

# **2023** BEIJING ENTERPRISES GROUP ESG REPORT

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# **Report Specification**

### **Reporting Period**

The Report covers the environmental, social, and governance performance of Beijing Enterprises Group Company Limited and its affiliated enterprises from January 1 to December 31, 2023. Some of the contents may be beyond the above period.

### **Release Cycle**

The Report is released annually.

### **Reporting Boundary**

The Report covers the Headquarters and subsidiaries of Beijing Enterprises Group Company Limited. All typical cases are from its affiliated enterprises and the scope of data covers the enterprises in the consolidated statements.

#### Reference Standards

UN's 2030 Sustainable Development Goals (SDGs)

*GRI Sustainability Reporting Standards* issued by the Global Reporting Initiative (GRI)

Guidelines to the State-owned Enterprises on Better Fulfilling Corporate Social Responsibilities issued by the State-owned Assets Supervision and Administration Commission (SASAC) of the State Council

Guidelines to the State-owned Enterprises Directly under the People's Government of Beijing Municipality on Fulfilling Corporate Social Responsibility issued by the SASAC of People's Government of Beijing Municipality

*Environmental, Social, and Governance Reporting Guide* issued by the Stock Exchange of Hong Kong Limited

Guidelines on Environmental Information Disclosure by Listed Companies and Guidelines for the Preparation of the "Report on Corporate Social Responsibility" issued by the Shanghai Stock Exchange

#### **Data Source**

The historical data cited in the Report are the final statistics. In case of any discrepancy between financial data herein and those in the Annual Report, the latter shall prevail. The unit of financial data herein is RMB unless otherwise stated.

### **Appellation Description**

For the convenience of expression and reading, Beijing Enterprises Group Company Limited is also referred to as "Beijing Enterprises Group", "BG", "the Group" and "we" herein.

#### **Report Access**

The Report is available in both Chinese and English, including paper and online versions. For the online version, please visit the official website of BG (www.begcl.com) or scan the QR code below. For the paper version, please send an e-mail to esg@begcl.com. The Report is the 12<sup>th</sup> report of BG in practicing sustainable development. In 2022, the Group drew up the *Work Plan for the ESG Report of Beijing Enterprises Group Company Limited* and the system of indicators, which serve to fully guide the ESG work of the Group upon approval of the Board of Directors. Moreover, the *Guiding Opinions of Beijing Enterprises Group on Improving ESG Data Quality* were formulated to enhance the data quality. Since BG is a holding group, the Headquarters is not directly responsible for the production and operation, and all directly affiliated enterprises are responsible for the authenticity and reliability of the data.

### **Design Concept**

The Report details Beijing Enterprises Group's deep involvement in advancing public service and infrastructure industries to support the city's sustainable development by providing readers with an immersive experience through realistic urban elements such as the BG Building, Shougang Bridge, and Beijing Yanqi Lake International Convention & Exhibition Center. The Report fully showcases BG's vision of creating a better city through its core values, including original intent, modern management, extensive collaboration, employee care, environmental protection, technological innovation, workplace safety, and internal control.



Scan the QR code to read previous reports of BG

# Message from the leadership



### **Tian Zhenging**

Secretary of Party Committee, Chairman of Board of Directors Beijing Enterprises Group Company Limited

STAN TO

A new era comes and a brilliant chapter awaits us ahead. The year 2023 kicked off the campaign of comprehensively implementing the guiding principles of the 20th CPC National Congress and marked another year of BG's strenuous efforts for progress while maintaining stability. Faced with complex situations at home and abroad, BG, guided by Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, has earnestly followed the principles of the 20th CPC National Congress and 14th Five-year Plan, accumulating momentum, adapting to changes, and seeking breakthroughs constantly. We have registered remarkable performance and demonstrated great risk resilience, gaining more confidence and resolving to achieve high-quality development.

The past year has seen us pressing ahead through reform and innovation. To

enhance our level of governance as an SOE, BG has improved the modern corporate governance structure and system, given full play to the role of the board of directors in "deciding strategies, making decisions, and preventing risks", and formulated and revised 13 regulations. We have established comprehensive supervision to better fend off and control risks and fostered a legal compliance culture making sure all subsidiaries conduct self-evaluation for better internal control. Following the national strategy of strengthening the country through science and technology, BG has developed new quality productive forces, kept improving the sci-tech innovation system and mechanism, set up the platform for collaborative innovation, and promoted the commercial use of the innovations, so as to facilitate our transformation and upgrading.

The past year has seen us fulfilling our responsibilities for serving national strategy. BG has made sound plans and unremitting efforts to make the best use of the legacy of the Beijing Olympic Winter Games. The Yanging Olympic Zone has hosted five major winter events, welcoming the largest number of visitors since its opening on the first anniversary of Beijing 2022 Olympic Winter Games, and successfully transforming from a competition arena to a scenic area.

Acting on the guideline that "lush mountains and lucid waters are invaluable assets", we have adopted energy-saving and emission-reducing measures, accelerated tech improvement for environmental protection, and advanced green and low-carbon transformation in the urban consumer goods and urban property sectors, making BG's contributions to the green, low-carbon and high-quality development of cities.

Centered on serving the capital's development in the new era, we have developed the Yangi Lake area into an international convention hub to support Beijing's efforts to become a global exchange center. We have also made great efforts to help promote the implementation of the Beijing-Tianjin-Hebei coordinated development strategy in depth and breadth.

The past year has seen us working hard to build a harmonious society with a people-centered approach. When Typhoon Doksuri caused a serious flood, BG stepped up and made all-out efforts in disaster relief and post-disaster reconstruction. We pushed forward several livelihood projects with high quality, including renovating dilapidated communities, building resettlement apartments, and improving municipal facilities, creating a better living environment for the people. We also invested RMB45.81 million in the pairedup assistance program with six provinces and autonomous regions and provided assistance to four villages of Fengjiayu Town that are weak in their collective economy.

BG will continue to work tirelessly for high-quality development. The year 2024 marks the 75th anniversary of the founding of the PRC and is a critical juncture in the implementation of the 14th Five-year Plan. Standing at the new starting point of a new journey, we, under the firm leadership of the municipal government, the municipal state-owned assets supervision and administration commission, and the Party Committee of BG Group, will continue to pursue progress while maintaining stability with full confidence. Taking ESG as an effective means to delivering the "dual carbon" strategy, we will push for sustainable and high-quality development and play our due role in building a modern socialist country.

BG was defined by three keywords in 2023 - reform, transformation, and persistent efforts, Guided by Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, we have implemented the guiding principles of the 20th CPC National Congress on all fronts, adopting science-based measures, taking the initiative to assume arduous tasks, and sticking to the low-carbon direction in the endeavor to become a world-class enterprise featuring high-quality development and excellent ESG performance. By the end of 2023, BG's total assets reached RMB437.941 billion, with RMB128.851 billion of all-year operating revenues and RMB7.705 billion of total profits.

Ensuring high-quality development in main businesses. BG has maintained sustained and steady growth with a focus on five major businesses. We have invested in the Yanging Olympic Zone, which has become a national skiing resort; the Yangi Lake international convention hub, whose functions have been further upgraded; and the Beijing Gas Tianjin Nangang LNG Emergency Reserve Project, of which Phase I has commenced operation on schedule. Beijing Jingyi Automation Equipment was listed on the STAR Market of the Shanghai Stock Exchange, BG's first A-share-listed company since its establishment, marking a new milestone in our capital operation.

Enhancing BG's innovation capability through transformation.BG relies on reform and innovation for high-quality development. In the new round of the SOE reform campaign, BG was selected as one of the top 100 enterprises known for their economy of scale and impressive growth. We have developed the first full-stack, controllable, and large-scale SOE Cloud in Beijing, registering a breakthrough in its construction of digital infrastructure. We have worked harder to put together a top-grade sci-tech talent team and increased the proportion of scientific research personnel, making talented people the vibrant driving force of corporate development. We have built a demonstration zone of high-quality development in Beijing, turning the Jiao Ao Center into an innovation base integrating the government, industry, college, research institute, and users through strategic cooperation with Chaoyang District and Beijing University of Technology. BG has consistently driven industrial innovation with sci-tech innovation and quickened the steps of fostering and developing new quality productive forces.

Delivering green commitment through a low-carbon approach. Upholding the "dual carbon" strategy, BG has pressed ahead steadily with green, low-carbon and circular development. We have formulated the "BG Action Plan for Carbon Peaking", promoted industrial carbon reduction and low-carbon energy transformation, and taken active steps to cope with climate change, providing clients with green, low-carbon and efficient solutions. At the moment, BG has 35,000m2 of buildings of ultra-low energy consumption, about 707MW of renewable installed capacity, and renewable heating covering roughly 4.8 million square meters, helping to create a favorable ecosystem in cities. We have established a high-standard ESG system, and taken steps to practice the ESG concept, improve ESG governance, and enhance ESG performance, ranking 6th in the "ESG Vanguard 100 Index of SOEs" and 1st among Beijing-based SOEs.

Striding forward in the best time. In 2024, BG will continue to uphold Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, implement the guiding principles of the 20th CPC National Congress, and act on President Xi's important instructions for Beijing. We will break new ground in an unwavering spirit, accomplish our annual tasks, and earnestly perform our political, economic, and social responsibilities on the way to becoming a world-class enterprise by taking firmer, more confident steps.



## Zhu Guodong

Deputy Secretary of Party Committee, Director, President Beijing Enterprises Group Company Limited



# **About BG**

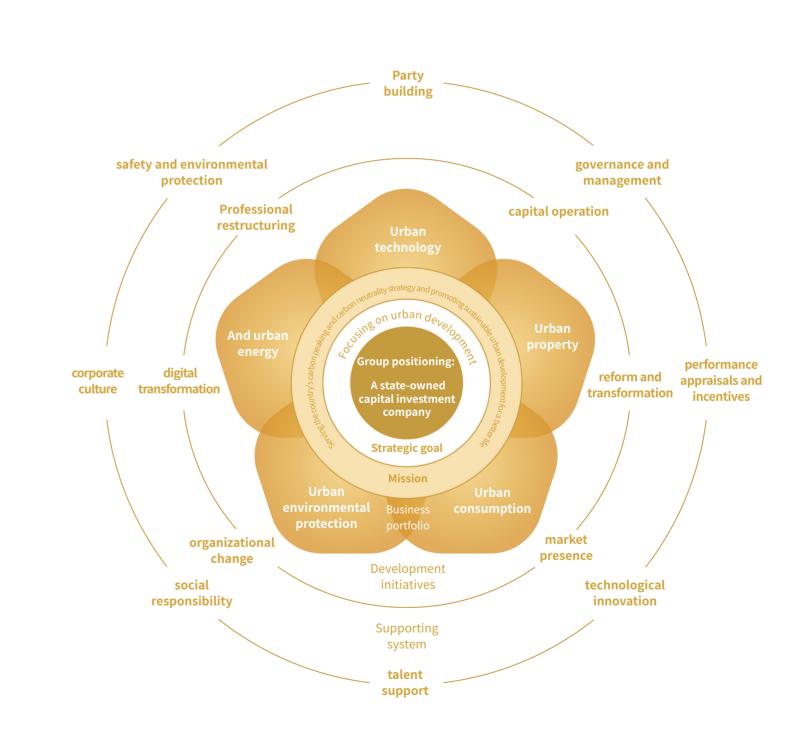
# **Group Profile**

Beijing Enterprises Group Company Limited, hereinafter referred to as "BG" or simply "the Group", was founded in January 2005. This large stateowned enterprise, funded by the Beijing Municipal Government, operates in both domestic and international markets, engaging in industrial operations and capital management. For several years, the Group has consistently ranked among the Top 500 Chinese Enterprises, achieving the 218th position in 2023. By the close of 2023, BG's total assets reached an impressive RMB 437.941 billion, with an operating income of RMB 128.851 billion and a total profit of RMB 7.705 billion.

Committed to its mission of "serving the country's carbon peaking and carbon neutrality strategy and promoting sustainable urban development for a better life," and aspiring to become "a leading provider of modern integrated urban services at home and abroad," BG is firmly rooted in Beijing while maintaining a global perspective. The Group is dedicated to offering comprehensive and integrated services tailored to modern urban development, prioritizing investments in urban public services, infrastructure development, ecological and environmental protection, livelihood improvements, and the cultivation of strategic emerging industries. These efforts aim to ensure equitable public services and interconnected infrastructure. Currently, BG's operations extend across more than 400 cities nationwide, with international ventures extending into Europe, North America, Oceania, and Southeast Asia.

