



浙江伟明环保股份有限公司
ZHEJIANG WEIMING ENVIRONMENT PROTECTION CO., LTD.

2022

Environmental, Social and
Governance (ESG) Report



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Chairman's Speech



“ More than 20 years of hard work and struggle, Weiming environment has experienced wind and rain, but also bathed in sunshine. Looking back on 2022, Weiming Environment has written the development history of this year with innovation and struggle. There are vigorous vitality, pioneering courage, and joy of harvest in the footprint. ”

2022 is a year of comprehensive improvement of Weiming Environment business.

From the construction of the first domestic waste incineration power plant to becoming a leading enterprise in the environmental protection industry, Weiming Environment has always developed steadily, this not only benefits from the company's development route based on technology, management as the cornerstone and team as the driving force, but also benefits from the strong foresight and courage of Weiming Environment, which dare to self-innovate and firmly embrace the new pattern. At the beginning of this year, Weiming Environment layout in the field of new energy materials, there are now 3 high nickel matte smelting projects under construction and preparation in Indonesia, with a total annual output of 130,000 tons of high nickel matte containing nickel metal, while investing in domestic annual output of 200,000 tons of power battery cathode materials, and the layout of scrap cars and waste batteries recycling and disassembly projects, forming a closed loop from the raw material to the recycling. Race the new energy track with the advantage of the whole industrial chain.

2022 is a year for Weiming Environment continuing to practice the concept of low-carbon environmental protection.

Having been deeply engaged in the environmental protection industry for more than 20 years, Weiming Environment has always kept in mind the responsibility of low carbon environmental protection, energy saving and emission reduction. In 2022, the company and its related holding subsidiaries had a total garbage disposal capacity of 9.32 million tons, a cumulative power generation capacity of 3.21 billion Kwh, and a cumulative on-grid electricity capacity of 2.61 billion Kwh. With a batch of projects under construction being put into operation, Weiming Environment is also continuously expanding the diversity of its business chain. In addition to solid waste treatment and power generation and food and kitchen waste comprehensive treatment projects, the company also carried out several business lines such as garbage leachate treatment, sludge drying and incineration treatment, smart sanitation and hazardous waste treatment, effectively provided local residents with urban and rural environmental sanitation integrated classified delivery, collection, transportation, standardized treatment of one-stop services. Under the background of "double carbon", Weiming Environment will continue to advocate the concept of sustainable development, continue to deepen the cause of low-carbon environmental protection, adhere to technological innovation, adhere to scientific management, and play the exemplary role of leading enterprises in the environmental industry.

2022 is a year of Weiming Environment's independent research and development of environmental protection equipment being further accumulated and developed.

The company's technology-based development route helps Weiming Environment build a strong "moat". By 2022, Weiming Environment has more than 100 patented technologies, 332 professional technical research and development personnel, and 6 subordinate high-tech enterprises. The company continues to seek

breakthroughs in science and technology research and development, self-designed three series of electrical products, that are low-voltage puller switchgear, low-voltage power cabinet, low-voltage distribution box have been certified by China Quality Certification Center CCC, 10kv and 35kv high-voltage switchgear have obtained the corresponding type test report, which makes Weiming Environment make further progress in the field of automation control; In the field of new energy material technology, Weiming Environment's manufacturing has been recognized by the market, signed overseas equipment orders, and provided professional equipment for overseas smelting projects.

2022 is a year for Weiming Environment practicing the concept of sustainable development and implementing the requirements of high-quality development.

The company continued to strengthen its management capabilities in environmental, social and corporate governance (ESG). At the environmental level, Weiming Environment continued to consolidate the construction of environmental management system, strengthen the environmental awareness of employees, used advanced industrial technology to deal with the company's three waste emissions generated in the production and operation, and actively responded to the carbon neutral strategy, actively carried out the identification and ranking of important climate issues, and analyzed the risks and opportunities brought by climate change to the company. At the social level, the company continued to strengthen the construction of employees' occupational health and safety system, respected employees' rights and interests, carried out diversified staff training and staff care activities, actively promoted the construction of community environmental protection cause, and carried out various forms of environmental education activities. At the governance level, Weiming Environment operated in accordance with the law, actively interacted with investors, further enhanced the transparency of information disclosure, and strived to protect the legitimate rights and interests of small and medium-sized investors. In 2022, the company won the honor of "ESG Top 100 Listed Companies in China" issued by Securities Times.

"The road is blocked and long, only by struggle can achieve the goal". Looking forward to 2023, Weiming Environment will uphold the corporate mission of "creating a clean, healthy and sustainable living environment for human beings", continue to carry forward the "Weiming Environment spirit" of courage, dedication, diligence, unity and cooperation, contribute to the environmental protection cause under the background of "double carbon" and contribute to the new stage of energy revolution!

Enter into Weiming Environment

About the company

Zhejiang Weiming Environment Protection Co., Ltd. adheres to the core values of "integrity, dedication, innovation and enterprising", adheres to the development mission of "creating a clean, healthy and sustainable living environment for human beings", and continues to provide first-class low-carbon environmental protection technologies, products and services to the society. Under the background of reaching the peak of carbon neutrality, the company promotes the development of low-carbon environmental protection business, and forms the development pattern of three business segments: environment treatment, equipment manufacturing and new materials.

In the environment treatment sector, the company has successively invested, constructed and operated nearly 100 environmental protection projects nationwide through BOT and BOO modes, and its business covers more than 20 provinces in China. Deeply engaged in environmental protection for more than 20 years, Weiming Environment has pioneered domestic waste treatment business with domestic self research equipment. The company also takes waste incineration power generation business as the core, deals with household waste, kitchen waste treatment, sludge treatment, agricultural and forestry waste treatment and hazardous waste treatment by means of collaborative treatment, actively involves in the industry upstream and downstream, such as environmental protection equipment research and development, manufacturing and sales, garbage removal, leachate treatment and other fields.

In the field of equipment manufacturing, the company not only involves in the research and development and sales of key equipment for waste incineration power generation projects, but also carries out the research and development and manufacturing of equipment in nickel pyrometallurgy and hydrometallurgy as well as equipment in new material production. The company completes the recombining and investment in Shengyun Environmental Protection (Group) Co., Ltd, and carries out the research and development, manufacturing and sales of transportation equipment through the equipment company affiliated to Shengyun Environmental Protection (Group) Co., Ltd. The company's subsidiary Weiming Equipment Company completes Civil engineering of industrial base of complete sets of environmental equipment, the new manufacturing industrial base will further increase the company's production capacity of equipment sector.

In 2022, the company started a new journey and carried out investment in three high nickel matte projects in Indonesia, with a total annual output of 130,000 tons of high nickel matte containing nickel metal. At the same time, the company also started investing in projects with an annual output of 200,000 tons of power battery cathode materials and power battery recycling in China. In addition, in 2022, the company completed the signing of the strategic cooperation framework agreement of Wenzhou Green circular Economy Industrial Park project and the investment framework agreement of Wenzhou New Energy Battery Materials Low-carbon Industrial Park Project, and involved in the fields of power battery and battery waste recycling and scrapped vehicle recycling. The company has established cooperative relations with TSINGSHAN HOLDING, CHENGTUN MINING, SUNWODA, GEM and other enterprises, and established New Materials Research Institute with Central South University to form a closed loop of the whole new energy industry chain and comprehensively layout the new energy and new materials industry chain.

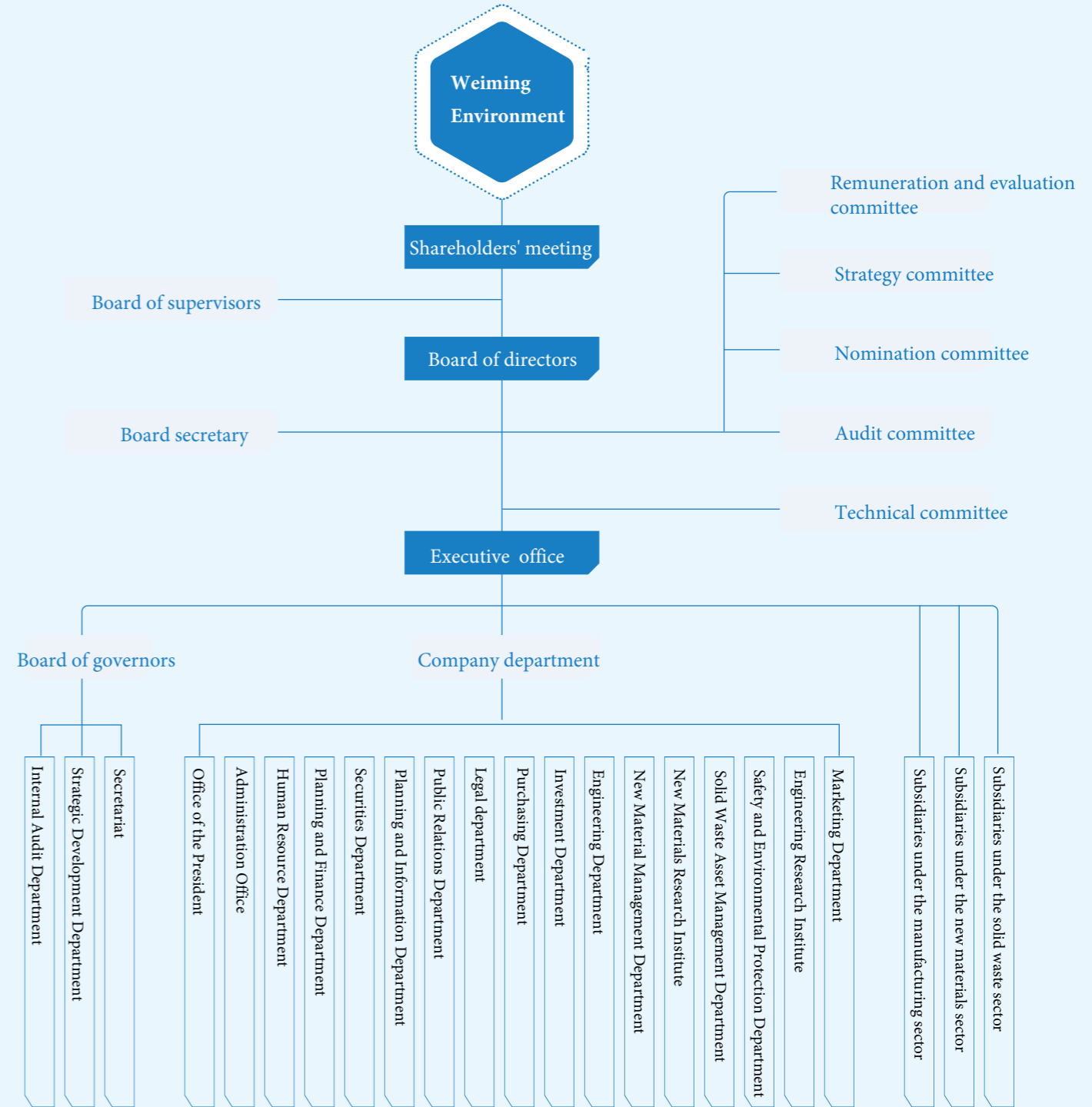
Year 2022

The annual production of high nickel matte containing nickel metal

130 thousand tons

Meanwhile, the company started investment and production of battery cathode materials

200 thousand tons per year



The structure of company governance



Development history

Year 2000

In November 2000, the Dongzhuang waste to energy project in Wenzhou was launched. It was completed and started power generation in November, honored as the "first milestone for the development and implementation of waste to energy technology domestication" by Ministry of Construction.

Year 2002

In April 2002, the Linjiang waste to energy project in Wenzhou was launched. It was completed and started power generation in April next year. This Project is a demonstration project of the National 863 Program "Urban Household incineration with complete set of technology and equipment".

Year 2004

In April 2004, the initial symposium of nationwide municipal solid waste incineration technology was jointly organized by Weiming Environment and China Association of Urban Environmental Sanitation in Wenzhou.

Year 2005

In July 2005, Weiming Environment became the first enterprise to obtain the first class qualification in environment protection facility operation and household waste treatment approved by the Ministry of Environment Protection.

Year 2012

In May 2012, the 600 ton/day multi-line 2-phase reciprocating household waste incinerator unit independently developed by Weiming which won the "National Key New Product" certificate granted by four ministries and commissions in China.

Year 2010

In May 2010, Kunshan waste to energy project (phase II) in Jiangsu Province was connected and started power generation. It is a top-grade resource recycling and utilization project in Jiangsu Province. Ranked at the top of the "Top 10 waste disposal cases in China for 2010". The second phase focuses on the Clean Development System registered with the United Nations.

Year 2008

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Year 2006

In September 2006, "HWM Two-Stage Reciprocating-Type Waste Incinerator and Flue Gas Treatment Device" Project was included into the national torch plan program. The project was of complete proprietary intellectual property rights, filling the gap of independent technology and products of waste incineration power generation field in China.

Year 2013

In January 2013, production base of complete set of environmental protection equipment in Binhai Park, Wenzhou City, officially started operation.

Year 2015

In May 2015, Weiming Environment was successfully listed in the main board market of Shanghai Stock Exchange Center. It is the first listed waste incineration and disposal company in China through IPO in domestic securities market.

Year 2016

In May 2016, the waste to energy project in Jieshou City was signed. Weiming Environment started to enter central China region on project layout. In addition to household waste to energy, Weiming Environment is also engaging in straw and other agricultural and forestry waste disposal.

Year 2018

In January 2018, Weiming Environment established smart sanitation business, expanding to integrated rural-urban waste collection field.
In March 2018, Weiming Waste Conservancy scientific research project won the First Prize of Shanghai Science and Technology Progress Award.
In December 2018, Weiming Environment issued convertible bonds worth RMB 670 million RMB to the public, which is listed and circulated in Shanghai Stock Exchange.

Year 2022

Between January and September 2022, Weiming Environment invested in three high nickel matte projects in Indonesia, with totally an annual production of 130,000 tons high nickel matte containing nickel metal. Meanwhile, Weiming Environment is also working with TSINGSHAN HOLDING, CHENGTUN MINING and SUNWODA on investing in the production of 200,000 tons of cathode materials per year, which has industry effect with high nickel matte projects in Indonesia.

Year 2021

In September 2021, Shengyun Environmental Protection Recombining and Investment Agreement was executed. As the recombining investor, Weiming Environment further expanded the space for market growth.
In December 2021, Weiming Environment signed the capital increasement agreement with Shanxi Environment Protection Group and acquired 66% shares from Guoyuan Environment Protection, a subsidiary of Shanxi Environment Protection Group

Year 2020

In March 2020, Weiming Environment Protection Equipment Co., Ltd. was accredited as Zhejiang Provincial Enterprise Research Institute.
In April 2020, the annual report of Year 2019 revealed that the accumulated growth rate of the business income and net profit had exceeded 300% since it was listed 5 years ago.
In May 2020, Weiming Environment advanced Environmental Industrial Park (Phase I) started construction and the manufacture of equipment will realize overall upgrading.

Year 2019

In August 2019, Yongqiang Waste Incineration Power Project (Phase II) officially won the title of national "AAA Level Household Waste to Energy Plant".
In November 2019, Singapore Weiming was founded. The company accelerated the pace of overseas business expansion.
In December 2019, Wenzhou Jiawei Environmental Protection Technology Co., Ltd. passed the national high-tech enterprise certification; Weiming Big Data Collection and Monitoring System (SIS) was officially launched.

Honors



Awarded by capital market



The 17th Golden Roundtable Award of the Board of Directors of Chinese Listed Companies

ESG award



Top 100 ESG Listed Companies in China



Top 100 Listed Companies by Value Award of the 16th Listed Companies in China



The Most Valuable Investment Award of 2022



The 13th Pegasus Award for Investor Relations of Chinese Listed Companies

Awards received by subsidiaries (part)



Mengyin Power Plant won the "Green Environment Award"



Linhai Power Plant won the title of "Excellent Manufacturing Enterprise"




Dongyang Power Plant won the title of enterprise with industrial output value exceeding 100 million yuan



Yongkang Power Plant won the title of "Zhejiang water-saving Enterprise"

Culture



Core values

"integrity, dedication, innovation, enterprising".

Vision

continue to provide first-class low-carbon environmental protection technology, products and services for the society.

Mission

to create a clean, healthy and sustainable living environment for human beings.

Culture

Around Weiming Environment's corporate values, the company adheres to the culture concept of "home", people-oriented, treat with heart, listen to the voice of employees, understand the needs of employees, care for staff life, organize staff activities, and gradually penetrate the company's care into the hearts of employees.

Scientific operation, improve management quality

Weiming Environment adheres to scientific management and operation according to law and compliance. By establishing a scientific and efficient decision-making mechanism and an effective check and balance supervision mechanism, Weiming Environment takes the initiative to identify and prevent risks in business operations, promotes the healthy, stable and sustainable development of the company, and lays a good management foundation for the company's operation.

