk control, we pay close attention to exposed populations and focus on major hazard sources, labor-intensive sites, high-risk operations, and the scale of affected personnel. Based on the inherent properties of energy and hazardous materials, we classify existing safety risks into five levels — particularly significant, major, relatively major, general, and minor — and formulate targeted control measures accordingly.

In response to emergencies, we adhere to the core principles of "unified command, coordinated responsibility, efficient communication, and rapid response", and have built a comprehensive emergency management system to minimize potential losses caused by sudden incidents. We have developed clear and actionable emergency response plans and regularly organize emergency response drills for all employees. These drills continually enhance employees' professionalism and response speed under emergency scenarios, ensuring that they can remain calm and act in an orderly manner during crises, thereby safeguarding operational stability and the safety of lives and property.

Case

Nanjing Environmental Protection, a Subsidiary of Datang Environment, Conducts Emergency Response Drills

In 2024, Nanjing Environmental Protection, a subsidiary of Datang Environment, organized multiple emergency drills during the "Workplace Safety Month", including earthquake emergency response drills, dormitory fire emergency response drills, and public opinion incident emergency response drills. These activities tested the operability of emergency response plans and enhanced employees' emergency response capabilities.

3 Safety Culture Cultivation

The Group continues to uphold the principle of "safety first, life foremost", constantly strengthening and improving its safety training system and safety education. We issued the Provisions on the Administration of Workplace Safety Education and Training and actively organize safety education and training. At the beginning of the year, we developed a safety education and training plan and carried out targeted training activities for key production management personnel through initiatives such as Safety Month, Safety Day, and Safety Lectures. We also emphasized training and assessment for primary-level frontline workers on workplace safety procedures and operational protocols, continuously enhancing employees' ability to respond to emergencies. We monitor the implementation of training plans in conjunction with various inspections.

Case

Datang Environment Ensures a Strong Start to Workplace Safety

Datang Environment has taken proactive steps to integrate safety into everyday operations, ensuring stable safety performance. We strive to internalize the workplace safety concept and put it into practice. By implementing the "Document No. 1 on Workplace Safety" from both Datang Group and the Company, we focus on dual prevention mechanisms and emergency response capability improvement, thereby enhancing intrinsic safety levels.

<p>Promoting training through competitions and assessments.</p>	<p>The Group launched a safety education and training module that specifies training content, duration, and evaluation standards for different types of personnel, gradually standardizing training records. We organized company-wide safety exams, online knowledge competitions, and spot-check safety tests. We reinforced good operating behaviors through programs such as "Stop, Think, Operate", "Four Prohibitions", and "Safety Oaths". We also held competitions such as internal auditor certification training, "Procedure Exams", "Work Ticket Filling", and "Three Speaks and One Implementation" to enhance safety skills at all levels.</p>
<p>Training for new recruits and special posts</p>	<p>We implement three-level safety education training for new graduates, new hires (especially outsourced personnel), and provide standardized training for transfers and newly assigned personnel, incorporating lessons from internal incidents. Only those who pass relevant training exams are allowed to start work. Concession Company conducted two rounds of safety management certification training for a total of 128 personnel.</p>
<p>Fostering a culture of safety</p>	<p>The Group designates March as the "Safety Learning Month" and organizes graded and categorized safety education and training exams. During Safety Month, we leverage activities such as Safety Lectures, policy briefings, competitions, and awareness days to enrich our safety education and create a strong safety culture. Many projects employ immersive and case-based training methods to enhance frontline workers' risk identification and self-protection awareness. During Safety Month, we also participated in the national cybersecurity knowledge competition organized by the Safety Month Committee and compiled "real-life case studies" to be used in safety education across all subsidiaries.</p>

Case

Datang Environment Hosts Disaster Prevention and Mitigation Awareness Week Activities


In May 2024, Datang Environment organized a Disaster Prevention and Mitigation Awareness Week under the theme "Safety for Everyone, Emergency Preparedness for All —Enhancing Primary-level Disaster Preparedness and Risk Avoidance Capabilities". Through activities such as fire drills and emergency rescue exercises, the campaign promoted awareness and understanding of disaster prevention and mitigation, enhancing safety consciousness.



Case

Nanjing Environmental Protection, a Subsidiary of Datang Environment, Studies Safety Incidents During Workplace Safety Month

Nanjing Environmental Protection of Datang Environment organized viewings of the "Workplace Safety Month" promotional video, the safety warning documentary Workplace Safety, Responsibility on Our Shoulders, and 2023 Electric Power Workplace Safety and Natural Disaster Incident Warning Documentary.



4

Results

We firmly place workplace safety at the forefront of our responsibilities. In strict accordance with the national and Datang Group's requirements, we unwaveringly fulfill the political and social responsibilities of a central SOE, ensuring a consistently safe and stable production environment. In 2024, we conducted over 180 safety education activities; We developed workplace safety "must-know and must-do" content for all positions and completed safety skills certification for 2,355 employees, along with safety tests for 2,993 outsourced personnel.



◆ Occupational Health and Safety

1 Institutional Development

The Group places great emphasis on the physical and mental health and occupational safety of employees, regarding them as key factors in sustainable corporate development. We always adhere to the management philosophy of "prevention first, with equal emphasis on prevention and treatment", strictly complying with the Law of the People's Republic of China on Prevention and Control of Occupational Diseases and other national and local regulations. Based on internal rules such as the Measures for the Administration of Occupational Health for Workplaces of China Datang Corporation, we conduct occupational health management activities to ensure effective implementation of all occupational health measures. The Company and one of its subsidiaries had obtained the ISO 45001:2018 Occupational Health and Safety Management Systems certification.



the Company Certificate of the Occupational Health and Safety Management Systems certification



Nanjing Environmental Protection Certificate of the Occupational Health and Safety Management Systems certification

2 Specific Measures

For positions with high occupational disease risk, we have established a comprehensive health monitoring system. Employees undergo full occupational health checkups before taking up a post, during employment, and after leaving the position. Work-related injury insurance is provided in accordance with the law. For outsourced engineering projects, we conduct unannounced spot checks, focusing on the health status of on-site personnel to ensure they meet job requirements. At the same time, we supervise and guide employees to wear and use personal protective equipment correctly in accordance with usage rules. We also regularly conduct occupational health safety training and practical drills to help employees understand the performance and application scenarios of various protective equipment, ensuring their proficient use in actual work environments.

