



北京控股環境集團有限公司
BEIJING ENTERPRISES ENVIRONMENT GROUP LIMITED

2023

Beijing Enterprises Environment Group Limited
Environmental, Social and
Governance Report





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About The Report

The Board of Directors (the “Board”) of Beijing Enterprises Environment Group Limited (together with its subsidiaries, “the Group”, “BE Environment”, and “we”) hereby presents the Environmental, Social and Governance (“ESG”) Report for the year ending December 31, 2023.

The data collection in the report covers the Group’s primary operations in the People’s Republic of China (the PRC), specifically solid waste treatment and eco-construction services, and the operations of the offices in Beijing and Hong Kong. The Report details the Group’s strategies and practices in environmental protection, social responsibility, and operational governance for 2023 across all its operations. Shareholders, investors, and the general public will find the report valuable for a comprehensive and in-depth understanding of the Group’s ESG issues and culture.

The Report is aligned with *Appendix C2 of Environmental, Social and Governance Reporting Guide to the Main Board Listing Rules (HKEX ESG Guidance)* of the Stock Exchange of Hong Kong Limited (HKEX). The criteria, methodology, assumptions, and conversion factors used to report emissions and energy consumption are based on *How to prepare an ESG Report Appendix 2: Reporting Guidance on Environmental KPIs* issued by HKEX. To make the disclosure more comprehensive, the Report has also been prepared with reference to the GRI Sustainability Reporting Standards (GRI Standards) issued by the Global Reporting Initiative (GRI) in 2021.

All data and information disclosed in the Report are from official documents, internal statistical systems and financial reports of the Group and have been collected, aggregated and reviewed by relevant departments. Where not otherwise stated, the figures shown in the Report are shown in RMB (Yuan).

The Group will publish its ESG report annually to update all stakeholders and interested parties on the Group’s ESG-related efforts. Constructive suggestions or comments are welcome. The Report is available in electronic form and can be viewed and downloaded from the HKEXnews website (www.hkexnews.hk) and the Group’s website (www.beegl.com.hk).



Message from the Executives

In 2023, the solid waste treatment industry encountered a complex external environment featuring a global economic slowdown, uncertainty in both domestic and international settings, expected market saturation, and industry volatility due to policy adjustments. Meanwhile, there is a growing expectation in the society for companies to demonstrate sustainability and uphold corporate social responsibility. This requires the solid waste treatment industry to make a difference in global issues like climate change and environmental pollution.

As a leading domestic provider of solid waste treatment and eco-construction services, BE Environment upholds the green development concept that the environment is crucial to the well-being of the public as blue skies and verdant surroundings allow everyone to feel the beauty and joy of life. Recognizing the significance of sustainability for both companies and the society, we are dedicated to establishing an excellent sustainability management system to steadily march towards the Group's sustainability goals.

In business activities, BE Environment consistently upholds the highest industry standards and advances the Group's high-quality development through tangible measures. We adhere to stringent business ethics, earnestly fulfill our product responsibilities, lead technological innovation, and promote a sustainable supply chain, striving for widespread market recognition through exceptional products and services. Moreover, in response to the country's "carbon peaking and carbon neutrality" initiatives, we continually improve the environmental management system and integrate various aspects such as operations, production, pollution control, ecological protection and climate change response to achieve a harmonious balance between the Group's development and environment protection. Embracing the principle of equitable and inclusive human resources management, we provide a healthy and safe working environment for our employees while safeguarding their well-being and legitimate rights and interests. Furthermore, we collaborate with stakeholders to undertake charitable activities and promote public welfare.

Remarkably, we have, for the first time, disclosed detailed carbon emission data in this ESG report. Through in-depth analysis of the risks and opportunities brought about by climate change, and by outlining the Group's initiatives to address climate change, we have unequivocally demonstrated BE Environment's dedication to contributing expertise and effective solutions from the solid waste industry to the global climate action.

Since its establishment, BE Environment has proactively embraced social responsibility, supporting societal sustainable development through practical actions. Looking ahead, staying true to the concept of green development, we will provide the society with clean, safe, and efficient environmental services, enhance communication and cooperation with all sectors of the society, and jointly facilitate environmental progress. We firmly believe that through continuous optimization of project quality and ongoing exploration of cutting-edge solid waste treatment technology, BE Environment will realize even greater achievements in solid waste treatment and eco-construction, further contributing to the harmonious coexistence of humans and nature.



Board Statement

The Group attaches much importance to sustainability issues and performance. The Board assumes the highest responsibility for approving sustainability management measures, strategies, objectives, and medium to long-term plans. The Board will continue reviewing the effectiveness of sustainability strategies and actions, monitoring progress, and revising policies as necessary to align with the Group's business development.

The Group utilizes its capabilities to create long-term benefits for various stakeholders. We identified United Nations Sustainable Development Goals (UNSDGs) at a higher level of priority for us and integrate them into our corporate development to develop sustainable business strategies. The Group recognizes the importance of managing sustainability risks and seizing opportunities, and actively promotes the identification, assessment, and management of sustainability-related risks. The Group promises a proactive approach to addressing sustainability-related issues by strengthening risk management and incorporating sustainability considerations into its risk management system and operational strategies.

The Group values input from multiple stakeholders. This year, the Board identified sustainability materiality issues based on stakeholder communications. These issues, covering product responsibility, environmental management, employment and labor practices, and community contribution, are the focus of sustainability reporting. The Report outlines the progress and results in each of these areas during the year in respective chapters. Going forward, the Group will continue to engage with stakeholders to understand their needs and expectations.

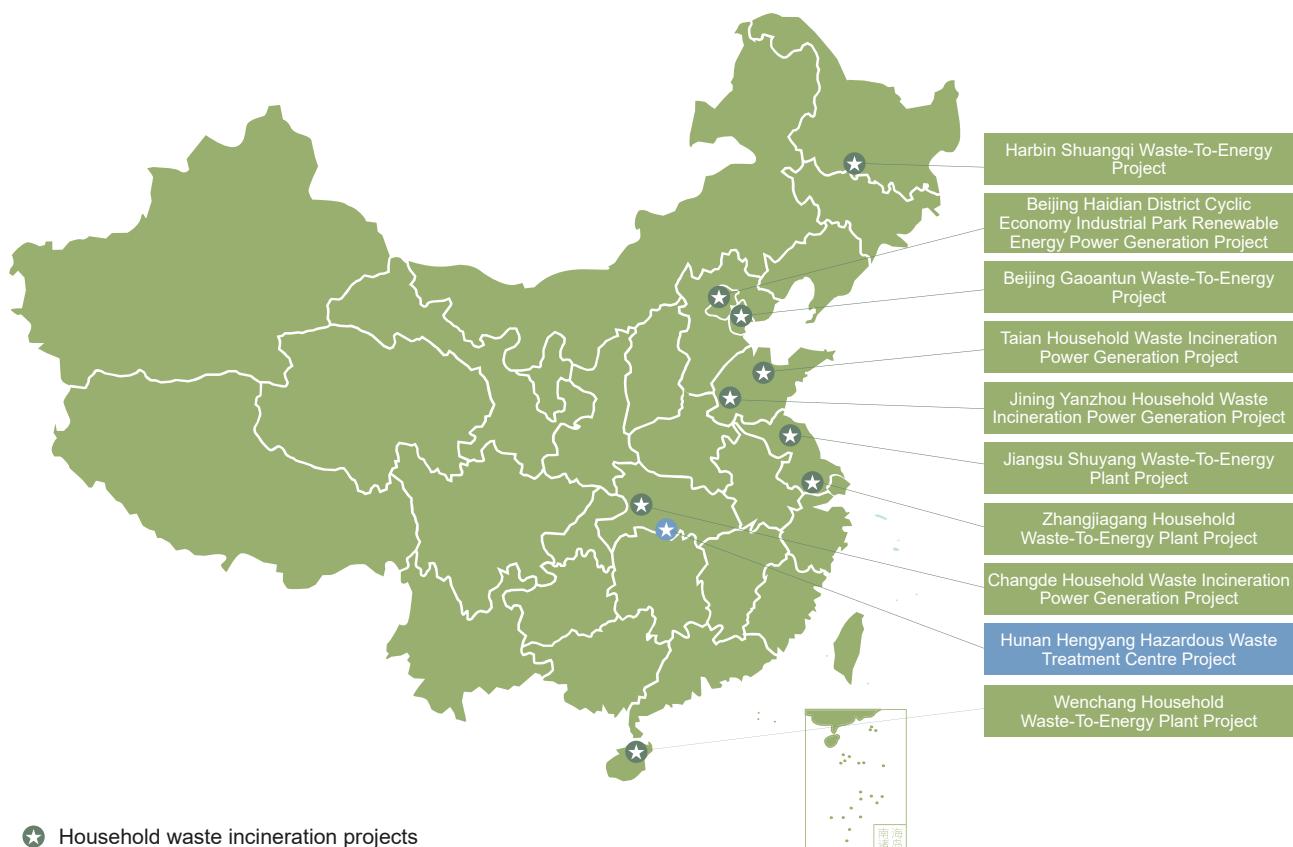
The Report was reviewed and approved by the Board on April 22, 2024. The Board and all Directors guarantee that there are no false records, misleading statements or material omissions in the Report and assume individual and joint responsibility for the truthfulness, accuracy and completeness of its contents.