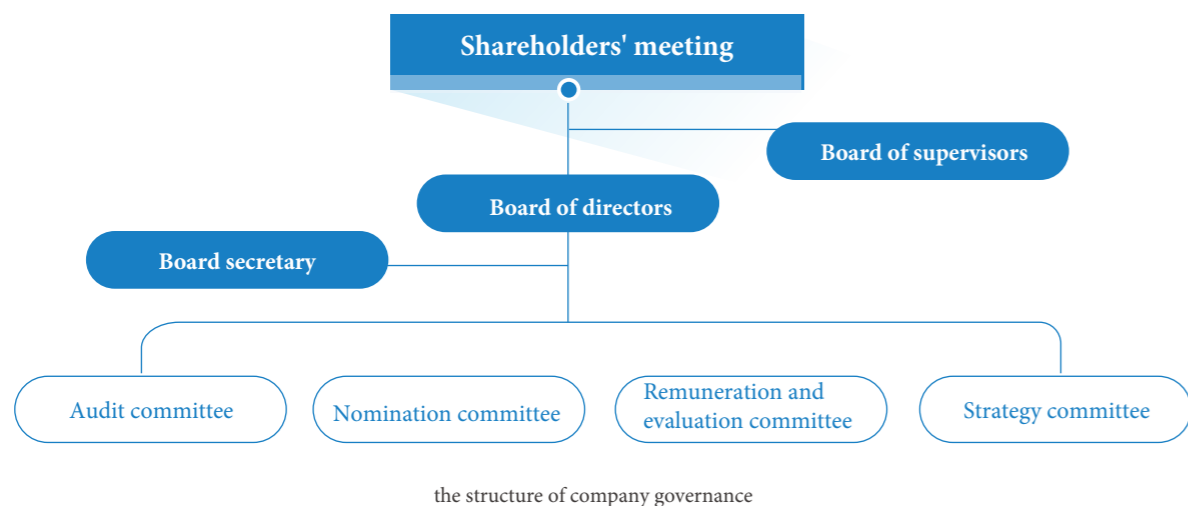


Modernization of corporate governance

Operation of three types of meeting

Weiming Environment strictly abides by the Company Law, Securities Law and other laws and regulations, has formulated the Articles of Association, Rules of Procedure of shareholders' meeting and other governance systems, and has established a governance structure composed of shareholders' meeting, board of directors, Board of supervisors and executive office. According to the Articles of Association, Weiming Environment has clarified the mechanism of coordination and checks and balances among power organs, decision-making organs, supervisory organs and management.

The general meeting of shareholders is the highest decision-making authority of the company, and the board of directors is the decision-making body of the company's operation and is responsible to the general meeting of shareholders. The board of directors consists of four professional committees, including Strategy committee, Nomination committee, Remuneration and evaluation committee and Audit committee, which assist the board of directors in fulfilling its decision-making and supervision functions and promote the standardized operation of the company. The company also employs independent directors to participate in decision-making and supervision, which enhances the objectivity and scientific nature of the board's decision-making.



Shareholders' meeting	Board meeting	Meetings of special committees of the board	Supervisory board meeting
2 times	13 times	11 times	10 times

Diversity of the board of directors

Weiming Environment selects and hires directors in strict accordance with the relevant articles of association of the company to ensure the openness, fairness and independence of the selection and appointment of directors. The company adheres to the policy of diversity of board members, and the composition of board members fully considers the company's business model and work needs, taking into account the gender, age, cultural and educational background or professional experience of the members, which is conducive to reducing business risks, improving decision-making level, improving investor relations and enhancing the company's image.

Year 2022

Board of directors
9 directors

Female directors
1 director

Enhance information disclosure

In order to ensure the Company's true, accurate, timely and complete disclosure of information and ensure that all investors have fair access to the company's information, the company has formulated the Information Disclosure Management System in strict accordance with relevant laws and regulations, strictly performs the information disclosure obligations, ensures the company's information disclosure is true, accurate, complete and timely, and ensures that all investors have fair access to the company's information.

Year 2022

Disclose
128 announcements

Investor relations management

The company has formulated the Investor Relations Management System in accordance with the Guidelines on Investor Relations Management of Listed Companies and other relevant regulations and requirements to continuously strengthen effective communication with investors and effectively protect the legitimate rights and interests of investors, especially small and medium-sized investors. In order to enable investors to have a better understanding of the company's operation, the company strives to create conditions for investors to enter the company and enhance mutual understanding and trust through various communication and research methods such as regular performance presentations, on-site research, online exchanges and project field visits. main measures in terms of investor communication include:

Year 2022

organized and received online and offline surveys from institutional investors in 2022.

more than **10**

- Set up a special investor consultation telephone, fax and email to provide channels for investors to understand the company's production and operation.
- Carry out investor relations activities through the investor relations column of the company's website, and strengthen the construction, operation and maintenance of investors' network communication channels.
- Disclose the "Investor Relations Activity Record Form" on the E-interactive platform of the SSE from time to time, and actively reply and respond to investors' daily inquiries to the company on the platform.
- The company shall invite or accept investors, fund managers, analysts, etc. to visit the company or the location of the fund raising project for on-site discussion and communication according to the plan and arrangement.
- After regular reports, the company will conduct performance presentations online in a timely manner, and communicate with the company through road shows, analyst meetings, etc., to answer relevant questions and listen to relevant opinions and suggestions proposed by investors.

Dividend for shareholders

Since the listing of the company, while improving the steady growth of economic benefits, according to the profit situation and the needs of production and operation development, the company has implemented a steady and continuous dividend distribution policy to actively return shareholders. On May 20, 2022, the company held the 2021 Annual Shareholders' meeting, deliberated and approved the 2021 Annual Plan for the Conversion of Capital Reserves to Share Capital and Profit Distribution of the company, and distributed cash dividends of 1.3 yuan (including tax) to all shareholders for every 10 shares of undistributed profits, and 3 shares for every 10 shares by capital reserves to all shareholders. A total of about 169 million yuan (including tax) in cash dividends will be distributed to 390,972,330 shares.

Strengthen compliance operations

The company continuously deepens the construction of compliance system and promotes the implementation of compliance management responsibilities of business departments and relevant management departments. The company carries out internal control evaluation and supervision actions, continuously optimizes the internal control system, integrates internal control risks into daily management, and provides standard guidance for the company to operate in accordance with law and compliance. The company carries out annual major risk assessment and major business risk monitoring, continuously strengthens the pertinency and timeliness of major risk monitoring, and timely diagnoses and reviews the high-risk links that may exist in the company's operation, and corrects the problems found in the first time.

Compliance with business ethics

Weiming Environment strictly abides by the laws, regulations and company rules and regulations of China and the countries (regions) where it operates. Weiming Environment participates in market competition according to law and compliance. Weiming Environment is committed to building a good cooperative relationship of mutual respect and mutual benefit with its business partners, and prohibits bribery and corruption, monopoly, unfair competition and illegal procurement. And fully respect the rules and requirements of trade control in the countries (regions) where the business is located. The company has set up and published channels such as letters and visits, network reports, telephone reports, etc., to supervise and prevent the behavior of seeking or transferring improper interests. The company encourages employees, customers, suppliers and other people to report suspected violations of laws and regulations and criminal acts according to law. The company evaluates the reporting leads received, and establishes projects where there are clear facts of violations of laws and regulations. At the same time, the company protects whistle-blowers through confidential management measures such as minimizing the number of informants and keeping the reporting materials by special personnel. The company will seriously deal with those who retaliate against whistle-blowers; If there is any suspected illegal or criminal situation, it will be transferred to the judicial organs for handling.

Pay attention to information security

Weiming Environment attaches great importance to the protection of its own information security and customer privacy. The company strictly abides by the Cybersecurity Law, Data Security Law, Personal Information Protection Law and other laws and regulations, fulfills its cybersecurity protection obligations, and collects and uses personal information in accordance with the principles of legality, legitimacy and necessity.

In order to implement the strategic requirements of building a low-carbon environmental protection industry cluster and opening up the whole industrial chain from the raw material end to the sales end, Weiming Environment aims to build a comprehensive information security capability for the digital age. The company plans to increase investment in infrastructure construction, improve the corresponding system construction, and integrate information security construction into all aspects of each business line, so as to rapidly raise the maturity of Weiming Environment information security system to a perfect level.


The company has set up an information security department to carry out information security-related work, which is responsible for training employees and customers on information system and software protection, strengthening the construction of network security infrastructure by introducing advanced protection systems, and organizing and participating in network security attack and defense exercises. By the end of 2022, the information security department of the company has carried out regular operations on security risk identification, supervision and other modules to identify potential information security risks and violations of the company. At the same time, the company is accelerating the establishment of the dynamic monitoring and automatic warning mechanism of the information security technology platform, and gradually realize the rapid early warning of abnormal information security behaviors in advance, the blocking of behaviors during the incident, and the tracing of logs after the event. During the reporting period, the company has not been punished by relevant departments for violating relevant laws and regulations on information security and privacy protection.

Employee training

- Introducing advanced firewalls, intrusion detection and protection systems.
- A security operation center has been established, achieving comprehensive monitoring and prevention of security threats, timely handling of security incidents, and improving emergency response capabilities.

Network security infrastructure construction

- Strengthen education and training on network security awareness, organize regular network security training, impart network security knowledge and prevention skills to employees, and develop network security management systems and operating procedures to standardize employees' network behavior and operating standards.



Information Security Management Measures

Data security protection

- A comprehensive data backup strategy has been established to classify, back up and encrypt important company data.
- Cloud computing system has been introduced to realize data cloud, real-time monitoring and early warning, and to ensure the security and confidentiality of data.

Network security drill

- Organize offensive and defensive drills related to SQL injection attack and WEB SHELL upload.
- Carry out regular inspection of network equipment.

ESG concept and management

ESG management philosophy

- Weiming Environment combines ESG with the company's development strategy, and continues to improve the ESG governance structure and operation mechanism. During the reporting period, the company established an ESG management structure that is in line with its own development reality, actively carried out stakeholder research, and identified important substantive issues of ESG management at the present stage.

ESG management structure

- In order to improve the working mechanism of ESG management and coordinate and promote ESG related work, the company will set up an ESG working group at the management level in 2022, which is responsible for formulating ESG management objectives and strategies, implementing specific ESG work deployment, and reporting ESG important matters to the board of Directors and management.

main responsibilities of the ESG Working Group

- Develop ESG management objectives and strategies.
- Identify and assess ESG opportunities and risks.
- Implement the work deployment of the Board, management and ESG team
- Report the progress of ESG work to the board of directors, management, etc

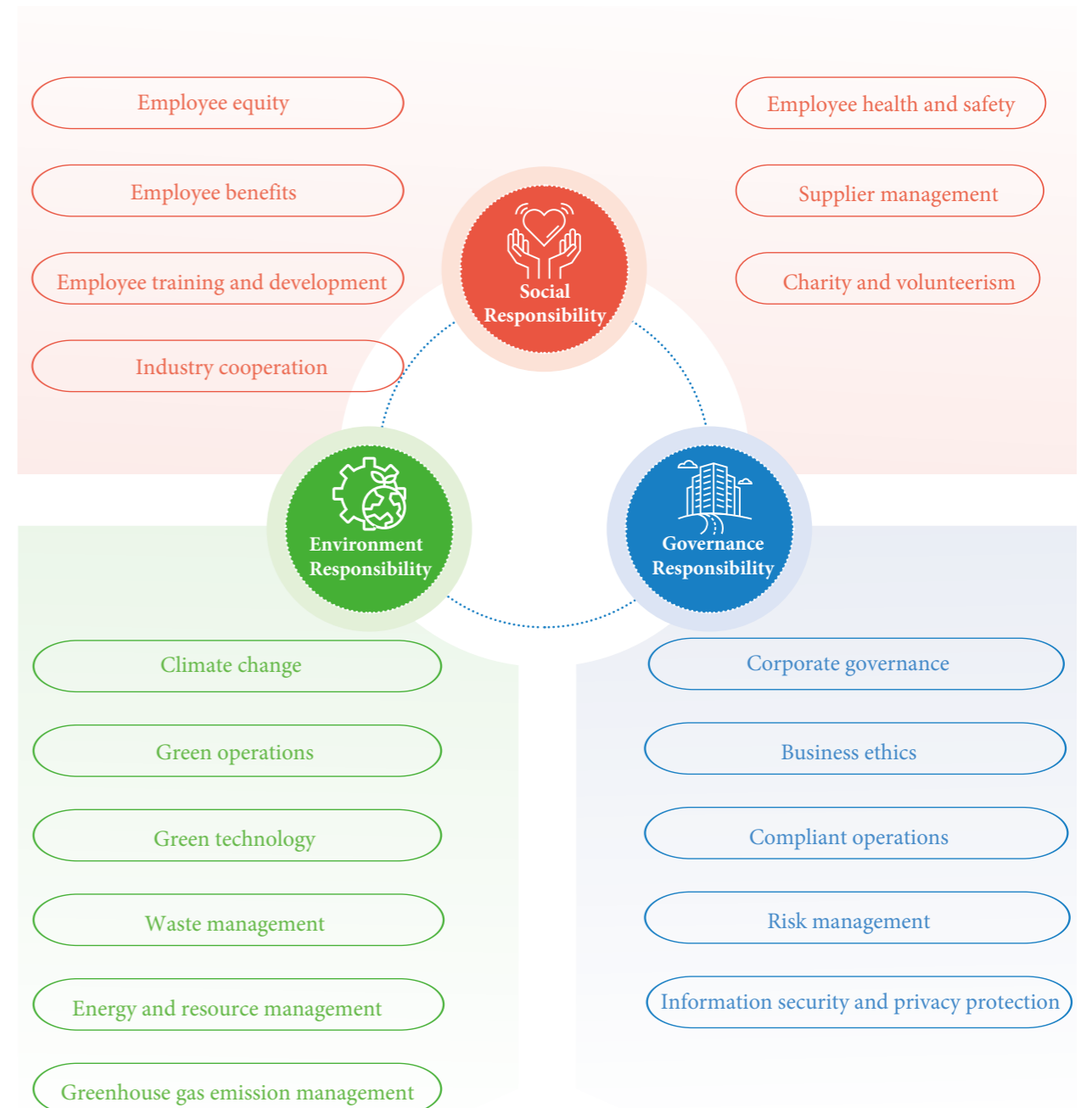
Communication with stakeholders

The company identifies its major stakeholders and their major concerns based on its own development strategy and operational reality, as well as industry conditions. The company maintains communication with stakeholders through information disclosure, shareholders' meetings, cooperation and exchanges, visits, research and other forms, and actively responds to their expectations and demands.

Stakeholders	Primary concern	Ways to respond
Shareholders and Investors	<ul style="list-style-type: none"> • Sustainable profitability • Standard corporate governance • Disclosure of business information • Shareholders rewarding 	<ul style="list-style-type: none"> • Improve business management • Optimize the internal compliance management system • Timely and accurate information disclosure • Organize a general meeting of shareholders
Client	<ul style="list-style-type: none"> • Good faith performance • Quality service 	<ul style="list-style-type: none"> • Execute the contract strictly • Provide quality service
Staff	<ul style="list-style-type: none"> • Ensure legal rights • Ensure compensation and welfare • Ensure health and safety • Pay attention to personnel training 	<ul style="list-style-type: none"> • Equal regulation of employment • Offer competitive payment • Provide a healthy and safe work environment • Improve talent development channels • Conduct safety and environmental protection training
Suppliers and other partners	<ul style="list-style-type: none"> • Integrity procurement • Good faith performance • Win-win cooperation 	<ul style="list-style-type: none"> • Sign clean procurement agreements with suppliers • Open and fair procurement • Support supplier growth
Environment	<ul style="list-style-type: none"> • Protecting local environment 	<ul style="list-style-type: none"> • Energy conservation and emission reduction • Use technology to reduce pollution • Actively respond to the challenge of climate change
Community	<ul style="list-style-type: none"> • Support community development • Charity 	<ul style="list-style-type: none"> • Supporting the development of community public utilities • Carry out community public welfare and charity activities • Carry out compulsory environmental protection publicity activities
Government agencies	<ul style="list-style-type: none"> • Law-abiding • Drive local economic development 	<ul style="list-style-type: none"> • Abide by laws and regulations • Providing employment • Promote the development of local environmental protection industries
Media and Others	<ul style="list-style-type: none"> • Co-development • Disclosure of information 	<ul style="list-style-type: none"> • Carry out strategic cooperation • Organize visits, meet-and-greets, etc

Analysis of substantive issues

Based on the expectations, business scope and sustainable development of internal and external stakeholders, in order to make the report better respond to the demands and expectations of stakeholders, the company carries out the identification, evaluation and analysis of substantive issues, and establishes substantive issues of importance to the company and stakeholders.