Case Datang Environment's Concession Company Conducts "Adhering to Prevention First, Safeguarding Occupational Health" Awareness Campaign



Project departments in Xinyang, Leizhou, and Huludao under our Concession Company carried out a themed campaign titled "Adhering to Prevention First, Safeguarding Occupational Health". Through activities such as signature ceremonies, hanging banners, and posting occupational disease prevention posters, the campaign aimed to promote legal knowledge regarding occupational disease prevention in construction enterprises and the protection of occupational health rights. These efforts helped frontline workers understand the Law of the People's Republic of China on the Prevention and Control of Occupational Diseases, basic knowledge of occupational diseases, and relevant preventive measures, thereby enhancing employees' self-protection awareness.



Supporting Employee Development

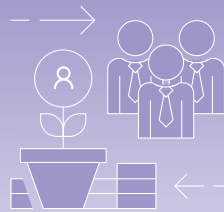
Employee development and humanistic care are core drivers of sustainable corporate development. We have established a scientific talent cultivation system and career development ecosystem to inject lasting momentum into high-quality business growth. We not only focus on updating knowledge and skills, but also continuously optimize the employee experience through multidimensional care mechanisms and cultural initiatives, thereby strengthening organizational belonging and team cohesion, and laying a solid foundation for long-term development.

◆ Employee Development

We formulated the Implementation Rules for the Management of Professional Job Sequences, clearly defining career development pathways for both managerial and technical skills, enabling professionals to progress along either a "leadership track" or a "mentorship track", and expanding career development opportunities to motivate employees to strive and take responsibility.

◆ Employee Training

We attach great importance to talent development and view education and training as effective means to improve employee skills and overall quality, thereby driving sound and rapid corporate development. We have formulated the Measures for the Administration of Employee Training and Education, specifying a three-tiered training management system to guide the orderly implementation of employee training programs. Regarding the training management system and framework, we adhere to a four-step approach of identifying, cultivating, retaining, and utilizing talent. We are continuously building a talent development system centered on youth career planning for recent graduates, supported by dual career tracks and an expert talent system. This is implemented through six major platforms: academician workstations, postdoctoral workstations, youth science associations, R&D teams, innovation studios, and the Nanjing Environmental Protection Training Base. At the same time, the Group has formulated internal policies for job secondment, exchanges, and learning to provide comprehensive support for employees' career development and mobility pathways.



- Core:** Youth career development planning based on graduate cultivation
- Dual Tracks:** Dual career development pathways and an expert talent system
- Six Major Platforms:** Establishment of academician workstations, postdoctoral workstations, youth science associations, R&D teams, innovation studios, and the Nanjing Environmental Protection Training Base

In terms of the training course system, we developed programs based on reform, development, production operations, and employee growth needs. We provide employees with job qualification training, job adaptation training, continuing education, on-the-job degree education, qualification training, and international training. These programs cover various areas such as production and environmental management, safety supervision, Party building and publicity, human resources, procurement, and legal risk management, effectively enhancing employees' professional capabilities.

Case Concession Company of Datang Environment Conducts Training for Bulk Material Sampling and Testing Personnel



In October 2024, in response to the requirement of Datang Group that "inspection personnel must undergo professional training and be certified before taking up posts", the Concession Company of Datang Environment conducted training for bulk material sampling and testing personnel, effectively improving trainees' theoretical knowledge and practical skills.



Case Jiangsu Environmental Protection of Datang Environment Conducts Training on Common Calcination Malfunctions



In November 2024, Jiangsu Environmental Protection organized training on common calcination malfunctions. Through on-site explanations, trainees gained a deeper understanding of the structure and operation of calcination equipment, learned to identify and resolve common issues in mixing equipment, and improved their job-specific technical skills.



Datang Environment's Nanjing Environmental Protection Onboarding Training

In 2024, we formulated 30 annual training projects and completed a total of 736 education and training sessions, including special-topic training, seminars, technical exchanges, and skill enhancement programs. The plan completion rate was 100%, with an average of 107 training hours per person and a 100% employee participation rate. A total of 111 employees participated in professional qualification evaluations, with 92 evaluated through assessments and 19 through credential recognition.

We emphasize learning through competitions and encourage employees to actively participate in vocational skill contests to systematically stimulate their internal motivation to excel and pursue excellence. This virtuous cycle of growth not only accelerates the advancement of employees' core competencies but also fosters a culture of innovation within the organization. Through hands-on practice, it cultivates a spirit of striving for excellence and pioneering efforts, achieving synchronized growth of personal value and enterprise development.

Case Datang Environment Employees Win Awards in National Power Industry Competition



In September 2024, Datang Environment employees won accolades in the first National Power Industry Vocational Skills Competition (Power Engineering Cost Estimators) organized by the China Electricity Council. The team received the second and third group prizes in the power generation category, as well as first and second individual prizes and the honorary title of "Technical Expert in the Power Industry". These achievements set a strong example and inspired colleagues to strive for excellence and reach new heights.



◆ Caring for Employees

We care deeply about employees' happiness and sense of belonging in their work and life. We regularly provide support for employees in need and organize psychological care activities, continuously advancing the "Happy Datang" initiative.

Case Datang Environment Organizes Group Psychological Counseling Activities



In August 2024, to thoroughly implement the requirements of the Third Plenary Session of the 20th CPC Central Committee on "improving the mental health service system and crisis intervention mechanisms" and to further promote the construction of a "Happy Datang", Datang Environment invited a professional psychological care team to carry out group psychological counseling activities. These sessions provided employees with tips on stress management and relaxation techniques, helped address psychological concerns, and enhanced employees' overall sense of happiness.



Case Datang Environment Carried Out the "Excellence for the Future, Happiness Refueling Station" Campaign



During the 2024 Spring Festival, Datang Environment carried out visits and delivered greetings and support to primary-level and frontline workers, employees in need, and model workers.



Case Datang Environment's Nanjing Environmental Protection Holds Symposium to Support Employees in Need and Party Members in Difficulty



In January 2024, Datang Environment's Nanjing Environmental Protection held a symposium to comfort employees in need and Party members in difficulty, allowing them to truly feel the Company's warmth and care, effectively fostering unity and boosting morale.



Contributing to Society

Datang Environment fulfills the responsibilities of a central SOE and actively participates in public welfare activities as well as local community development. This year, we continued to carry out a series of branded volunteer service activities under the "Three-Color Flowers" initiative. At the same time, we actively supported the rural revitalization strategy by launching the "Central SOEs Supporting Agriculture through Consumption Week" initiative, advancing projects related to water conservation and pollution reduction, and completing plant-wide zero wastewater discharge retrofits. These efforts aim to achieve a synergy between corporate development and societal progress, thereby enhancing Datang Environment's social influence. In addition, the Group actively ensured environmental safety during major national events, such as the Winter Olympics and the "Two Sessions".