About Us

Company Profile

Beijing Enterprises Environment Group Limited is listed on the Main Board of the Hong Kong Stock Exchange (stock code: 154). It is a subsidiary of Beijing Enterprises Holdings Limited (a company listed on the Main Board of the Hong Kong Stock Exchange, stock code: 392). It is engaged in environmental protection, solid waste treatment, ecological construction and operations in the People's Republic of China.



Project name	Processing capacity
Household Waste Incineration Projects	
Zhangjiagang Household Waste-To-Energy Plant Project	2,250 tonnes/day
Beijing Haidian District Cyclic Economy Industrial Park Renewable Energy Power Generation Project	2,100 tonnes/day
Beijing Gaoantun Waste-To-Energy Project	1,600 tonnes/day
Jining Yanzhou Household Waste Incineration Power Generation Project	1,500 tonnes/day
Harbin Shuangqi Waste-To-Energy Project	1,200 tonnes/day
Changde Household Waste Incineration Power Generation Project	1,200 tonnes/day
Tai'an Household Waste Incineration Power Generation Project	1,200 tonnes/day
Jiangsu Shuyang Waste-To-Energy Plant Project	1,200 tonnes/day
Wenchang Household Waste-To-Energy Plant Project	225 tonnes/day
Hazardous and Medical Waste Treatment Project	
Hunan Hengyang Hazardous Waste Treatment Centre Project	35,000 tonnes/day

ESG Management

The Group practices the principles of sustainability throughout its operations. It actively drives the establishment of a sustainability management system, engages in regular stakeholder communications, identifies material sustainability issues, and ensures the achievement of the Group's sustainability goals.

ESG Governance Structure

To build a scientific, systematic, and standardized sustainability management system, the Group has developed the *Management Measures for Sustainable Development System* to specify the sustainability management structure and functions. This will standardize the working mechanism, supervision, assessment, and other relevant matters, elevating the Group's sustainability management standards.

We have shaped a tiered sustainability governance structure with defined powers and responsibilities to enhance the effectiveness of the Group's sustainability management. The Board of Directors is the top decision-making body of sustainability governance, to which the chief executive working committee reports sustainability-related matters of the Group. The chief executive working committee approves the Group's sustainability management measures, strategies, objectives, and medium to long-term plans and oversees the progress of the Group's sustainability endeavors. The Group's Sustainable Development Working Group, composed of the Corporate Governance and Information Department and the Finance Department (Hong Kong), is tasked with the day-to-day management and coordination of sustainability matters. This involves formulating sustainability management measures, strategies, objectives, medium to long-term plans, and annual work plans, setting management targets, and monitoring progress and major initiatives. Furthermore, each department and office at the headquarters of BE Environment appoints a sustainability focal point, responsible for sustainability management activities within their respective purview.



The sustainability management structure of BE Environment



Stakeholder Engagement

The Group keeps abreast of stakeholders' demands. It keeps all the communication channels open and smooth and engages with stakeholders through channels that are appropriate to them. Our stakeholders include the government and regulators, shareholders and investors, customers, business partners, employees, the community, NGOs and the press.

Stakeholders	Topics	Response Channels
Government and regulatory authorities	<ul style="list-style-type: none"> • Lawful business operations • Payment of taxes in accordance with the law • Creation of employment opportunities • Promotion of sustainable and healthy economic development 	<ul style="list-style-type: none"> • Routine reporting and communication • Research and surveys and on-site meetings • Forums and exchange programs
Shareholders and investors	<ul style="list-style-type: none"> • Continuous and stable business growth • Corporate governance • Anti-corruption • Capital rating and information disclosure 	<ul style="list-style-type: none"> • Annual reports and announcements • Roadshows and investor meetings • Teleconferences with analysts • Annual general meeting • Company website
Customers	<ul style="list-style-type: none"> • High-quality and safe products • Considerate and convenient service • Smooth communication channels 	<ul style="list-style-type: none"> • Customer workshops • Service hotlines • Customer satisfaction surveys
Business partners	<ul style="list-style-type: none"> • Fair procurement • Integrity and reciprocity • Sustainable supply chain • Long-term and stable cooperation 	<ul style="list-style-type: none"> • Supplier training and exchanges
Employees	<ul style="list-style-type: none"> • Comprehensive safeguards of rights and interests • Good platform for career development • Work-life balance • Occupational health 	<ul style="list-style-type: none"> • Staff and workers' congress • Complaint box • Channels of democratic communication • Employee care activities
Community and non-governmental organizations	<ul style="list-style-type: none"> • Community development • Community harmony • Community environment improvement • Open and transparent information 	<ul style="list-style-type: none"> • Science popularizations • Community outreach • Participation in charity and environmental activities
Media	<ul style="list-style-type: none"> • Financial performance • Corporate governance • Information disclosure 	<ul style="list-style-type: none"> • Annual reports and announcements • Annual and interim results presentation • Press releases and publications • Media interviews

Analysis of Material Issues

The Group, in accordance with the *HKEX ESG Guidance* and with reference to the Group's development strategies and planning as well as internationally recognized sustainability standards and sustainability issues of general concern to the industry, screened and identified sustainability issues relevant to the Group, and, based on their importance to stakeholders and to our development, ultimately determined the material issues that will lead the way for our sustainability management.

In 2023, based on regulatory requirements and best practices of peer companies, the Group reviewed and adjusted material issues following the process of "identification - research – analysis" to determine the sustainability topics for the year. This Report disclosed information on material issues on such dimensions as mechanism improvement, management improvement, actions, and performance.



The 2023 sustainability topics of BE Environment

1. Product responsibility

2. Occupational health and safety

3. Climate change

4. Anti-corruption

5. Employment and labor practices

6. Emissions management

7. Resource utilization

8. Environment and natural resources

9. Employee development and training

10. Labor standards

11. Supply chain management

12. Contribution to communities

PART 01

Adhere to Commercial Standards

BE Environment has always held itself to the highest industry standards, unwaveringly adhered to business ethics and earnestly fulfilled product responsibilities. It relentlessly drives technological innovation and wins market recognition with excellent products and services. We vigorously practise the tenet of responsible procurement, joining hands with suppliers to promote the sustainable development of the industrial chain.

Adhere to Business Ethics

The Group upholds the principles of integrity and honesty in business operations and proactively sets a higher bar in business ethics for itself. We strictly comply with laws and regulations such as the *Anti-Monopoly Law of the People's Republic of China*, the *Anti-Unfair Competition Law of the People's Republic of China*, the *Supervision Law of the People's Republic of China*, and the *Anti-Money Laundering Law of the People's Republic of China*. We relentlessly press ahead with anti-corruption management system building, sternly investigate and punish all violations and misconduct, and avoid conflicts of interest among relevant parties.

The Group sternly requires employees to comply with the code of conduct for compliance and prohibits all behaviors that are fraudulent, dishonest, unethical, or detrimental to the reputation of the Group. We have signed the *Letter of Responsibility for Integrity* with all personnel in key positions prone to corruption risks; we prohibit any employee from seeking or receiving any personal gains or gifts, such as kickbacks, private commissions, and cash, by taking advantage of their work, position, or status in the Group.



Pictures: The Anti-Corruption Admonition and Education Meeting

We continuously foster an atmosphere of integrity and self-discipline. Regular anti-corruption training is provided to Directors and employees through various means, such as admonitory corruption case studies and visits to anti-corruption education bases, effectively enhancing the anti-corruption awareness of all employees. In 2023, we carried out 4 sessions of anti-corruption training for the executive directors of BE Environment, 3 sessions for the management of the Group and its subsidiaries, and 79 sessions for the rank-and-file employees, altogether covering 94.98% of employees. Executive directors received an average of 4 hours of training.

Carried out

4

sessions of anti-corruption training for the executive directors

Executive directors received an average of

4

hours of training

79

sessions for the rank-and-file employees

3

sessions for the management of the Group and its subsidiaries

Altogether covering

94.98 %

of employees



The Group adopts a zero-tolerance attitude towards any form of corruption, strictly prohibiting bribery, extortion, fraud, and money laundering. We have established and publicized various whistleblowing channels within the Group, such as reporting hotlines, email addresses, and mailing addresses. Efforts have been made to keep these channels unobstructed and encourage employees to proactively report any violations of business ethics. The Group strictly protects the information security of whistleblowers and sternly punishes any form of retaliation against them. During the Reporting Period, BE Environment experienced no legal case involving violations of business ethics by the Group or its employees that had a significant impact on the Group.