Theme

Take advantage of main business Gathering joint force of green development

In order to actively respond to the national "carbon peak, carbon neutral" development strategy and practice the green and low-carbon development goal, Weiming Environment adheres to the corporate vision of "continuously providing first-class low-carbon environmental protection technology, products and services to the society", continues to deepen the main business sectors such as environment treatment and advanced equipment manufacturing, and comprehensively improves the existing business, officially entering the new energy field, to contribute "Weiming Environment power" to the green and low-carbon transformation development.

Core Performance in 2022

Operating revenue in 2022

4.45 Billion Yuan

Year on year growth

3.66%

Total assets in 2022

20.22 Billion Yuan

Year on year growth

37.38%

Net asset

9.29 Billion Yuan

Year on year growth

20.37%

Net profit attributable to the parent company in 2022

1.65 Billion Yuan

Year on year growth

3.01%

Net profit attributable to the parent company after deducting non recurring gains and losses in 2022

1.59 Billion Yuan

Year on year growth

1.91%

Net cash flow for 2022

2.19 Billion Yuan

Year on year growth

89.55%

Research investment in 2022

84.51 Million Yuan

Patents and Software Copyright

about **210**

Basic earnings per share for 2022

0.98 Yuan per share



Build a platform for independent R&D and innovation

Weiming Environment adheres to scientific and technological innovation as the origin, and continues to improve the competitiveness of core technologies. By building and improving the innovation research and development system, Weiming Environment strives to promote the integration of production, education and research application, accelerate the transformation of innovation research and development results, and strive to build the company into an innovation-driven, domestic advanced low-carbon environmental protection provider that provides overall solution comprehensive service .

The Technology Management Committee is responsible for coordinating and leading the company's technology research and development work. By 2022, the company has 944 technical staff, including 133 with senior titles, covering specialties including thermoelectric engineering, mechanical design, boiler, automation control, power engineering and environmental protection. The technical backbone members of the company's R&D center have participated in many national "863" programs and provincial major science and technology plan programs, and have rich experience in the execution of science and technology projects.

Case

Set up post-doctoral research workstation and build a team of scientific research talents

The company has always attached great importance to scientific and technological research and development and independent innovation, and insisted on a high investment in research and development for a long time. In August 2021, relying on its own business scale and technological research and development strength, the company was approved by Zhejiang Postdoctoral Work Office to set up an enterprise postdoctoral workstation. In February 2022, the post-doctoral proposal review meeting of Weiming Environment Postdoctoral Workstation was held at the headquarter. In addition, the company will take the postdoctoral research workstation as an opportunity to establish a long-term stable and friendly industry-university-research cooperation relationship with Northwestern Polytechnical University, and also promote the improvement of the company's technology research and development strength through the postdoctoral project.



Research and development expenses of the company and its subsidiaries during the reporting period

84.51

million yuan

New invention patents

13 items

New utility model patents

34 items

New software Copyrights

3 items



Deepen the strategic cooperation between industry, university and research

In order to cultivate middle and senior management talents who can adapt to the future development of the company and open up the rapid growth channel of middle and senior executives, the company signed a strategic cooperation agreement with Wenzhou Research Institute of Zhejiang University, and plans to cooperate with the research institute in many fields such as technology research and development, project cooperation and market business.

In 2022, the company also conducted industry-university-research cooperation with Central South University and established Weiming Shengqing New Materials Research Institute. The institute will support the company's development in the fields of new material manufacturing, technology research and development, and personnel training.



Industrial and academic strategic cooperation with Zhejiang University and Central South University



Environment treatment sector

Weiming Environment is one of the first environmental protection enterprises with independent intellectual property rights of waste incineration treatment technology in China, with more than 100 patents and software Copyrights. The company has undertaken two national 863 program research projects of "municipal household waste incineration complete set of technology and equipment" and "municipal household waste incineration with secondary pollution control technology and system integration" and a national torch program project. Participated in the formulation of the "construction standards of municipal household waste incineration treatment project", "evaluation standards for solid waste incineration plant" and other industry standards. By 2022, the company has successively invested, constructed and operated nearly 100 environmental protection projects nationwide, covering 18 provinces and autonomous regions including Zhejiang, Jiangxi, Jiangsu, Anhui, Shandong, Yunnan, Fujian, Shanxi, Hebei, Hunan, Hubei, Guangdong, Guangxi, Heilongjiang, Jilin, Gansu, Guizhou and Tibet.



national 863 sample project

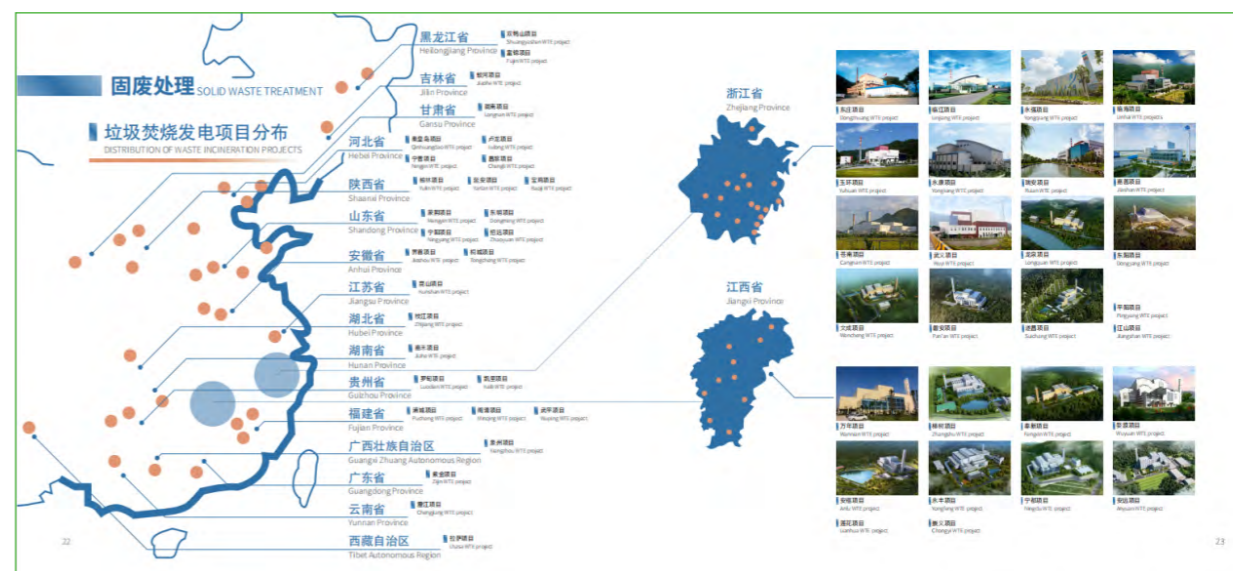
By the end of 2022, the number of official operation and trial operation projects of waste incineration treatment under the company's investment and holding have reached 46 (including 7 trial operation projects), with an operation scale of about 32,000 tons/day (excluding equity participated and entrusted projects). During the reporting period, the company and its related holding subsidiaries have completed a total of

- 3.21 billion kwh of accumulated power generation,
- 2.61 billion kwh of accumulated on grid power, of which
- 2.23 billion kwh had been settled. And nearly
- 9.32 million tons of accumulated waste were put into storage (including domestic, kitchen, sludge and other waste). Among which nearly
- 8.89 million tons were household waste.

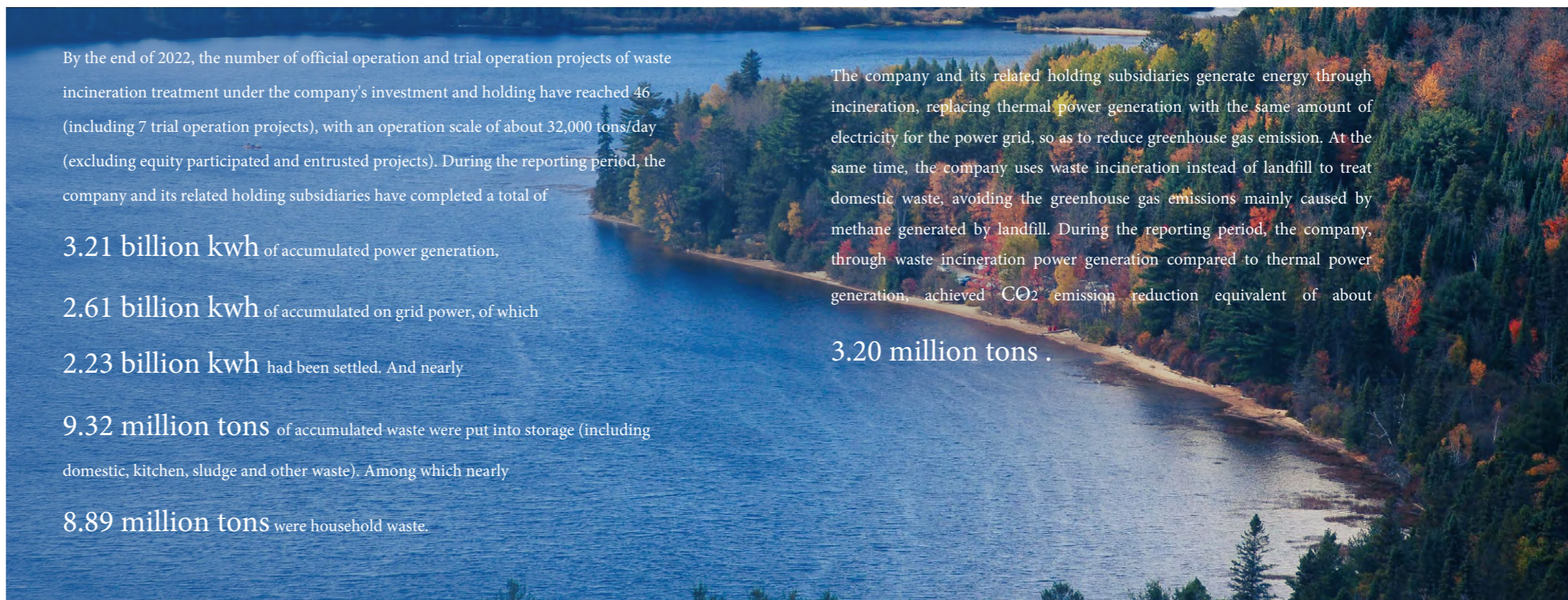
Key performance of environment treatment sector in 2022

Region	Item	Year 2022	
In Zhejiang Province	Power generation	1.99	billion kwh
	On grid energy	1.63	billion kwh
	Settled electricity	1.46	billion kwh
	Waste into storage	5.64	million tons

Region	Item	Year 2022	
Out of Zhejiang Province	Power generation	1.21	billion kwh
	On grid energy	0.98	billion kwh
	Settled electricity	0.77	billion kwh
	Waste into storage	3.68	million tons



Distribution of waste to energy projects



The company and its related holding subsidiaries generate energy through incineration, replacing thermal power generation with the same amount of electricity for the power grid, so as to reduce greenhouse gas emission. At the same time, the company uses waste incineration instead of landfill to treat domestic waste, avoiding the greenhouse gas emissions mainly caused by methane generated by landfill. During the reporting period, the company, through waste incineration power generation compared to thermal power generation, achieved CO₂ emission reduction equivalent of about 3.20 million tons.

Waste to energy project

Promoting the construction of urban solid waste incineration treatment facilities is an important link and basic work to strengthen environmental infrastructure construction. Weiming Environment in-depth implementation of the National Development and Reform Commission and other five departments of the "Guidance on strengthening the construction of county-level solid waste incineration facilities", strengthen the waste incineration key technology and equipment research and development research, further promote the classification of solid waste, and accelerate the classification, delivery, collection, transportation, classification and treatment system construction of solid waste. The company invests, builds and operates waste incineration power plants, and provides integrated solutions for urban solid waste treatment and disposal.

Case Chengjiang Project

Chengjiang County waste to energy project is a key project of Chengjiang City, with a daily waste treatment of 300 tons (1×300t/d). The project incineration process is determined on the basis of advanced incineration process and equipment at home and abroad, combining the characteristics of low calorific value and high moisture of urban solid waste in China, and fully applying the successful operation experience of domestic waste to energy projects. This project selected Weiming Environment's two-stage reciprocating furnace, boiler adopts advanced flue gas purification technology, using "SNCR denitration + semi-dry dry deacidification + activated carbon adsorption + cloth bag dust removal", reserved SCR installation site. The emission standard of this project meets the requirements of "Household Waste Incineration Pollution Control Standard GB18485-2014".

Case Pucheng Project

The solid waste to energy project in Pucheng County was successfully connected to the power grid in September 2022. The project built a 600t/d waste incineration treatment line with an annual capacity of 219,000 tons of solid waste, equipped with a set of 12MW condensed steam turbine generator set, and was constructed and operated according to the harmless "AA" standard of waste to energy plant. The flue gas emission of the project meets the "Pollution Control Standard of solid Waste incineration Treatment" GB18485-2014, and the NOx emission standard meets the local standard of Fujian DB35/1976-2021.

Kitchen waste and sewage treatment

Weiming Environment started to carry out the business of waste collection and transportation in 2015. Its subsidiary Wenzhou Jiawei Environment Protection Technology Co., Ltd. is a national high-tech enterprise engaged in the investment, construction, operation, technology R&D and equipment manufacturing of sewage, kitchen waste and sludge treatment projects. By 2022, the company has completed research on the technology for odorous water treatment, anaerobic digestion of sludge from sewage plant, treatment of high concentration organic wastewater, inorganic wastewater, river sludge solidification and resource utilization. In the field of kitchen waste transportation, Weiming Environment adopts the "bucket and truck" direct transport mode, which greatly shortens the intermediate process and ensures the efficient collection and transportation of kitchen waste. The kitchen waste treatment process takes "pretreatment + anaerobic digestion" as the main process, supporting biogas purification and storage system, and finally produces "crude oil" and "biogas" and other high value-added products. By the end of 2022, the company has invested and held 11 formal operation projects of kitchen waste treatment. In 2022, the company processed accumulated 337,100 tons of kitchen waste, an increase of 16.40% compared to that in 2021, and sold 10,321 tons of by-product oils, an increase of 25.59%.

Case Yongqiang Kitchen Waste Project

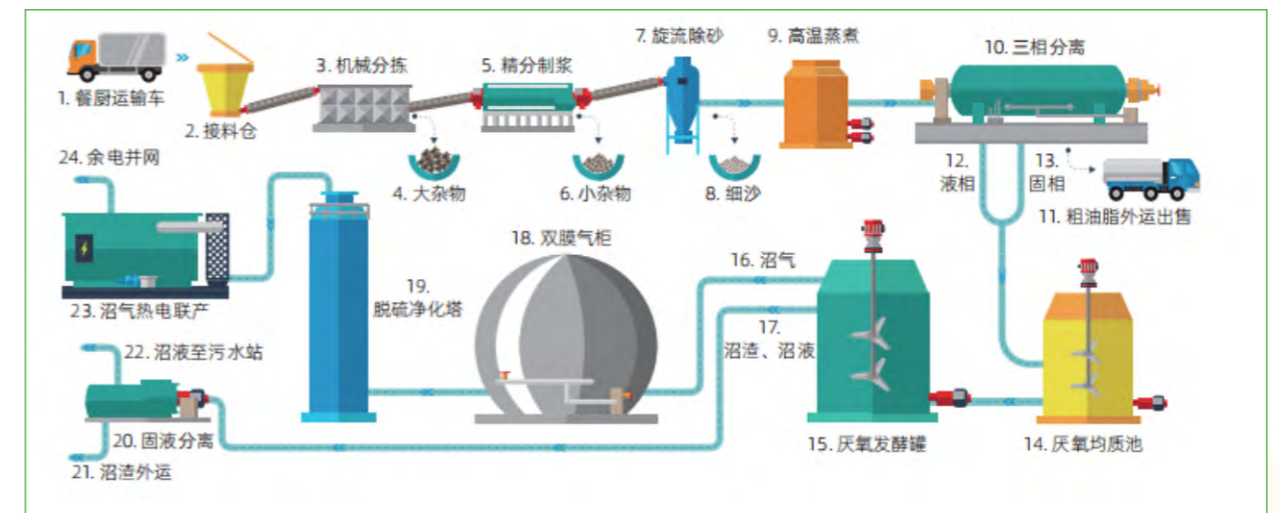
Wenzhou Yongqiang kitchen waste treatment project is designed to treat 600 tons kitchen waste per day, using pretreatment + pressing (pulping) + wet anaerobic mode with medium temperature, generating electricity by purified anaerobic biogas, which is an important terminal treatment facility for the implementation of garbage classification in Wenzhou. The project is next to the Yongqiang Waste to energy project, which realizes the collaborative treatment of household waste and kitchen waste and effectively optimizes the allocation of resources. As a garbage sorting terminal treatment facility, the project will effectively improve the capacity of kitchen waste treatment for the city of Wenzhou.



the workshop of kitchen waste treatment project



other projects of kitchen waste treatment



process flow of kitchen waste treatment



Smart Environmental Sanitation

Wenzhou Zhongzhi Environment Services Co., LTD., and Zhonghuan Smart Environment Co., LTD., are subsidiaries of Weiming Environment Protection, focus on the integrated investment and operation services of urban and rural environmental sanitation. The main business areas include the integration of urban and rural environmental sanitation, waste classification in a intelligent way, road cleaning, rural household waste collection and transportation, urban household waste collection and transportation, and the integration of kitchen waste collection and transportation.