"Three-Color Flowers" VolunteerService Association Educational Support through Culture Project: "Red Reading Pavilion"



"Three-Color Flowers" Volunteer Service Association: Youth Volunteer Service Activity — Practicing the Spirit of Lei Feng and Promoting a New Culture of Excellence



The "Three-Color Flowers" Volunteer Service Association has continuously carried out the "Educational Support through Culture" project for seven consecutive years at the migrant workers' children's school — Beijing Shijingshan Hua'ao School.



Datang Environment hosted the "Excellent Datang, Youth in Action" tree-planting volunteer activity for young members of the Communist Youth League from Datang Group companies based in Beijing.

The "Three-Color Flower" youth volunteer team of Datang Environment visited Hua'ao School in Shijingshan District to carry out an ideological and political education session "Civic Education for Thousands."



Case Concession Company of Datang Environment Conducts "Lei Feng Month" Youth Support Activities



To further promote the Lei Feng spirit and the volunteer values of "dedication, friendship, mutual assistance, and progress", and to rally the volunteer force of the "Three-Color Flower", the Concession Company of Datang Environment organized the themed event "Fenghua Zhengmao, You Mo You YOUNG" (In the Prime of 'Lei Feng': Role Models with Youthful Vibes) at Yuzhou Special Education School. More than 100 students received care from Datang, helping to further spread the Lei Feng spirit, enhance the Datang volunteer service brand, and continuously fulfill the social responsibilities of a central SOE through concrete actions.



Datang Environment organized its employees to participate in central SOE-led consumption assistance activities such as the "Spring Festival Support Action" and "Rural Vitalization Week." By fully leveraging its role as a bridge, Datang Environment expanded support channels and innovated activity formats, actively fulfilling its social responsibilities, demonstrating the accountability of a central SOE, and contributing to rural revitalization. In 2024, the Company invested a total of RMB 86,100 in rural revitalization efforts.

Case Consumption Assistance Initiative by Water Engineering & Technology



Water Engineering & Technology utilized the online "Central SOE Consumption Assistance" platform to accurately match the demand for specialty agricultural products from assisted regions. In 2024, the Company completed a total consumption assistance amount of RMB 25,256. This initiative not only effectively addressed sales challenges faced by local agricultural producers, but also adopted innovative models such as "purchasing instead of donating" and "buying as a means of helping", thereby making a positive contribution to the effective alignment of poverty alleviation achievements with the rural revitalization course.

Key Performance Indicators

Environmental

Indicator	Unit	2024	2023	2022
Exhaust Gas				
Sulfur dioxide emissions from production and operations ¹	metric ton	0.43	0.28	0.35
Nitrogen oxide emissions from production and operations ¹	metric ton	4.01	2.64	3.26
Sulfur dioxide emission reductions compliant under concession projects	metric ton	1,780,894	1,756,492	1,820,029
Nitrogen oxide emission reductions compliant under concession projects	metric ton	215,734	216,980	210,774
SO ₂ emissions compliant under concession projects	metric ton	15,149	14,532	14,228
NOx emissions compliant under concession projects	metric ton	23,220	22,190	20,673
Wastewater				
Wastewater discharge volume ²	10,000 metric tons	11.55	7.10	9.87
Wastewater discharge intensity (by revenue) ³	metric ton / RMB 1,000,000	20.02	8.70	9.32
Industrial wastewater discharge volume ³	10,000 metric tons	5.07	4.98	4.96
Domestic wastewater discharge volume ³	10,000 metric tons	6.48	3.48	6.30
Wastewater pollutant discharge volume ³	metric ton	1.19	1.17	/
COD ³	metric ton	0.68	0.72	/
Ammonia nitrogen ³	metric ton	0.04	0.01	/
Total nitrogen ³	metric ton	0.04	0.43	/
Total phosphorus ³	metric ton	0.42	0.01	/
Treated Volume of Solid Waste ⁴				
Total hazardous waste (excluding recycled spent catalysts) ⁵	metric ton	11,656.09	7,931.18	5,344.77
Waste lubricating oil (including engine oil)	metric ton	1.39	0.39	1.82
Waste catalyst	metric ton	8,999.92	3,802.45	1506.1
Sludge generated from wastewater treatment ⁶	metric ton	1,542.20	1,172.00	702.00
Hazardous substance-containing dust	metric ton	1,112.58	637	529.76
Recovered spent catalysts ⁷	metric ton	9,464.92	6,051	3,999.83
Density of total hazardous waste (excluding recycled spent catalysts) (by revenue)	metric ton / RMB 1,000	2.02×10-4	1.39×10-3	1.00×10-3
Non-hazardous waste treated volume	10,000 metric tons	2,767.80	212.3	1,261.03
Household waste	metric ton	189.90	128.00	138.50
Paper	metric ton	5.62	2.30	2.53
Other non-hazardous waste ⁸	metric ton	2,572.28	82.00	1,120.00
Discharge intensity of non-hazardous waste (by revenue)	metric ton / RMB 1,000	4.46×10-4	3.17×10-5	2.37×10-5

¹ Starting from 2024, a new emission coefficient accounting model with lower margin of error has been adopted; Jiangsu Environmental Protection was included in the 2024 statistical scope; Data for 2022 and 2023 have been retrospectively adjusted, and the data disclosed in this Report shall prevail.

² The statistical unit for 2024 will be adjusted from cubic meters to 10000 tons; Jiangsu Environmental Protection was included in the 2024 statistical scope.

³ Jiangsu Environmental Protection was included in the 2024 statistical scope.

⁴ Starting from 2023, the statistical caliber of this indicator will be changed from production volume to processing volume; Increase the scope of data statistics in 2024 to include Jiangsu Environmental Protection; Starting from 2023, desulfurization gypsum will achieve 100% comprehensive utilization and will no longer be counted from 2024.

⁵ The statistical scope has been adjusted to exclude treated volumes from concession projects; Data for 2022 and 2023 have been retrospectively adjusted, and the data disclosed in this Report shall prevail.

⁶ The statistical scope has been adjusted to exclude treated volumes from concession projects; Data for 2022 and 2023 have been retrospectively adjusted, and the data disclosed in this Report shall prevail.

⁷ Due to the fact that the recycled waste catalyst is a raw material for environmental protection production in Nanjing, it is not included in the calculation of the total amount and density of hazardous waste. Starting from 2023, the statistical unit for this data will be adjusted from cubic meters to metric tons.