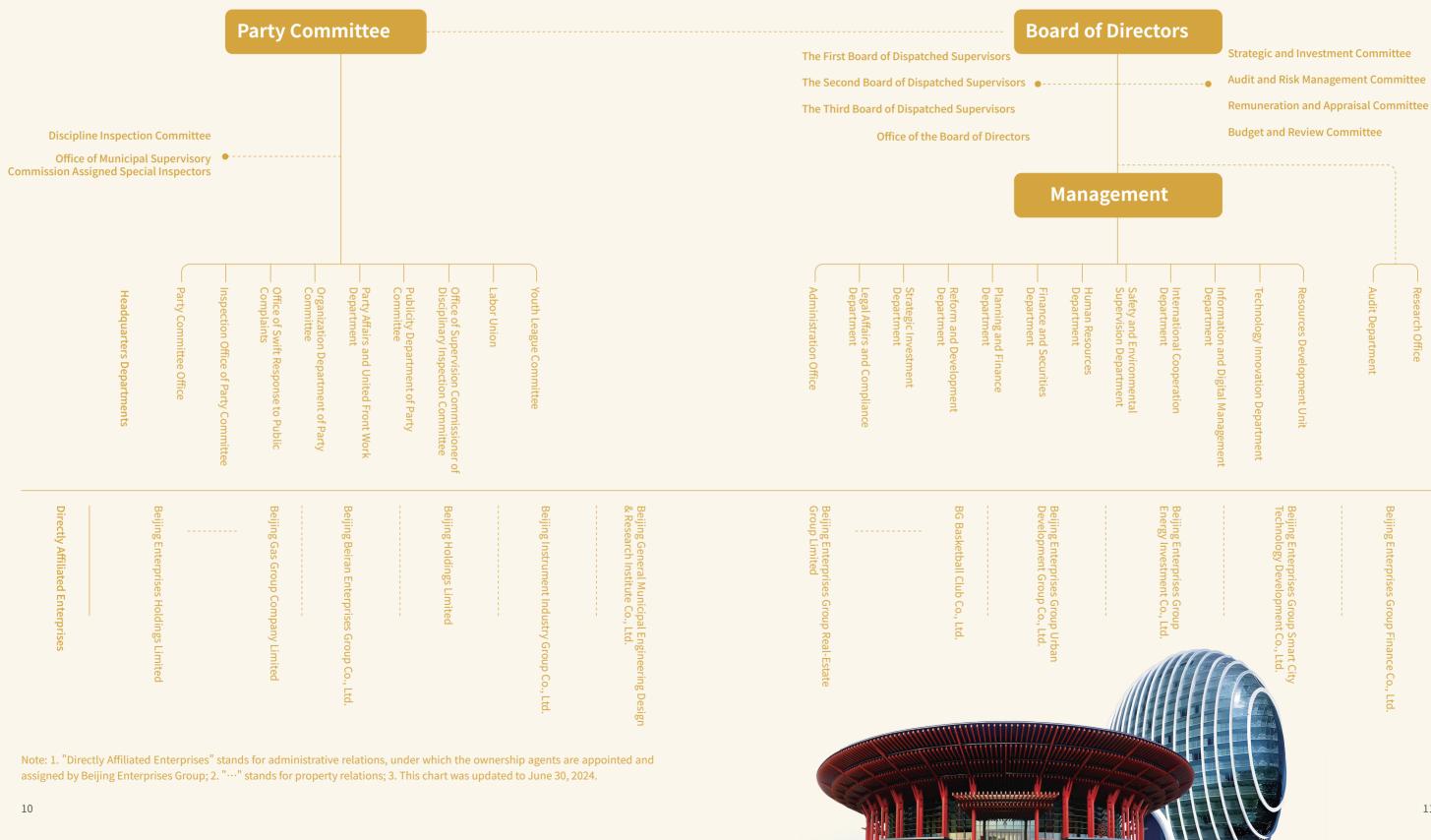
The Group has regularly undertaken significant national projects as well as initiatives within Beijing. The exemplary construction of the Yangi Lake International Convention & Exhibition Center was pivotal in successfully hosting the APEC China 2014 and the Belt and Road Forum for International Cooperation in 2017 and 2019. BG also completed the construction and support services for the venues in the Yanging Zone of the Beijing 2022 Olympic Winter Games, earning the distinguished title of "A Group Making Outstanding Contributions to the Beijing 2022 Olympic and Paralympic Winter Games" by the Central Committee of the Communist Party of China and the State Council. Furthermore, the Group is tasked with the construction of the Beijing sub-center and actively engages in the planning and development of state-level new areas, including the Xiong'an New Area.

# Development Strategy for the 14<sup>th</sup> Five-Year Plan Period





# **Organizational Structure**



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# **Party Leadership** Demonstrating **Political Responsibility**

The year 2023 was the first to see the full implementation of the guiding principles of the 20th National Congress of the Communist Party of China (CPC) and a crucial period for advancing the 14th Five-Year Plan. Guided by Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, Beijing Enterprises Group has comprehensively implemented the guiding principles set forth by the 20th National Congress of the CPC, diligently promoting theoretical study programs and ensuring rigorous standards of Party governance. It has consistently pursued the path of strengthening enterprises while fulfilling its responsibilities as a state-owned enterprise in the capital, demonstrating a strong sense of duty.

As a state-owned enterprise in the capital, Beijing Enterprises Group has consistently aligned with both domestic and international priorities, always keeping matters of national significance at the forefront. BG has served as a pillar across various domains, including the sustainable utilization of the Winter Olympic Games legacy, serving national and capital strategies, implementing the "one country, two systems" principle, participating in flood disaster relief efforts, and promoting rural revitalization. By transforming the Party's political, institutional, and organizational strengths into its developmental advantages, BG has remained steadfast in pursuing highquality development and making its contributions to the advancement of Chinese modernization.

# **Party Leadership Uniting Strength to Serve National and Capital Strategies**

Beijing Enterprises Group has consistently prioritized matters of national significance, with a steadfast commitment to serving both national and capital strategies. We have taken proactive, capable, and innovative measures to support the capital's development and promote coordinated regional growth, actively fulfilling our responsibilities as a state-owned enterprise and thereby establishing a strong reputation as a responsible and reliable state-owned entity.

# Serving the capital's development

The Group has actively contributed to the capital's development in the new era by fully supporting the construction of its "four centers" and consistently improving the quality of its "four services." Leveraging its strengths in urban comprehensive operations, BG has played a crucial role in establishing Beijing as an international exchange center.

#### • Serve the capital's urban operations:

Beijing Gas has successfully commenced operations and is steadily progressing with a project in Nangang, Tianjin, significantly enhancing the resilience of the capital's natural gas distribution system and ensuring a secure and stable energy supply for Beijing. BBEG has leveraged its advantage in heating, design, and liquefied gas to strengthen its capability to provide urban operational services for the capital.

#### **Develop the Yangi Lake International Conference Resort:**

BG has implemented a three-year action plan and a sustainable operation plan for the Yangi Lake International Conference Resort. By the end of 2023, the Qihu Hotel became fully operational, and the construction of the Yanbai Villa project was accomplished. These initiatives have strengthened market-oriented operations and elevated service standards, further enhancing the functions of the Yangi Lake International Conference Resort.

#### Support major international conferences: Q

BG has assembled a service support team that meets international standards, dedicated to providing services for major international conferences. The 24th China-France Strategic Dialogue was successfully held at Yanbai Villa, with the high-quality and comprehensive services receiving widespread acclaim.



# Promoting coordinated regional development

BG has actively implemented the national strategy of fostering coordinated development across the Beijng-Tianjin-Hebei region, taking on the role of a key player in constructing the Xiong'an New Area in Hebei Province and the Beijing Municipal Administrative Center. Additionally, BG has supported the development of the Beijing Daxing International Airport Economic Zone, proactively integrating into the overall plan for regional coordination and contributing BG's strength to advancing the coordinated development of the Beijing-Tianjin-Hebei region to new heights.



The transportation hub at Fengtai Railway Station, designed by BMEDI, facilitated the creation of a 1-hour commuting circle within the core areas of the Beijing-Tianjin-Hebei region

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### Support the construction of the Beijing Daxing **International Airport Economic Zone:**

infrastructure.

#### Deepen the development of $\bigcirc$ Xiong'an New Area in Hebei:

The Beijing General Municipal Engineering Design & Research Institute (BMEDI) has undertaken the design of the comprehensive utility tunnel in Xiong'an New Area and accomplished the design work for the Rongdong area. Beijing Gas has continued to provide gas services for local livelihood projects in the Xiong'an New Area, contributing to the area's development.

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Beijing Gas has advanced the planning and layout of utility pipelines, proactively preparing for integrated energy supply and distributed photovoltaic projects while expediting the construction of livelihood projects in the region. It has also completed the gas supply tasks for resettlement housing at Daxing International Airport. Additionally, Beijing Gas and Heating Engineering Design Institute has undertaken gas engineering projects for commercial blocks within the Beijing Daxing International Airport Economic Zone, enhancing and expanding the supporting

#### Advance the development of Beijing Municipal **Administrative Center:**

Beijing Gas has accelerated the construction of key projects, completing the gas supply tasks for affordable housing in the Beijing Municipal Administrative Center and addressing the gas supply needs of the Taihu Book City project, thereby fully supporting the high-quality and rapid development of the Beijing Municipal Administrative Center.

#### Promote the coordinated development of the **Beijing-Tianjin-Hebei** region:

With a focus on integrating transportation across the Beijing-Tianjin-Hebei region, BMEDI has participated in the consulting and design of arterial highways, developing intelligent rail systems and contributing to the construction of the Beijing-Tianjin-Hebei transportation network. Meanwhile, Beijing Gas has actively planned energy projects in the region to strengthen supply.

# **Party Leadership Securing Legacy and** Sustainability of Winter Olympic Games

Adhering to General Secretary Xi Jinping's directive, "We should make plans proactively and work hard persistently to make the most of the legacy of the Games", BG has actively promoted the sustainable use of the Winter Olympics legacy after the Olympic Games' conclusion, striving to enhance service and support for sports events, continuously strengthening market operations, and innovatively utilizing the Winter Olympics legacy. We have remained committed to transforming Winter Olympics resources into long-term benefits that enhance people's well-being and generate powerful momentum for industry rejuvenation and vitality.

### Stakeholder testimonial

## Enhancing event service and support

BG has fully capitalized on the advantages of hosting events at the Yanqing Olympic Zone, effectively utilizing the legacy of the Beijing Winter Olympics. We have continued to strengthen overall leadership and coordinated efforts, actively attracting major international and domestic events, including high-end ones, and providing service and facility support for event operations, thereby establishing the venue as a significant hub of influence. In 2023, the Yanging Olympic Zone successfully hosted five prominent domestic and international commercial winter sports events.

#### Service support:

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The Yanging Olympic Zone has established a leading group and specialized working groups to ensure operational support during snow season events, enhancing service and management levels. Adhering to Winter Olympics standards, it has successfully delivered a range of support services, including logistics, accommodations, and catering for participants. These thoughtful services have received unanimous praise from participants, spectators, and tourists alike.

#### Facility support:

The Yanqing Olympic Zone has upgraded its venues to provide first-class facilities and bases for hosting events, long-term training camps for national teams, offices for event organizing committees, and press conferences, promoting the diverse and comprehensive utilization of Winter Olympics venues.



Yanqing Olympic Zone served and supported the 2023-2024 IBSF Bobsleigh & Skeleton World Cup

# Enhancing market operations

BG has moved beyond traditional operating models after the Beijing Winter Olympics, exploring the integration of "competition and public use" at Winter Olympics venues. We have continuously enhanced the market operations of these venues, promoting the sustainable growth of the ice and snow industry. The Group has also vigorously developed specialty industries, expanded service offerings, and provided the public with top-tier ice and snow sports facilities alongside high-quality tourism and vacation services. By integrating sports and vacation, we aim to foster the integrated development of the cultural and tourism sectors, actively promoting the legacy of the Winter Olympics for societal benefit. Our efforts to give back to the public through Winter Olympics projects have yielded tangible results, with the Olympic zone maintaining free admission to welcome guests. During the 2023-2024 snow season, the zone ranked as high as fourth on North China's skiing ranking list.

#### Q **Promote ice and snow industry:**

The Yanging Olympic Zone has opened its Winter Olympics venues and ski slopes to the public, effectively utilizing these sites after the Olympics, increasing valueadded services related to skiing, encouraging participation in ice and snow sports, and stimulating consumer spending in this sector, thereby accelerating the development of the ice and snow industry.