Weiming Environment installs GPS positioning system for the vehicles that are responsible for the garbage collection and transportation of the sanitation business, and the specific location and working status of the vehicles can be known through the real-time monitoring of the screen. Besides, the company is able to collect demand information of garbage collection and transportation in time, so as to match the most reasonable collection and transportation lines for the vehicles, improve the collection and transportation efficiency, reduce the cost such as fuel consumption, labor, etc.

As of 2022, the company has successively carried out Pingyang, Wenzhou Ouhai, Lucheng, Jiashan and other districts of household waste collection and transportation projects; in addition, the company has carried out kitchen waste collection and transportation projects in Lucheng, Ouhai, Jiashan, Ruian, Jiangshan and other districts. The company also participates in the construction, management and operation of urban sanitation facilities, industrial waste removal and disposal, and other sanitation services.



Accumulated household waste collection and transportation in 2022

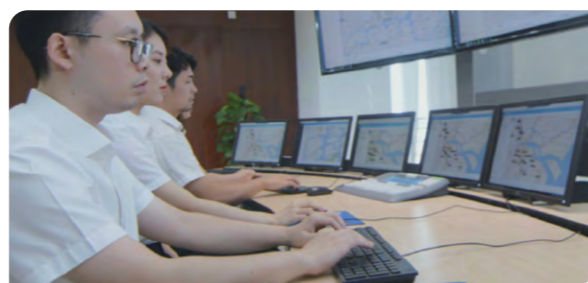
1.17 million tons

Accumulated kitchen waste collection and transportation in 2022

0.27 million tons



Special transport vehicle for perishable waste



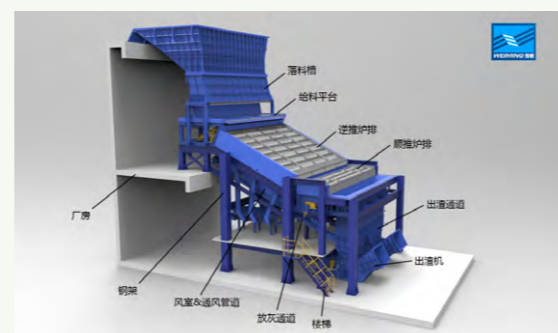
Intelligent supervision system

Equipment manufacturing sector

Weiming Environment Protection Equipment Co., LTD., a subsidiary of Weiming Environment, is a national high-tech enterprise and a provincial enterprise research institute of Zhejiang Province. It is also one of the largest-scale and technologically leading waste incineration equipment manufacturers in China. The main products of it are household waste incinerator, flue gas treatment system, automatic control system, high and low voltage electrical and other complete sets of waste treatment equipment. The products developed by it are used in Weiming's operated waste to energy project.

Reciprocating multi-row domestic waste incinerator

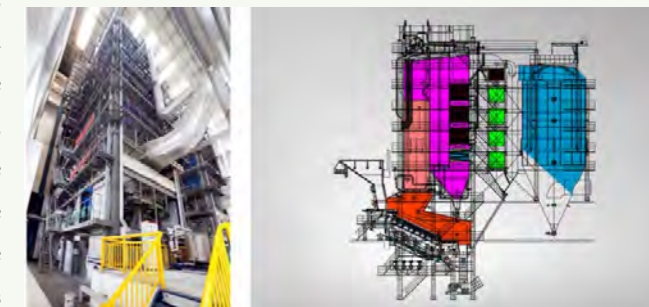
The "reciprocating multi-row domestic waste incinerator" developed by Weiming Environment has formed a full series of products ranging from 160 tons/day to 750 tons/day, and can be tailored according to the scale of the project. The "600 tons/day multi-series two-stage reciprocating domestic waste incinerator complete set of equipment" developed by the company has been awarded the "National Key New Product" certificate jointly issued by four national ministries and commissions. The household waste incineration grate is composed of the reverse push grate and the forward push grate. After the waste is basically burned out on the reverse push grate, it enters the forward push grate to continue to flip and burn, and the thermal reduction rate is less than 5%.



Weiming Environment protection reciprocating grate furnace

Waste incineration boiler

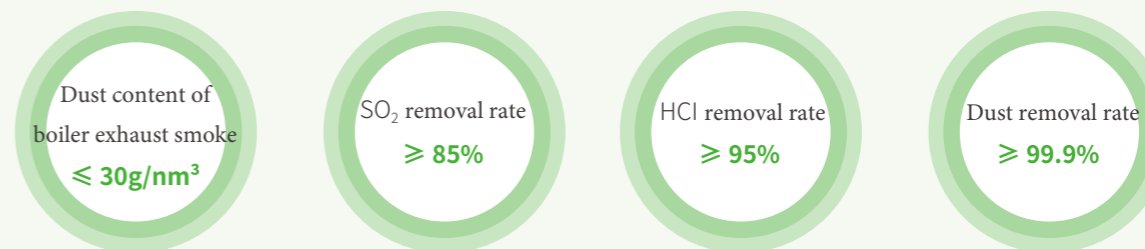
By integrating various advanced combustion processes at home and abroad and using independent core technologies, Weiming Environment has developed multi-series and multi-type waste incineration boilers according to the characteristics of different waste incineration projects, adapting to different urban waste fuel characteristics, climate conditions and regional characteristics. Among them, the innovative boiler types such as vertical, horizontal and π type developed by the company can meet the needs of various projects. By 2022, the company's boiler research and development has obtained 9 invention patents and 42 utility model patents, ranking at the forefront of the industry.



waste incineration boiler

Flue gas treatment system

The flue gas treatment system developed by Weiming Environment has absorbed advanced foreign technology and adopted the internationally advanced combination process of "SNCR denitrification+semi dry deacidification+activated carbon adsorption+bag dust removal+SCR denitrification+wet deacidification". The system is composed of SNCR denitration system, lime pulping system, spray drying absorption tower, rotary spray system, dry flue gas purification system, activated carbon injection device, bag filter, SCR denitration system and fly ash conveying system produced by the company itself.



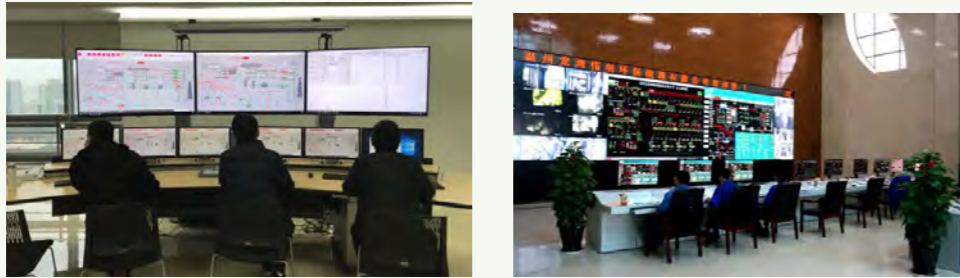
Dust collector and neutralization tower



Automatic control system, big data acquisition and monitoring system and electrical products

Weiming Environment has an automation control laboratory, which is specialized in software development, system design, complete programming and debugging of electronic equipment of control, engineering installation and technical services. The company adheres to independent research and development and independent innovation, and has established cooperative relations with internationally renowned automation companies ABB and GE. At present, the company's automatic control product line has covered the full range of automatic control fields of waste incineration power generation projects, including the whole plant DCS control system, ACCS grate control system, flue gas treatment system, water treatment system, plant level information monitoring system.

At the same time, the company has set up a big data collection and monitoring center, which adopts the self-developed SIS system, which can carry out "full coverage monitoring" for each operated project of Weiming Environment and collect the data to the company's management center in real time, to further improve the company's supervision information and technology level.



Big data acquisition and monitoring center, power plant DCS control system

Transport equipment

Anhui Shengyun Science and Technology Engineering Co., LTD. (that is Shengyun technology company), affiliated to Anhui Shengyun Environmental Protection (Group) Co., Ltd. that was recombined and invested by Weiming Environment, with capabilities and conditions to manufacture environmental protection equipment, specializing in new advanced conveying machinery and equipment, environmental protection equipment design, processing and manufacturing as well as waste incineration and waste to energy project. The main products cover ground belt conveyor, mine heavy conveyor, scraper conveyor, chain plate conveyor, bucket elevator, screw conveyor, large angle conveyor, pipe conveyor, air cushion conveyor, steel structure etc. The company combines its own and Shengyun technology company's characteristics in the field of environmental protection equipment, fully take advantages respectively, reduce costs and increase efficiency. Besides, Shengyun Technology company will try to gradually restore and develop new transportation equipment market with its years of precipitation and accumulation in the field of transportation business.



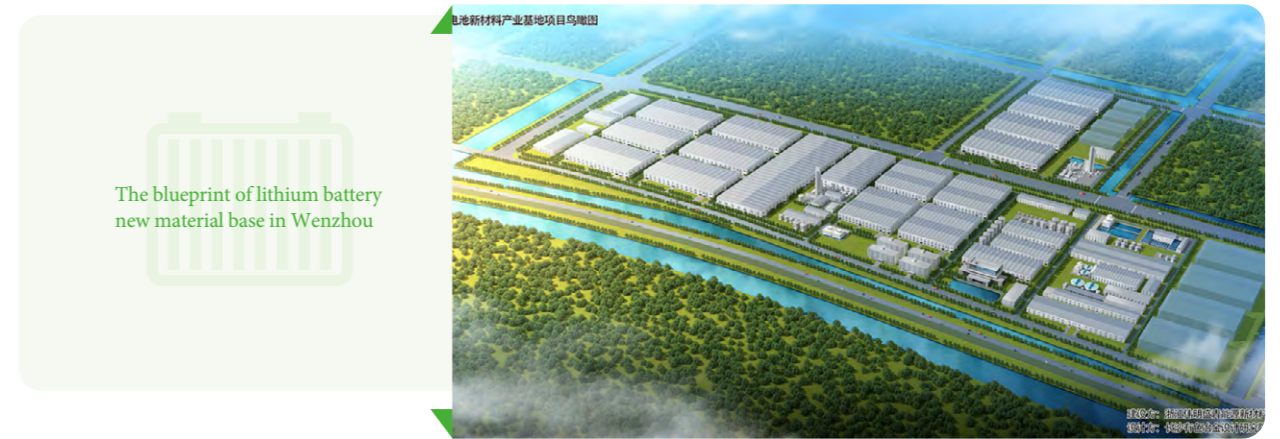
Conveying equipment, steel structure

New material sector

In 2022, Weiming Environment together with Merit International Capital Limited (hereinafter referred to as Merit Company), SUNWODA and GEM successively invested in three high nickel matte projects in Indonesia, with a total annual output of 130,000 tons of high nickel matte that contains nickel metal by the end of 2022. Thus, the company officially laid out the new energy field. At the same time, in order to achieve the industrial effect of connecting the upstream and downstream, the company actively planned the new material project in China, and established a joint venture Zhejiang Weiming Shengqing Energy and New Material Co., LTD., with TSINGSHAN HOLDING, CHENGTUN MINING, SUNWODA and other companies. The project uses high nickel mattes produced by Weiming Environment in Indonesia as the raw material to produce nickel sulfate, ternary precursor and triplets cathode. The production is expected to achieve an annual output of 200,000 tons of high nickel cathode material after the project is put into operation.



The ceremony of the signing of lithium battery new material industry base project in Wenzhou



The blueprint of lithium battery new material base in Wenzhou



The ceremony started construction of Jiaman new energy project in Indonesia

Putting green business first, promoting low-carbon transition

The company consistently follows various environmental regulations and learns from industry best practices to ensure that all environmental protection projects in production "run stably and meet emission standards". While focusing on the development of the company, the company also continuously improves the environmental management system, continuously reduces the impact of its operations on the environment, and actively responds to the challenges brought by climate change, taking the realization of environmental and social harmony and win-win as an important part of fulfilling its responsibilities.



Environmental management system

Weiming Environment strictly abides by the Environmental Protection Law, the Energy Conservation Law, the Law on the Prevention and Control of Environmental Pollution by Solid Waste, the Law on the Prevention and Control of Water Pollution and other laws and regulations. The company actively identifies environmental impacts related to its own production and operations, and carries out environmental system construction on the basis of ISO14001 environmental management system. By 2022, the company and nearly 30 subsidiaries such as Ouhai Company, Wenzhou Company and Cangnan Company have built an environmental management system and passed ISO14001:2015 environmental management system certification. During the reporting period, the company did not have any major environmental accidents.

The safety and environment concerning department is mainly responsible for safety, environmental protection and occupational health management at the company level. At the project operation level, the company implements general manager responsibility system and the principle of "whoever pollutes shall deal with". The general manager of the project company is the first person responsible for the company's environmental protection and is responsible for the overall environmental protection of the company. Each project company has a full-time environmental protection supervisor who is responsible for the implementation and supervision of special environmental protection work.



The certificate of Weiming's Environmental Management system

Responsibilities of the safety and environmental protection management concerning department



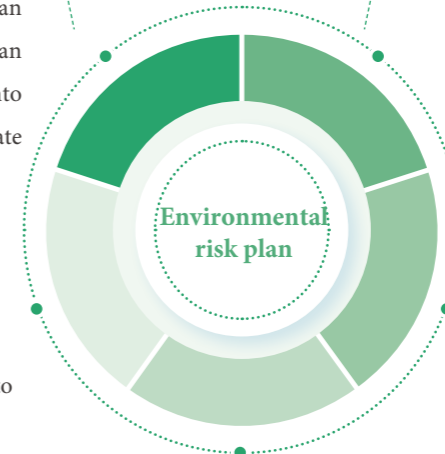
In addition, according to the "National Emergency Plan for Environmental Emergencies" and other relevant documents, the company prepares the "Measures for the Management of Production Safety accidents" and various safety accident emergency plans.

Develop contingency plan, programme and procedure

In order to ensure that accidents can be handled in an orderly manner after the occurrence of an accident, formulate an accident emergency plan and program before the project is put into operation, so as to prepare for the appropriate response after the accident.

Set up an accident emergency rescue team

Company's main persons who are in charge of production, safety, environmental protection, security and other departments are recognized to form an accident emergency rescue team, including command rescue team, medical emergency team, contact group, logistics support group, etc. In case of an accident, the rescue team timely routine its corresponding responsibilities to deal with the accident.



Complete the necessary emergency contact list and layout

Including internal emergency personnel responsibilities, names, telephone list, external contact telephone, personnel, telephone, unit location, regional and surrounding relationship diagram, unit major hazard distribution diagram, plant and surrounding personnel evacuation route, emergency facilities (equipment) layout diagram.

Emergency isolation and evacuation measures

In the event of an emergency, timely alarm, emergency isolation of dangerous goods, cut off power, evacuation of people, rescue victims.

Regularly hold emergency training and exercises

Formulate an environmental risk emergency training plan, and make clear the content, scope and frequency of the exercise and training of the plant emergency plan.

Year 2022

Conducted **170** environmental emergency drills

Cover **3,491** person time

In 2022, the company carried out various emergency drills and environmental protection training, including on-site standardized management training of hazardous waste, emergency drills of smoke exceeding standards, emergency drills of leachate pipeline leakage, emergency drills of hazardous waste leakage, and overflow drills of desilting tank, etc., which was good for employees' emergency capabilities and reduced the potential harm that sudden environmental events may cause to the environment.



simulation drills of desilting tank overflow



Environmental awareness training to staff

Reduce impact on environment

In order to help achieve the national goal of "carbon peak and carbon neutrality", the company strives to improve energy management and energy efficiency through management and technical means, optimize resource use, reduce greenhouse gas emissions, and strive to reduce the negative environmental impact caused by production and operation.

Resource and energy management

- The resource that the company uses is fuel oil; The energy consumed is purchased electricity, which is used in the production and operation of the company. The daily energy consumption of the company's affiliated waste incineration power plant is mainly generated from the waste to energy project, and the self-sufficiency rate reaches more than 95%.

Disclosure items	Units	Year 2021	Year 2022
Fuel oil	ton	3,628.86	3,821.04
Purchased electricity	kwh	6,730,397	13,996,140

Note: Above shows the use of project companies that under operation

During the reporting period, the increase in energy use was mainly caused by the company's new environmental management projects.

Water resources management

- The water resources used by the company in the process of production and operation are from municipal purchased water, surface water, groundwater, as well as recycled water and reclaimed water. In response to the call of the state to establish a water-saving society, Weiming Environment attaches great importance to the secondary utilization of water resources, according to the actual production and operation, tailor-made water resources recycling and reuse programs to achieve efficient use, conservation and protection of water resources. The company recycles the cooling water, salt water and other production water used in the treatment process, and also recycles the leachate sewage after treatment to the maximum extent, effectively reducing the consumption of water resources.