⁸ Increased processing capacity due to increased production of regenerated catalyst

Indicator	Unit	2024	2023	2022
Use of Resource ⁹				
Total energy consumption ¹⁰	kWh	6.74×10 ⁷	4.89×10 ⁷	4.70×10 ⁷
Gasoline consumption ¹¹	Liter	24,642.86	25,685.71	21,928.57
Diesel oil consumption ¹¹	Liter	5,550.30	4,080.46	4,252.87
Natural gas consumption ¹²	10,000 m ³	381.29	160.93	171.32
Electricity consumption (photovoltaic) ¹³	kWh	4.10×10 ⁶	3.39×10 ⁶	1.55×10 ⁵
Electricity consumption (purchased) ¹³	kWh	2.18×10 ⁷	1.13×10 ⁷	1.26×10 ⁷
Non-fossil energy consumption ¹⁴	kWh	4.10×10 ⁶	3.39×10 ⁶	1.55×10 ⁵
Non-fossil energy use ratio ¹⁴	%	6.08	6.92	0.33
Energy consumption intensity (by revenue) ¹⁵	kWh / RMB 1,000	11.68	8.56	8.82
Water consumption ¹⁵	10,000 metric tons	16.58	10.58	14.07
Water consumption density (by revenue) ¹⁵	metric ton / RMB 1,000	0.029	0.018	0.026
Packaging materials				
Usage of packaging film ¹⁶	metric ton	48.97	30.06	30.02
Packaging film usage per cubic meter of denitrification catalyst	metric ton / m ³	1.09×10 ⁻³	1.18×10 ⁻³	1.17×10 ⁻³
Usage of plate-type module frames ¹⁷	—	17,404.00	12,721.00	12,317.00
Usage of honeycomb module frames ¹⁸	kg	1,348,031.30	/	/
Module frame usage per cubic meter of plate-type catalysts	pcs./m ³	0.49	0.50	0.48
Module frame usage per cubic meter of honeycomb catalysts ¹⁹	kg/m ³	146.85	/	/
GHG Emissions ²⁰				
GHG emissions (Scope 1 & 2)	tCO _{2e}	20,089.26	12,991.40	13,684.95
GHG emissions (Scope 1) ²¹	tCO _{2e}	8,395.90	6,935.12	6,920.11
GHG emissions (Scope 2) ²²	tCO _{2e}	11,693.36	6,056.28	6,764.84
GHG emission intensity per unit of revenue	tCO _{2e} / RMB 1,000	3.48×10 ⁻³	2.27×10 ⁻³	2.57×10 ⁻³
Reduction of GHG emissions ²³	tCO _{2e}	-6,867.05	290.43	/

⁹ In 2024, the statistical scope changed to include data from Jiangsu Environmental Protection.

¹⁰ Data for 2022 and 2023 have been retrospectively adjusted, and the data disclosed in this Report shall prevail.

¹¹ Starting from 2024, the statistical unit will be changed from metric tons to liters.

¹² The production of catalyst manufacturing and regeneration projects has significantly increased, leading to an increase in natural gas consumption.

¹³ The statistical scope has been adjusted to exclude treated volumes from concession projects; Data for 2022 and 2023 have been retrospectively adjusted, and the data disclosed in this Report shall prevail.

¹⁴ The statistical scope has been adjusted to exclude treated volumes from concession projects; Data for 2022 and 2023 have been retrospectively adjusted, and the data disclosed in this Report shall prevail.

¹⁵ The statistical scope has been adjusted to exclude treated volumes from concession projects; Data for 2022 and 2023 have been retrospectively adjusted, and the data disclosed in this Report shall prevail.

¹⁶ Increase in packaging film consumption due to increased regenerated catalyst output.

¹⁷ An increase in production leads to an increase in consumption.

¹⁸ Newly added indicator

¹⁹ Newly added indicator.

²⁰ The statistical scope has been adjusted to exclude treated volumes from concession projects, and include Jiangsu Environmental Protection; Data for 2022 and 2023 have been retrospectively adjusted, and the data disclosed in this Report shall prevail.

²¹ The calculation scope includes greenhouse gas emissions generated from direct energy consumption during production and operations. The calculation method and relevant emission factors refer to the Accounting Methods and Reporting Guidelines for Greenhouse Gas Emissions of Enterprises in Other Industrial Sectors (Trial) issued by the National Development and Reform Commission of China

²² The calculation scope includes greenhouse gas emissions generated from purchased electricity consumption. The calculation method and relevant emission factors refer to the Accounting Methods and Reporting Guidelines for Greenhouse Gas Emissions of Enterprises in Other Industrial Sectors (Trial) issued by the National Development and Reform Commission of China.

²³ The calculation scope includes greenhouse gas emission reductions compared to the previous year and greenhouse gas emission reductions generated by photovoltaic grid connection; The parameters for calculating greenhouse gas emissions reduction from photovoltaic grid connected systems refer to the 2023 Emission Reduction Project China Regional Power Grid Baseline Emission Factors released by the National Climate Change Strategy Research and International Center of the Ministry of Ecology and Environment of China

Social

Indicator	Unit	2024	Percentage
Employment			
Total number of employees	person	980	/
By gender			
Male	person	711	72.55%
Female	person	269	27.45%
By employment category			
Concession Company employees	person	323	32.96%
Engineering and technical employees	person	185	18.88%
Sales employees	person	66	6.73%
R&D employees	person	313	31.94%
Administrative employees	person	60	6.12%
Production employees	person	16	1.63%
Other employees	person	17	1.73%
By geographic region			
China	person	980	100%
By age group			
30 and below	person	159	16.22%
31-50	person	614	62.65%
50 and above	person	207	21.12%
Employee Turnover			
Employee turnover	person	23	2.35%
By gender			
Male	person	20	2.81%
Female	person	3	1.12%
By age			
Under 30	person	4	2.52%
31-50	person	17	2.77%
50 and above	person	2	0.97%

Indicator	Unit	2024	2023	2022
Occupational Health and Safety				
Occupational injuries/deaths	person	0	0	0
Rate of occupational deaths	%	0	0	0
Number of working days lost due to occupational injuries	day	0	0	0
Number of safety incidents	—	0	0	0
Duration of workplace safety training ¹	hour	918	875	891
Number of workplace safety training	time	612	583	594
Total attendance of workplace safety training	attendance	7,275	7,466	7,022

Indicator	Unit	2024	Percentage
Development and Training			
Number of employees trained	person	980	100%
By gender			
Male	person	711	100%
Female	person	269	100%
By employment category			
Concession Company employees	person	323	100%
Engineering and technical employees	person	185	100%
Sales employees	person	66	100%
R&D employees	person	313	100%
Administrative employees	person	60	100%
Production employees	person	16	100%
Other employees	person	17	100%
Average duration of training per employee	hour	101.56	/
By gender			
Male	hour	102.39	/
Female	hour	99.37	/
By employment category			
Concession Company employees	hour	86.08	/
Engineering and technical employees	hour	106.97	/
Sales employees	hour	124.29	/
R&D employees	hour	103.16	/
Administrative employees	hour	103.23	/
Production employees	hour	251.56	/
Other employees	hour	72.15	/

¹ NEWLY ADDED INDICATOR IN 2024.