#### **Develop specialty industries:**

The Yanqing Olympic Zone has enhanced its high-quality leisure services, improved commercial support facilities, diversified its product offerings, and cultivated specialty industries, including outdoor events, cultural exhibitions, wellness retreats, and sports tourism.

#### Ó **Expand service offerings:**

Honors

The Yanging Olympic Zone has hosted conferences and exhibitions, facilitated group activities, and provided educational and training programs, introducing new service models, such as conference concierge, team guiding, and event planning.



The Technology-Powered Winter Olympics project, a key national research and development initiative by the Ministry of Science and Technology and undertaken by BERE, passed the assessment



BEJOC's project "Key Technologies for Design, Construction, and Operation & Maintenance of Winter Olympics Snow Venues in Complex Mountainous Conditions" won first prize at the 2022 Huaxia Construction Science and Technology Awards



The project "Research on Intelligent Construction Theories, Key Technologies, and Innovative Applications in the Winter Olympics and Other Projects" received second prize in the Science and Technology Progress category under the Beijing Science and Technology Awards

The Yanqing Olympic Zone (Yanqing Haituo Ski Tourism Resort) was recognized as a "National Ski Tourism Resort" at the 2023 China (Arxan) **Tourism Conference** 





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Innovative utilization of Winter Olympics legacy

BG has continually infused innovative energy into the sustainable utilization of the Winter Olympics legacy following the event's conclusion. We have proactively developed innovative projects centered on this legacy, creating smart applications derived from the Winter Olympics, and strived to transform these resources into long-term developmental benefits that enhance public well-being.

### Innovative projects:

BERE and its subsidiary enterprises have been committed to driving development through technological innovation. They have led the implementation of special initiatives such as the Technology-Powered Winter Olympics project, achieving many significant innovative outcomes.

### Smart applications:

The Yanqing Olympic Zone has leveraged the BeiDou Navigation Satellite System and Internet of Things technology to streamline processes such as ticket purchasing, ski entry, and parking reservations, creating China's first 5G smart ski resort, significantly enhancing the skiing experience for visitors through technological innovation.





# **Carrying Forward the Winter Olympics Spirit**

Beijing Enterprises Group has actively promoted the spirit of the Winter Olympics, shared its culture, enriched its legacy, and told the story of China's achievements in the Winter Games. Through concrete actions, we have integrated the spirit of the Beijing Winter Olympics into our daily work, driving the high-quality development of all our initiatives.

# Party Leadership Strengthening Harmony in Implementing the "One Country, Two Systems" Principle



BG has consistently upheld the "one country, two systems" principle in its operations related to Hong Kong, Macau, and Taiwan, actively promoting the business development of its subsidiary enterprises, including Beijing Enterprises Holdings Limited (BEHL) and Beijing Holdings Limited, while deeply integrating into local economies and fostering cross-strait communication.

# Hong Kong:

# Taiwan:

We have acted as a bridge for fostering people-to-people exchanges, facilitated business interactions and cooperation between enterprises in Beijing and Taiwan, and strengthened our collaborative relationships with Chinese mainland-funded enterprises and private institutions in Taiwan.



Sustainable operations of the Yanqing Olympic Zone

#### **O** Promote integrated development between Beijing and

BG has strengthened its role as an overseas liaison platform and fulfilled its responsibilities as the Hong Kong Member Office of the CPPCC Beijing Municipal Committee. We have actively participated in Hong Kong's social affairs, serving local communities and organizing exchange activities, thereby fostering greater cooperation and interaction between Beijing and Hong Kong.

#### **Enhance exchanges and cooperation between Beijing and**

The 26th Beijing-Hong Kong Economic Cooperation Symposium



of appreciation from the Hong Kong and Macau Affairs Office of the Beijing Municipal Committee and the Hong Kong and Macau Affairs Office of the Beijing Municipal Government

Preparatory Leading Group of the Beijing-Hong Kong Economic Cooperation Symposium

# **Guiding Flood** Disaster **Relief and Post-Disaster** Reconstruction



In response to the severe flooding caused by Typhoon Doksuri, BG has fully **Party Leadership** In response to the severe flooding caused by Typhoon Doksuri, BG has fully implemented General Secretary Xi Jinping's key directives on flood control and disaster relief, promptly taking action to enhance its disaster emergency response capabilities and actively participating in rescue operations and post-disaster reconstruction efforts. During the flood, the 12333 hotline maintained an overall connection rate of 89.49%, with public satisfaction exceeding 99%.

#### **Disaster rescue and relief:**

### Post-disaster reconstruction:

We have mobilized our entire workforce to provide manpower, materials, and other support for flood control and disaster relief at the grassroots level, actively conducting inspections and repairs to identify and address risks related to gas and water systems, as well as maintaining the continuous operation of service hotlines, thereby ensuring the safety and stability of our operations, supporting the functioning of the city, and safeguarding people's lives and assets.

Leveraging our multi-business strengths, BG has seamlessly integrated post-disaster reconstruction with industrial development, undertaking deep cleaning and removal of mud, and the repair and rebuilding of municipal infrastructure. We have also restored essential services, including water, drainage, and gas supplies, and provided both intellectual and technical support for the reconstruction efforts in the affected areas, helping to restore urban functions and residents' daily lives as soon as possible.



BG's "Youth Iron Army" deployed to Fangshan District for reconstruction efforts in Beijing



We received letters of appreciation and red velvet banners from the CPC Fangshan District Committee, the CPC Mentougou District Committee, and the People's Governments of both districts.



and I called the gas company for help. Upon receiving my request, Team Leader Zhang Cong, along with Wang Heng and other employees, promptly arrived at my home for repair. Despite the sweltering heat, they worked tirelessly throughout the morning, going above and beyond-even resorting to manually extracting the water accumulated in the gas pipe. Thanks to their relentless efforts, the malfunction was successfully identified and resolved, alleviating our urgent concern. We are deeply grateful to Team Leader Zhang Cong and his team for their selfless dedication and exemplary character in serving the public, and we wish to extend our heartfelt thanks to them for their hard work and commitment. Thank you for your invaluable service!

Beijing Gas received a letter of appreciation from a customer

# **Party Leadership Driving Development** and Advancing Rural **Revitalization**

BG has fully embraced the guidance and directives of General Secretary Xi Jinping regarding rural revitalization. In alignment with this, we have developed the Implementation Plan and Work Plan of Beijing Enterprises Group for Assisting in Comprehensively Promoting Rural Revitalization in 2023, taking a series of targeted initiatives to promote paired assistance to economically disadvantaged villages in six provinces and districts, as well as villages with underperforming collective economies in Miyun District. These efforts ensure that rural revitalization is implemented with both high-quality and tangible results.

## Paired assistance in six $\circ$ provinces and districts

BG has implemented concrete, targeted actions and introduced a series of policies covering industry, employment, consumption, and public welfare. Through more targeted, distinctive, and sustainable assistance strategies, we have supported development in six paired provinces and districts, including Inner Mongolia, Xiniiang, Oinghai, Tibet, Shanxi, and Hebei, consolidating and expanding our poverty alleviation achievements and continuously delivering a stronger sense of fulfillment, happiness, and security among the local populations. In 2023, BG invested a total of RMB 45.81 million in these six provinces and regions, created 240 new jobs, and purchased assistance products valued at RMB 13.75 million.

## Industrial assistance:

We have focused on key aspects such as the integration of industries, the joint development of industrial parks, and collaborative efforts in investment promotion, and carried out various businesses in energy, water services, solid waste management, sanitation, and other sectors to advance the implementation of industrial assistance projects.

#### **Employment assistance:**

We have expanded employment opportunities by developing industries and helping residents secure stable jobs through various initiatives, including recruitment drives, the creation of public welfare positions, employment skills training for rural populations, and active participation in the initiative to assist Xinjiang's development.

## Assistance to villages with underperforming collective economy in **Miyun District**

BG has actively implemented the two mountain theory in close collaboration with the CPC Miyun District Committee and Miyun District People's Government. By integrating resources from various sectors, including industry, consumption, and healthcare, we have supported four villages with underperforming collective economies in Fengjiayu Town: Xibailianyu Village, Zhujiayu Village, Sanchakou Village, and Xiaying Village, creating a "one enterprise supporting four villages" assistance model. In 2023, these four villages collectively realized an income of over RMB 2.01 million.

#### Industrial assistance:

We have launched projects such as boutique homestays, the "Sanchakou. Bailian Valley Chestnut Workshop," and the "BG Shared Farm" to support the development of rural tourism with local characteristics, the chestnut industry, and agriculture, continually enhancing the villages' self-sustaining capabilities.

#### Consumption assistance:

Through targeted consumption assistance, we have supported the development of the "Pumpkin Valley" Industrial Park in Xibailianyu Village, expanding sales channels for pumpkins and other agricultural products.

#### ○ Healthcare assistance:

standards in the areas we assist.

○ Consumption assistance:

We have established multiple channels to

drive consumption assistance, including

setting procurement quotas, engaging in

order-based purchasing, and sourcing from

innovation and entrepreneurship centers.

We have also advocated for initiatives

such as "purchase instead of donation,"

promoted agricultural and sideline products

on platforms such as the Group's website,

and expanded sales channels, fostering a

supportive environment for consumption

**Public welfare assistance:** 

We have focused on public welfare

donation initiatives targeting key regions

and populations, delivering tangible

assistance to improve the basic living

assistance efforts.

We have improved rural healthcare conditions and diagnostic services by establishing health cabins, providing free medical consultations in rural areas, and equipping village clinics with essential medical devices.

#### **Cultural assistance:**

We have designed and planned village cultural walls, creating platforms for cultural promotion and display, thereby fostering collective rural development.

#### **O** Public welfare assistance:

Beijing Instrument Industry Group Co., Ltd. (BIIC) has donated an air quality monitoring system to support Fengjiayu Town in its development into a highquality backyard garden for the capital.

We have leveraged the role of the first secretary stationed in impoverished villages as a key figure in driving development, providing support to cadres stationed in these villages to help them overcome challenges and advance the development of economically disadvantaged areas.



Honors

BG's assistance efforts in villages with underperforming collective economies in Miyun District have proven highly effective, with Xibailianyu Village receiving national honors of "2023 China's Beautiful Leisure Village" and "National Model Villages and Towns for Rural Governance" (included in the third batch).



The Clear Waters and Green Mountains Air Monitoring Station donated as part of the public welfare assistance efforts

#### ○ Village-based assistance:

BG's initiative, "Cultivating the Tourism Industry with Local Characteristics and Supporting Vibrant and Beautiful Villages," was recognized as one of the first Beijing outstanding corporate social responsibility cases by the Beijing Enterprise Confederation

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## Modern Management



Beijing Enterprises Group has fully implemented the "Two Consistent" principle, strengthening the Party's leadership in corporate governance and integrating it into all aspects of its operations. The Group has continued to enhance the modern enterprise system with Chinese characteristics and focused on refining the operational mechanisms of the Board of Directors, aiming to establish an institutional framework with clearly defined rights and responsibilities, standardized procedures, comprehensive rules and regulations, and high operational efficiency. It has also actively promoted the deep integration of ESG principles into corporate governance to effectively protect the interests of all stakeholders, laying a solid foundation for the sustainable development of the enterprise.

# KPIs

- The Group's Board of Directors comprised nine members in total, including four Inside Directors (one of whom is a Worker Director) and five Outside Directors
- Formulated ten sets of new internal rules and revised three sets of existing rules
- Ranked as one of the CSR Pioneer Index Top 100 SOEs, securing sixth place overall and first among the SOEs within Beijing
- 26 Improving corporate governance structure
- 27) Refining corporate governance systems
- 28 Enhancing the scientific decision-making capability
- 29 Strengthening the development of boards of directors in subsidiaries
- [29] Improving democratic management
- (30) Reinforcing ESG management



# BG's Solutions for Urban Sustainable Development

The growth of enterprises is closely aligned with urban development. Based on its strategic goal of serving sustainable urban development, Beijing Enterprises Group has established a corporate governance structure with clear rights and responsibilities, completed its institutional framework for implementing modern corporate governance, and continually enhanced its effectiveness. It has also integrated ESG principles into its business operations, consistently improving its value creation capabilities to contribute more significantly to urban development through the enterprise's high-quality development.