Disclosure items	Units	Year 2020	Year 2021	Year 2022
Municipal water purchased	Cubic meters	2,902,941	3,946,328	4,397,966
Surface water usage	Cubic meters	3,901,794	4,046,671	5,020,231
Groundwater usage	Cubic meters	544,362	739,421	694,267
Total amount of recycled /reclaimed water	Cubic meters	436,761	643,360	685,215

Note: Above diagram illustrates the use of project companies that under operation

During the reporting period, the increase in water resources use was mainly caused by the Company's new environmental management projects.

In 2022, Weiming Environment actively participated in the application of water-saving enterprises. Seven subsidiaries of Weiming Environment, including Wenzhou Longwan Weiming, Wencheng Weiming and Cangnan Yucang Weiming, were awarded the title of 2022 Zhejiang Water-saving Enterprise, and Linjiang Waste to Energy Plant was awarded the title of "Zhejiang Water-saving Benchmark Enterprise". These awards are full affirmation of the company's water-saving technology and employees' water-saving consciousness.



Linjiang Power Plant won the "Zhejiang Water Saving Benchmarking Enterprise"

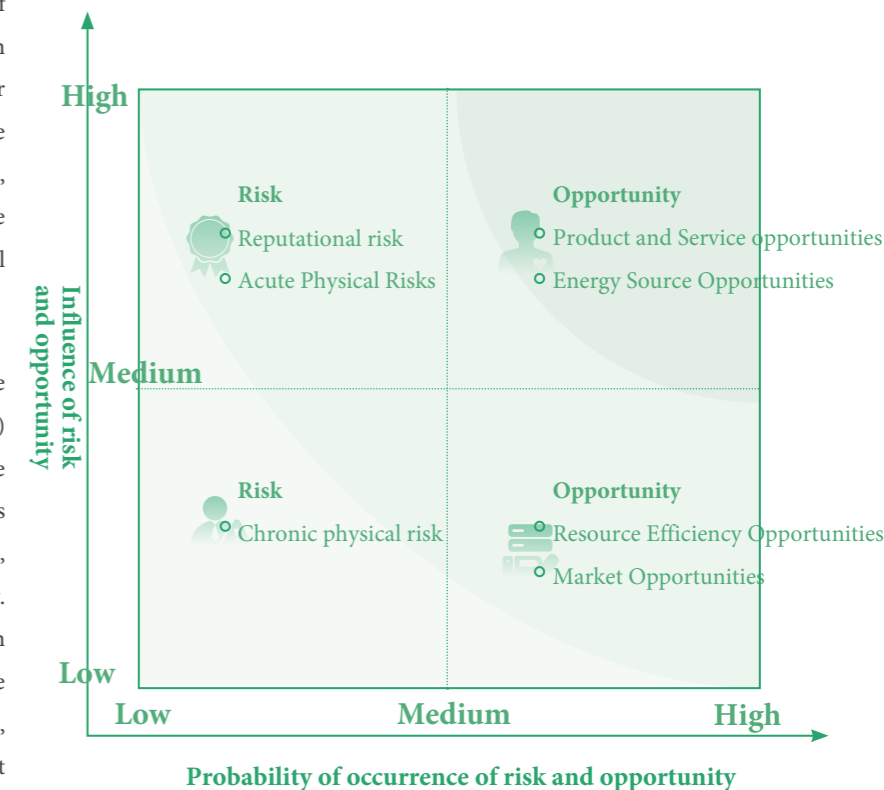


Yongkang Power Plant won the "Zhejiang Province Water-saving Enterprise" medal

Response to climate change

Waste to energy is one of the important contents of "carbon neutrality", and the environmental protection industry has the characteristics of natural circular economy and sustainable development. Through the operation mode of waste recycling and power generation, the company helps the whole society to reduce greenhouse gas emissions and implement the national double carbon target.

In 2022, the company for the first time referred to the Climate Information Disclosure Working Group (TCFD) framework to conduct top-down management of climate change issues. The management of the company assumes the overall responsibility for climate change issues, leading and guiding the climate change response strategy. At the same time, the environmental protection concerning departments actively carried out the identification and ranking of important climate issues, based on the company's business development and expert opinions, the company identified and analyzed the potential impact of climate risks and opportunities on the company, and planned to include climate change risk management as part of the overall operational risk management.



Climate risk and opportunity matrix

Types of climate risk/
opportunity

Descriptions and
responses



Reputational Risk

- A company's performance in responding to climate change issues is subject to stakeholder concern, and failure to take proactive action to meet stakeholder expectations may affect the company's reputation.
- In addition to taking positive actions, the Company will openly and transparently disclose to stakeholders its current actions and future plans to address climate change.



Acute Physical Risk

- Climate change may lead to acute physical risks such as typhoons, floods and droughts. Once such events occur, there will be a large impact on the company's operation, but the probability of occurrence is low.
- The company continues to improve its ability to withstand extreme weather events such as tornadoes or floods, establish emergency management mechanisms, and carry out environmental emergency simulation drills to reduce the impact of extreme environmental events on the company.



Chronic Physical Risk

- Long-term shifts in natural patterns, such as rising sea levels and prolonged heat, may affect the company's normal operations; on the other hand, with the gradual deterioration of the climate, the increasing probability of climate disasters may affect the market valuation of some customers/investment targets (e.g., agriculture, forestry, animal husbandry, fisheries).
- The company will continue to improve its ability to withstand chronic climate risks such as sea level rise, and establish a risk management and control mechanism to continuously follow up on possible threats posed by climate change to the company's operations and reduce the impact of environmental change on the company.



Product and Service Opportunity

- In the context of the transition to a low-carbon economy, the social demand for low-carbon products and services may increase.
- As a professional enterprise in the field of waste incineration and solid waste treatment, the company has inherent advantages.



Energy Source Opportunity

- To meet global carbon reduction targets, renewable energy applications are becoming more widespread. With the development and innovation of green technologies, the accessibility and price of renewable energy is gradually increasing.
- The company uses waste incineration to generate heat to generate electricity, replacing the equivalent amount of electricity generated by the coal-based power grid, thereby reducing greenhouse gas emissions.



Resource Efficiency Opportunity

- More efficient use of energy, water, materials and other resources in production and operations will make a positive contribution to global carbon reduction.
- The company will continue to improve the efficiency of resource use in the production and operation process, and carry out measures such as water resources management and material management to reduce resource consumption.



Market Opportunity

- In the context of carbon neutrality, consumer preferences and consumption behaviors in local markets may change, with consumers preferring climate-friendly products and services.
- The company is committed to insight into market demand, accelerate innovation, and provide first-class solutions and services to the market.

By 2022, the company has four waste incineration and operation projects registered with the United Nations as clean development (CDM) projects, becoming one of the few waste incineration treatment enterprises in China that have registered multiple CDM projects with the United Nations. At the same time, the company also has a number of national certified voluntary emission reduction (CCER) projects under application filing process in the National Development and Reform Commission.

Strengthening pollution prevention and control

Weiming Environment strictly abides by the Air Pollution Prevention and Control Law, the Solid Waste Pollution Prevention and Control Law, the Water Pollution Prevention and Control Law and other laws and regulations, and carries out the pollution management work in an orderly manner. For the malodorous gas, waste water, flue gas, dioxins, slag and fly ash produced in the process of production and operation, the company has formulated an effective internal management system, monitored various emission indicators according to national and regional emission standards, carried out strict emission management, and formulated environmental self-monitoring programs to ensure compliance with treatment and discharge.

• Malodorous gas treatment

Malodorous gas is mainly produced from discharge platforms and refuse storage tanks. The company adopts indoor discharge platform to prevent the odor from leaking out; The platform is equipped with an entrance and exit, which are equipped with sealed doors and air curtains to prevent the spread of odor. The upper part of the waste storage pond is provided with an intake tuyere for the primary fan of the incinerator. The fan extracts air from the waste storage tank and uses it as the combustion-supporting air for the incinerator, which can maintain the micro negative pressure in the discharge platform and the waste storage tank and prevent the odor from spilling out of the tank.

• Waste water treatment

The wastewater generated by the company mainly includes the wastewater from the flushing discharge platform, the landfill leachate collected by the garbage pit and other wastewater generated during the waste incineration process. The company adopts the treatment process of "anaerobic + membrane biochemical reactor" or "anaerobic + membrane biochemical reactor + nanofiltration or reverse osmosis". Leachate being treated through anaerobic reaction, the macromolecular organic matter, difficult to degrade organic matter is degraded into small molecules and easy to degrade organic matter, and then into the membrane biochemical reaction system. The system includes denitrification system, nitrification system and ultrafiltration system. The landfill leachate can be put into the municipal sewage treatment plant for centralized treatment or direct recycling after the above-mentioned process is treated to meet the standards.





• Flue gas treatment

Weiming Environment mainly uses the combination of "SNCR denitrification + semi-dry dry deacidification + activated carbon adsorption + bag dust removal +SCR denitrification + wet deacidification" flue gas purification process to remove particles, nitrogen oxides, acidic gases in the flue gas, greatly improving the denitrification efficiency.



External denitrification equipment of Kunshan Project

• Dioxins disposal measures

 <p>The furnace outlet temperature of the waste incinerator is strictly controlled above 850 degrees, and the residence time of the flue gas is more than 2 seconds, so that the organic chlorides easy to generate dioxins can be completely burned, or the generated dioxins can be decomposed.</p>	 <p>By increasing the cooling temperature gradient of the flue gas, the ultra-fast cooling of the flue gas can be achieved.</p>	 <p>The semi-dry reactor adopts atomizing nozzle technology to achieve rapid cooling of flue gas.</p>	 <p>The exhaust gas after the furnace in the cooling process through the use of advanced flue gas purification technology, adsorption has not been decomposed and resynthesized dioxin, and then through quantitative activated carbon spray and cloth bag dust, effectively remove dioxin and other harmful substances.</p>
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• Solid waste treatment

The solid waste generated by the company in its daily operations is mainly fly ash and slag. In order to reasonably dispose of solid waste, the Company collects, stores, transport and dispose of it respectively, and formulates the "Solid Waste Management Standards" to guide related work to ensure that all solid waste is timely and properly disposed.

Identification of waste	Disposal method
<p>Slag from incineration</p>	<ul style="list-style-type: none"> The company mainly adopts the treatment method of resource utilization, and establishes cooperation with external slag processing plants, and the outsourcing unit accepts the slag for cleaning and reuse production. The slag storage area is equipped with anti-seepage measures to ensure that the heat burn reduction rate of the slag is less than 5%.
<p>Fly ash from incineration</p>	<ul style="list-style-type: none"> The company mainly adopts the method of "cement chelating agent curing + landfill" to deal with fly ash, and after the treatment reaches the "domestic waste Landfill Pollution Control Standard" (GB16889-2008) standard, the transport unit with the corresponding transportation capacity is responsible for transporting to the landfill for landfill. Fly ash that has not been cured for disposal is regarded as hazardous waste and be disposed of according to the requirements of hazardous solid waste disposal.

• Noise prevention and control

The noise in the company's factory mainly comes from some large rotating machinery, the exhaust steam of the boiler when it is raised and stopped, and the exhaust steam of the safety door, as well as the leakage of steam from high-pressure soda pipes and valves. In strict accordance with the "Industrial Enterprise boundary Environmental noise emission Standards" (GB12348-2008), the company monitors the noise and key noise sources in the factory boundary, factory area and living area. At the same time, the company mainly adopts shock absorption, noise reduction, sound insulation, afforestation and other noise reduction measures to ensure noise emission standards.

• Environmental monitoring

The company's operating projects have been installed automatic continuous online monitoring devices, through the display board to show the public in real time carbon monoxide, particulate matter, sulfur dioxide, nitrogen oxides, hydrogen chloride and other flue gas related data, monitoring data also real-time transmission to the local environmental supervision department, accept the supervision of the public. At the same time, the company's headquarters has built a big data collection and monitoring system (SIS system) to realize the "health examination" and "full coverage monitoring" of Weiming Environment's various operating projects, and realize the effective supervision of the project with big data and technology.

System composition

SIS system is composed of three functional modules: "production process monitoring", "alarm warning" and "assessment management".

Risk warning

When the system detects that the data is abnormal, it automatically opens the alarm and early warning function, and automatically pushes information to the relevant person in charge in real time.

Real-time monitoring

The entire production flow chart of each operation project is displayed on the central control screen, and the production indicators are listed one by one.

Data summary

At the same time, the system can also analyze various production assessment indicators, real-time data summary, analysis, scoring, grading early warning, problem diagnosis and other intelligent assessment management, to help the company, for all kinds of risks, early detection, early intervention, early treatment, early resolution.

The company headquarter's big data acquisition and monitoring system (SIS system)

Practice green operations

Weiming Environment actively carries out various environmental protection theme practice activities, organizes internal employees and external stakeholders to participate in environmental protection activities, enhances ecological and environmental protection awareness, enhances the interconnection of environmental protection measures and daily life, and fully implements the concept of green, low-carbon and environmental protection.

• Green Office

The company adheres to the implementation of green office, reduces the impact of office on the environment from the aspects of office and daily necessities, household waste disposal, etc., and actively organizes employees to participate in environmental protection activities such as voluntary tree planting.

Office supplies management

Statistics and monitoring the use of office and daily necessities, advocate using economically. Try to use electronic documents, Office Application software, reduce the use of paper; Use double-sided copy of office paper.

Green office environment

Subsidiaries of waste to energy plants are powered by their own. Advocate turning off the lights and set the air conditioning at a constant temperature to reduce electricity and coolant consumption in working area.

Household waste disposal

Establish garbage classification system, advocate bringing cups to meetings, reduce plastic waste generation. Establish a recycling mechanism for printer cartridges to prevent environment pollution due to improper disposal.

Green office initiatives



Wencheng Waste to Energy Plant carries out Arbor Day activities

• Environmental education

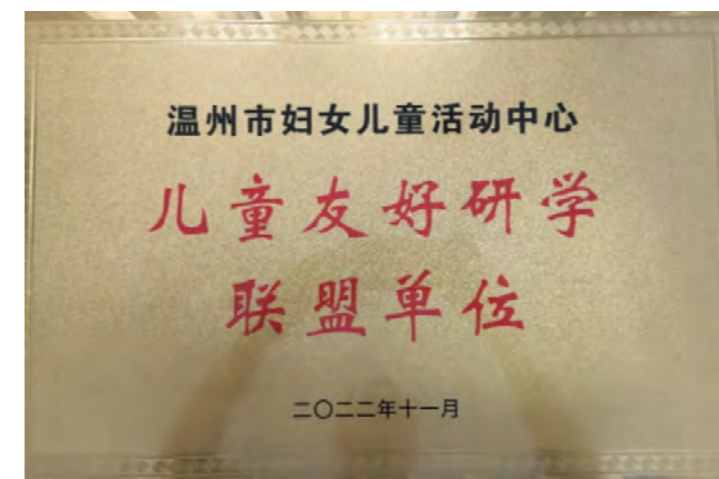
Weiming Environment attaches great importance to the work of environmental science popularization and education, and regards environmental protection education as an indispensable part of the company's social responsibility. At present, the company has a number of projects such as Linjiang Phase II Project, Yongqiang Phase II Project, Jiashan Phase I Project, Yuhuan Phase I Project, Linhai Phase I Project, Jieshou Project and Yongkang Project that have been listed as open units of environmental protection facilities, carry out environmental protection Open Day activities from time to time, and take the initiative to spread environmental protection knowledge for local citizens and students. Using its own environmental protection professional advantages and environmental protection facilities resources, to create a consistent concept and unique education base, and continue to spread the concept of environmental protection.

Case Actively participate in garbage classification, everyone is a pioneer in environmental sanitation

In October 2022, Pingyang County Comprehensive Administrative Law Enforcement Bureau joined hands with 20 groups of families to enter the Weiming Pingyang Kitchen Project to conduct research activities on the theme of garbage classification. During the visit, the docents led the people to visit the processing line of the production workshop and the central control room, and introduced the process flow of food and kitchen waste treatment and basic knowledge of garbage classification. This activity fully make the participants realize that food and kitchen waste can be converted into renewable resources, not only to ensure food safety, but also to promote green environmental protection and sustainable development of an indispensable force.



Case Joint research alliance to spread the concept of environmental protection



Yongqiang Waste to Energy Plant affiliated to Weiming Environment actively responded to the call of Wenzhou Women's and Children's Activity Center, and cooperated with 17 units such as Wenzhou Student Practice School and Wenzhou Revolutionary Martyrs Memorial Hall to build a research alliance. This alliance takes education as the initial intention and feelings of research, takes public welfare as the basic principle, integrates existing resources, and regularly carries out various forms of exchange activities. Yongqiang Power Plant carries out environmental science education activities on waste incineration treatment, so that children can clearly understand how to "turn waste into treasure", further popularize environmental knowledge, spread the concept of environmental protection, promote ecological civilization, and improve children's environmental awareness and consciousness to participate in environmental protection.