Indicator	Unit	2024	2023	2022
Suppliers Management				
Total number of suppliers	—	536	361	372
Number of suppliers from the Chinese mainland	—	535	359	372
Number of suppliers from Hong Kong, Macao and Taiwan, China, and foreign countries	—	1	2	0
Number of key suppliers complying with the Company's supplier management practices	—	536	361	118
Number of supply chain risk events	piece	0	0	0
Number of suppliers reviewed	—	536	361	372

Indicator	Unit	2024
Product Responsibility		
Product percent of pass	%	100
Number of recalled products	—	0
Number of customer complaints	time	0
Average time to address customer complaints	minute	0
Complaint resolution rate	%	100
Technological Innovation		
R&D investment	RMB 10,000	19,334.28
Proportion of R&D investment	%	3.28
Anti-corruption		
Times of anti-corruption training sessions	time	1
Duration of anti-corruption training	hour	3
Total attendance of anti-corruption training	attendance	60
Community Investment		
Amount invested in rural revitalization	RMB	86,100

List of Laws and Regulations Observed During the Reporting Period

ESG Scope	Laws and Regulations	Compliance
Environmental	<ul style="list-style-type: none">• Environmental Protection Law of the People's Republic of China• Law of the People's Republic of China on Environmental Impact Assessment• Cleaner Production Promotion Law of the People's Republic of China• Atmospheric Pollution Prevention and Control Law of the People's Republic of China• Water Pollution Prevention and Control Law of the People's Republic of China• Water and Soil Conservation Law of the People's Republic of China• Law of the People's Republic of China on the Prevention and Control of• Environmental Pollution by Solid Wastes• Law of the People's Republic of China on Prevention and Control of Pollution from Environmental Noise• Energy Conservation Law of the People's Republic of China• Renewable Energy Law of the People's Republic of China• Water Law of the People's Republic of China• Environmental Protection Tax Law of the People's Republic of China• Circular Economy Promotion Law of the People's Republic of China• Standard for Environment and Sanitation of Construction Site• Integrated Emission Standard of Air Pollutants• Emission Standard for Industrial Enterprises Noise at Boundary• Directory of National Hazardous Wastes• Regulations on the Safety Management of Hazardous Chemicals• Identification of Major Hazard Installations for Hazardous Chemicals	<p>During the reporting period, the Group did not violate any laws or regulations related to exhaust gas emissions, greenhouse gas emissions, discharges to water and land, generation of hazardous and non-hazardous waste, or noise pollution that had a material impact on its operations.</p>
Employment	<ul style="list-style-type: none">• Labor Law of the People's Republic of China• Labor Contract Law of the People's Republic of China• Social Insurance Law of the People's Republic of China• Law of the People's Republic of China on the Protection of Disabled Persons• Special Rules on the Labor Protection of Female Employees• Contract Law of the People's Republic of China	<p>During the reporting period, the Group was not in violation of any laws or regulations related to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunities, diversity, anti-discrimination, or other benefits and welfare that had a material impact on its operations.</p>
Labor Practices	<ul style="list-style-type: none">• Labor Law of the People's Republic of China• Law of the People's Republic of China on the Protection of Minors• Provisions on the Prohibition of Using Child Labor	<p>During the reporting period, the Group did not violate any laws or regulations related to the prevention of child labor and forced labor that had a material impact on its operations.</p>

Occupational Health and Safety	<ul style="list-style-type: none">• Law of the People's Republic of China on the Prevention and Control of Occupational Diseases• Work Safety Law of the People's Republic of China• Fire Protection Law of the People's Republic of China• Emergency Response Law of the People's Republic of China• Regulation of Construction Projects on Workplace Safety• Regulation on Emergency Responses to Work Safety Accidents• National Environmental Emergency Response Plan	During the reporting period, the Group did not violate any laws or regulations related to providing a safe working environment and protecting employees from occupational hazards that had a material impact on its operations.
Product Responsibility	<ul style="list-style-type: none">• Product Quality Law of the People's Republic of China• Patent Law of the People's Republic of China• Trademark Law of the People's Republic of China• Law of the People's Republic of China on the Protection of Consumer Rights and Interests• Copyright Law of the People's Republic of China• Tort Law of the People's Republic of China• Civil Code of the People's Republic of China• E-Commerce Law of the People's Republic of China• Advertising Law of the People's Republic of China• Cybersecurity Law of the People's Republic of China	During the reporting period, the Group did not violate any laws or regulations related to the health and safety, labeling, privacy, and redress of its products and services that had a material impact on its operations.
Supply Chain	<ul style="list-style-type: none">• Bidding Law of the People's Republic of China• Regulation on the Implementation of the Bidding Law of the People's Republic of China	During the reporting period, the Group did not violate any laws or regulations related to supply chain management that had a material impact on its operations.
Anti-corruption	<ul style="list-style-type: none">• Criminal Law of the People's Republic of China• Company Law of the People's Republic of China• Anti-Money Laundering Law of the People's Republic of China• Anti-Unfair Competition Law of the People's Republic of China• Code of Integrity and Self-Discipline of the Communist Party of China• Provisions on Professional Integrity of SOE Leaders	During the reporting period, the Group did not violate any laws or regulations related to bribery, extortion, fraud, or money laundering that had a material impact on its operations.

Index of the Environmental, Social and Governance Reporting Code

Part B: Mandatory Disclosure Requirements

Mandatory Disclosure Requirements	Description	Relevant Chapters / Notes
Governance Structure	A statement from the board containing the following elements: (i) a disclosure of the board’s oversight of ESG issues; (ii) the board’s ESG management approach and strategy, including the process used to evaluate, prioritise and manage material ESG-related issues (including risks to the issuer’s businesses); and (iii) how the board reviews progress made against ESG-related goals and targets with an explanation of how they relate to the issuer’s businesses.	Board Statement ESG Governance
Reporting Principles	A description of, or an explanation on, the application of the following Reporting Principles in the preparation of the ESG report: Materiality: The ESG report should disclose: (i) the process to identify and the criteria for the selection of material ESG factors; (ii) if a stakeholder engagement is conducted, a description of significant stakeholders identified, and the process and results of the issuer’s stakeholder engagement. Quantitative: Information on the standards, methodologies, assumptions and/or calculation tools used, and source of conversion factors used, for the reporting of emissions/energy consumption (where applicable) should be disclosed. Consistency: The issuer should disclose in the ESG report any changes to the methods or KPIs used, or any other relevant factors affecting a meaningful comparison.	About this Report
Reporting Boundary	A narrative explaining the reporting boundaries of the ESG report and describing the process used to identify which entities or operations are included in the ESG report. If there is a change in the scope, the issuer should explain the difference and reason for the change.	About this Report