Deliver Reliable Products

BE Environment has always been committed to solid waste treatment and disposal, always striving to improve operational efficiency and quality. To that end, the Group has established a comprehensive set of systems, including the *Production and Operation Benchmarking Program* and the *Detailed Rules for the Implementation of the Production and Operation Benchmarking Program*, to promote the “**standardization, specialization, normalization and refinement**” of its operation system.

In 2023, BE Environment actively learned from best practices in the industry that are relevant to its own business circumstances, continuously optimized internal management processes and production technologies, and propelled all projects to pursue high-quality operation. We insist on using 100% of our proprietary technologies in daily production running and services and have formulated rigorous quality assurance systems for the production and operation of each project, keeping a firm grip on quality. In addition, we require the Group's technology development team and production team to work closely together, jointly shouldering the responsibility of technological performance maintenance and optimization, to ensure the efficient and stable application of technologies without fail. By the end of the Reporting Period, the environment business segment's waste-to-energy incineration capacity reached 12,475 tonnes/day.



Standardization



Normalization



Specialization



Refinement

In 2023

The environment business segment's waste-to-energy incineration capacity reached

12,475 tonnes/day



Case: The Gaoantun Project of BE Environment achieves high-quality operation through technological optimization

The Gao'antun project of BE Environment employs domestic waste furnaces to co-incinerate and dispose of waste produced by urban sewage treatment plants, which is sludge (80% water content). The annual disposal capacity reaches 200,000 tonnes, with a daily processing capacity of 700 tonnes. The project adopts the method of spraying the sludge directly into the furnace for instant drying and incineration. As of the end of the Reporting Period, this technology had been successfully applied in Gaoantun where research on it had yielded fruitful results: the sludge co-incineration technology has been granted 2 national invention patents and 4 utility models. Meanwhile, this technology has been scaled up and applied by project companies in Haidian of Beijing, Harbin, and other regions. As of the end of the Reporting Period, 9 projects had implemented sludge spraying and co-incineration processing.

On June 27, 2023, BE Environment was honored as one of the "Top 20 Enterprises in China's Domestic Waste Incineration Industry" at the "10th Seminar on Domestic Waste Incineration Technology and Equipment" hosted by the China Association of Urban Environmental Sanitation (CAUES). This recognition underscores the industry's acknowledgment of the Group's commitment to high-quality development.



Plaque of the "Top 20 Enterprises in China's Domestic Waste Incineration Industry"

Pioneer Scientific and Technological Innovation

Putting technology first, BE Environment pursues scientific and technological innovation with greater vigor in its practices and zealously seeks to create value through low-carbon development, facilitating green and high-quality development for the industry and society.

In 2023, BE Environment, led by the Science and Technology Committee, enhanced its capabilities for independent research and development and closely worked with partners to accelerate the translation and application of technological achievements. Notably, BE Environment cooperated with various prestigious institutions, such as the China Research Academy of Environmental Sciences, Tsinghua University, Beijing Forestry University, and Nanjing Normal University, on synergistic enhancement technology for pollution and emission reduction. In addition, the we contributed to the development of three important group standards: *Technical Guideline on Control of Dioxins in Flue Gas from the Municipal Solid Waste Incineration*, *Guidelines for the Management of Pollution from Waste Gas, Wastewater and Industrial Residues in Small Municipal Solid Waste Incineration Plants*, and *Technical Code for Energy Conservation and Emission Reduction of Small Municipal Solid Waste Incinerator for Power Generation*.



Case: BE Environment conducted PNCR testing and application

With its advantages of low equipment cost and easy installation and maintenance, small footprint, low overall operating cost, and relatively low NOx emissions, the polymer non-catalytic reduction (PNCR) technology has garnered widespread attention in the environmental protection field. To help the Group's Haidian project reduce operating costs and promote the actual application of PNCR-related research outcomes, BE Environment actively engaged with multiple PNCR service providers. In February 2023, at the Haidian project site, we successfully conducted a trial of the PNCR technology by utilizing the pre-set openings in the existing incinerator. The results revealed that both NO_x and ammonia emissions in flue gas met the standard, presenting an optimal solution for enhancing up-to-standard NO_x emissions in the Haidian project.

BE Environment understands that protecting intellectual property rights (IPR) is an important safeguard for sustained innovation. We strictly comply with relevant laws and regulations in places where we operate. With a structurally clear and well-organized IPR management system that is comprehensive, practical, and efficient, we rigorously discipline our commercial conduct, fully protect our legitimate rights and interests, and also respect the innovation achievements of our peers. During the Reporting Period, we, based on where we are and where we need to go, formulated the *Intellectual Property Rights Management Measures*. It clarifies the patent filing process and incentive mechanism, and guides the Group to handle IPR matters in a more disciplined way and enhance its capabilities in IPR management, protection and operation in directions that fit the research landscape of the Group.

In 2023, the Group filed for 37 patents, with 24 patents granted. As of the end of the Reporting Period, BE Environment had accumulatively been granted 154 patents, with no IPR infringement incident.

The Group filed for

37 patents

With

24 patents granted

Cumulative total of

154 patents



Conduct Responsible Procurement

BE Environment attaches great importance to supply chain management.

It regularly engages in technical exchanges and training with suppliers to continuously enhance supply chain stability. The Group strictly abides by the *Law of the People's Republic of China on Tenders and Bids*. It has established a sound supplier management system, consolidated by such internal systems as the *Supplier Management Provisions* and the *Group Procurement Measures* that serve as supplier management protocols for the headquarters and the subsidiaries. We have established a comprehensive process for admitting, selecting, and evaluating suppliers. Suppliers are subjected to tiered management, and their health, safety, and environmental performance are incorporated into the supplier selection and evaluation process.

In addition, the Group regularly evaluates suppliers' on-time delivery rates and services and factors them into the holistic evaluation of suppliers' product and service quality.

In 2023, the Group, leveraging its influence over suppliers, added articles related to environmental protection, safety, anti-corruption, and other aspects in the contracts with suppliers, aiming to enhance suppliers' internal ESG management. As of the end of the Reporting Period, the proportion of suppliers that signed the integrity agreement was 57.56%.

The proportion of suppliers that signed the integrity agreement was

57.56%



BE Environment supplier quantity and certification statistics in 2023

Total number of suppliers

2,242

All located in Mainland China

ISO 9001-certified suppliers

444



ISO 14001-certified suppliers

370



ISO 45001/OHSAS 18001-certified suppliers

365



PART 02

Shoulder Environmental Responsibilities

Committed to green development, the Group continuously improves its environmental management system, coordinates operations, production, pollution control, ecological protection, and responses to climate change, and aligns itself with the carbon peaking and carbon neutrality initiatives of China. This way, the Group strikes a balance between its own development and ecological and environmental protection and earnestly fulfills its corporate social responsibilities.

Resources and Energy Utilization

The Group abides by the *Energy Conservation Law of the People's Republic of China* and other pertinent laws and regulations. It scientifically manages resource and energy consumption in line with the concept of sustainable development.

In 2023, the Group took multi-pronged measures: establishing an energy conservation leading group in all project companies, and incorporating energy conservation as an item high on their agenda; promoting fine-grained management of energy and resources to continuously increase resource utilization efficiency; optimizing production processes to reduce material consumption during the manufacturing stage while ensuring uncompromised product and service quality.

Resource Conservation Highlight Initiative of BE Environment

- In the Changde Project, air-saving measures were implemented, including adjusting the cooling method of flame cameras, enhancing gas-fluid consumption in the ash silo, and modifying the mains frequency and variable frequency of air compressors. These initiatives have reduced the daily power consumption of air compressors by approximately 4,000 kWh and cut down average daily power consumption rate by about 1%.
- In another groundbreaking initiative within the Haidian project of BE Environment, the implementation of air-cooling technology has resulted in a significant reduction in water consumption, totaling 3,000 cubic meters per day. This achievement has set the Haidian project apart from other waste incineration projects in China.

Resource consumption of BE Environment in 2023

Total electricity consumption

261,239,500 kWh



Grid electricity consumption

14,370,675 kWh



Renewable electricity consumption

246,868,825 kWh



Natural gas

326,700 standard cubic meters



Petroleum

43,661 liters



Diesel

1,788,366 liters



Total water consumption

6,373,019 tonnes



Water savings

236,736 tonnes



Emissions Management

With its foresight for long-term development, the Group sees environmental protection as the core for its sustainable development. We strictly abide by laws and regulations such as the *Environmental Protection Law of the People's Republic of China*. Efforts have been made to continuously improve the environmental management system, for which we have formulated a series of documents, including the *Guiding Management Measures for Production and Operations of BE Environment's Projects*, the *Guiding Management Measures for Proper Production of BE Environment's Waste Incineration Power Generation Projects*, the *Environmental Management System*, the *Environmental Protection Assessment Criteria*, and the *Environmental Protection Reward and Punishment System*. They allow us to assign specific environmental responsibilities to individuals and keep a firm grip on environmental risks.