Energizing the workplace and boosting growth

Weiming Environment regards employees as an important asset of the company, and always regards the development of employees as an important basis for the development of the company. The company adheres to "people-oriented", cares for employees, respects employees' rights, and effectively protects and ensure the legitimate rights and interests of each staff in employment, salary and welfare. At the same time, the company actively provides every employee with a platform for growth and development, diversified and flexible training system, sound and perfect health protection and friendly and harmonious working environment, to ensure that every Weiming employee can realize self-value in a relax and pleasant atmosphere.



Employee occupational health

Weiming Environment always regards employee health and safety as the top priority in management work, and it is the company's inescapable responsibility and obligation to create a healthy and safe working environment for employees. The company has established a sound occupational health and safety management system, and strives to practice the goal of "zero accidents" in safety production on the basis of strengthening safety red line management. It is committed to becoming a benchmark enterprise of safety in the industry.

The board of directors and management of the company attach great importance to the company's safety and environmental protection work, set up safety and environmental protection concerning departments to coordinate and organize the company's environment, safety, occupational health (EHS) management, responsible for unified leadership of the company's safety work, research and decision on the company's safety production of major issues, key work and corresponding measures. No major or above production safety accidents occurred during the reporting period.

•Occupational health and safety management structure of Weiming Environment

Weiming Environment regards "safety first" as the primary concept of safety production, continue to optimize and improve the occupational health and safety management system. The company strictly implements the "Safety Production Law", "Occupational Disease Prevention and Control Law" and "Production Safety Accident Emergency Plan Management Measures" and the relevant laws and regulations of the place of operation. In combination with its own operation, the company has formulated safety management rules and regulations such as "Special Equipment Safety Supervision Regulations", "Safety training management Measures", "Electric Power Safety Accident Emergency Treatment and investigation and Handling Regulations", "Safety signs and Guidelines for their use" and other company safety management measures to strengthen the occupational health and safety management measures for all employees. In order to ensure the occupational health of every employee, the main subsidiaries of Weiming Environment have passed the ISO 45001 occupational health and safety management system to ensure that the rights and interests of employees' health and safety are not infringed.



Occupational health and safety management system certification of Weiming Environment

•Health and safety training and exercise

Weiming Environment attaches great importance to the improvement of health and safety knowledge and skills of every employee. In order to improve the emergency response ability and accident prevention ability of employees, the company insists on organizing employees to participate in safety training, competitions and exercises. During the reporting period, the company and its related holding subsidiaries participated in safety training for 3,491 person time, and the coverage rate of safety training reached more than 90%.

Case Mengyin Waste to Energy Plant held publicity activity of Safety Production Month

June 2022 is the 21st National Safety Month. In order to better learn and implement the spirit of the document of "Safety Production Month", on June 7, Mengyin Waste to Energy Plant affiliated to Weiming Environment carried out publicity activities for safety production month that focus on the theme of "Abide by the safety production Law and be the first responsible person", and all employees signed on the banner of Safety Month to respond to the call of safety production. Through this activity, the project company has established the idea of "safety responsibility is heavier than Mount Tai", and always tightens the string of safety production, so that the significance of the activities of safety month goes deep into the hearts of each employee.



Weiming Environment is committed to optimizing the emergency plan management system to ensure that the company's safety production is not affected. The company regularly holds the fire fighting equipment and facilities management promotion meeting, formulates and strictly implements the functional testing and exam plan every year, and ensures the full completion of the annual functional testing and exam. Each subordinate company carries out all kinds of emergency plan combat exercises every year as planned, covering all aspects of fire protection, production safety, etc. By taking various themed exercises to ensure employees' emergency response ability of various disasters or emergency events continues to be improved.

Case Dongyang Waste to Energy Plant carried out fire fighting safety training in the first half year

In order to enhance employees' fire fighting awareness, master fire safety knowledge, and improve fire prevention and emergency handling ability, on May 5, 2022, Dongyang Waste to Energy Plant affiliated to Weiming Environment organized a fire safety training in the Biotechnology conference room. The training mainly explained the characteristics, hazards, fighting methods and tools of fire cases, and emphasized the importance of improving inspection and elimination of fire hazards, fighting the initial fire, and organizing personnel evacuation. By irregular training, the employees continue to improve their awareness of prevention, so as to reach "prevention first, combination of prevention and elimination".



•Occupational disease prevention

Weiming Environment prevents the risk of occupational diseases and ensures the occupational health of employees through system norms, scientific management, daily protection, training and education. Through the establishment of the company's occupational disease prevention and control publicity, education and training system, employees' occupational health monitoring and file management system, occupational disease hazard accident disposal and reporting system, as well as the operating procedures of occupational health in dust positions, occupational health in toxic and harmful gas positions, etc. to define the scope and workflow of hazard. In addition, the company regularly carries out occupational health risk warning and notification, routine inspection, equips employees with appropriate labor insurance supplies, and effectively prevents risks from occupation.

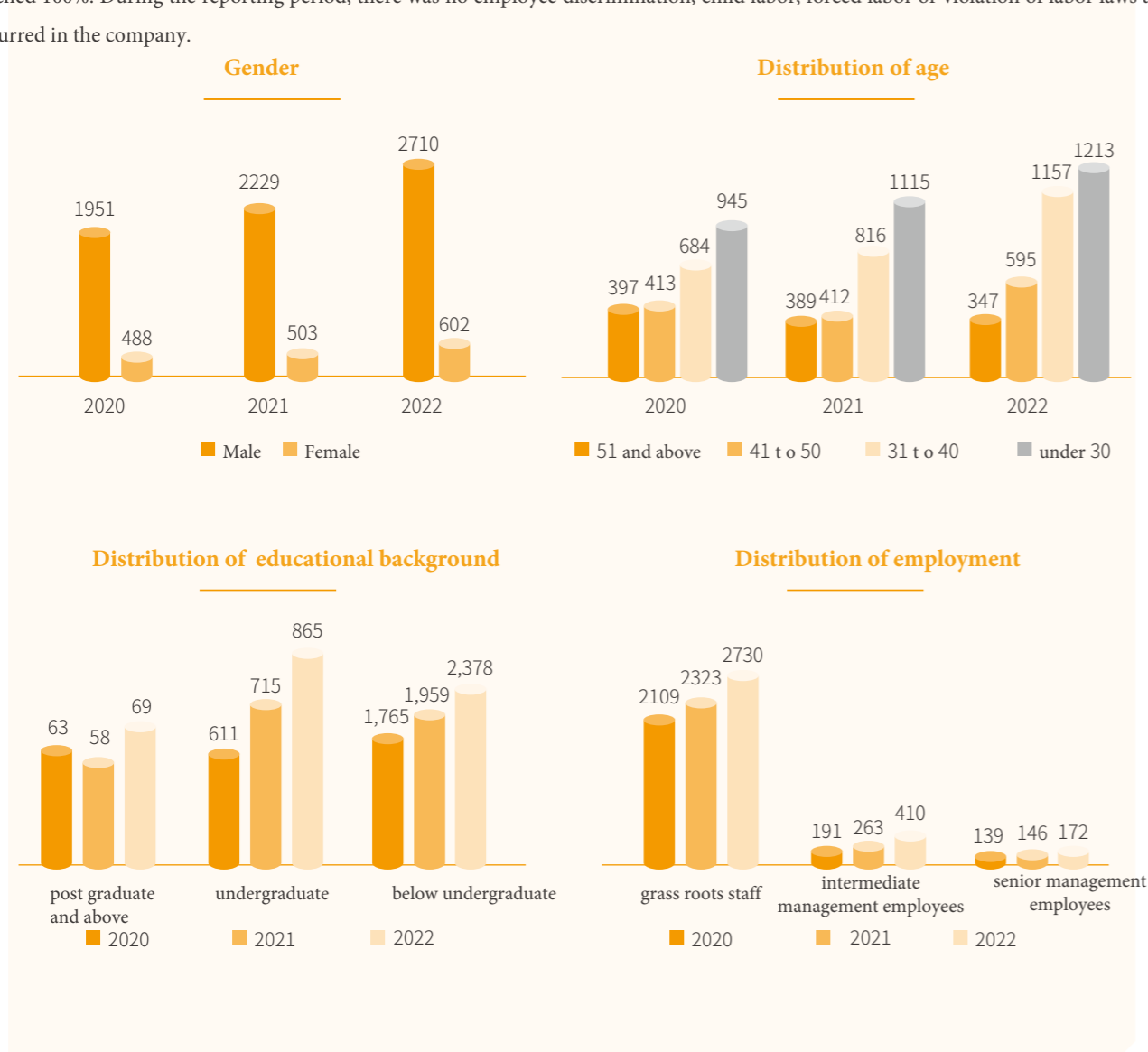
Case Jieshou Waste to Energy Plant carried out activity of Publicity Week

April 25, 2022 was the 20th publicity week of the Law on Prevention and Control of Occupational Diseases nationwide. In order to respond to the publicity week activities and further publicize and implement the Law on the Prevention and Control of Occupational Diseases, Jieshou Waste to Energy Plant actively organized and carried out the publicity week of the Law on the Prevention and Control of Occupational Diseases. By pannels exhibition, hanging banners, electronic screen display, and watching online public publicity class held by Fuyang Health Committee, Jieshou Waste to Energy Plan publicized and popularized occupational health knowledge to employees, so that employees understood occupational disease hazards and prevention methods. The activity thoroughly implemented the purpose of "people first, life first, all for the health of workers" , to further protect the occupational health rights of the company's employees.

Employee employment

Weiming Environment adheres to the idea of "people-oriented", the company strictly follows the Labor Law, the Labor Contract Law and other related laws and regulations, treats every employee equally, does not discriminate in terms of gender, religion, ethnicity, professional background, respects the diversity of employees, enhances employees' sense of identity, belonging and loyalty to the company, and allows employees to grow and develop together with the company.

The company adheres to the recruitment principle of "selecting the better, put quality before quantity" in the recruitment of employees. The hiring of employees must meet the needs of the actual work, meet the standards of abiding by the law, integrity and ability, and achieve the recruitment process of "open, fair and justice". Besides, in order to solve the local employment problem, the company recruits local surrounding personnel for auxiliary post as far as possible. In 2022, the human resources department of the company considered the development of each project company and formed a management mode for each sector, optimized the personnel management system of the project company, and promoted the standardized development of the company's personnel construction. In 2022, both the rate of labor contract signing and the rate of social insurance payment reached 100%. During the reporting period, there was no employee discrimination, child labor, forced labor or violation of labor laws and regulations occurred in the company.



Employee rights and interests

Weiming Environment encourages employees to participate in company management through communication to enhance their sense of belonging and identity to the company. The company sets up employee suggestion box to support employees to put forward relevant opinions and suggestions in the aspects of company management, technological transformation, life logistics, entertainment activities, etc. The human resource department collects and reads the letters in the opinion box every week, and formulates the processing process of employee opinions and suggestions, and gives timely replies to various opinions and suggestions. If an employee needs the company to help solve the problem, the employee can contact the supervisor of the department in time, and the supervisor will communicate and investigate in a timely way to provide supports; If the department cannot solve the problem, it can be reported to the general office after approval by the department supervisor in written. If the employee has a claim for unfair treatment and the human resource department cannot solve it, the employee can directly complain to the mailbox of the president.

Employee development and training

Weiming Environment firmly believes that employees are the greatest wealth of the company, pays close attention to the development of talents and the construction of knowledge system, provides rich training resources for employees, and continuously transfers professional talents for the steady development of the company.



- **Assessment and promotion**

The company has established a sound staff assessment and promotion management system, following the principle of "objective and fair", regularly conducts promotion assessment for all employees, and promotes staff levels according to the assessment results to promote their career development. In the company, the development path of each occupation category and rank is public and transparent. In 2022, according to the current business development needs, the company has adjusted the existing organizational structure to make its job division and work flow more reasonable. In order to adapt to the new organizational system, it has also comprehensively optimized the human resource management system. According to the different job nature of the headquarters and subsidiaries, there are corresponding career development paths and promotion channels.

- **Ability training**

Adhering to the training goal of "building a high-quality workforce, establishing a talent echelon, meeting the needs of the company in different periods and providing development assistance", Weiming Environment has built a complete staff training system and created a rich, flexible and diversified training course platform to help employees develop their careers and maximize their potential. In order to meet the personal situation and interests of employees, more targeted training opportunities are provided, the company formulates training plans, and regularly carries out professional skills, management ability, innovation ability and industry requirements and other special training.



Management method of staff characteristic

Actively carry out rotation training of management cadres, the object of rotation training is mainly the members of the manager's office of each subsidiary company, excellent department managers, duty chiefs, etc. Staff who take part in the rotating training learn how to operate, how to manage, how to formulate project budget and assessment system, and interspersed with the company culture, financial analysis, internal audit process and other aspects of learning, through which employees are improved comprehensive ability.

Training topics	Trainees	Frequency
Headquarter		
Rotation course for middle and senior management cadres	Company leaders, head office staff and above	Non-scheduled
Training course for new graduates	New graduates	Half a year
Hr business training	Human resource concerning personnel	Half a year
Doctor station personnel training		every year
Corporate culture induction training for new employees	New employees	every month
Subsidiary		
Electrical alarm system training	Each operational department	January
Main transformer failure accident rehearsal	Each operational department	February
Line failure accident rehearsal	Each operational department	March
Drill of thunderstorm season anti-accident	Each operational department	April
fire fighting training and rehearsal in Safety Month	Some operational department	May
Safety study	Each operational department	June
Drill of plant power lost fault	Each operational department	July
Turbine oil system training	Each operational department	August
Leachate spill rehearsal	Some operational department	September
Wastewater treatment process training	Sewage station and each operational department	October
Cold weather accident preview	Each operational department	November
Winter fire fighting training	Firefighters, etc.	December

Training plan for Weiming Environment Headquarters and some subsidiaries in 2022 (part)

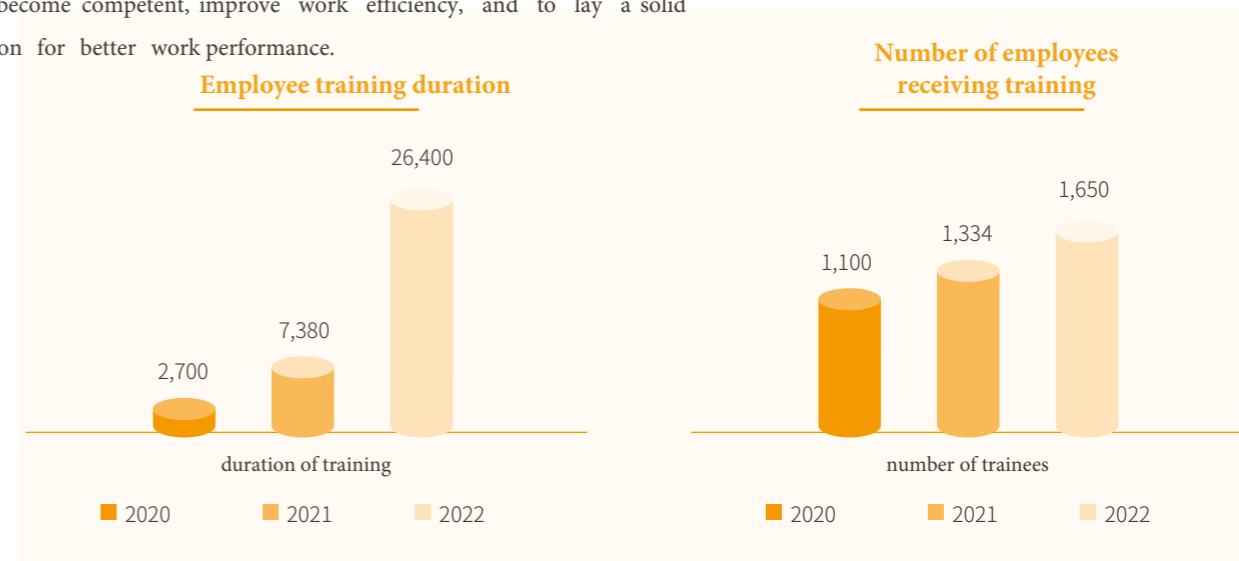
Case Solid waste management concerning departments held professional knowledge training of waste incineration boiler in Jieshou Waste to Energy Plant

In order to further improve the theoretical basis and practical level of the company's employees in waste to energy plant, optimize the work details, and improve work efficiency, in March 2022, one of the chief engineers of the solid waste management concerning departments of the headquarter and his team conducted professional knowledge training regarding waste incineration boiler for operators in waste to energy plant. The training mainly focused on interpretation from the overview of waste incineration boilers, the impact of waste calorific value changes on incinerators and technical measures to solve. The training had strong guidance and operability, and staff's ability of professional theoretical knowledge and practical ability were effectively improved, which further enhanced the foundation of the plant in terms of safety, stability, economy and efficiency of operation.