Part C: “Comply or Explain” Provisions

A. Environmental

Subject Areas, Aspects, General Disclosures and KPIs	Description	Relevant Chapters / Notes
Environmental		
Aspect A1: Emissions		
General Disclosure	Information on:(a) the policies; and(b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to air emissions, discharges into water and land, and generation of hazardous and non-hazardous waste.	Emission Management

KPI A1.1	The types of emissions and respective emissions data.	Key Performance Indicators
KPI A1.2	Direct (Scope 1) and energy indirect (Scope 2) greenhouse gas emissions (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Key Performance Indicators
KPI A1.3	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Key Performance Indicators
KPI A1.4	Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Key Performance Indicators
KPI A1.5	Description of emission target(s) set and steps taken to achieve them.	Emission Management
KPI A1.6	Description of how hazardous and non-hazardous wastes are handled, and a description of reduction target(s) set and steps taken to achieve them.	Emission Management

Aspect A2: Use of Resources

General Disclosure	Policies on the efficient use of resources, including energy, water and other raw materials.	Resource Utilization
KPI A2.1	Direct and/or indirect energy consumption by type (e.g. electricity, gas or oil) in total (kWh in '000s) and intensity (e.g. per unit of production volume, per facility).	Key Performance Indicators
KPI A2.2	Water consumption in total and intensity (e.g. per unit of production volume, per facility).	Key Performance Indicators
KPI A2.3	Description of energy use efficiency target(s) set and steps taken to achieve them.	Resource Utilization
KPI A2.4	Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency target(s) set and steps taken to achieve them.	Resource Utilization
KPI A2.5	Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced.	Key Performance Indicators

Aspect A3: The Environment and Natural Resources

General Disclosure	Policies on minimising the issuer's significant impacts on the environment and natural resources.	Environmental Management
KPI A3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them.	Environmental Management Emission Management

Aspect A4: Climate Change

General Disclosure	Policies on identification and mitigation of significant climate-related issues which have impacted, and those which may impact, the issuer.	Emission Management Combating Climate Change
KPI A4.1	Description of the significant climate-related issues which have impacted, and those which may impact, the issuer, and the actions taken to manage them.	Emission Management Combating Climate Change

B . Social

Subject Areas, Aspects, General Disclosures and KPIs	Description	Relevant Chapters / Notes
Employment and Labour Practices		

Aspect B1: Employment

General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare.a	Lawful Employment
KPI B1.1	Total workforce by gender, employment type (for example, full- or part-time), age group and geographical region.	Lawful Employment
KPI B1.2	Employee turnover rate by gender, age group and geographical region.	Key Performance Indicators

Aspect B2: Health and Safety

General Disclosure	Information on: (a)the policies; and (b)compliance with relevant laws and regulations that have a significant impact on the issuer relating to providing a safe working environment and protecting employees from occupational hazards.	Focusing on Health and Safety
KPI B2.1	Number and rate of work-related fatalities occurred in each of the past three years including the reporting year.Key Performance Indicators	Key Performance Indicators
KPI B2.2	Lost days due to work injury.	Key Performance Indicators
KPI B2.3	Description of occupational health and safety measures adopted, and how they are implemented and monitored.	Focusing on Health and Safety

Aspect B3: Development and Training

General Disclosure	Policies on improving employees' knowledge and skills for discharging duties at work. Description of training activities. Note: Training refers to vocational training. It may include internal and external courses paid by the employer.	Supporting Employee Development
KPI B3.1	The percentage of employees trained by gender and employee category (e.g. senior management, middle management).	Key Performance Indicators
KPI B3.2	The average training hours completed per employee by gender and employee category.	Key Performance Indicators

Aspect B4: Labour Standards

General Disclosure	Information on: (a)the policies; and (b)compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.	Lawful Employment
KPI B4.1	Description of measures to review employment practices to avoid child and forced labour.	Lawful Employment
KPI B4.2	Description of steps taken to eliminate such practices when discovered.	Lawful Employment

Aspect B5: Supply Chain Management		
General Disclosure	Policies on managing environmental and social risks of the supply chain.	Responsible Supply Chain
KPI B5.1	Number of suppliers by geographical region.	Key Performance Indicators
KPI B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, and how they are implemented and monitored.	Responsible Supply Chain
KPI B5.3	Description of practices used to identify environmental and social risks along the supply chain, and how they are implemented and monitored.	Responsible Supply Chain
KPI B5.4	Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored.	Responsible Supply Chain
Aspect B6: Product Responsibility		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to health and safety, advertising, labelling and privacy matters relating to products and services provided and methods of redress.	Strengthening Quality Management Focusing on Health and Safety
KPI B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.	Strengthening Quality Management
KPI B6.2	Number of products and service related complaints received and how they are dealt with.	Customer Service and Rights Protection
KPI B6.3	Description of practices relating to observing and protecting intellectual property rights.	Technological Innovation
KPI B6.4	Description of quality assurance process and recall procedures.	Strengthening Quality Management
KPI B6.5	Description of consumer data protection and privacy policies, and how they are implemented and monitored.	Customer Service and Rights Protection
Aspect B7: Anti-corruption		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to bribery, extortion, fraud and money laundering.	Standardized Operations Observing Business Ethics
KPI B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases.	Key Performance Indicators
KPI B7.2	Description of preventive measures and whistle-blowing procedures, and how they are implemented and monitored.	Observing Business Ethics
KPI B7.3	Description of anti-corruption training provided to directors and staff.	Observing Business Ethics Key Performance Indicators
Aspect B8: Community Investment		
General Disclosure	Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take into consideration the communities' interests.	Contributing to Society
KPI B8.1	Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture, sport).	Contributing to Society
KPI B8.2	Resources contributed (e.g. money or time) to the focus area.	Key Performance Indicators

Index of the Reference Indicator System for ESG Reports of Listed Companies Controlled by Central Enterprises