• Improving the organizational structure to optimize the operational mechanisms of the Board of Directors

- Streamlining the operational mechanisms of the Board of Directors to enhance its scientific decision-making capability
- Promoting the development of Boards of Directors within subsidiaries to improve the effectiveness of corporate governance
- Formulated the *Implementation Rules for the Workers' Congress of Beijing Enterprises Group* to encourage democratic management
- Continuously improving ESG implementation systems to strengthen ESG management

# Actions in 2023

- Established board authorization management rules
- Enhanced the "one library, two volumes, and three records" working system
- Improved the corporate information disclosure management and related mechanisms
- Formulated the *Guiding Opinions of Beijing Enterprises Group on Improving ESG Data Quality* and the *Guidelines for Strengthening ESG Efforts in Directly Affiliated Companies of Beijing Enterprises Group*
- Won the "CSR Bull Awards" in green and environmental category

# Plans for 2024

- Implement all rules and regulations on corporate governance and intensify compliance management
- Strengthen the development of the team of ownership agents to ensure they effectively fulfill their duties and responsibilities across various enterprises
- Further improve the capabilities of the Board of Directors in strategic planning, decision-making, and risk prevention

# Improving Corporate Governance Structure

BG has continuously refined its organizational structure to implement modern corporate governance, clarifying the key role of the Board of Directors and clearly defining its functions and authority. This aims to improve the Group's capabilities in corporate governance as a state-owned enterprise and to enable the Board of Directors to fully exercise its role in strategy planning, decision-making, and risk prevention.

- As of the end of December 2023, the Group's Board of Directors consisted of nine members. including four Inside Directors (one of whom is a Worker Director) and five Outside Directors. with the majority being Outside Directors.
- Four specialized committees were established under the Board of Directors: the Strategy and Investment Committee, Budget Review Committee, Remuneration and Appraisal Committee, and Audit and Risk Management Committee.
- The Board of Directors set up three Board of Dispatched Supervisors to ensure comprehensive supervision of all directly affiliated companies, further improving the Board of Directors' oversight functions, strengthening the Group's supervision of its subsidiaries, and promoting the compliant and healthy development of these directly affiliated companies.
- A Board Secretary was appointed, and both a Board Secretary Office and a Board Office were established, completing the organizational structure of the Board of Directors as required. Adequate and competent individuals were appointed to all roles, laying a solid foundation for the standardized and efficient operation of the Board of Directors and improving the quality of its decisions.

# Refining Corporate Governance **System**

BG has systematically designed and simultaneously promoted the establishment of an institutional framework for corporate governance. This has resulted in a governance system characterized by clearly defined rights and responsibilities, standardized procedures, comprehensive rules and regulations, and high operational efficiency across three dimensions (the board of directors, the board of dispatched supervisors, and specialized committees) at two levels (the Group and its directly affiliated companies). The Group has also established and empowered the Boards of Directors in the subsidiaries at all levels and strengthened the ability and capacity of directors to effectively fulfill their duties and responsibilities, ensuring the efficient operation of the corporate governance system. In 2023, the Group formulated 10 sets of internal rules, revised 3 sets of existing rules, updated 2 sets of working rules for specialized committees, and established a total of 32 sets of working rules for the Boards of Directors.

#### Innovation in mechanisms: Establishing differentiated control mechanisms

Differentiated control mechanisms were implemented for wholly-owned subsidiaries, listed companies, and relatively controlled companies.

#### Mechanism for delegation of authority from the Board of **Directors to management**

The Group has clearly defined the boundaries of authority and responsibilities between the Board of Directors and management, established corresponding procedural rules, and introduced new delegation management guidelines, aiming to strengthen the foundation for the operations and governance of the Board of Directors, comprehensively improve the standardization and effectiveness of the delegation mechanism, decision-making efficiency.

#### Working mechanism for General Manager's accountability to the **Board of Directors**

The Group has developed the Implementation Opinions on Establishing the Working Mechanism for the General Manager to Be Accountable to and Report to the Board of Directors of Beijing Enterprises Group to enhance the management's execution of their legally mandated duties and the authority delegated by the Board of Directors, strictly implement the working mechanism that requires the General Manager to be accountable to and report directly to the Board of Directors, and strengthen the supervisory role of the Board of Directors.

delegated differently to the Boards of Directors of wholly-owned subsidiaries.

### Work reporting mechanism for Boards of Directors in directly affiliated companies

The Group has revised the Implementation *Opinions on Establishing the Work Report* System of the Board of Directors of Directly Affiliated Enterprises, aiming to improve the annual work reporting system for these Boards of Directors by standardizing Guided by the principles of legality, transparency, the core content of their annual reports, owner of its directly affiliated companies manner.

## Working mechanism for assessing Boards of Directors

The Group has revised the Measures for the Examination and Evaluation of the Board of Directors of Directly Affiliated Enterprises, aiming to refine the comprehensive assessment approach that integrates routine inspections with annual performance evaluations, combining process management with outcome assessments, thereby connecting the results to the compensation of responsible individuals of directly affiliated companies. Ultimately, this will ensure the clear delineation of duties and responsibilities and strengthen the development of Boards of Directors at the grassroots.

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Decision-making powers were

#### Working mechanism for designating directors and supervisors

The Group has developed a code of conduct for designated directors and supervisors, outlining the qualifications required, clarifying the expectations for fulfilling their duties and enhancing the support services available to them. Additionally, performance evaluation, incentive, and constraint mechanisms have been established to further implement and refine the management and assessment processes for designated directors and supervisors.

#### Working mechanism for information disclosure management

accuracy, timeliness, and security, the Group clarifying the requirements for daily has formulated the Interim Measures of Beijing work reports, and ensuring that the Enterprises Group for the Management of and continuously enhance the management's Group fulfills its responsibilities as the Information Disclosure to establish a sound mechanism for managing enterprise information in a standardized and institutionalized disclosure. A dedicated leadership team has been formed to oversee this effort, which includes holding special meetings on information disclosure and implementing this effort with high standards. BG has also organized training sessions to enhance information disclosure practices, continuously optimizing and improving the content being shared, and provided guidance, conducted inspections, and enforced supervision to ensure that all directly affiliated companies fulfill their information disclosure responsibilities. Furthermore, information disclosure efforts have been integrated into the annual performance assessments of the respective entities, and the progress of these initiatives has been reported to the Group's Board of Directors in a timely manner. By embracing social supervision, we have continuously strived to improve the transparency of our business activities, creating and operating as a transparent state-owned enterprise.

# Enhancing the Scientific Decision-Making Capability



In 2023

The Group's Board of Directors deliberated **99** proposals

The Group's Boards of Dispatched Supervisors participated in 477 special meetings The Group has consistently prioritized the development of a professional, responsible, and efficient Board of Directors. We have continually optimized the operational mechanisms to give full play to the role of special committees of the Board of Directors, enhancing the supervisory effectiveness of the Board of Dispatched Supervisors and refining the closed-loop management system for supervision and inspection, thereby comprehensively improving the scientific decision-making capability of the Board of Directors, enabling more accurate strategy formulation, efficient decision-making, and effective risk prevention.

# Scientific and standardized operations

The Group has focused on the promotion of standardized operations of the Board of Directors, establishing and continually refining the supporting systems and working mechanisms for the Board of Directors, enhancing the list of matters requiring decisions and streamlining the decisionmaking procedures. These efforts were aimed at ensuring the quality of proposals presented at Board meetings. BG has also developed an annual regular meeting plan for the Board of Directors, standardizing both the agenda and the arrangements to improve meeting planning, and strictly enforced adherence to procedural rules, ensuring the legality and compliance of Board meeting procedures, while continuously enhancing the scientific decision-making capability of the Board of Directors. In 2023, the Group convened 6 regular and ad hoc Board meetings, during which 99 proposals were

# Giving full play to specialized committees

deliberated.

The Group has formulated and issued the Guiding Opinions of Beijing Enterprises Group on Strengthening the Establishment of Specialized Committees Under the Boards of Directors of Directly Affiliated Companies to fully leverage the expertise of these committees for studying matters to be addressed or authorized by the Boards of Directors, providing professional advice

supporting the Boards of Directors in making scientific and compliant decisions. In 2023, the Strategy and Investment Committee met twice, the Budget Review Committee three times, the Audit and Risk Management Committee four times, and the Remuneration and Appraisal Committee three times.

and recommendations, ultimately effectively

#### Enhancing supervisory effectiveness of Boards of Dispatched Supervisors

The Group has continually strengthened oversight of its directly affiliated companies through the Boards of Dispatched Supervisors. aiming to identify potential issues, prevent behaviors that could jeopardize the security or value of state-owned assets. and safeguard the rights and interests of state stakeholders. Training management and performance evaluations for dispatched supervisors were enhanced, their duty performance standardized, and the working mechanisms for quarterly special reporting, zero reporting, and annual reporting for the Boards of Dispatched Supervisors optimized to improve the quality of supervision and inspection reports. These ensured that issues within directly affiliated companies were accurately and promptly addressed, bolstering the supervisory role of the Boards of Dispatched Supervisors. In 2023, the Group's Boards of Dispatched Supervisors participated in 477 special meetings, conducted 14 investigation activities, and submitted 59 reports to the Board of Directors.

# Strengthening the Development of Boards of Directors in Subsidiaries

The Group has continued to strengthen and improve the development of Boards of Directors within its subsidiaries. In addressing key reform objectives, including establishing Boards of Directors, appointing adequate and competent individuals, improving abilities and capabilities, standardizing operations, optimizing mechanisms, and enforcing roles and responsibilities, the Group has refined and implemented these tasks step by step, supporting the ongoing consolidation of the operational foundation for Boards of Directors across all subsidiaries, ensuring standardized operations, and ultimately improving their overall operational effectiveness.

# Establishing Boards of<br/>Directors in wholly-owned and<br/>majority-owned companiesEstablishing boards of directors<br/>in listed companies and relatively<br/>controlled diversified ownershipThe Group has established and improvedcompanies

The Group has established and improved the annual work reporting mechanism for The Group has established an authorization the Boards of Directors in wholly-owned mechanism for dispatched ownership and majority-owned companies, while agents to ensure that the owners' also strengthening their performance intentions are effectively communicated assessments. For companies with through these agents (directors) within the standardized board governance, solid framework of the corporate governance management practices, and strong system, allowing the owner's Board of economic performance, a differentiated Directors to fulfill its duties and exercise delegation mechanism was implemented. its powers in compliance with applicable For companies without a board of laws and regulations. The Group has also directors and with only a single executive systematically explored governance-based director appointed, decision-making control through the roles of dispatched powers were clarified, and corresponding ownership agents (directors), aligning their control and performance assessment authority with ownership relations. To mechanisms were established. It was safeguard the rights and interests of state also mandated that any delegation of owners, the Group formulated articles of authority from a wholly-owned company association that reflect the proportional to its subsidiaries or ownership agents in representation of board seats based on relatively controlled companies shall not ownership share. The most competent exceed its own authority or contravene individuals were appointed as dispatched the requirements specified by the owners ownership agents, and control and (shareholders). performance assessment mechanisms were established and continuously improved to ensure the proper exercise of ownership rights.

# Improving Democratic Management

BG has consistently attached great importance to fostering a sense of ownership among its employees. To this end, the Group developed the Implementation Measures for the Workers' Congress of Beijing Enterprises Group and established a democratic management structure characterized by unified leadership under the Party Committee, strict accountability by administrative personnel, active cooperation with the trade union, and broad employee participation. A Trade Union Committee has been established as the permanent body of the Workers' Congress, serving as a bridge between the organization and its employees to understand their needs and safeguard their rights to participate in democratic decision-making, management, supervision, and other related activities. Furthermore, it has fully mobilized the enthusiasm, initiative, and creativity of the workforce, effectively strengthening its democratic governance and fostering a harmonious workplace. In 2023, the Group and its directly affiliated companies organized 12 sessions of the Workers' Congress at two levels, with a total of 1,344 participants of workers' representatives.

The Beijing Yangi Lake International Convention & Exhibition Center, constructed by BERI

# Reinforcing ESG Management

BG takes the implementation of ESG principles as a key component of its strategy to uphold the spirit of the 20th National Congress of the CPC and to lead the exploration of a Chinese path to modernization. Integrating ESG principles into its corporate development strategy, the Group has strengthened its ESG management practices, identified key stakeholder concerns, and established diverse and effective communication channels with stakeholders. These efforts have continuously enhanced the Group's capacity for value creation and set it on a path of high-quality development that reflects BG's unique characteristics, thereby contributing to the development of Beijing in the new era and supporting the exploration of Chinese-style modernization.