The Group is primarily engaged in solid waste treatment and eco-construction service businesses. As of the end of the Reporting Period, the Group did not experience any severe environment-related violation of any applicable rules and regulations that had a significant impact on the Group.

Pollutant target of BE Environment



100% of projects comply with national and local standards in terms of their pollutants emission/discharge



Wastewater discharge

The main sources are leachate from household solid waste piles and household sewage. Key management measures include:

- In the recirculating water system, reasonably add chemicals according to test indicators to improve the quality of cooling tower water, discharge wastewater frequently but in small amounts each time to ensure water quality while reducing pollutant discharge
- Increasing the utilization rate of wastewater in the water treatment workshops and reducing the discharge of concentrate
- The generated wastewater is channeled to the leachate treatment facility and processed. When the processed wastewater meets the standard, it is reused for production, plant area greenery, and road sprinkling. This way, wastewater is recycled and reused, and both the amount of discharged wastewater and purchased water are reduced
- Apply leachate treatment facilities to further enhance comprehensive waste treatment and achieve full recycling of wastewater



Exhaust gas emission

Exhaust gas is mostly dioxins, carbon monoxide, nitrogen oxides, sulfur dioxide, and soot generated from household solid waste incineration. The Group strictly complies with the *Pollution Control Standard for Municipal Solid Waste Incineration* and adopts rigorous operating procedures in waste treatment to ensure that the exhaust gas emissions meet national standards and comply with relevant environmental laws and regulations, thereby reducing the impact on the surrounding environment. Key management measures include:

- The internationally advanced dry flue gas desulfurization technology marked by high efficiency and low energy consumption has been adopted to achieve efficient treatment of flue gas pollutants while ensuring emission stability
- Biogas generated from the treatment of landfill leachate is recovered and used for boiler combustion, reducing methane emissions and extracting value from waste



Solid waste discharge

The main hazardous solid waste is fly ash from incineration, while the main non-hazardous solid waste includes slag and sludge from treatment processes. Key management measures include:

- Install deodorization equipment
- Adopt fully enclosed management to prevent fly ash dispersion
- Commission qualified third-party environmental companies to treat ashes and other wastes

Waste Discharge of BE Environment in 2023

Total wastewater

1,688,403 tonnes



Wastewater intensity

873 tonnes/million of revenue



Total discharge of hazardous waste

103,413 tonnes



Hazardous waste intensity

53 tonnes/million of revenue



Total discharge of non-hazardous waste

1,307,339 tonnes



Non-hazardous waste intensity

676 tonnes/million of revenue



Exhaust gas emissions of BE Environment in 2023

NO_x emissions

1,928 tonnes

Sulfur Dioxide tonnes

504 tonnes

Dioxin

58 milligram

Dust

45 tonnes

Carbon Monoxide

190 tonnes



Protect the Ecology and Environment

The ecology and environment are indispensable to life on the earth as the foundation of ecosystems and the prerequisite of human well-being and sustainable development. The Group relentlessly promotes biodiversity conservation, abides by ecological conservation redlines, and vigorously disseminates environmental knowledge, for the ultimate purpose of contributing to the harmonious coexistence between humans and nature.

Conserve biodiversity

We attach great importance to biodiversity conservation and always prefer more eco-friendly construction methods to mitigate the impact on the ecology and environment. The site selection for all projects under the Group avoids ecological protection redlines, permanent basic farmland, and other areas requiring special protection. During the environmental impact assessment (EIA) stage before the project commences, we conduct a systematic evaluation of environmentally sensitive objects within a project site and keep a safe distance from them to our facilities and plants to meet the requirements of the EIA.

Deeply appreciative of the importance of ecological restoration to sustainable development goals, BE Environment takes on ecological restoration projects with great enthusiasm, which help improve damaged ecosystems and enhance livability for local communities. In ecological restoration projects, BE Environment deploys a wide range of tools, such as forest vegetation restoration and protection, wetland restoration and protection, and improvement of aquatic ecosystems. These measures help enhance ecosystem stability and make environmental conditions more favorable for species to reproduce and prosper amid greater biodiversity.



Case: BE Environment undertook ecological restoration of the Urban Green Heart Forest Park

The ecology-focused company under the Group contributes to ecosystem restoration by undertaking relevant projects vigorously. In 2023, it completed the ecological restoration project for the Urban Green Heart Forest Park, with a total greening area of approximately 7.39 square kilometers. We implemented comprehensive measures such as biological control and ecological landscaping maintenance to reduce the pollution of surrounding soil, air, and water bodies caused by pesticides and chemical fertilizers, while gradually increasing the diversity of plants and animals within the park.

According to biodiversity surveys, the park currently has 2 species of rabbits, 15 species of birds, 50 colonies of hedgehogs, 5 species of butterflies, 5 species of fish, wild ducks in 8 colonies, and 8 species of bees. The project has received the Municipal Gold Award from the Beijing Landscaping and Greening Enterprise Association and the National "Science and Technology Innovation Award" from the Chinese Society of Landscape Architecture. These awards speak volumes about the outstanding work of the project team in ecological restoration and biodiversity conservation.



The restored Urban Green Heart Forest Park

Environmental protection publicity

BE Environment proactively launches environmental publicity campaigns and works closely with employees, the general public, and other stakeholders to jointly advance environmental undertakings. We help employees know more about environmental protection and encourage them to proactively participate in various activities, making their own contribution to environmental protection. The Group also conducts public education through street promotions, community lectures, media coverage, and other channels. They disseminate knowledge and concepts to raise public awareness and guide people to take concrete action with practical tips and guidelines.

Case: The Haidian project of BE Environment held an open day

On the 2023 World Environment Day, the Haidian project of BE Environment held an open day event themed "Building a Harmonious Coexistence Between Humans and Nature" to spread the concept of ecological civilization to the general public. We gave a lecture on "Trash-to-Treasure via Recycling" to visiting middle school students and organized them to tour the environmental science popularization corridor. We explained to them incinerators, slag, leachate, flue gas purification, power generation and other elements of the waste incineration processes and put on full demonstration of the social value of "trash-to-treasure" and the importance of ecological and environmental protection, encouraging students and citizens to be active promoters and exemplary practitioners of the eco-civilization.



Students visited the environmental science popularization corridor

Case: The Yanzhou project of BE Environment carried out a publicity activity centering around the "June 5 World Environment Day"

In June 2023, the Yanzhou project of BE Environment carried out a round of publicity centering around the World Environment Day that fell on June 5 in a residential compound. During the activity, the publicity team distributed leaflets to help the public better understand harmless treatment technologies for household waste and thus tackle the "NIMBY" (Not In My Backyard) mentality towards waste incineration activities adjacent to the project site. The publicity instilled in residents a stronger environmental awareness and greater enthusiasm of engaging in concrete actions. It also fostered a more harmonious atmosphere among the residents by boosting their interactions and brought the project company closer to residents in the proximity.



On-site advocacy

Respond to Climate Change

As the climate continues to change and extreme weather events become increasingly frequent, the urgency for greenhouse gas reduction is growing. The Group proactively responds to the challenges of global climate change and aligns itself with China's carbon peaking and carbon neutrality initiatives. It is committed to helping regions where it operates improve their climate resilience, and reducing its carbon emissions by adopting environmentally friendly technologies, increasing energy efficiency, and promoting renewable energy, thereby striking the perfect balance between economic development and environmental protection.

Climate Risks and Opportunities

The Group has tailored its climate risk management measures to its own business reality. It has formulated the *Comprehensive Response Plan for Emergencies* for acute physical risks. The document has laid out comprehensive and detailed planning from such angles as overarching principles and organizational structure, responsibilities of responding entities, early warning and response, actual handling, and emergency support.

Physical risks

The Group's business operations and assets may be prone to various kinds of impacts from physical climate risks. The following is BE Environment's analysis of the identified material physical risks:



Extreme weather events

BE Environment's operations may be affected by extreme weather events. Events such as extreme precipitation, floods, and typhoons may damage or disrupt facilities such as solid waste treatment plants of its project companies, thereby affecting the Group's assets, service capabilities, and revenue.



Reduced precipitation and drought

Climate change may lead to reduced precipitation and intensified droughts in certain regions. This could result in water undersupply, impacting the Group's daily operations. Reduced water supply may bring instability, while droughts could lead to deteriorating water quality and supply disruptions, affecting the Group's operations and revenue.



Rising sea levels

As the global climate changes, rising sea levels have become an increasingly severe issue. For BE Environment specifically, rising sea levels may threaten projects in coastal areas and increase environmental pollution and employee safety risks. In addition, rising sea levels may put coastal flood control infrastructure under greater stress, which will entail allocating more resources for repair and protection.