Environmental

Indicator			Relevant Chapters / Notes
E.1 Resource Consumption	E.1.1 Water	E.1.1.1 Fresh water consumption	Key Performance Indicators
		E.1.1.2 Recycled water consumption	Not involved
		E.1.1.3 Proportion of recycled water consumption	Not involved
		E.1.1.4 Water consumption intensity	Key Performance Indicators
	E.1.2 Materials	E.1.2.1 Consumption of non-renewable materials	Key Performance Indicators The main materials of our group are packaging materials
		E.1.2.2 Consumption of toxic and hazardous materials	The main materials of our group are packaging materials, which do not contain harmful substances
		E.1.2.3 Material consumption intensity	Key Performance Indicators The main materials of our group are packaging materials
	E.1.3 Energy	E.1.3.1 Fossil energy consumption	Key Performance Indicators
		E.1.3.2 Non-fossil energy consumption	Key Performance Indicators
		E.1.3.3 Non-fossil energy use ratio	Key Performance Indicators
		E.1.3.4 Total energy consumption	Key Performance Indicators
		E.1.3.5 Energy consumption intensity	Key Performance Indicators
	E.1.4 Packaging Materials	E.1.4.1 Packaging materials consumption	Key Performance Indicators
		E.1.4.2 Lightweight and reduction of packaging materials	Resource Utilization
E.2 Prevention and Control of Pollution	E.2.1 Wastewater	E.2.1.1 Discharge compliance of wastewater	All emissions have met the standard
		E.2.1.2 Wastewater management and emission reduction measures	Emission Management
		E.2.1.3 Wastewater discharge	Key Performance Indicators
		E.2.1.4 Discharge of wastewater pollutant	Key Performance Indicators
		E.2.1.5 Discharge concentration of wastewater pollutant	Emission Management
	E.2.2 Exhaust Gas	E.2.2.1 Emission compliance of exhaust gas	All emissions have met the standard
		E.2.2.2 Exhaust gas pollutant emissions	Key Performance Indicators
		E.2.2.3 Emission concentration of exhaust gas pollutant	Emission Management
	E.2.3 Solid Waste	E.2.3.1 Disposal compliance of solid waste	Emission Management
		E.2.3.2 Management of general industrial solid waste	Emission Management
		E.2.3.3 Volume of general industrial solid waste disposal	Key Performance Indicators
		E.2.3.4 Hazardous waste management	Emission Management
		E.2.3.5 Volume of hazardous waste disposal	Key Performance Indicators

E.3 Climate Change	E.3.1 Greenhouse Gas (GHG) Emissions	E.3.1.1 GHG source and type	Emission Management
		E.3.1.2 GHG emissions management	Emission Management
		E.3.1.3 Scope 1 emissions	Key Performance Indicators
		E.3.1.4 Scope 2 emissions	Key Performance Indicators
		E.3.1.5 Scope 3 emissions	Not involved
		E.3.1.6 GHG emissions intensity	Key Performance Indicators
	E.3.2 Emission Reduction Management	E.3.2.1 Reduction management of GHG emissions	Emission Management
		E.3.2.2 Reduction of GHG emissions	Key Performance Indicators
	E.3.3 Environmental Equity Transactions	E.3.3.1 Participation in carbon emissions trading market	Not yet involved, currently conducting CCER trading knowledge reserve
		E.3.3.2 Participation in energy, water, and pollution discharge rights trading markets	Not yet involved
		E.3.3.3 Participation in green power trading	Not yet involved, currently developing knowledge reserves for green electricity and green certificate trading
	E.3.4 Climate Risk Management	E.3.4.1 Climate risk management	Combating Climate Change
E.4 Biodiversity	E.4.1 Impact of Production, Services, and Products on Biodiversity	E.4.1.1 Impact of production, services, and products on biodiversity	Our group's production and operation have not had a significant impact on biodiversity, and we actively develop systems and measures related to ecological environment protection
E.5: Systems and Measures of Resource and Environment Management	E.5.1 Low-carbon Development Goal Setting and Strategic Measures	E.5.1.1 Low-carbon development goal setting and strategic measures	Combating Climate Change
	E.5.2 Resource Management Measures	E.5.2.1 Management of water use	Resource Utilization
		E.5.2.2 Management of material use	Resource Utilization
		E.5.2.3 Management of energy use and energy conservation	Resource Utilization
	E.5.3 Statistical Monitoring and Assessment Reward and Punishment System for Energy Conservation and Carbon Reduction	E.5.3.1 Monitoring, statistical report and assessment system for energy conservation and carbon reduction	Resource Utilization
	E.5.4 Green and Environmental Protection Actions and Measures	E.5.4.1 Clean production	Emission Management Green Operations
		E.5.4.2 Green technology improvement and recycling	Resource Utilization
		E.5.4.3 Green building renovation	Resource Utilization
		E.5.4.4 Green office and operation	Resource Utilization Green Operations
		E.5.4.5 Green procurement and green supply chain management	Responsible Supply Chain
		E.5.4.6 Welfare activities about environmental protection	Contributing to Society
	E.5.5 Green and Low Carbon Certification	E.5.5.1 Environmental management systems certification	Responsible Supply Chain
		E.5.5.2 Green and low-carbon enterprise certification	Combating Climate Change
		E.5.5.3 Green and low-carbon product and service certification	Not involved
	E.5.6 Compliance in Environmental Field	E.5.6.1 Emergency response plan for sudden environmental incidents	Environmental Management
		E.5.6.2 Incidents illegal or of non-compliance in environmental field	Environmental Management

Social

Indicator			Relevant Chapters / Notes
S1 Employee Rights and Interests	S1.1 Employee Recruitment and Employment	S1.1.1 Enterprise recruitment policy and implementation	Lawful Employment
		S1.1.2 Employee composition	Lawful Employment
		S1.1.3 Avoiding child labor or forced labor	Lawful Employment
	S1.2 Remuneration and Benefits of Employees	S1.2.1 Remuneration philosophy and policy	Lawful Employment
		S1.2.2 Working hours, breaks and vacations	Lawful Employment
		S1.2.3 Guarantee of remuneration and benefits	Lawful Employment
		S1.2.4 Democratic management of employees	Focusing on Health and Safety
	S1.3 Employee Health and Safety	S1.3.1 Management of employee occupational health and safety	Focusing on Health and Safety
		S1.3.2 Prevention and control of employee safety risks	Focusing on Health and Safety
		S1.3.3 Response to accidents and work-related injuries	Supporting Employee Development
		S1.3.4 Employee care and assistance	Lawful Employment
	S1.4 Employee Development and Training	S1.4.1 Employee incentive and promotion policy	Supporting Employee Development
		S1.4.2 Employee education and training	Supporting Employee Development
		S1.4.3 Support for employee career planning and position change	Supporting Employee Development
	S1.5 Employee Satisfaction	S1.5.1 Employee satisfaction survey	Lawful Employment
		S1.5.2 Labor disputes	Lawful Employment
		S1.5.3 Staff turnover	Lawful Employment
S2 Products and Services Management	S2.1 Product Safety and Quality	S2.1.1 Policies and measures of production standard management	Focusing on Health and Safety
		S2.1.2 Quality management	Strengthening Quality Management
		S2.1.3 Products recall and withdrawal	Strengthening Quality Management
		S2.1.4 Negative incidents about products or services	Strengthening Quality Management
	S2.2 Customer Service and Rights	S2.2.1 Customer satisfaction	Customer Service and Rights Protection
		S2.2.2 Customer complaints and handling	Customer Service and Rights Protection
		S2.2.3 Customer information and privacy protection	Customer Service and Rights Protection
	S2.3 Innovative Development	S2.3.1 R&D and innovation management system	Technological Innovation
		S2.3.2 R&D investment	Technological Innovation
		S2.3.3 Innovative accomplishments	Technological Innovation
S3 Safety and Management of Supply Chain	S3.1 Suppliers Management	S3.1.1 Suppliers selection and management	Responsible Supply Chain
		S3.1.2 Number and distribution of suppliers	Key Performance Indicators
	S3.2 Management of Supply Chain Links	S3.2.1 Policies and measures of supply chain management	Responsible Supply Chain
		S3.2.2 Safety guarantee and emergency plan of supply chain	Responsible Supply Chain
		S3.2.3 Major risks and impact events (supply chain)	Responsible Supply Chain