# **ESG** management mechanism

Beijing Enterprises Group has continuously enhanced its ESG management capabilities, aligning with the UN's Sustainable Development Goals and China's ecological civilization initiatives, and integrating ESG principles into its corporate strategy, governance, and operations. Key actions include formulating relevant documents and policies, such as the *Guiding Opinions* of Beijing Enterprises Group on Improving ESG Data Quality and the Guidelines for Strengthening ESG Efforts in Directly Affiliated Companies of Beijing Enterprises Group and holding special meetings to guide and promote ESG efforts. In addition, BG has optimized the indicator system, conducted in-depth analysis and research on indicator data, and further enhanced the authenticity, accuracy, completeness, and balance of these indicators. ESG risk management has also been incorporated into the broader enterprise risk management framework. Furthermore, the Group has actively encouraged its subsidiaries to adopt ESG practices, implementing annual ESG reporting requirements to follow up and facilitate relevant management efforts, enhance overall ESG management capabilities, and foster a model of capitalism focused on the common good.



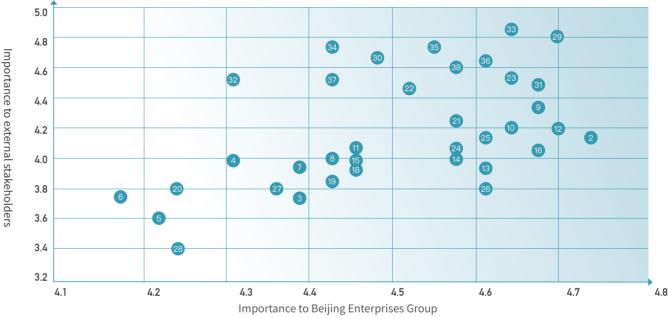
- The Group received the "CSR Bull Awards" in the green and environmental category, was ranked as one of the CSR Pioneer Index Top 100 SOEs, securing sixth place overall and first among the SOEs within Beijing, and was awarded the title of "Outstanding ESG Performance Enterprise"
- BEHL was recognized as a "Caring Company" for the sixth consecutive year, the "2023 Listed Company Awards of Excellence" (Large Cap, Main Board Market) from the Hong Kong Economic Journal, included in the newly launched Hang Seng SCHK SOEs High Dividend Yield ESG Index, and raised to Grade A in the MSCI ESG ratings, achieving the highest industry score in the "Biodiversity & Land Use" indicator
- BEWG was recognized by S&P Global in its first Sustainability Yearbook (China) as the "Best Progress Enterprise in the Industry" and raised to Grade A in the MSCI ESG ratings, becoming the only Asian enterprise in the water industry to receive this distinction



## Identification of material issues

To better address stakeholder concerns, Beijing Enterprises Group has organized and conducted investigations into material issues, following the ESG reporting guidelines of the Hong Kong Stock Exchange (HKEX) and referencing the GRI procedures, involving surveys and interviews with key stakeholders, including government entities, shareholders, suppliers, customers, and employees, to gather their opinions and suggestions on the Group's ESG efforts. The feedback was analyzed and the importance of each issue was ranked to identify the Group's key ESG issues, which have been disclosed in this Report as key information, with a commitment to prioritizing them in our business operations.

### Matrix of material issues disclosed in Beijing Enterprises Group's ESG Report 2023



1	Promoting industrial carbon reduction
2	Energy transition and carbon reduction
3	Serving customers' carbon reduction
4	Addressing climate change
5	Green credit
6	Carbon asset trading
7	Green office
8	Environmental management system
9	Pollutant emissions
10	Resource conservation and recycling
11	Ecological restoration and protection
12	R&D and innovation
13	Urban technology
14	Cultivating talents in science and technology innovation
15	Intellectual property protection
16	Quality management
17	Customer service
18	Information security and privacy protection
19	Supply chain ESG management

20	Supporting industry development			
21	Protecting employee rights and interests			
22	Compensation and benefits			
23	Occupational health and safety			
24	Employee career development			
25	Employee well-being			
26	Supporting national and capital strategies			
27	Rural revitalization			
28	Public welfare and charity			
29	Improving corporate governance			
30	Information disclosure and transparency			
31	Scientific decision-making			
32	Developing Boards of Directors in subsidiaries			
33	ESG management			
34	Anti-corruption and fair competition			
35	Internal control and compliance management			
36	Risk prevention and control			
37	Strengthening supervision			
38	Deepening reform			

# Communication with stakeholders

Beijing Enterprises Group has established a diverse and effective communication mechanism to engage with stakeholders, actively identifying and addressing the expectations of various stakeholders, and ensuring timely disclosure of key information, including new policies, daily operations, developments, reforms, and changes. The information is disclosed through official channels such as the Group's website, social media accounts, internal publication BG Zongheng Journal, and ESG reports. The Group has also organized roadshows, performance briefings, and investor meetings to strengthen interaction with investors to foster closer relationships, gaining favorable market feedback.



Tian Zhenqing, Secretary of the Party Committee and Chairman of Beijing Enterprises Group, attended the 2023 ESG Blue Book Release Conference for Listed Companies Controlled by the Beijing Municipal Government

Stakeholders	<u>ि</u> Government	Shareholders	G CO Suppliers	Customers	Employees	Media and NGOs
Expectations and demands	Compliance with laws and regulations Anti-corruption and upholding integrity Increase employment opportunities Legal tax compliance	Good investment returns Improved corporate governance Strengthened risk prevention and control Strict information disclosure	Responsible supply chain Support industry development	Product quality management Customer rights and services Customer health and safety	Rights and interests protection Compensation and benefits Development opportunities and training Health and safety Work-life balance	Positive relationships Constructive interactions
Communication and responses	SOE reform Compliant operations Maintain integrity Facilitate employment opportunities Increase tax contributions Implement SOE policies	Steady and healthy operations Compliance management Strict audits Information disclosure	Strengthen supply chain management Deepen strategic partnerships Facilitate mutual exchanges and visits	Improve product quality Protect customer rights and interests Optimize customer services Refine complaint and resolution mechanisms	Safeguard employee rights and interests Improve compensation and benefits Ensure workplace safety Promote career development Care for employees	Expand publicity channels Visit and tour invitations Organize communication and exchange events

#### BG 2023 ESG Report



# United Effort 📎

# Giving Back to Society and Co-Creating a Better Life

Beijing Enterprises Group is committed to serving the community with dedication and thoughtfulness and taking the lead in driving industry progress. We prioritize customer care, contribute to public welfare and charity activities, and support efforts to enhance public well-being while pursuing our growth, ultimately bringing greater warmth and positivity to our industry partners, customers, and society at large.



# KPIs

- Charitable donations amounted to RMB 12.36 million
- Employee participation in volunteer activities reached a cumulative attendance of 6,689, with a total of 27,561 volunteer hours
- 36 Building a responsible supply chain
- [38] Delivering high-quality services
- (41) Contributing to public welfare and charity
- (43) Enhancing public well-being

### BG's Solutions for Urban Sustainable Development

Committed to a people-centric development philosophy with a deep sense of national responsibility, Beijing Enterprises Group has collaborated with industry partners to create a responsible supply chain that fosters sustainable growth and leveraged our strengths to support industry development while consistently providing high-quality, value-added services to our users. With a steadfast commitment to giving back to society, we aim to enhance public well-being and contribute to the joint creation of a beautiful city.



# Governance

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- Regularizing supplier eligibility verification and performance assessments, continuously reinforcing responsible procurement practices
- Establishing clear requirements and guidelines for prompt complaint resolution and successfully addressing "at least one long-standing unsolved issue each month"

# Actions in 2023

- Established a responsible supply chain and comprehensively deepened strategic partnerships
- Further strengthened rapid response to complaints, addressing public concerns more effectively and safeguarding customer privacy
- Widely carried out "Learn from Lei Feng" volunteer activities, demonstrating our commitment to social responsibility
- Initiated renovation projects for old residential areas

# Plans for 2024

- Further improve supplier management and enhance supply chain sustainability
- Deepen the reform of our rapid response to complaints, taking proactive measures to prevent potential issues
- Follow up on urban renewal projects and take various measures to enhance public well-being

# **Building** a Responsible Supply Chain

# Building a responsible supply chain

The Group has integrated ESG criteria into supplier selection, eligibility verification, and evaluation processes, standardizing supplier eligibility verification and performance assessment and continuously strengthening responsible procurement practices, aiming to develop a responsible supply chain with strong risk resistance and high sustainability.



Beijing Enterprises Group has continued to enhance its supply chain management capabilities to build a responsible supply chain, comprehensively deepening strategic partnerships to foster win-win cooperation among stakeholders and actively participating in industry exchanges and collaborations, thereby contributing to the high-quality development of the sector.

#### O Supplier management

BGCD established a set of supply chain management guidelines, including procedures for both imported and domestic supply chain operations, eligibility criteria for suppliers and customers, and the creation of supplier and customer whitelists. Beijing Gas strengthened the management of eligible suppliers by issuing and implementing a new version of the eligible supplier list, adopting a hierarchical management approach, and conducting comprehensive evaluations for supervision, and required suppliers to submit relevant certification documents for products, quality, environment protection, and safety. BBEG refined its tendering and service procurement procedures and guidelines, providing guidance and supervision to its subsidiary units in establishing their own tendering and procurement frameworks, thereby strengthening professional oversight.

#### • Responsible procurement

BEWG strengthened procurement management by strengthening control over planning milestones at the procurement delivery end, developing cost models, and refining the procurement system. BBEG standardized tendering and service procurement processes by implementing an online approval system for the entire procurement process and focusing on key aspects to strengthen audit and inspection, ensuring the quality of tendering and procurement activities. BIIC closely monitored its subsidiaries to improve their procurement procedures and guidelines, continuously strengthening standardized procurement management. BGSC established a transparent cloud-based procurement platform offering end-to-end procurement services and leveraging the Group's internal resources. This initiative not only creates new business growth opportunities but also supports the coordinated development of the Group's various business sectors, ensuring transparent and efficient procurement.



BGCD conducted training sessions on "Supply Chain Business Risk Identification and Response"

# Deepening strategic partnerships

BG has proactively engaged in exchanges and collaborations BG has actively established industry communication platforms with government bodies, enterprises, and universities. to strengthen cooperation and exchange within the industry. exploring diverse cooperation models, including visits, participating in industry research, including the preparation of communications, signing agreements, and launching joint standards and reports, and promoting industrial agglomeration projects, in an effort to promote high-quality local economic and development. We have also engaged in multi-level and development, achieve mutually beneficial cross-sector cross-field dialogues with partners to showcase the Group's partnerships between enterprises, and fully and efficiently achievements and cultural values, contributing to industry leverage professional expertise and resource advantages. development.

### Case Study

#### **BEWG's implementation of supplier lifecycle management**

- BEWG has established a standardized supplier onboarding process, complete with relevant approval protocols, to ensure that its procurement practices are transparent, fair, and sustainable.
- In 2023, BEWG refined its Supplier Onboarding Approval Form to verify supplier eligibility during the onboarding stage based on four key criteria: business qualifications, technical feasibility, production facilities, and product portfolios. This process includes comprehensive assessments and investigations across 28 detailed dimensions, including research and development and design capabilities, environmental dependence, ESG management systems, and product safety.
- BEWG's supplier ESG assessment criteria include, but are not limited to, the certification and implementation of ESG management systems, hazard identification and mitigation measures, Environment, Health and Safety (EHS) prevention and corrective actions, waste and hazardous substance control, and compliance with the BEWG Supplier Code of Conduct. BEWG has also invited auditors to conduct verification audits on new suppliers at various stages, including supplier onboarding and selection, to ensure compliance and transparency throughout the procurement process.



# **Supporting industry** development

# Delivering High-Quality Services

# Quality management system

The Group has established and continually refined its quality management system to rigorously control the quality of its products, services, and construction, thereby ensuring the delivery of highquality, diverse, and reliable products and services to customers while continuously improving the overall standard of quality management. BG has consistently strengthened its service capabilities, improved product quality management, and excelled in providing prompt response to complaints, effectively safeguarding customer information and privacy and offering comprehensive, high-quality services and support to protect customer rights and interests and steadily improve its service standards.

#### ○ Yanjing Beer

Beijing Yanjing Beer Co., Ltd., along with 23 other subsidiaries within the Group, has obtained quality management system certifications and integrated product quality and workplace safety assessment criteria into employee performance evaluations. Yanjing Beer has also developed and optimized SOP for Process Management and conducted related training sessions. Furthermore, it has established Food Recall Control Procedure and organized traceability drills across all factories, simulating scenarios such as "abnormal taste", which resulted in the identification and rectification of 135 issues.