Transition risks

As an environmental service enterprise, the Group may be prone to various impacts from transition climate risks. The following is BE Environment's analysis of the identified material transition risks:



Policy compliance risk

As governments and international organizations become concerned with climate change, relevant policies and regulations are continuously being adjusted and strengthened. Therefore, during the transition process, the Group may face changes in policies and regulations, such as carbon emission quotas and reduction targets, which could impact its business model and profitability. The Group needs to stay informed and adapt to these changes and adjust its business strategies and technological approaches when necessary to ensure compliance.



Technological innovation risk

Against the backdrop of escalating transition climate risks, the waste-to-energy incineration industry is facing increasingly stringent emission restrictions, which will push upward the costs of upgrading the Group's projects to meet higher emission standards. The Group must continuously innovate technologically to provide customers with advanced environmentally friendly solutions. However, the development and application of new technologies may come with technical risks and uncertainties, including technological feasibility, cost-effectiveness, and market acceptance. The Group needs to assess and manage technological innovation risks when proceeding with the business transition process to ensure that the chosen technological solutions can deliver the expected environmental and economic benefits.



Market demand and competition risk

Transition climate risks can arise from changes in market demand and the competitive landscape. As people pay more attention to environmental protection, the market demand for environmental services and clean technologies may grow. However, that will intensify competition. In response, BE Environment needs to continuously enhance its competitiveness and innovation capabilities to adapt to market changes and meet customer needs.



Funding and investment risk

The Group needs to make investments and allocate funds to adopt clean energy and low-carbon technology and construct environmental protection facilities. During the process, BE Environment needs to prudently assess and manage funding and investment risks from such perspectives as feasibility of funding sources, expected investment returns, and risks to ensure effective use of funds and investment sustainability.



With the ever rising carbon emission costs, the waste-to-energy incineration industry that the Group is in faces not only challenges but also unprecedented opportunities from the increasing demand for greenhouse gas reduction. The Group has been proactively preparing for carbon trading and has already participated in it, which is part of its efforts to address the challenges of carbon emission reduction and explore new business opportunities. The Group has explored various policies and schemes such as carbon emission quotas allocated to major polluting enterprises and the domestic and international voluntary carbon markets, evaluating their relevance for different projects and acting accordingly. These measures aim to effectively manage and reduce carbon emissions and pursue reasonable emission allowance trading in carbon markets.

In 2023, the Group successfully participated in carbon quota trading in the China National Emission Trading Scheme. This milestone put the Group in a better position to meet carbon reduction requirements and also unleashed both economic and environmental benefits for it. Through participation in the trading scheme, the Group has effectively reduced its carbon emission costs, enhanced its competitiveness, and further cemented its leading position in environmental protection and sustainable development.

Furthermore, climate change will further exacerbate biodiversity loss. Reduced biodiversity may lead to ecosystem disruption, affecting water resource quality and ecological stability. This will drive demand for environmental protection and ecological restoration in the society, which is favorable for the development of BE Environment's environmental and ecological businesses.

Carbon Reduction Performance

The Group continues to press ahead with carbon emission reduction endeavors, striving to make greater contributions to achieving sustainable development and addressing climate change through concrete actions. In 2023, the Group generated a total of 1,603,784,000 kWh of electricity with renewable energy, which is equivalent to saving 482,257 tonnes of standard coal and reducing greenhouse gas emissions by 1,253,870 tonnes of carbon dioxide equivalent.

The Group generated a total of

1,603,784,000 kWh

of electricity with renewable energy

Which is equivalent to saving

482,257 tonnes

of standard coal

Reducing greenhouse gas emissions by

1,253,870 tonnes

of carbon dioxide equivalent

Scope¹: Direct greenhouse gas emissions**5,499** tonne of carbon dioxide equivalentScope²: Indirect greenhouse gas emissions**8,196** tonne of carbon dioxide equivalent

Total greenhouse gas emissions

13,695 tonne of carbon dioxide equivalent

Overall carbon intensity

7.08 tonnes of carbon dioxide equivalent/million of revenue

In 2023, we continued to promote carbon reduction initiatives in our subsidiaries and projects. Through many technical upgrades, we unleashed our potential in energy conservation and emission reduction and obtained more gains from the process.



Case: Technological upgrade of spraying leachate into the incinerator

In many projects, BE Environment achieved effective nitrogen control and reduced production costs by the injection of raw leachate into the incinerator. In 2023, the Haidian and Shuyang project initially completed the technical retrofitting for applying the technology, with visible gains in energy conservation. Notably, the Taian project witnessed a 50% year-on-year reduction in urea and power consumption for leachate treatment facilities and an annual reduction of power consumption of 445,100 kWh, which is equivalent to a reduction of 253.84 tonnes of carbon dioxide equivalent.

The Taian project witnessed a

50 %



year-on-year reduction in urea

An annual reduction of power consumption of

445,100 kWh



which is equivalent to a reduction of

253.84 tonnes



of carbon dioxide equivalent

¹ Scope 1 greenhouse gas emissions originate from combustion of fuel (liquefied natural gas and diesel) in stationary sources and the fuel (petroleum) in motor vehicles. The LNG emission factor was determined in reference to the *Guidelines on Greenhouse Gas Emissions Accounting and Reporting for Enterprises in Other Industries* issued by the National Development and Reform Commission, China on July 6, 2015; the emission factors for diesel and motor vehicles refer to *How to prepare an ESG Report Appendix 2: Reporting Guidance on Environmental KPIs* published by the Stock Exchange of Hong Kong Limited in March 2020.

² Scope 2 greenhouse gas emissions originate from the consumption of purchased electricity. The emission factor for purchased electricity refers to the *Notice on Doing a Good Job in 2023-2025 Reporting and Management of Greenhouse Gas Emissions of Power Generation Enterprises* issued by the Ministry of Ecology and Environment of the People's Republic of China on February 7, 2023.

PART 03

Embrace Corporate Citizenship

In line with its core corporate spirit of “Integrity, Innovation, Pragmatism, and Inclusiveness”, BE Environment handles human resource matters in an equitable and inclusive manner, creates a healthy and safe workplace, and safeguards the well-being and legitimate rights and interests of employees. In addition, we join hands with stakeholders to carry out charity and public-welfare activities, gradually fostering an atmosphere for employees to participate in public-welfare events proactively and enthusiastically.

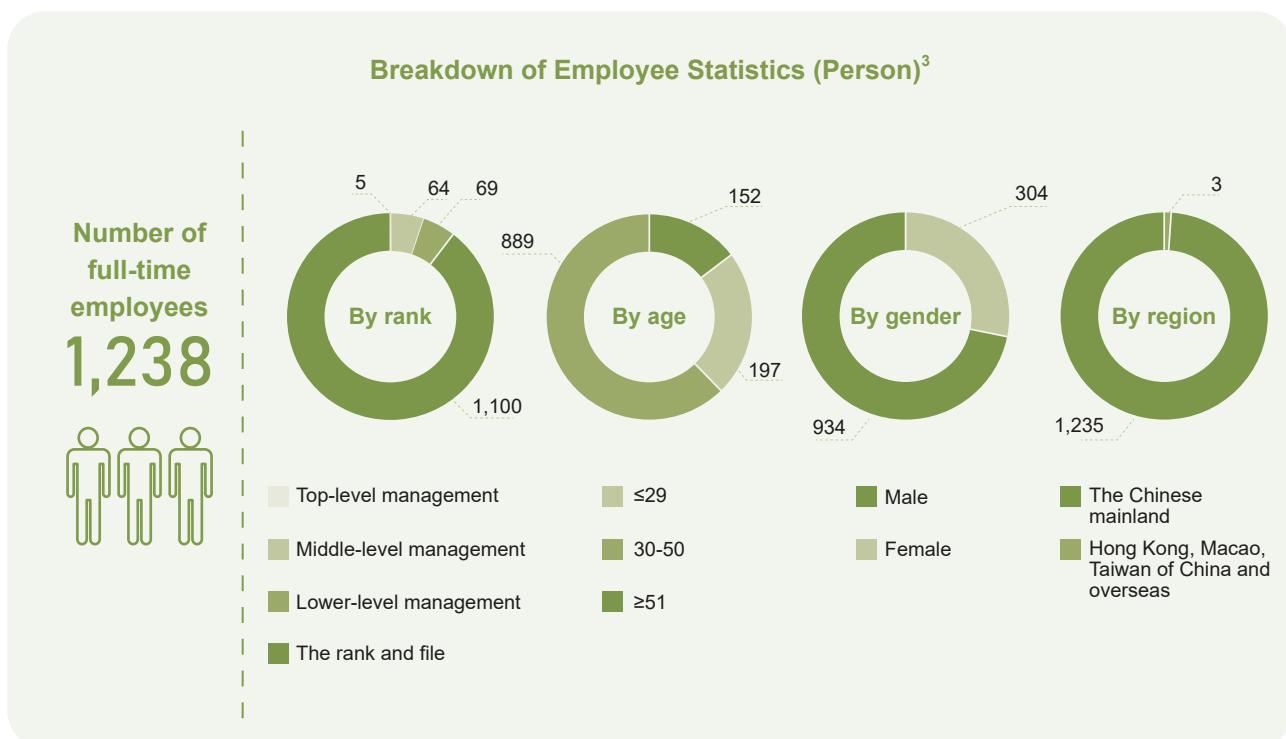
Safeguard Legal Employment

The Group provides diverse and equal employment opportunities welcomes talents in a sincere and pragmatic manner. It has established a reasonable remuneration scheme with diversified benefits system. It facilitates democratic engagement with employees through various communication and feedback channels, as part of its efforts to foster harmonious and stable ties with the employees.