Case Yuhuan Waste to Energy Plant carried out centralized training for new employees

In September 2022, in order to promote new employees to enter the new working and living environment as soon as possible, and successfully complete the role transformation from college students to new employees in the workplace, the subsidiaries of Weiming Environment launched a series of centralized training activities for new employees. Yuhuan Waste to Energy Plant tailor-made special training courses for new employees, including corporate culture, management system, safe production, domestic waste incineration power generation process, kitchen project process and mentor-apprentice training agreement signing. The purpose of this training was to enable the new employees of the power plant to quickly become competent, improve work efficiency, and to lay a solid foundation for better work performance.



Employee welfare

• Compensation and welfare

To build a "externally competitive, internally fair" salary system is the direction of Weiming Environment. The company strictly follows the local laws, regulations and policies, and builds a salary management standard system in line with the actual situation of Weiming Environment, to ensure that every employee gets a competitive salary, so that employees can get due return for their labor achievements. Weiming Environment adhere to the "standardized assessment, precise incentive" principle of salary distribution, the company's assessment is divided into annual assessment and daily assessment. The year-end bonus is calculated and issued according to the annual benefit and assessment results. Adhere to the principle of equal pay for equal work between men and women, advocate the evaluation results of salary distribution linked to ranks, and employees enjoy a standardized and reasonable salary adjustment mechanism. Adjustment of payment referred to rank promotion, education promotion, general salary adjustment and other channels.

The salary of the company's employees is composed of post salary, bonus, welfare and other rewards. Post salary includes basic salary, post performance, overtime salary and post subsidy. The company's salary adjustment is generally divided into annual salary adjustment (need to be combined with employee assessment), salary adjustment of fresh graduates, salary adjustment of educational background and title, rank, post change and salary adjustment.

Weiming Environment is committed to building a highly cohesive and belonging staff team. In order to stimulate employees' enthusiasm for work, the company has developed a competitive multi-level welfare system. In strict compliance with relevant laws and regulations, the company not only ensures that employees pay all kinds of national legal benefits such as social insurance on time and in full, but also provides paid leave, marriage leave, maternity leave and other holidays. Based on the basic principle of respecting women, the company is committed to reducing the income gap between male and female employees.



• Employee care

Weiming Environment knows that a harmonious and friendly working atmosphere is an important cornerstone to improve the cohesion of the company and enhance the happiness of employees. The company is committed to creating a sincere, united, open and enterprising organizational atmosphere, pay attention to the needs of employees, help employees relieve work pressure, let employees feel the warmth and care of the company at work, and enhance the sense of happiness and gain of employees.

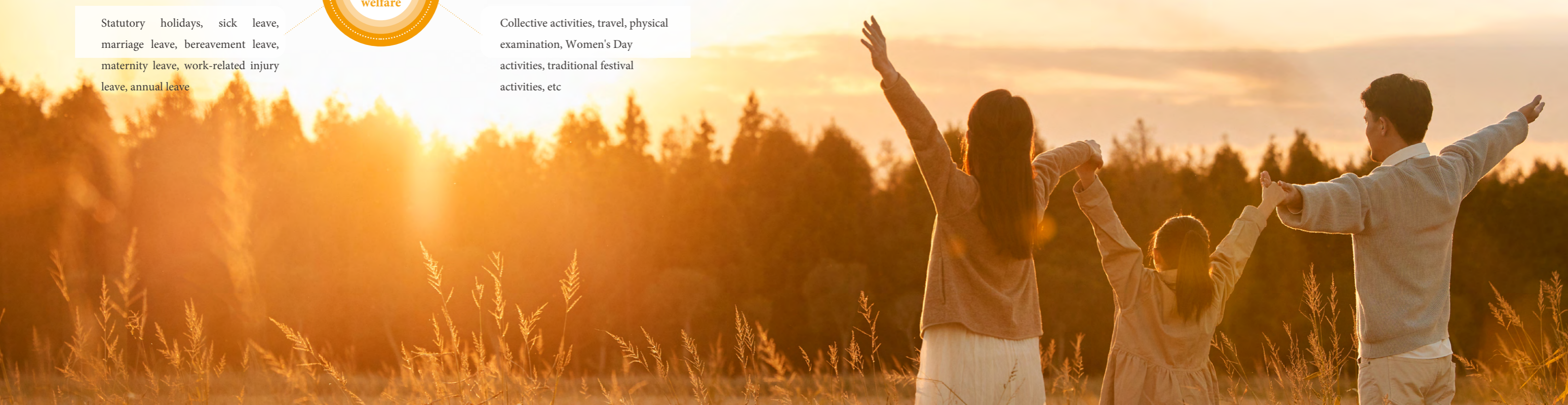
Case Guessing lantern riddles activity on Lantern Festival

In order to add to the festive atmosphere of the Lantern Festival, the Linhai Waste to Energy Plant, a subsidiary of Weiming Environment, held the "Lantern Festival and Lantern riddles" activity on February 14, 2022.



Case Wuyuan Waste to Energy Plant organized a hiking outing

A year's plan begins in spring. In order to improve the physical fitness of employees, enhance the cohesion of the staff and the sense of collective honor, in March 2022, Wuyuan Waste to Energy Plant, a subsidiary of Weiming Environment, organized employees to go to Yiling Mountain outing.



Together through thick and thin, build a harmonious society

Weiming Environment adheres to the core values of coordinated social development, adheres to fulfilling social responsibilities, and uses resources for social needs, so as to achieve harmonious development of economic and social benefits. Weiming Environment actively carries out strategic cooperation with leading enterprises inside and outside the industry, while practicing green procurement, and establishes friendly and long-term cooperative relations with excellent suppliers. At the same time, the company spare no effort to invest resources and people to promote the progress of the communities around each company, while bringing significant economic benefits to the local area, and strive to promote the local sustainable development.



Mutual benefit and mutual progress, practice industry cooperation

Actively participate in industry cooperation

Weiming Environment actively participates in industry cooperation, promotes inter-industry exchanges, takes the initiative to discuss industrial development and technological innovation with peer enterprises, and grasps major development opportunities in the industry to achieve synergy, mutual benefit and win-win.

Case Weiming Environment was invited to participate in the annual meeting of China Urban Environmental Health Association

In August 2022, the Annual meeting of China Urban Environmental Sanitation Association and China Environmental Sanitation Expo was held in Xiamen. Weiming Environment was invited to attend the annual meeting as the vice chairman unit of the association. At the meeting, the company representative made a keynote speech "Analysis of the Development of solid waste treatment Industry under the background of "dual carbon", the speech elaborated from three aspects: the significance of "dual carbon" policy, the development of solid waste treatment industry under the background of "dual carbon", and the development measures of waste incineration enterprises under the background of "dual carbon". Focusing on Weiming Environment's participating in carbon trading layout in advance through carrying out the national certification of voluntary emission reduction (CCER) and clean development mechanism (CDM). And the company's thinking of pollution reduction and carbon reduction collaborative governance was unanimously recognized by the leaders of the participants.



After the meeting, awards related to sanitation were issued, and the company was awarded the special support Unit award, to encourage and affirm the outstanding contributions made by Weiming Environment in the field of waste management.

At the same time, the founding meeting of the Central Association's Household Waste Incineration Special Committee and the 2035 Environmental Sanitation High-quality Development advanced Technology Forum were held, and Weiming Environment became the deputy director unit of the household waste incineration special Committee.

Case G20 Summit, Indonesian President Joko Widodo Meets Chinese Entrepreneurs

In November 2022, at the G20 Summit in Bali, Indonesian President Joko Widodo met with representatives of Chinese entrepreneurs. Xiang Guangming, chairman of Weiming Environment, attended the meeting and shook hands with President Joko. President Joko thanked the entrepreneurs for their great contributions to Indonesia's economic and social development. President Joko also pointed out that he will continue to maintain the original intention of mutual respect, equality and mutual benefit, and work with the entrepreneurs to take root in Indonesia and achieve mutual benefit and win-win results.

In January 2022, the company entered the field of new energy materials, and cooperated with Merit International Capital Limited to invest in the laterite nickel smelting project with an annual output of 40,000 tons of high nickel matte containing nickel metals in Indonesia. This project is the beginning of the company's entry into the field of new energy, and is also the company's first investment project in Indonesia. Up to now, the total scale of high nickel matte projects invested and owned by the company in Indonesia has reached 130,000 tons per year. On September 28, the company's first high nickel matte project has been built by piling. The company will also further promote the construction of the project and contribute to the cooperation of the Belt and Road Initiative.



Supply chain management

Weiming Environment expects to establish friendly and long-term cooperative relations with excellent suppliers, always adhering to the concept of equality and mutual benefit in business exchanges, the company is committed to building a responsible supply chain system, seriously practicing sunshine procurement, standardizing procurement behavior and promoting procurement standardization construction, and promoting sustainable and healthy development of the company.

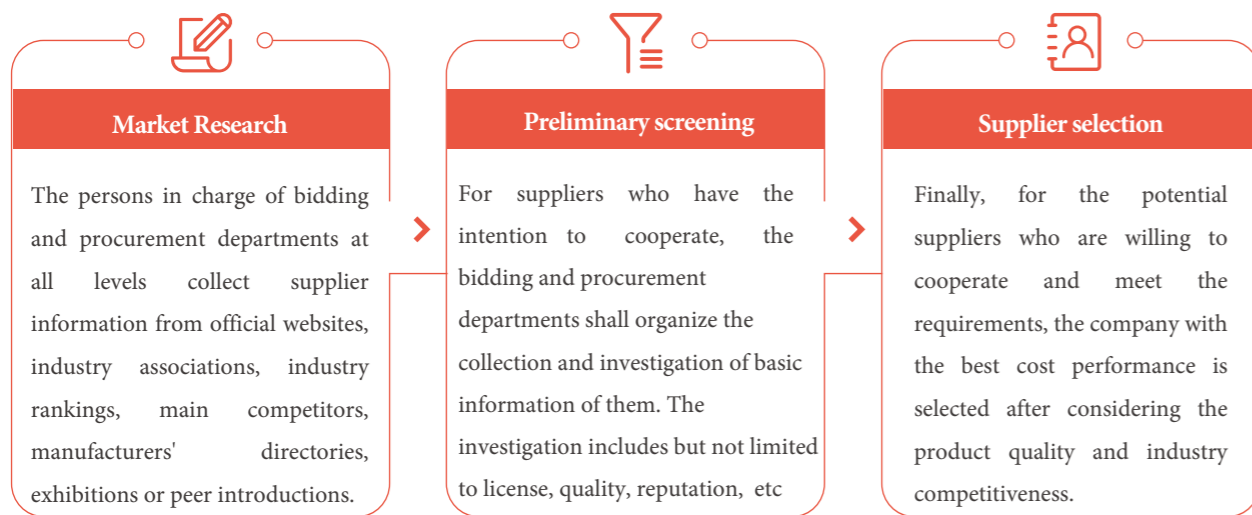
• Sunshine Procurement

The company adheres to the "sunshine procurement" to enable responsible supply chain development, formulated the "Supplier Clean Cooperation Commitment" and other relevant systems and measures to prevent violations from the source, ensure the public, fair and justice bidding and procurement process, and improve procurement efficiency while reducing procurement costs. During the reporting period, the company did not find any major violations of laws or accidents of suppliers.



• Supplier selection

During the reporting period, the company carried out the development of new suppliers in an orderly manner, continued to expand the radiation scope of the concept of responsible supply chain under the premise of ensuring that the existing supply chain meets the green and low-carbon requirements, and actively sought sustainable development partners.



Supplier selection process

• Daily management of supplier

In addition, the company continues to improve the daily management of the supply chain and build a complete and comprehensive management system for existing suppliers. This system classifies suppliers into designated/core suppliers, official suppliers and potential suppliers according to the importance of the purchased products to the company's business, as well as the quality and quantity of the purchased products, so as to facilitate hierarchical management of the company.

Product quality is an important link in supplier management. For potential suppliers, the company uses the trial method to evaluate and feedback product quality in the process; For existing suppliers, each power plant is equipped with special testing facilities, timely control of product quality, once the phenomenon of unqualified purchased products occurred, rectification is carried out immediately.

Braced with the same efforts, carry out social activities

Weiming Environment does not forget to return to the society, and actively practices social responsibilities. Since its establishment, the company has carried out a series of public welfare activities such as donating for school, charity for orphans, disaster relief, blood donation and so on. In addition, Weiming Environment has set up the Ou Hai District Charity Federation Weiming Branch, established the Weiming Charity Fund in Wenzhou Charity Federation, and set up the Weiming Charity Volunteer team to normalize public welfare and charity activities. In recent years, the company has continued to carry out assistance work in Aba County, Sichuan Province, Cangnan County, Wenzhou and Zeya Town, and has won wide praise from all walks of life. In 2022, the company focused on charitable donations, environmental welfare and other fields, actively invest in human resource, goods, capital and other resources, continue to promote community development and urban construction, and inject warmth and strength into community integration.

Year 2022

The company continues to carry out donation activities in areas such as student assistance, unemployed assistance, and medical assistance, with a total of donations of

1.89 million Yuan



Case Love full of Wenzhou, warm spread to families

In January 2022, the 21st "Love Wenzhou · Love Warm Families" Spring Festival charity Banquet was held as scheduled. Since the founding of Wenzhou Charity Federation, Weiming Environment has been actively participating in and dedicating itself to charity, continuously donating for more than 20 years, actively assuming social responsibility, firmly moving forward on the road of public welfare and charity, and contributing to the construction of harmonious society. This donation is the 21st charitable donation of Weiming Environment for the charity banquet, and the conference awarded the company the "21st New Year Charity Banquet Award".



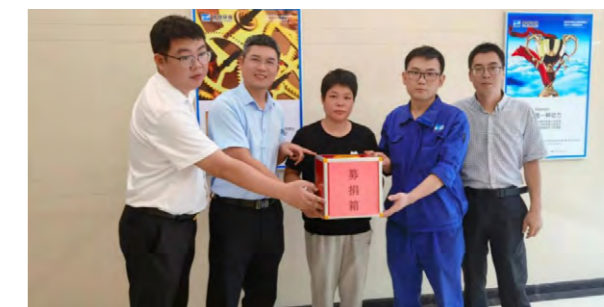
Case Rural revitalization, consolidating the achievements of poverty alleviation

In 2022, Weiming Environment and its subsidiaries continued to carry out donation activities in Aba County, Sichuan Province, to donate money to college students from poor families and help them realize their college dreams. Through the establishment of education fund, the establishment of student aid, scholarships and other mechanisms. For 14 consecutive years, the company had carried out the activity of "Weiming Warm Winter Happy Reunion" to send warmth to orphans whose families are poor, to provide assistance for serious diseases and solve the urgent needs of the patients, to help infrastructure construction and effectively improve people's lives. In 2022, the company invested a total of 200,000 yuan in Aba County, benefiting 509 people.



Case Every bit of love in Ruian Waste to Energy Plant brings warmth

In August 2022, Ruian Power Plant, a subsidiary of Weiming Environment, launched a fundraising campaign of "Caring for Colleagues Around us". The colleagues in the plant actively contributed their love. This activity raised donation of more than 30,000 Yuan, which are used to help colleagues who have difficulties in life, and also illustrated Weiming's mutual love.



Establish educational fund



Establish educational fund



Voluntary blood donation by employees

About the report

Time of report

This report is the first Social responsibility and Environmental, Social and Corporate Governance (ESG) report issued by Weiming Environment Protection for stakeholders. The text and performance of the report are mainly for the period from January 1, 2022 to December 31, 2022, and some information may relate to policies and practices of previous years.

Sources of information

There are no false records, misleading statements or major omissions in the contents of this report, and the authenticity, accuracy and completeness of the contents of the report bear individual and joint liability.

Reference

standard

This report is compiled in accordance with the requirements of the Shanghai Stock Exchange's Self-Regulatory Guidelines for Listed Companies No. 1 -- Standardized Operation. In addition, this report is based on the Global Reporting Initiative's (GRI) Sustainability Reporting Standards (2021 edition) and the Chinese Academy of Social Sciences' China Corporate Social Responsibility Reporting Guidelines (CAS-ESG 5.0).

Interpretation of data

The data sources used in the report include the original data of the actual operation of the company, the public data of the regulatory authorities, the annual financial data, the relevant internal statistical statements and administrative documents and reports. The financial data in this report is in RMB. In case of any inconsistency with the annual report, the annual report shall prevail.

Form of report

You can also check out the web site of zhejiang weiming environment protection co., LTD. (<http://www.cnweiming.com/>) and access to or download the report.