#### $\diamondsuit$ **BIIC**

All high-end equipment manufacturing subsidiaries have obtained quality management system certifications. Beifen-Ruili has strengthened its quality management system to consistently ensure that its products meet the highest standards, with its enterprise standard for the SP-5000 series gas chromatograph recognized as a "Forerunner" among enterprise standards.

#### **b** Beijing Gas

Beijing Gas has developed the Regulations on Safety Management for Capital Construction and the Regulations on Quality Management for Capital Construction, which provide comprehensive guidance on quality management requirements for each phase of the project. An annual safety supervision and inspection plan is also established, ensuring quality and safety inspections are conducted at every stage.

## Prompt response to complaints

Beijing Enterprises Group has continued to deepen its prompt response mechanism to address public concerns effectively by formulating targeted management measures, strengthening supervision and coordination, and successfully addressing "at least one long-standing unsolved issue each month." We have also enhanced our proactive management efforts, further improving our ability to serve the public.

#### • Beijing Gas

Beijing Gas has established a risk early-warning mechanism through its hotline service to oversee and encourage the resolution of key and challenging issues related to user services by listing such issues as priority tasks, shifting from "prompt response to complaints" to "proactive prevention of potential complaints." Additionally, online customer services are made available via the Beijing Gas WeChat mini program and Beijing Gas app to expand service channels. The gas safety housekeeping service mechanism is also refined to provide community services, with safety steward services at the core and volunteer services as the outreach point, further expanding the volunteer service team.

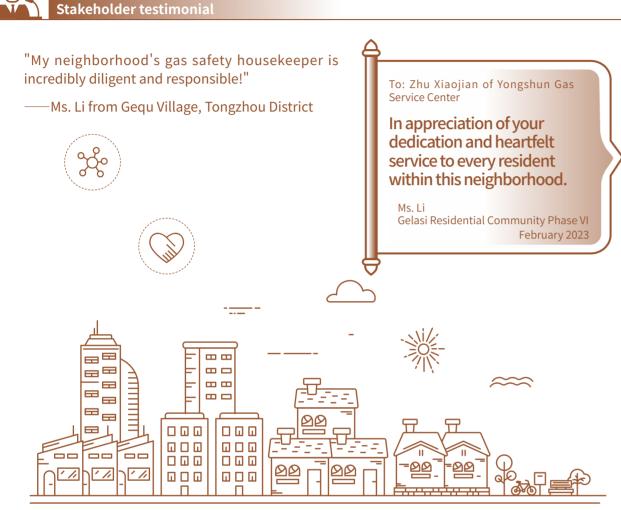
#### **\$ BBEG**

BBEG has implemented the "Heat Supply Housekeeper" service model, responding to user demands through various channels and measures and taking proactive actions to prevent potential complaints and issues. An internal work manual for prompt response to complaints is also developed, and training sessions are conducted in batches to enhance service standards across subsidiary enterprises, aiming to continuously improve their transaction management capabilities. Additionally, it has organized the "Enterprise Service Week" initiative to innovate service models and deliver high-end, comprehensive services.

#### **b** BG Property Management

BG Property Management has issued a Notice on Strengthening Heat Supply Management, with a strong focus on proactively addressing potential complaints. Equipment and pipelines are also inspected in advance to ensure the quality of heat supply, and "Four Nos and Two Directs" inspections are conducted to accurately identify management vulnerabilities. Furthermore, it has strengthened daily operations management and improved service quality to ensure all residents in the service area enjoy a warm winter.





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# Safeguarding personal information and privacy

Beijing Enterprises Group has remained committed to a customer-centric approach, placing great importance on network information security. This involves proactively organizing cybersecurity drills, addressing vulnerabilities, and continuously enhancing its security measures to protect customer information and privacy, effectively safeguarding customer rights and interests.

### ⊖ BIIC

BIIC has formulated several regulations, including the Compliance Guidelines for Personal Information Protection in the Intelligent Management of Industrial Parks, to guide industrial parks in implementing effective measures for personal information protection. Provisions for customer information management and privacy protection have also been established in relevant contracts to standardize related practices.

#### **BERE**

BERE has integrated personal information protection content into onboarding and on-the-job training programs to strengthen employees' awareness and ability to safeguard information privacy.

#### • Yanjing Beer

Yanjing Beer has conducted multiple network security training sessions on various themes, including "Cybersecurity Awareness and Foundational Technology" and "IPV6 Network Knowledge," for employees at both the headquarters and subsidiaries to establish a robust network security defense.

# Contributing to Public Welfare and Charity

BG has firmly adhered to a people-centric development philosophy, taking on social responsibilities and well-being with dedication. While focusing on its own growth, the Group has actively supported public welfare through practical actions, organized volunteer activities, and made significant contributions to public welfare and charity, promoting the co-construction of harmonious communities and co-creation of social value. In 2023, the Group has charitable donations totaling RMB 12.36 million, with its employees collectively participating in volunteer activities of 6,689 man-times, contributing a cumulative service time of 27,561 hours.



The Group has developed the Work Plan for "Learn from Lei Feng" Volunteer Activities, designating March as "Learn from Lei Feng" Volunteer Service Month and focusing on four key areas: cultivating endogenous and sustainable volunteer efforts, integrating production with volunteer work, undertaking practical care initiatives, and dedicating to environmental protection. Various "Learn from Lei Feng" volunteer activities were actively promoted across these areas.

Public welfare and charity The Group has remained committed to supporting charitable organizations through long-term donations of funds and materials. We have actively initiated and participated in public welfare and charity activities, providing assistance to vulnerable groups and serving the community, aiming to consistently uphold our responsibilities as a socially responsible enterprise.



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BEGSE organized an environmental protection activity at its factory to "plant the seeds of environmental awareness in children"

# 💮 Case Study

### Mingxi Charity Foundation actively participated in public welfare and charity activities to fulfill its social responsibilities

The Mingxi Charity Foundation has actively responded to the central government's policies and guidelines for Hong Kong by consistently carrying out initiatives focused on innovation and entrepreneurship, youth exchange, national education, community services, and public welfare and charity activities to fulfill its social responsibilities. In 2023, the Foundation sponsored, co-organized, and supported 16 exchange and charity activities, benefiting a total of 3,042 individuals.

- Continued participation in the operation of the "Hong Kong Youth Innovation and Entrepreneurship Fund," organizing competitions to foster innovation and entrepreneurship among young people;
- Strengthened patriotic education and propaganda, nurturing young patriots and promoting unity and cohesion among the population;
- Established student subsidies, developed independent financial aid brands, and strengthened support and training for grassroots youth;
- Organized visits and provided support to anti-Japanese veterans and the families of martyrs, delivering gifts to express genuine care and commitment to public welfare and charity;
- Built a platform for youth growth and development, promoting both educational and personal development for young people;
- Strengthened collaboration with local institutions in Hong Kong and developed a youth work network to further expand communication and cooperation efforts.



Mingxi Charity Foundation visited anti-Japanese veterans and martyrs' families in Hong Kong



The former site of l'Université Franco-Chinoise in Beijing, managed by BIIC, has been honored with Beijing patriotic education base" excellent grade"assessment reward and included in the list of "Beijing Innovative Cases of Civilization Practice in the New Era"



# Enhancing Public Wellbeing

Beijing Enterprises Group adheres to the principle of putting the people first in driving public welfare projects to high standards. The Group has made significant contributions to enhancing public well-being by renovating aging residential areas, developing resettlement housing, improving municipal infrastructure, and implementing other measures, ultimately supporting urban renewal and creating a better living environment for the community.

#### **Renovation of old residential areas**

BGCD has adopted an integrated model combining "investment, construction, and management" to address pain points in the renovation of public service facilities, particularly water supply and drainage systems in old residential areas. Meanwhile, Beijing Gas has actively promoted renovation tasks such as pipeline upgrades, technical renovations, gas meter replacements, and gas supply services after relocations, as well as the construction of gas facilities for affordable housing.

#### **Construction of resettlement buildings**

development.

#### Improvement of municipal infrastructures

BMEDI has executed several key infrastructure projects aimed at enhancing public well-being, including the renovation and upgrading of low-speed mobility systems, the expansion of water treatment plants, and the development of domestic sewage treatment pipelines. These efforts are designed to create urban public spaces, enhance urban functionality, and drive urban renewal.

#### Medical and health care services

BGCD has actively promoted the development of the elderly care industry by devising an integrated medical and health care service framework for senior citizens. As part of the Taoranting project, BGCD has also established a health service system that spans home, community, and institutional care to enhance the elderly's selfcare abilities.



A patient presented a traditional silk banner to express gratitude for the considerate care provided by Hengyi Rehabilitation Home

BGCD has undertaken resettlement building projects, coordinating the centralized delivery of housing units and facilitating contract signings, aiming to improve the living conditions of relocated villagers, enhance the city's image, and drive regional

# Employee Well-Being 🛞

# Nurturing Employee Personal Development to Build a Fulfilling Enterprise

Beijing Enterprises Group has devoted itself to building a dynamic organization, leading the way in cultivating a positive workplace culture. Emphasizing a people-centric philosophy, the Group has effectively safeguarded employees' legitimate rights and interests, while actively promoting the deep integration of employee growth, enterprise development, and social progress, thereby creating a sustainable and fulfilling environment from all aspects.

# KPIs

- Signed labor contracts with 100% of employees
- Held 12 Workers' Congress sessions across two levels within the Group and its directly affiliated companies
- Invested RMB 25.0285 million in employee training, benefiting 79,751 participants
- Provided assistance to employees on 3,289 occasions with the fund totaling over RMB 16.23 million
- Provided jobs for more than 190 disabled individuals
- (46) Protecting employee rights and interests
- [48] Supporting career development
- 50 Caring for Employees
- [52] Supporting female employees
- 53 Inspiring employees through role models



# BG's Solutions for Urban Sustainable Development

Beijing Enterprises Group has adhered to a talent-driven development strategy, respecting both market dynamics and the principles of talent cultivation. In response to the opportunities and challenges presented by green and low-carbon development and digital and intelligent transformation, the Group has consistently advanced the reform of its market-oriented talent development systems and mechanisms, expanding diverse channels for democratic communication, deepening the construction of harmonious labor relations, and fully harnessing employee enthusiasm and creativity, thereby establishing a steady pipeline of competitive talent, and providing a robust talent supply and intellectual support for the Group's high-quality development.

# Governance

- Expanding and deepening the reform of the three institutional systems (labor, personnel, and distribution) across the Group, and implementing targeted actions to enhance the Group's human resource management
- Establishing an internal supplementary medical insurance system to form a multi-level medical and health security framework

#### **Active response to SDGs**



# Actions in 2023

- Promoted the digital transformation of the Group's labor contract management and established an electronic labor contract management platform
- Refined the employee training system and developed the "Learning When Young" training service brand
- Conducted a variety of cultural and sports activities to support employees' healthy work-life balance
- Organized advanced individual selection and commendation activities to set up positive role models among young employees

# Plans for 2024

- Improve the "one focus, two wings, and three dimensions" training system to continuously enhance employees' comprehensive abilities
- Optimize job-level management, expand coverage, and further broaden opportunities for employee development
- Actively implement medium- to long-term incentives to ensure employees fully share in the achievements of the Group's development

# Protecting Employee **Rights and** Interests

Beijing Enterprises Group has adhered to employment equity in full compliance with applicable laws and regulations, consistently improving compensation and benefits plans, prioritizing the physical and mental well-being of employees, and comprehensively safeguarding their legitimate rights and interests.

# Adhering to employment equity

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In 2023,

the Group signed labor contracts with **100**% of its employees

## no incidents of

child labor, forced labor, or violations of any applicable labor laws or regulations

Beijing Enterprises Group has strictly abided by the Labor Law of the People's Republic of China, the Labor Contract Law of the People's Republic of China, and the Regulations for Implementing the Labor Contract Law of the People's Republic of China, establishing an open, equitable, competitive, and market-oriented recruitment mechanism. It has firmly committed to eliminating discrimination based on nationality, gender, age, race, religion, pregnancy, or disability, and explicitly prohibited the employment

of minors. Additionally, BG has focused on rural revitalization by offering jobs to rural laborers and has actively provided employment opportunities for vulnerable groups. The Group has signed labor contracts with employees in full compliance with the law, safeguarding their legitimate rights and interests. In 2023, the Group signed labor contracts with 100% of its employees, with no incidents of child labor, forced labor, or violations of any applicable labor laws or regulations.