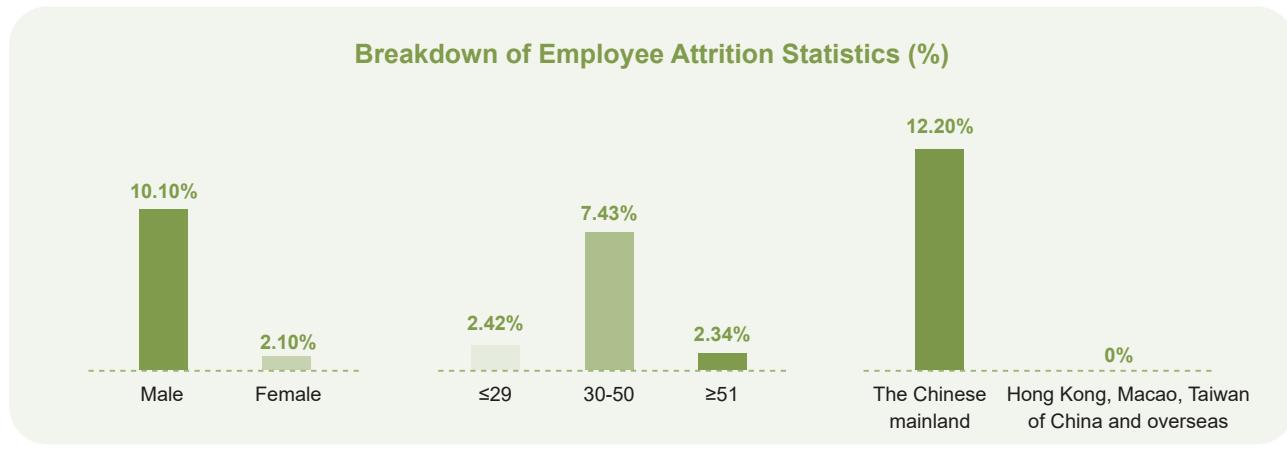
Employment

The Group strictly complies with laws and regulations and UN conventions such as the *Labor Law of the People's Republic of China*, the *Labor Contract Law of the People's Republic of China*, the *Law of the People's Republic of China on the Protection of Women's Rights and Interests*, *Provisions on Prohibition of Child Labor*, and *Convention on the Elimination of All Forms of Racial Discrimination*. It has formulated various employment systems such as the *Labor Contract Management Measures* and the *Recruitment, Employment and Resignation Management System*, which stipulate dealing with talents in a fair and just manner to build a vibrant talent base. In 2023, the Group formulated and issued the *Labor Rights and Interests Policy*, stating commitments in areas such as remuneration, recruitment and promotion, equal opportunities, diversity, and anti-discrimination. This policy mandates compliance of all stakeholders, including all the employees, suppliers, and contractors.

The Group pledges to ban any discriminatory behavior in recruitment, training and other employment-related manners based on gender, age, marital and reproductive status, sexual orientation, region, nationality, ethnicity, race, religious beliefs, or health conditions. It is committed to creating a diverse, harmonious and relaxing workplace. Moreover, we have made clear commitments to avoiding forced labor and child labor and effectively safeguarding labor rights. For illegal and unethical acts such as discrimination, harassment, and defamation, the Group has set up complaint and whistleblowing channels. Upon receipt of a complaint, appropriate handling measures will be chosen based on the actual circumstances, and in cases of gross offense, the employment relationship may be terminated. In 2023, the Group did not have any violations related to discrimination, harassment, employment of child labor, or forced labor.



³ The data only includes employees who have signed labor contracts.

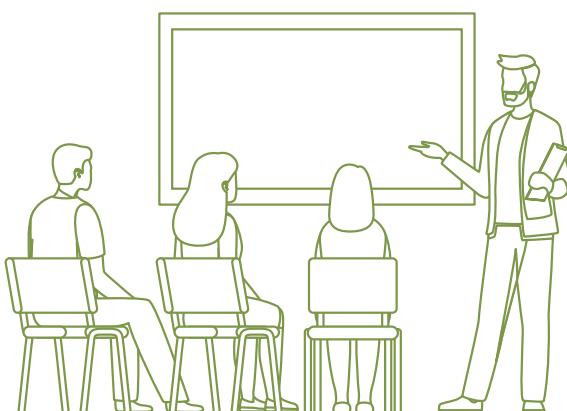


Employee Benefits and Communication

The Group adheres to the principle of equal pay for equal work and has established a remuneration system that includes base salary and performance-based pay. It has formulated performance management policies such as the *Performance Appraisal Management Measures for Subsidiaries* and the *Performance Management Measures for the Operating Management Team of Subsidiaries* to establish a systematic and scientific employee appraisal and performance-based compensation model. Market insights are leveraged to inform the continuous adjustment of remuneration to provide employees with competitive salary and benefits. The Group conducts monthly, quarterly, and annual performance appraisals for the solid waste treatment business, new businesses, and landscaping and ecological businesses, incorporating factors such as business performance and ESG into the appraisal indicators. Based on the annual performance appraisal results, employee bonuses are distributed to recognize employees with outstanding performance on all indicators and incentivize employees to pursue better performance.

Upholding the tenet of “putting people first”, the Group formulated internal policies such as the *Regulations on Caring for Employees*, and the *Management System of Attendance and Leave*. They stipulate diversified non-monetary benefits for employees, including employee care, childcare, cultural and recreational activities, and career support. These caring measures encompass retiree care, parent-child activities, shuttle bus services, examination leave, reading corners, and summer “cool-off”. They all improve employees’ physical and mental well-being and enhance their sense of belonging. In addition, the Group makes extra efforts for female employees, for example, nursing rooms that ensure their privacy and comfort, and paid maternity leave, nursing leave, and other female-specific leave benefits.

The Group listens to employees and addresses their reasonable concerns. The communication mechanisms undergo continuous improvement to ensure that employees can communicate with management about working conditions and management issues in a fair, impartial, and open manner and trust us more. We comply with the *Trade Union Law of the People's Republic of China*, and accordingly established trade unions to support employees' rights to express opinions and engage in collective bargaining, and provided access to management for inquiries and whistleblowing regarding violations, so that employee interests can be respected and protected.



Boost Employee Development

The Group provides employees with diverse development channels and establishes a multi-faceted training system encompassing knowledge and skill enhancement as well as teamwork. We help employees unleash their potential and support their personal career development goals while creating a talent pool to provide a continuous driving force for the Group's long-term development.

Development Pathways

The Group offers employees diverse development pathways such as internal recruitment, job transfers, and promotion opportunities, fostering a fair and transparent career development environment. We regard individual capability as an essential criterion for employee promotion and have established a talent evaluation system based on business performance, capability, and work results. This system incentivizes employees to continuously improve their skills and professional competency. We encourage employees to seek new development opportunities internally, allowing them to apply for positions more suited to their abilities and interests. This approach enables employees to move upward in the same position or move across different positions in a company, which goes a long way towards selecting outstanding talents and building a comprehensive talent system.

Training Systems

The Group continuously reinforces its talent development mechanism. It taps into in-house resources and third-party professional institutions to provide training courses covering legal knowledge, safety management, policy interpretation and promotion, and other topics for employees at all levels. On top of such general training, we have various specialized training programs to address employees' deficiencies in specific business areas or skills and help them keep up with cutting-edge know-how and thus better adapt to industry changes. In 2023, the Group adopted diverse, interactive and fun teaching methods and modes such as mock training and teamwork. The training sessions covered different topics, such as team performance enhancement, occupational disease prevention and treatment as well as emergency response skills, and boiler training. They are great opportunities for employees to learn and master knowledge and skills in a relaxed and joyful atmosphere.