For any questions or suggestions concerning this report, please contact the following department:

Securities department of Weiming Environment Protection

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Key performance

Economic performance

Performance of economic indicators					
	Disclosure items	Unit	Year 2020	Year 2021	Year 2022
Economic indicators	Revenue	billion Yuan	3.12	4.19	4.45
	Total assets	billion Yuan	10.47	14.65	20.22
	Net income	billion Yuan	1.26	1.54	1.65
	Spending on R&D	million Yuan	60.15	60.71	84.51
	Quantity of R&D personnel	person	121	247	332
	Proportion of R&D personnel	%	4.96	9.04	10.02
	Total cash dividends (including tax)	million Yuan	300	381	329
	Cash dividends distributed every 10 shares	Yuan	3.10	3.05	1.30

Social performance

Performance of employee training					
	Disclosure items	Unit	Year 2020	Year 2021	Year 2022
Divided by gender	Total quantity of persons receive training	person	1,100	1,334	1,650
	Quantity of men	person	880	1,093	1,353
	Quantity of women	person	220	241	297
Divided by employee category	Quantity of basic-level staff	person	951	1,133	1,400
	Quantity of middle-level staff	person	86	173	212
	Quantity of senior management staff	person	63	28	38
	Total duration of employee training	hour	2,700	7,380	26,400
	Average duration of employee training	hour	2.5	5.5	16
Divided by gender	Training duration for men	hour	2,160	6,052	21,648
	Training duration for women	hour	540	1,328	4,752
Divided by employee category	Total training hours for basic-level staff	hour	2,335	6,275	22,400
	Total training hours for middle-level staff	hour	211	710	3,392
	Total training hours for senior management staff	hour	154	394	608

Performance of social public welfare					
	Disclosure items	Unit	Year 2020	Year 2021	Year 2022
	Investment on public welfare	million Yuan	4.88	1.79	1.89

Performance of employees' rights and interests				
Disclosure items	Unit	Year 2020	Year 2021	Year 2022
Proportion of labors signing contracts	%	100	100	100

Performance of employee recruitment				
Disclosure itmes	Unit	Year 2020	Year 2021	Year 2022
Quantity of employees	person	2,439	2,732	3,312
Divided by gender	Male	1,951	2,229	2,710
	Female	488	503	602
Divided by signing contract	Labors signing contracts	2,439	2,732	3,312
	51 and above	397	389	347
Divided by age	41 t o 50	413	412	595
	31 t o 40	684	816	1,157
	30 and below	945	1,115	1,213
Divided by district	Employees work in mainland China	2,439	2,732	3,303
	Postgraduates	63	58	69
Divided by education	Undergraduates	611	715	865
	Below undergraduate	1,765	1,959	2,378
Employee Recruitment	Quantity of basic-level staff	2,109	2,323	2,730
	Quantity of middle-level staff	191	263	410
Divided by recruitment category	Quantity of women among middle-level staff	16	25	42
	Quantity of senior management staff	139	146	172
	Quantity of women among senior management staff	20	15	14
Divided by employee position	Production staff	1,492	1,548	1,778
	Salespersons	37	34	12
	Technical staff	534	683	944
	Accounting staff	95	109	136
	Administration staff	281	358	442

Data of supplier management					
Disclosure items	Unit	Year 2020	Year 2021	Year 2022	
Divided by district	Quantity of suppliers	Quantity	4,096	4,697	6,602
	Suppliers in mainland China	Quantity	4,096	4,697	6,592
	Suppliers out of mainland China	Quantity	—	—	10
Quantity of new suppliers	Quantity	—	—	2,771	
Quantity of local suppliers for procurement	Quantity	4,096	4,697	6,592	
Proportion of procurement personnel who have received sustainable procurement training within the company	%	—	—	100	

Environmental performance

Main energy consumption			
Indicators	Unit	Year 2021	Year 2022
Fuel oil	ton	3,629	3,821
Purchased electricity	kwh	6,730,397	13,996,140
Direct greenhouse gas emissions (category 1)	ton	14,998	15,792
Indirect greenhouse gas emissions (category 2)	ton	3,910	8,172
Total greenhouse gas emissions	ton	18,908	23,964

Emissions of gas pollutants			
Indicators	Unit	Year 2021	Year 2022
particulate matter	ton	151	166
NOx	ton	3,612	4,576
SO ₂	ton	485	797

Water use			
Indicators	Unit	Year 2021	Year 2022
Consumption of municipal water	m ³	3,946,328	4,397,966
Surface water usage	m ³	4,046,671	5,020,231
Ground water usage	m ³	739,421	694,267
Consumption of circulating water/recycled water	m ³	643,360	685,215

Discharge of water pollutant			
Indicators	Unit	Year 2021	Year 2022
Discharge of waste water	m ³	534,189	630,422
Chemical oxygen demand (COD)	ton	27	29
Ammonia nitrogen	ton	1	2

Waste discharge			
Indicators	Unit	Year 2021	Year 2022
Total amount of slag generated	ton	1,525,212	2,010,357
Total amount of fly ash solidified generated	ton	241,416	279,045
Total amount of waste oil generated	ton	32	50
Total amount of waste film generated	ton	6	26
Total amount of waste cloth bag generated	ton	14	63
Total amount of waste resin generated	ton	0	1
Total amount of waste oil drum generated	ton	6	8

Index of indicators

Instruction	Weiming Environment Protection reported from January 1, 2022 to December 2022 with reference to Global Reporting Initiative standards		
GRI1 used	GRI1: Foundation 2021		
Category	Disclosure items	Corresponding section	
GRI2: General Disclosure 2021	2-1	Organizational details	Chapter 1 Enter into Weiming Environment Protection Company Profile Development history
	2-2	Entities included in the organization's sustainability report	About this report
	2-3	Reporting period, reporting frequency, and contacts	About this report
	2-4	Information restatement	About this report
	2-6	Activities, value chains and other business relationships	Chapter 1 Enter into Weiming Environment Protection Chapter 2 Scientific operation, improve management quality Theme: take advantage of main business and gathering joint force of green development
	2-7	Employees	Chapter 4 Energizing the workplace and boosting growth
	2-9	Governance structure and composition	Chapter 2 Scientific operation, improve management quality Modernization of corporate governance
	2-10	Nomination and selection of the highest governing body	Chapter 2 Scientific operation, improve management quality Modernization of corporate governance
	2-11	Chairman of the highest governing body	Modernization of corporate governance
	2-12	Oversight role of the Supreme governing body in managing impact	Chapter 2 Scientific operation, improve management quality Modernization of corporate governance
	2-13	Authorize responsibility for managing impact	Chapter 2 Scientific operation, improve management quality Modernization of corporate governance
	2-14	The role of top governance body in sustainability reporting	Chapter 2 Scientific operation, improve management quality ESG concept and management
	2-15	Conflict of interest	Chapter 2 Scientific operation, improve management quality ESG concept and management Communication of key issues
	2-16	Communication of key issues	Chapter 2 Scientific operation, improve management quality ESG concept and management
	2-17	Common knowledge of the highest governing body	Chapter 2 Scientific operation, improve management quality ESG concept and management
	2-19	Compensation policy	Chapter 4 Energizing the workplace and boosting growth Employee welfare
	2-20	Procedure for determining compensation	Chapter 4 Energizing the workplace and boosting growth Employee welfare

Category	Disclosure items	Corresponding section	
GRI2: General Disclosure 2021	2-21	Annual total salary ratio	Chapter 4 Energizing the workplace and boosting growth Employee welfare
	2-22	Statement on Sustainable Development Strategy	Chapter 2 Scientific operation, improve management quality ESG concept and management
	2-23	Policy commitments	Chapter 2 Scientific operation, improve management quality Theme: take advantage of main business and gathering joint force of green development Chapter 3 Putting green business first, promoting low-carbon transition Chapter 4 Energizing the workplace and boosting growth Chapter 5 Together through thick and thin, build a harmonious society
	2-24	Integration Policy Commitment	Chapter 2 Scientific operation, improve management quality Theme: take advantage of main business and gathering joint force of green development Chapter 3 Putting green business first, promoting low-carbon transition Chapter 4 Energizing the workplace and boosting growth Chapter 5 Together through thick and thin, build a harmonious society
	2-27	compliance with laws and regulations	Chapter 2 Scientific operation, improve management quality Chapter 3 Putting green business first, promoting low-carbon transition Chapter 4 Energizing the workplace and boosting growth
	2-29	Methods of stakeholder engagement	Chapter 2 Scientific operation, improve management quality ESG concept and management
	3-1	The process of determining substantive topics	Chapter 2 Scientific operation, improve management quality ESG concept and management
	3-2	List of substantive topics	Chapter 2 Scientific operation, improve management quality ESG concept and management
	3-3	Management of substantive topics	Chapter 2 Scientific operation, improve management quality ESG concept and management
	201-1	Economic value that directly produced and distributed	Theme: take advantage of main business and gathering joint force of green development Chapter 6 Appendix Key performance table
GRI 201: Economic Performance 2016	201-2	Financial impacts and other risks and opportunities from climate change	Chapter 3 Putting green business first, promoting low-carbon transition Reduce impact on environment
	205-2	Communication and training of anti-corruption policies and procedures	Chapter 2 Scientific operation, improve management quality Compliance with business ethics
GRI205: Anti-corruption 2016	302-1	Energy consumption within the organization	Chapter 3 Putting green business first, promoting low-carbon transition Reduce impact on environment
	302-2	Energy consumption outside the organization	Chapter 3 Putting green business first, promoting low-carbon transition Reduce impact on environment
	302-4	Reduce energy consumption	Chapter 3 Putting green business first, promoting low-carbon transition Reduce impact on environment
	302-5	Reduce energy requirements for products and services	Chapter 3 Putting green business first, promoting low-carbon transition Reduce impact on environment
	GRI301: Energy 2016	302-1	Energy consumption within the organization
302-2		Energy consumption outside the organization	Chapter 3 Putting green business first, promoting low-carbon transition Reduce impact on environment

Category	Disclosure items	Corresponding section
GRI 303: Water resource and Sewage 2018	303-1 Interaction between organizations and water as a common resource	Chapter 3 Putting green business first, promoting low-carbon transition Strengthening pollution prevention and control
	303-2 Manage drainage related impacts	Chapter 3 Putting green business first, promoting low-carbon transition Strengthening pollution prevention and control
	303-3 Fetching Water	Chapter 3 Putting green business first, promoting low-carbon transition Strengthening pollution prevention and control
	303-4 Drain	Chapter 3 Putting green business first, promoting low-carbon transition Strengthening pollution prevention and control
	303-5 Water consumption	Chapter 3 Putting green business first, promoting low-carbon transition Strengthening pollution prevention and control
GRI 305: Emissions 2016	305-1 Direct (Range 1) greenhouse gas emissions	Chapter 6 Appendix Key performance table
	305-2 Energy indirect (range 2) greenhouse gas emissions	Chapter 6 Appendix Key performance table
	305-7 Nitrogen oxides (NO _x)、sulfur oxides (SO _x) and other significant gas emissions	Chapter 3 Putting green business first, promoting low-carbon transition Strengthening pollution prevention and control Chapter 6 Appendix Key performance table
GRI 306: Waste 2020	306-1 Waste generation and significant waste-related impacts	Chapter 3 Putting green business first, promoting low-carbon transition Strengthening pollution prevention and control
	306-2 Management of significant waste-related impacts	Chapter 3 Putting green business first, promoting low-carbon transition Strengthening pollution prevention and control
	306-3 Waste produced	Chapter 3 Putting green business first, promoting low-carbon transition Strengthening pollution prevention and control
	306-4 Waste diverted from disposal	Chapter 3 Putting green business first, promoting low-carbon transition Strengthening pollution prevention and control
	306-5 Waste coming into disposal	Chapter 3 Putting green business first, promoting low-carbon transition Strengthening pollution prevention and control
GRI 308: Supplier Environmental Assessment 2016	308-1 New suppliers screened by the environmental assessment dimension	Chapter 6 Appendix Key performance table
GRI 401: Employment 2016	401-1 New suppliers screened by the environmental assessment dimension	Chapter 6 Appendix Key performance table
	401-2 New employee hiring rate turnover rate	Chapter 4 Energizing the workplace and boosting growth Employee employment
GRI 403: Occupational Health and Safety 2018	403-1 Occupational health and Safety management system	Chapter 4 Energizing the workplace and boosting growth Employee occupational health
	403-2 Hazard identification, risk assessment, and accident investigation	Chapter 4 Energizing the workplace and boosting growth Employee occupational health
	403-3 Occupational Health Services	Chapter 4 Energizing the workplace and boosting growth Employee occupational health

Category	Disclosure items	Corresponding section	
GRI 403: Occupational Health and Safety 2018	403-4 Occupational health and safety matters: worker participation, consultation and communication	Chapter 4 Energizing the workplace and boosting growth Employee occupational health	
	403-5 Occupational health and safety training for workers	Chapter 4 Energizing the workplace and boosting growth Employee occupational health	
	403-6 Promoting worker health	Chapter 4 Energizing the workplace and boosting growth Employee occupational health	
	403-7 Prevention and mitigation of occupational health and safety impacts directly related to business	Chapter 4 Energizing the workplace and boosting growth Employee occupational health	
	403-8 Workers covered by the occupational health and safety management system	Chapter 4 Energizing the workplace and boosting growth Employee occupational health	
	403-9 Work-related Injury	Chapter 6 Appendix Key performance table	
	403-10 Work-related health problems	Chapter 4 Energizing the workplace and boosting growth Employee occupational health	
	GRI 404: Training and Education 2016	404-1 Average training hours for each employee per year	Chapter 4 Energizing the workplace and boosting growth Employee development and training
		404-2 Employee skills upgrading programs and transition assistance programs	Chapter 4 Energizing the workplace and boosting growth Employee development and training
		404-3 Percentage of employees who receive regular performance and career development reviews	Chapter 4 Energizing the workplace and boosting growth Employee development and training
GRI 405 Diversity and Equal Opportunity 2016	405-1 Diversity of governance and staff	Chapter 4 Energizing the workplace and boosting growth Employee employment	
GRI 406: Anti-Discrimination 2016	406-1 Incidents of discrimination and corrective action	Chapter 4 Energizing the workplace and boosting growth Employee employment	
GRI 407: Freedom of Association and Collective Bargaining 2016	407-1 Operations and suppliers where freedom of association and collective bargaining rights may be at risk	Chapter 4 Energizing the workplace and boosting growth Employee employment	
GRI 408 Child Labor 2016	408-1 Operations and suppliers with a significant risk of child labor incidents	Chapter 4 Energizing the workplace and boosting growth Employee employment	
GRI 409 Forced or Compulsory Working 2016	409-1 Operations and suppliers with a significant risk of forced or compulsory labor incidents	Chapter 4 Energizing the workplace and boosting growth Employee employment	
GRI 413 Local Communities 2016	413-1 Operations with local community involvement, impact assessments and development plans	Chapter 5 Together through thick and thin, build a harmonious society Braced with the same efforts, carry out social welfare	
	413-2 Operations that have actual or potentially significant negative impacts on the local community	Chapter 5 Together through thick and thin, build a harmonious society Braced with the same efforts, carry out social welfare	
GRI 414: Social Assessment for Supplier 2016	414-1 New vendors screened by the social evaluation dimension	Chapter 5 Together through thick and thin, build a harmonious society Mutual benefit and mutual progress, practice industry cooperation	
	414-2 Negative social impacts of supply chains and actions taken	Chapter 5 Together through thick and thin, build a harmonious society Mutual benefit and mutual progress, practice industry cooperation	
GRI 418: Customer Privacy 2016	418-1 Substantiated complaints involving invasion of customer privacy and loss of customer information	Chapter 2 Scientific operation, improve management quality Pay attention to information security	

Feedback

Dear readers,

Thank you very much for taking time out of your busy schedule to read this report. In order to continuously improve the company's social responsibility work and continuously improve the ability and level of fulfilling social responsibility, we sincerely look forward to your comments and suggestions.

Choice question (please tick in the corresponding position)

1. Your general comment on this report is:

very good good general relatively poor poor

2. The response and disclosure of the report replied to what stakeholder concerns?

very good good general relatively poor poor

3. What do you think of Weiming's economic performance in terms of economic responsibility?

very good good general relatively poor poor

4. What do you think of Weiming's environmental performance in terms of environmental responsibility?

very good good general relatively poor poor

5. What do you think of Weiming's performance in terms of safety management?

very good good general relatively poor poor

6. What do you think of Weiming's performance in terms of employee responsibility?

very good good general relatively poor poor

7. What do you think of Weiming's performance in terms of community responsibility?

very good good general relatively poor poor

8. 报Are the information, indicators and data disclosed in the report clear, accurate and complete?

very good good general relatively poor poor

9. Do you think the content arrangement and layout of this report are easy to read?

Yes No

10. Open question

Do you have any comment and suggestion on Weiming's fulfilling social responsibility and the report?



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