# Improving compensation and benefits plans

The Group has refined its performanceoriented assessment and assignment system, formulating a set of compensation plans aligned with labor market positioning and labor productivity, and has regularly conducted job value evaluations. The Group has also implemented a rigorous performance assessment and compensation payment system, reflecting the value orientation of "compensation varying in direct proportion to performance."

# **Protecting** occupational health

BG has consistently strengthened its employee occupational health management efforts, inviting external experts to deliver health-themed lectures and offering free medical consultations. We have also promoted scientific and healthy lifestyles, improving employees' awareness of disease prevention and their self-protection capabilities. In 2023, the Group organized two free office rehabilitation lectures and traditional Chinese medicine consultations focused on gastrointestinal health for its subsidiary enterprises, which received high praise from the participating employees.

#### Assessment and assignment

The Group has refined its performance-oriented assessment and assignment system, formulating a set of compensation plans aligned with labor market positioning and labor productivity, and has regularly conducted job value evaluations. The Group has also implemented a rigorous performance assessment and compensation payment system, reflecting the value orientation of "compensation varying in direct proportion to performance."

### **Employee motivation**

The Group has applied medium- and long-term incentive measures, such as equity incentives, job bonuses, and project bonuses, to listed companies and technology-based enterprises. It has also explored new incentive mechanisms, including excess profit sharing, project investment participation, partnership mechanisms, and virtual equity, improving the accuracy and alignment of incentives, while also strengthening rewards for core employees, thereby empowering the enterprise's development.

### Employee benefits

The Group has established and continuously improved an employee benefits management system tailored to the enterprise's development. We have ensured timely and full payment of various social insurance premiums for our employees. and we have implemented an internal supplementary medical insurance system to create a comprehensive, multi-level healthcare and security framework. We have also strictly enforced policies such as paid annual leave and employee health management to fully safeguard the rights and benefits of our employees.



BEHL has been recognized as a "Good MPF Employer' by the Mandatory Provident Fund Schemes Authority (MPFA) for the fourth consecutive year

# Supporting Career Development

# Strengthening employee training

BG has remained committed to unlocking the potential of its employees in personal development. The Group has refined its employee training system. developed the "Learning When Young" training service brand, and implemented a comprehensive 360-degree young employee training program. It has also systematically organized a series of diversified and customized training activities to enhance employees' theoretical knowledge, professional abilities, and vocational skills, aiming to explore a talent development approach that reflects BG's unique characteristics and to create an "incubator" for its employees' personal growth and development.

#### **Theoretical proficiency**

The Group has organized a series of "Golden Sail" learning forums for young employees and established a comprehensive learning mechanism that includes daily learning, weekly debates, monthly discussions, and quarterly seminars, aiming to improve employees' political awareness and theoretical proficiency.

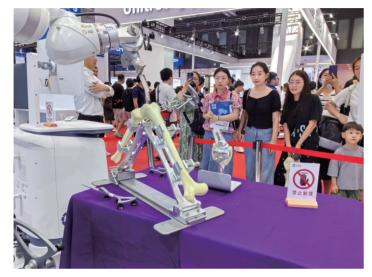
#### **Professional competence**

The Group has organized specialized training sessions, advanced workshops, and other development activities, inviting external experts to deliver lectures. A combination of face-to-face and remote video teaching methods has been adopted to improve employees' standardized operations and professional competence.

#### Vocational skills

The Group has implemented comprehensive measures to enrich, enhance, and refine employees' vocational skills. Employees are encouraged to participate in skill competitions focusing on job performance, creativity, innovation, and efficiency improvement, using practical application as a substitute for traditional training and leveraging competition to drive development, ultimately elevating vocational skill levels.

While pursuing its growth, BG has actively established a diversified and multi-level training system to empower employees in their comprehensive development, offering clear career development paths and a robust platform to support employee growth and success. In 2023, the Group invested RMB 25.03 million in employee training, benefiting 79,751 participants.



Young employees from Beijing Enterprises Group attended the 2023 World Robot Conference, embarking on their study tour



Trainees from the Beijing Gas Frontline Managers Training Class visited the site of the Tianjin Nangang Project



The insights-sharing symposium for young employees from Beijing-based enterprises was organized under the theme "Jointly Create a Bright Future by Building Strong Enterprises and a Powerful Country"



# Offering clear career development paths

Beijing Enterprises Group has committed to establishing scientific and effective career promotion channels by strengthening corresponding strategic planning and enhancing top-level design aligned with management levels and job categories. By formulating talent development maps, the Group has continuously improved the structure of leadership teams across all levels and driven the market-oriented reform and innovation of its talent development systems and mechanisms. It has also refined its market-driven personnel selection and appointment mechanism, improved the professional manager system, upgraded the standardized job evaluation framework, and consistently promoted competitive opportunities for middle and lower-level positions. Additionally, BG has analyzed the training models and growth trajectories for young cadres, ensuring smooth transfer channels and facilitating horizontal mobility and development for employees. Furthermore, BG has advanced a multi-channel management mechanism, enabling interconnections among management, expert, engineer, and technician roles, thereby providing employees with diverse career development paths and broader growth opportunities.

BBEG successfully acquired the qualification for autonomous recognition of vocational skill levels



# Caring for **Employees**



#### Since the establishment of the Sunshine Special Fund by the Group

Provided assistance to accumulative

**3,289** employees

# Spent for this purpose RMB 16,23 million

BG has adhered to a people-centric philosophy, actively providing assistance to employees in need and addressing their urgent and challenging concerns. It has also balanced work and life through a variety of cultural and sports activities, fostering a positive working environment to ensure that employees enjoy both a fulfilling work experience and a healthy life.

# Providing assistance to employees in need

The Group has established the Sunshine Special Fund to provide regular and targeted support to employees in need by improving their living conditions, providing medical assistance, special aid, and support for children's education, and ensuring visits to employees who have suffered work-related injuries. Additionally, the Group has expanded the coverage of mutual assistance among employees while maintaining its good traditions, such as conducting visits during two major festivals, recognizing frontline and model workers, and delivering warmth in winter and coolness in summer. These efforts have continuously enhanced the employees' working and living conditions.

In 2023, the Sunshine Special Fund of Beijing Enterprises Group conducted comprehensive employee assistance efforts, investing RMB 2.4 million to support a total of 549 employees.



# Fostering a positive work environment

The Group and its subsidiary enterprises have actively organized various employee-focused activities, including Children's Day celebrations, recognition of outstanding workstations, and collective birthday parties. We have also established dedicated spaces such as employee lounges, relaxation and recreation rooms. and "heartwarming stations" to continuously improve the working and living conditions of our employees, fostering a positive atmosphere for both comfortable work and fulfilling life.

# Organizing cultural and sports activities

The Group and its subsidiary enterprises have actively organized a series of themed cultural and sports activities, including football matches, table tennis tournaments, and card games, aiming to inspire a positive workplace culture, improve both physical and mental well-being, and sustain high levels of work enthusiasm. We have also established a platform for employees to showcase their talents while strengthening organizational cohesion.





Employee table tennis tournament organized by Beijing Enterprises Group



The Healthy Running Team from Beijing Enterprises Group participated in the "Running on the New Track for a Healthy Future" event

# Supporting Female Employees

# Protecting the rights and interests of female employees

The Group has revised the Attendance and Leave Management Rules for Employees of Beijing Enterprises Group Headquarters, strictly implementing regulations for maternity leave and fully safeguarding the rights of female employees to paid leave, and arranged a physical examination every six months specifically for female employees to better protect their health rights and interests.

# Enriching the lives of female employees

The female worker committees at all levels of the Group have actively organized a series of activities in celebration of International Women's Day, telling the stories of the dedication and contributions of female employees to both their roles and the well-being of the community, showcasing their charm, spirit, and accomplishments. The Group has also conducted the "Rose Fragrance from Books" themed reading activity to promote cultural exchange among female employees, further enhancing their sense of cohesion and pride.

# Paying special visits to female employees

In celebration of Women's Day, the Group has made special visits to model female worker teams and other groups of female employees, which served as an opportunity to learn about their work and living conditions while also offering care and support to them. Beijing Enterprises Group has attached great importance to supporting female employees by actively protecting their rights and interests, particularly in areas such as paid leave and health. The Group has made every effort to enrich their lives, provide assistance to those in need, and create an equal, healthy, and supportive working environment to enhance their sense of happiness and belonging.

# Inspiring Employees Through Role Models

Beijing Enterprises Group has continued its comprehensive model selection efforts, identifying 16 model enterprises, 35 pioneer worker units, 30 outstanding managers, and 156 exceptional employees, all of whom have been widely promoted as role models in 2023. The Group has also focused on recognizing young role models by organizing the annual excellence selection and commendation activity within the Communist Youth League. Through this initiative, 30 exemplary collectives and 80 exemplary individuals were selected, including the "May 4th" Red Flag Youth League Committee (General Branch), the "May 4th" Red Flag Youth League Branch, outstanding League members, outstanding League cadres, skilled young employees, and volunteer service pacesetters, fully aligning with the excellence selection channels of the Communist Youth League. In 2023, the Group won a total of 2 national-level honors and 18 municipal-level honors.



The Labor Union of Beijing Enterprises Group held a Women's Day celebration event to commend outstanding female employees and showcase their excellence

# Dedicated Protection $\gtrsim$

# Protecting Our Ecosystem with Low-Carbon Approaches

BG is committed to the principles of green development, advancing research and application of lowcarbon technologies to foster carbon reduction across various industries. The Company is engaged in comprehensive energy utilization and the development of hydrogen infrastructure, facilitating the transition to low-carbon energy and providing customers with green, efficient, low-carbon solutions. The Group actively addresses climate change, improves pollution management, promotes resource conservation and recycling, and safeguards the green ecological environment. By promoting green initiatives across businesses, BG supports high-quality sustainable development and contributes to achieving the goals of carbon peaking and carbon neutrality.

# KPIs

- Installed renewable energy capacity of about 761 megawatts, covering a heating area of approximately 4.8 million square meters.
- Service to 63 green credit enterprises, with a green credit balance of about RMB 4.38 billion.

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- Total carbon trading volume of 40,000 tons.
- **56** Carbon Reduction in Different Industries
- **58** Carbon Reduction in Energy Transformation
- 60 Carbon Reduction in Customer Service
- (61) Addressing Climate Change

- Intensified Pollution Reduction Management
- [67] Resource Conservation and Recycling
- [70] Ecological Restoration and Protection

### BG's Solutions for Urban Sustainable Development

The environment sustains us, green mountains enhance our beauty, and blue skies bring us joy. Guided by Xi Jinping's thoughts on ecological civilization, BG embraces the philosophy that "lucid waters and lush mountains are invaluable assets." The Group is actively working toward carbon peaking and carbon neutrality, increasing the environmental sustainability of industries to enhance their economic value. It aims to build a green, low-carbon, safe, and efficient energy system, providing effective energy conservation and carbon reduction solutions through lowcarbon design and planning, technologies, and products for sustainable urban development. Actively participating in the global mission to combat climate change, the Group leads with its environmental management system, strictly controlling pollution emissions and emphasizing resource conservation and efficient use. By adhering to natural development laws

and improving ecosystem quality and stability through biodiversity protection, ecological management, restoration technologies, and comprehensive water environment management throughout the lifecycle, it aims to create green, livable cities.





# Governance

- Improving the climate change management system
- Developing regulations for environmental protection
- Establishing a system for controlling environmental risks and identifying and managing the hazards

# Actions in 2023

- Proactively implemented energy conservation and emission reduction strategies, accelerating technological advancements in major energyconsuming industries
- Explored scenarios for integrating multiple energy sources, expanded the use of clean energy and developed a smart clean energy system
- Prepared the Carbon Peaking Action Plan and assessed the Group's current progress toward carbon peaking and carbon neutrality
- Increased efforts to support green credit and participated in carbon asset trading

Etwc's extensive water environment management in the Xinfeng River Basin in Daxing

ronment management in the Xinteng River Basin in Daxing, Beijing, has resulted in clear waters and blue skies.

# Plans for 2024

- Significantly improve methane emission control, to reduce the average methane emission intensity in natural gas production to below 0.25% by 2025
- Develop an "N+1+X" hydrogen energy supply system, create renewable hydrogen sources within urban areas, and build hydrogen production facilities and refueling stations
- Establish a low-carbon energy framework, focusing on upgrading and transforming high-energyconsuming processes within businesses to improve energy efficiency
- Enhance resource recovery capabilities by exploring the extraction of thermal energy, biogas, nitrogen, phosphorus, and other materials and energies from wastewater and sludge

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# Carbon Reduction in Different Industries



#### 2023 Yanjing Beer

all energy consumption targets

having been achieved

8.800 megawatt-hours

of green electricity were utilized,

resulting in a reduction of carbon dioxide emissions by

5.300 tons.