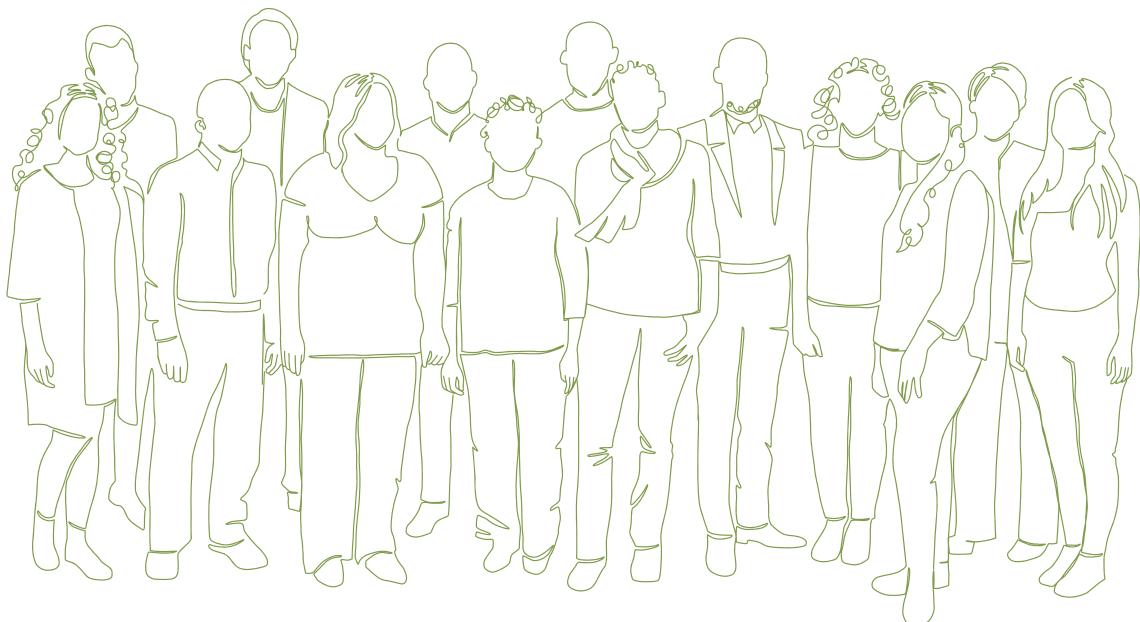
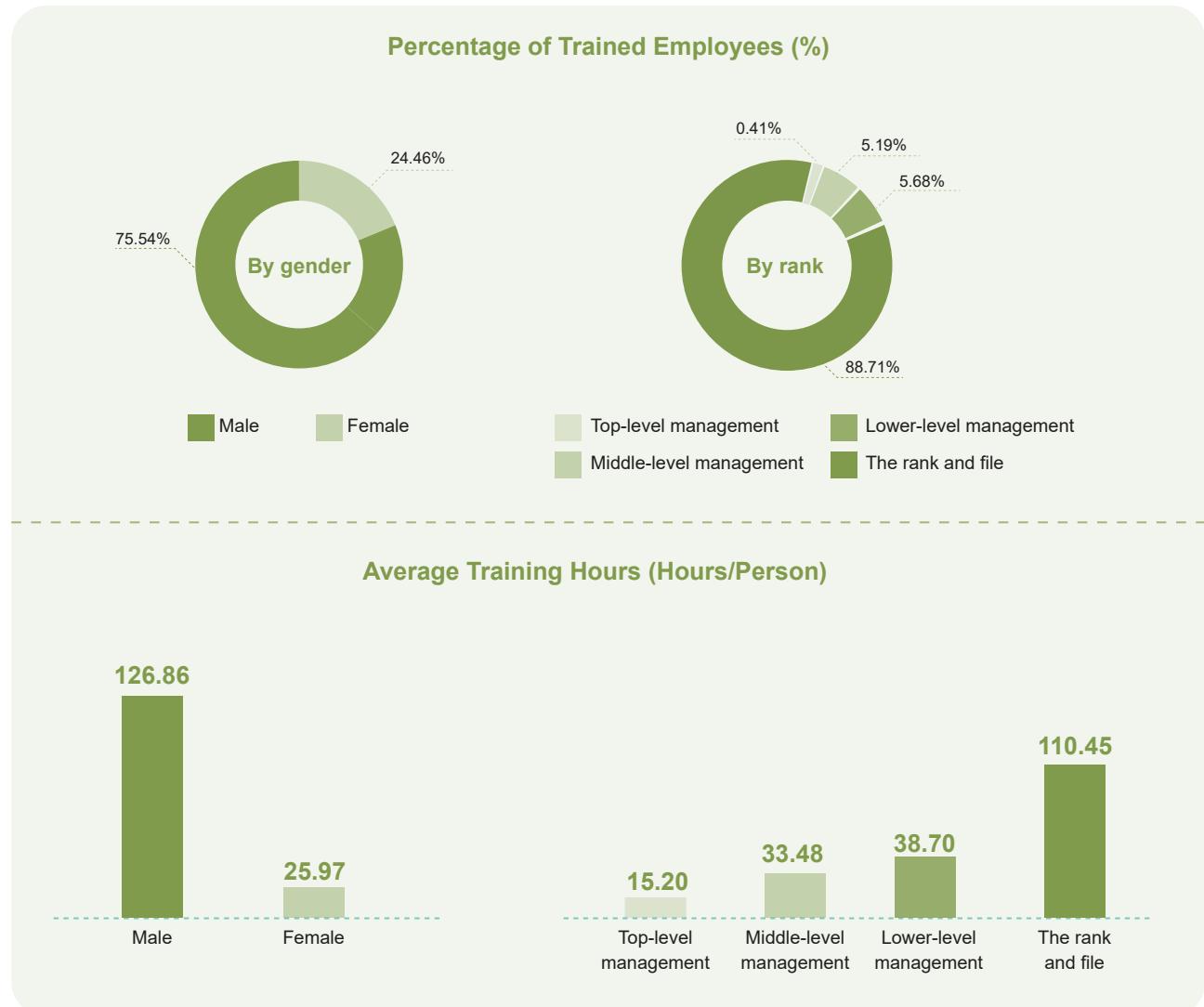


Case: BE Environment conducted a team performance enhancement training

In 2023, BE Environment organized a team building and performance enhancement training themed "Run Youth". It designed various team exercises such as organizational cohesion, goal fulfillment, cooperation between teams, and cultural building, as well as learning content including well-organized expression, and communication and collaboration. A total of 37 employees took part. Through hands-on simulations for applicable scenarios, practical application and other diverse training methods, we pushed participants to step out of their comfort zones and also appreciate the necessity of relying on teamwork to surmount shared obstacles. In addition, participants developed greater trust and collaboration among team members. Thus, cohesiveness and team performance were both improved.



Group picture of the participants in the team performance enhancement training



Safeguard Safety

The Group steadfastly safeguards the two lines of defense for safety, which are safety production and occupational health, providing employees with a work environment that meets health and safety standards. The Group makes multi-pronged efforts to protect employee health and safety, such as conducting safety training and emergency drills, implementing occupational disease prevention and treatment measures, and providing occupational health examinations. In 2023, we continued to improve our occupational health and safety management system. Four of our projects, accounting for 40% of project sites, have obtained the certification of the ISO 45001 occupational health and safety management system.

Workplace Safety

The Group carries out all kinds of production and operation activities scientifically and in compliance with relevant laws and regulations such as the *Labor Law of the People's Republic of China* and the *Fire Control Law of the People's Republic of China*, as well as workplace safety systems formulated by itself. The Group sets the goal of "zero accidents, zero injuries, and zero pollution" for workplace safety, which applies to all employees and contractors as well. To guard against and rein in safety risks, we have formulated inspection plans and carried out on-site inspections at project sites to identify and treat potential danger, and make rectifications of safety problems, ensuring timely identification and thorough rectification to nip risks in the bud.

Safety Targets and Indicators of BE Environment



Safety targets

- Zero slight or more severe fire and explosion accidents
- Zero serious personal injury or fatality accidents due to violations of safety regulations
- Zero slight or more severe accidents involving the use of equipment or special equipment
- Zero traffic accidents resulting in fatality for which the Group bears primary responsibility
- Zero occupational disease accidents
- Zero slight environmental pollution accidents
- No mass incidents that could potentially affect social stability for which the Group bears responsibilities



Safety indicators

- 100% satisfactory hazard rectification rate
- 100% employee training and qualification rate
- 100% certification rate for personnel engaged in special operations
- 100% compliance rate for hazardous work permits
- 100% reporting rate for all safety, health, and environmental accidents and incidents

In 2023, the Group conducted 2,877 safety hazard inspections, and identified 6,383 risks and hazards. Throughout the year, no safety accidents occurred for which the Group bore primary responsibility, and there were zero workdays lost to work-related injuries.

Employee Work-related Fatality in 2021-2023

Indicator	Unit	2021	2022	2023
Number of employee work-related deaths	Person	1	0	0
Percentage of employee work-related deaths	%	0.07	0	0

The Group has requested all project companies to formulate emergency response plans tailored to their own business reality. Such emergency plans cover emergency response, accident handling, and emergency support, among others, designed to help improve safety management and ensure effective response in emergencies. Furthermore, we continue to carry out specialized emergency drills covering a wide range of scenarios such as fires, hazardous material leaks, poisoning, and electric shocks. Various safety training courses are organized for employees and suppliers. Thanks to the combination of theoretical knowledge and hands-on drills, relevant personnel will stay more alert to safety risks and be better-equipped to respond to emergencies.