S4 Social Contribution	S4.1 Tax Paymen	S4.1 Tax payment	Please refer to the 2024 annual report
	S4.2 Community Co-building	S4.2.1 Policies and measures to participate in the construction of local communities	Contributing to Society
		S4.2.1 Contribution to and influence on local communities	Contributing to Society
	S4.3 Social Welfare Activities	S4.3.1 Policies and measures of participation in social welfare activities	Contributing to Society
		S4.3.2 Input and outcomes of participation in social welfare activities	Contributing to Society Key Performance Indicators
		S4.3.3 Construction of barrier-free environments	Not involved
	S4.4 Response to National Strategies	S4.4.1 Industrial transformation	Technological Innovation
		S4.4.2 Rural revitalization and regional coordinated development	Contributing to Society
		S4.4.3 Belt and Road Initiative and fulfillment of responsibilities overseas	Not involved
		S4.4.4 Industry characteristics and other social responsibility performance	Contributing to Society
G1 Governance Strategy and Organization Chart	G1.1 Governance Strategies and Processes	G1.1.1 Formulation of governance strategies	Please refer to the 2024 annual report
		G1.1.2 Processes for the supervision of governance strategies	Please refer to the 2024 annual report
		G1.1.3 Processes for the approval and review of governance strategies	Please refer to the 2024 annual report
	G1.2 Organization Structure and Functions	G1.2.1 Ownership responsibilities	Please refer to the 2024 annual report
		G1.2.2 Organization structure and functions of the Board of Directors, the Board of Supervisors and the Management	Please refer to the 2024 annual report
		G1.2.3 Nomination procedure and composition of the Board of Directors, the Board of Supervisors and the Management	Please refer to the 2024 annual report
	G1.3 Remuneration Management	G1.3.1 Remuneration plan of Directors and Supervisors	Please refer to the 2024 annual report
		G1.3.2 Remuneration transparency of the Board of Directors	Please refer to the 2024 annual report
		G1.3.3 Remuneration rationality of the Management	Please refer to the 2024 annual report
G2 Standardized Governance	G2.1 Internal Control	G2.1.1 Internal audit	Standardized Operations
		G2.1.2 Internal control structure, mechanism and process	Standardized Operations
	G2.2 Integrity Construction	G2.2.1 Integrity construction systems and standards	Observing Business Ethics
		G2.2.2 Integrity construction measures and effects	Observing Business Ethics
	G2.3 Fair Competition	G2.3.1 Fair competition system standards	Observing Business Ethics
		G2.3.2 Effectiveness of fair competition measures	Observing Business Ethics
G3 Investor Relation Management and Shareholders' Rights	G3.1 Investor Relation Management	G.3.1.1 Investor relation management strategies	Please refer to the 2024 annual report
		G.3.1.2 Communication with investors	Please refer to the 2024 annual report
		G.3.1.3 Development of investor relation management department	Please refer to the 2024 annual report
	G3.2 Shareholders' Rights and Interests	G3.2.1 General Meeting of Shareholders	Please refer to the 2024 annual report
		G3.2.2 Communication with shareholders	Please refer to the 2024 annual report
		G3.2.3 Shareholders' rights to be informed and participate in decision making	Please refer to the 2024 annual report
	G3.3 Creditor' Rights and Interests	G3.3.1 Credit Status	Please refer to the 2024 annual report
		G3.3.2 Bond market performance compliance	Please refer to the 2024 annual report
G4 Transparency of Information Disclosure	G4.1 Information disclosure system	G4.1.1 Financial disclosure	Please refer to the 2024 annual report
		G4.1.2 Disclosure of non-financial information	ESG Governance
	G4.2 Quality of Information Disclosure	G4.2.1 Periodical supervision, audit and assessment for all disclosed information	Please refer to the 2024 annual report
G5 Compliance Governance, Business Operations, and Risk Management	G5.1 Compliance Governance and Business Operations	G5.1.1 Compliance governance and operational systems	Standardized Operations
		G5.1.2 Compliance system development	Standardized Operations
		G5.1.3 Specific procedures for compliance review	Standardized Operations
	G5.2 Risk Management	G5.2.1 Risk identification and early warning	ESG Governance
		G5.2.2 Risk control and tracking	ESG Governance
		G5.2.3 Risk reporting and management	ESG Governance

Questionnaire

Dear reader,

Thank you very much for taking your precious time reading this Report. To better provide effective information to you and other stakeholders, continuously improve the quality of this Report, and enhance our sustainable development capabilities, we sincerely invite you to evaluate this report and provide valuable comments and suggestions.

You may choose one of the following ways to provide your feedback and suggestions:

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Feedback Questionnaire

1、What is your identity in relation to Datang Environment?

☐ Government ☐ Investor ☐ Employee ☐ Customer ☐ Supplier/Contractor ☐ Partner ☐ Peer
☐ Community/Public ☐ Media ☐ NGO ☐ Others (please specify)

2、Your overall comment on this Report?

☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Very Poor

3、In your opinion, the structure of this Report is?

☐ Very Reasonable ☐ Reasonable ☐ Generally Reasonable ☐ Less Reasonable ☐ Unreasonable

4、How would you rate the level of disclosure of the information you are concerned about in this Report?

☐ Very Comprehensive ☐ Comprehensive ☐ Partially Covered ☐ Minimally Covered ☐ Not Covered

5、What information that you are concerned about is not reflected in this Report?

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6、Your suggestions for this Report:

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Thank you for your feedback!