In 2023

The Group organized

1

safety training session

2

emergency drills

A total of

202

drills of various types conducted

RMB **20.2247** million

invested in production safety



Case: BE Environment carried out a series of emergency drills

In 2023, we devised and carried out a series of emergency drills on safety incidents, including fire and hydrochloric acid leakage. Under the premise of ensuring absolute safety, we conducted drills in open spaces following professional drill protocol, with protective equipment and first aid supplies in place. This series of drills reinforced employees' safety awareness and significantly improved their practical skills in handling emergency safety incidents, as well as the communication and collaboration capabilities between different departments. The experience and gains from the drills serve as valuable reference and lay a solid foundation for future safe operations.



Series of emergency drills on site

Case: BE Environment promoted learning through the “Ankang Cup” Competition

In 2023, together with project companies under BE Environment, we held the 2nd “Ankang Cup” Competition themed “safety and emergency response skills for everyone”. The competition designed creative forms, such as workshops, safety training sessions, safety knowledge contests, and emergency response drills for electric shock accidents. They all served the purpose of helping project employees master safety knowledge and skills demanded by their post. The competition provided a platform for project companies to exchange with and learn from each other, enhanced project leaders’ safety management capabilities and reinforced employees’ awareness of workplace safety, thereby ensuring a well-organized and safe workplace.



Captured moments of the “Ankang Cup”

Occupational Health

The Group strictly abides by laws and regulations such as the *Law of the People's Republic of China on the Prevention and Control of Occupational Diseases*. It adheres to the principle of “prioritizing prevention while combining prevention with treatment” and continuously improves its occupational health management system. We vigorously conduct occupational hazard detection and control activities. In workplaces with potential occupational health hazards, we have put up warning signs and instructions. On publicity boards and bulletin boards, we present the relevant hazard control indicators, explain occupational health management systems, and the operational procedures for different posts to ensure occupational health. In 2023, to further enhance employees' awareness of occupational disease prevention and control, the Group organized activities to familiarize employees with the *Law of the People's Republic of China on the Prevention and Control of Occupational Diseases* and conducted training on occupational disease prevention, impressing on employees the harm of occupational diseases and the necessity of prevention and treatment.

The Group places great emphasis on monitoring the concentration of toxic and hazardous substances during operations. We equip workers with toxic gas detectors to ensure timely detection of and response to potential dangers. Furthermore, we carry out equipment upgrading and replacement, there are regular inspections of employees' use of labor protection supplies on-site to ensure correct use of personal protective equipment, aiming to reduce occupational hazards from the source.

The Group continuously improves its occupational health examination system and ensures its proper implementation, and also steps up health status monitoring. In addition to on-the-job employee health check-ups, pre-employment and post-employment health check-ups are also carried out to timely spot health issues and promptly take preventive and treatment measures. In 2023, 100% of the Group's employees underwent occupational health examinations, and no major occupational health accidents occurred for which the Group was primarily responsible.

| **In 2023**
| Coverage rate of occupational
| health examinations for the
| Group's employees

| **100%**



Engage in Public Welfare Activities

Tapping into its resource advantages, BE Environment continuously organizes and participates in various public welfare activities in multiple fields such as education, environment, and health. These are the concrete efforts it makes to fulfill its corporate social responsibility and promote societal progress. In 2023, BE Environment donated RMB 82,200 to public welfare projects, with 194 person-times and 717 hours spent.

BE Environment donated

RMB **82,200** to public welfare



717 hours spent



With

194 person-times



Case: BE Environment conducted a community outreach event

In 2023, the Party Committee of BE Environment and Party Committee of Beijing Qidong Jiayuan Community, the base for BE Environment, launched a community outreach event, taking concrete action to demonstrate its exemplary role. We invited community residents to visit our waste incineration project, helping them understand waste treatment and resource utilization processes, and appreciate the ecological value of reuse and reduce. This boosted their awareness of environmental protection as well. Meanwhile, we organized voluntary activities of distributing garbage classification bags, disseminating ways of waste sorting, and collecting white pollution waste, jointly creating a clean and beautiful community.



Community voluntary activities organized by BE Environment

Case: The Taian project of BE Environment organized a voluntary blood donation

To celebrate the World Blood Donor Day on June 14, 2023, the Taian project of BE Environment organized a voluntary blood donation themed "small blood drops show big love from donors". The Group has been doing this for the eighth year consecutively since 2016, and it put on full display our respect and love for life and the spirit of mutual assistance. Professional medical staff were there to guide every donor to complete the procedures of form filling, initial screening, and blood collection, etc., making sure the entire process is safe and orderly. A total of 25 people took part and donated 8,600 milliliters of blood.

A total of

25 people



took part in blood donation

Donated

8,600 milliliters of blood



Group photo of blood donors from BE Environment



HKEX ESG Reporting Guide

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Environmental	
A1 Emissions	
General Disclosure	
Information on:	
(a) the policies; and	P15、P22
(b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to air and greenhouse gas emissions, discharges into water and land, and generation of hazardous and non-hazardous waste.	
A1.1 The types of emissions and respective emissions data.	P16
A1.2 Total greenhouse gas emissions (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	P22
A1.3 Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	P15
A1.4 Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	P15
A1.5 Description of measures to mitigate emissions and results achieved.	P15
A1.6 Description of how hazardous and non-hazardous wastes are handled, reduction initiatives and results achieved.	P15
A2 Use of Resource	
General Disclosure	
Policies on the efficient use of resources, including energy, water and other raw materials.	P14
A2.1 Direct and/or indirect energy consumption by type (e.g. electricity, gas or oil) in total (kWh in' 000s) and intensity (e.g. per unit of production volume, per facility).	P14
A2.2 Total water consumption and intensity (e.g. per unit of production volume, per facility).	P14
A2.3 Description of energy use efficiency initiatives and results achieved.	P14
A2.4 Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency initiatives and results achieved.	P14
A2.5 Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced.	Not applicable
A3 The Environment and Natural Resources	
General Disclosure	
Policies on minimising the issuer's significant impacts on the environment and natural resources.	P14、P17
A3.1 Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them.	P14、P17、P18
A4 Climate Change	
General Disclosure	
Policies on identification and mitigation of significant climaterelated issues which have impacted, and those which may impact, the issuer.	P19-P22
A4.1 Description of the significant climate-related issues which have impacted, and those which may impact, the issuer, and the actions taken to manage them.	P19-P22

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Employment and Labour Practices		
B1 Employment		
General Disclosure		
Information on:		
(a) the policies; and		P24-P25
(b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare.		
B1.1	Total workforce by gender, employment type, age group and geographical region.	P24
B1.2	Employee turnover rate by gender, age group and geographical region.	P25
B2 Health and Safety		
General Disclosure		
Information on:		
(a) the policies; and		P28、P30
(b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to providing a safe working environment and protecting employees from occupational hazards.		
B2.1	Number and rate of work-related fatalities occurred in each of the past three years including the reporting year.	P29
B2.2	Lost days due to work injury.	P28
B2.3	Description of occupational health and safety measures adopted, how they are implemented and monitored.	P28-P30
B3 Development and Training		
General Disclosure		
Policies on improving employees' knowledge and skills for discharging duties at work. Description of training activities.		P26
B3.1	The percentage of employees trained by gender and employee category (e.g., senior management, middle management).	P27
B3.2	The average training hours completed per employee by gender and employee category.	P27
B4 Labour Standards		
General Disclosure		
Information on:		
(a) the policies; and		P24
(b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.		
B4.1	Description of measures to review employment practices to avoid child and forced labour.	P24
B4.2	Description of steps taken to eliminate such practices when discovered.	P24

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B5.1	Number of suppliers by geographical region.	P12
B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, and how they are implemented and monitored.	P12
B5.3	Description of practices used to identify environmental and social risks along the supply chain, and how they are implemented and monitored.	P12
B5.4	Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored.	P12
B6 Product Responsibility		
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Information on:		
(a) the policies; and		Not applicable
(b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to health and safety, advertising, labelling and privacy matters relating to products and services provided and methods of redress.		
B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.	Not applicable
B6.2	Number of products and service-related complaints received and how they are dealt with.	P10
B6.3	Description of practices relating to observing and protecting intellectual property rights.	P11
B6.4	Description of quality assurance process and recall procedures.	P10
B6.5	Description of consumer data protection and privacy policies and how they are implemented and monitored.	
B7 Anti corruption		
General Disclosure		
Information on:		
(a) the policies; and		P9
(b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to bribery, extortion, fraud and money laundering.		
B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases.	P9
B7.2	Description of preventive measures and whistle-blowing procedures, how they are implemented and monitored.	P9
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B8 Community Investment		
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Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take into consideration the communities' interests.		P31
B8.1	Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture, sport).	P31-P32
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