All BG affiliates have proactively implemented energy conservation and emission reduction strategies, accelerating technological advancements in major energyconsuming industries such as manufacturing, construction, heating, and water services. They have explored opportunities for energy conservation, enhanced energy efficiency, increased the use of clean energy, and improved carbon emission management, supporting the green and low-carbon transformation of urban consumption and products and contributing to the high-quality development of green, low-carbon cities.

# Carbon Reduction in Manufacturing

#### **Yanjing Beer**

#### BIIC

For energy conservation and efficiency improvement: Initiatives such as natural gas boiler upgrades and improvements to bottling lines have been implemented to boost production efficiency. Comprehensive assessments of water, electricity, steam, and CO2 usage have been integrated into performance evaluations at all levels within the headquarters' pro-duction center, with all energy consumption targets having been achieved by 2023. Energy recovery projects have also been conducted to facilitate the reuse of carbon dioxide. condensate, and biogas, contributing to low-carbon production.

For renewable energy application: A total of 7.6 megawatts of distributed photovoltaic power projects have been installed on factory rooftops using contract energy management. In 2023, 8,800 megawatt-hours of green electricity were utilized, resulting in a reduction of carbon dioxide emissions by 5,300 tons.

For energy conservation and efficiency improvement: The "Energy Service Platform for "carbon peaking and carbon neutrality" has been developed to enable real-time monitoring, statistics, and management of energy equipment. In line with the park's mangement of "carbon peaking and carbon neutrality", energy conservation renovations have been carried out on older buildings, providing comprehensive energy & "carbon peaking and carbon neutrality" services capabilities for park enterprises across three dimensions: park management, enterprise services, and operational services.

For renewable energy application: Distributed solar photovoltaic power generation systems have been built in the Jingyi Daxing Science and Technolgy Industrial Park, Jingyi Renewable Energy Yanging Plant, and other industrial parks. Enterprises within these parks have prioritized the use of clean energy, supplying any surplus electricity back to the grid. Jingyi Jingye Electric Technology has signed a distributed photovoltaic power generation project with Jingkai Integrated Smart Energy, effectively reducing carbon emissions through clean energy generation.





National-Level "Green Factory" List



Beijing Jingyi North Instrument Co., Ltd. is the only company in Beijing's instrumentation sector to be included on this list.

In 2023, Yanjing Beer added three new facilities, bringing their total to nine national-level "Green Factories."

# Carbon Reduction in Buildings

The Group has adopted the national "14th Five-Year Plan for Green and Low-Carbon Transformation of Buildings," exploring green and low-carbon transformations in areas like urban renewal, and implementing energy conservation renovations in its own public buildings. In 2023, the existing ultra-low energy buildings encompassed an area of 35,000 square meters, and BERE completed energy conservation renovations on 12,500 square meters of its own public buildings.

# BEWG

Urban environmental protection

The Beihai project saved around **3.000** kilowatt-hours of plant power daily.

Tai'an project having seen reduction in both urea usage and power consumption for leachate treatment facilities.





with smart heating upgrades completed 4.679 million square meters

For energy conservation and efficiency improvement: The wastewater treatment business has adopted an energy efficiency lean management model, establishing system and equipment evaluation models to optimize equipment operation modes and working hours. This has ensured high energy efficiency in operations and reduced energy consumption. An online process control tool has also been developed to transform advanced process control methods into platform-based application tools, enhancing system stability and reliability while promoting energy conservation in production. For renewable energy application: The

rooftop resources of water plants have been fully utilized by installing distributed photovoltaic power generation devices, replacing traditional fuels with solar and other clean electricity. Energy recovery technologies such as water source heat pumps and anaerobic digestion have also been promoted to reduce fossil energy consumption. Additionally, specialized research on the full lifecycle accounting of photovoltaics has been conducted to advance clean energy application technologies.

#### **Urban environmental protection**

For energy conservation and efficiency improvement: Several projects have been guided and supervised to improve garbage pit management and reduce primary air temperatures. The Changde project has achieved about a 1% reduction in plant power consumption by optimizing the operation modes of key auxiliary machines. The Beihai project saved around 3,000 kilowatt-hours of plant power daily by adjusting the operation

## Carbon Reduction in the Production and Supply of Water, Electricity, and Heat Power

mode and load/unload parameters of air compressors between fixed and variable frequencies. Projects in Xixian, Haidian, and Tai'an preliminarily completed the technical transformation of leachate raw liquid respraying incinerators, with the Tai'an project having seen a 50% year-on-year reduction in both urea usage and power consumption for leachate treatment facilities.

For renewable energy application: The household waste incineration power plant has operated as a biomass renewable energy power plant. It uses 16% of the generated electricity for internal operations, while the remaining power is supplied to the grid.

#### BBEG

For energy conservation and efficiency improvement: A comprehensive approach to budget and energy consumption management has been implemented, adjusting project operations according to room temperature changes to maintain residential heating while reducing energy use. The second phase of the smart heating cloud platform has been advanced to enhance intelligent operational efficiency, with smart heating upgrades completed for 4.68 million square meters.

For renewable energy applications: The use of clean energy has been expanded, and scenarios for combining multiple energy sources have been explored. In the West Region of Huoxian County, a green electricity heat pump demonstration project has been developed, combining a green electricity photovoltaic system with an electric heat pump and a flue gas waste heat recovery system, reducing carbon dioxide emissions by about 265.4 tons annually.

# Carbon Reduction in **Energy Transformation**

BG is committed to green and low-carbon development, continuously investigating scenarios where multiple energy sources are integrated. The Company focuses on researching carbon reduction technologies for natural gas, expanding the use of clean energy, and leveraging its existing technological strengths to build a smart, clean energy system, aiming to accelerate carbon reduction in energy transformation.

# Integrated energy

#### **Beijing Gas**

Implementing a comprehensive energy heating strategy by integrating multiple shallow and deep energy sources, comprehensive energy projects such as the city sub-center No. 6 energy station and large-scale regional centralized heating initiatives, like the Garden Expo Park residential project, have been developed and constructed. Subsidiary energy companies have utilized intelligent source management systems for the unified dispatch and management of regional energy, ensuring "low-carbon, efficient, low-cost, and sustainable" development in energy supply areas.

#### BBEG

The Gas Thermal Power Engineering Design Institute has deepened its research on smart heating and successfully developed and launched the "Warm Beam" smart heating management platform. Research capabilities in hydrogen energy have also been enhanced by design supervision, leading to the expansion of the hydrogen energy business. Beijing United Gas Engineering & Technology Co., Ltd. has focused on comprehensive energy utilization, undertaking projects such as the Xiong'an Central Green Valley shallow geothermal project.

# **Research on Natural Gas Carbon Reduction**

Aligned with the principles of being "low carbon, cost-effectiveness, safety, and reliability," the Group has advanced the integration of natural gas with new energy sources through multi-energy coordination and smart combinations, which has been applied in comprehensive energy projects and smart heating initiatives. The Group is also researching ways to reduce carbon emissions from natural gas, with a particular focus on developing renewable energy supply and storage solutions. Furthermore, it is exploring the use of hydrogen and other green energy sources to promote sustainable energy supply.

#### **Beijing Gas**

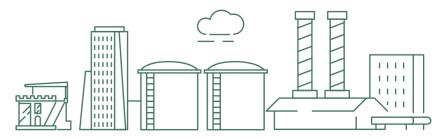
Feasibility studies on biogas utilization and natural gas hydrogen production projects have been undertaken, and the development of integrated natural gas and hydrogen production/hydrogen refueling stations in areas such as Pinggu and Daxing has been strategically planned.

#### BBEG

Research on developing the hydrogen compressed natural gas (HCNG) industry has been conducted, and the participating Feasibility Study on Mixing Hydrogen in Natural Gas Pipelines and Terminal Utilization has been completed and accepted, supporting the achievement of the Dual Carbon Goals in urban-rural development.



Beijing City Sub-Center No. 6 Energy Station Substation



# New Energy

BG is steadily advancing the industrialization of new energy by establishing industry chains for green natural gas hydrogen production, hydrogen compressed natural gas pipelines, and hydrogen energy transportation applications, thereby achieving deep integration of the hydrogen and natural gas industries. The Company is expanding its distributed photovoltaic projects and increasing the scale of photovoltaic power generation installations. It is also developing its electrochemical energy storage business, focusing on large-capacity, long-duration storage technologies (flow batteries) and power conversion system (PCS) technologies, while developing core components and prototypes of energy storage systems to provide megawatt-level energy storage solutions.

As of the end of 2023, the Group's total installed capacity for renewable energy reached approximately 707 megawatts, enabling the heating of an area of about 4.8 million square meters using renewable sources. This effort has resulted in an annual reduction of approximately 1.3 million tons of carbon dioxide emissions.

# **Carbon Reduction in Customer Service**

All BG affiliates are actively involved in design planning and technical research related to carbon peaking and carbon neutrality, They offer customers effective energy conservation and carbon reduction solutions, promote the empowerment of green technologies, and explore pathways for green, low-carbon development.

## Low-Carbon Technologies and Products

The Group is actively engaged in researching green technology innovations, focusing on key areas of lowcarbon technology and emerging sectors to overcome technological challenges. This effort supports urban economic growth and improves the quality of life for citizens through sustainable, low-carbon solutions.

#### BEWG

The project titled "Weak Electric Mediation Enhanced Water Environment Ecological Restoration Technology Application" received first prize at the 2023 Environmental Protection Science and Technology Award. The SED warning function was successfully designed and developed and has been implemented to provide real-time data alerts in operational water plants.

#### Jingyi Atmosphere Environmental Protection Technology Co., Ltd.

The Mini Ambient Air Quality Monitoring System AEPT-DO005, has successfully received the China Certification for Environmental Products(CCEP) issued by the China Association of Environmental Protection Industry.

#### BBEG

Key areas such as carbon emission reduction and carbon neutrality have been prioritized, with scientific research projects initiated to establish a platform for new energy technology and industry innovation. This platform is dedicated to overcoming technological challenges, transforming these advancements, and applying them in industrial settings.

#### **BG Environment**

Over RMB 40 million has been invested this year in technological upgrades, significantly reducing nitrogen oxide emissions from incinerator flue gases and minimizing the release and spillage of toxic gases during the transport of leachate.

## Low-Carbon Design and Planning

The Beijing General Municipal Engineering Design & Research Institute (BMEDI), an affiliate of the Group, is actively involved in developing various green standards, including the Urban Comprehensive Passenger Transport Hub Low-Carbon Technology Standard and the Road Engineering Carbon Emission Standard Calculation. It incorporates low-carbon technologies into urban planning and design projects, supporting the goals of low-carbon and green industry development.

# Program for Climate Change

BG is committed to the national strategy of carbon peaking and carbon neutrality, playing a vital role in the global mission to address climate change. The Company has established an improved climate change management system, leading the gas industry in tackling this issue. It has strengthened efforts to support green credit, engaged in carbon trading, adopted green office practices in daily operations, and promoted environmental awareness and public welfare activities, thereby practicing a low-carbon lifestyle and fulfilling its responsibilities as a state-owned enterprise in global climate governance.

# Climate Change Management System

BG actively engages in developing the Carbon Peaking Action Plan, thoroughly assessing the Group's current progress in carbon peaking and carbon neutrality. The Company has defined action goals and guidelines and systematically constructed pathways for coordinated development in energy transformation, energy conservation, carbon reduction,

and green environmental protection industries. Focusing on industry development and support mechanisms, it addresses five major urban sectors: energy, environmental protection, consumption, technology, and products. BG has deployed ten key industry development tasks and established six green development elements, including



technological innovation, digitalization, carbon trading, and green finance, formulating four such support measures as organizational planning, goal supervision, report disclosure, and talent cultivation and thereby providing institutional support for the Group's efforts for the Dual Carbon Goals and assisting the capital city in its carbon peaking goal.

BBEG successfully ignited the "Tide Surge" torch using green methanol as a fuel source.

Case Study

# Leading the integration of national climate change adaptation strategies and climate assessment pilots

BG is committed to supporting global climate action and playing a proactive role in energy transformation. In 2023, the Group advanced climate assessment work using Beijing Gas as a pilot project, focusing on four areas: climate response governance, climate mitigation strategies, climate risk management, and management indicators and targets. Through this initiative, the Company fully disclosed its measures for managing and responding to climate-related risks.

#### Governance

- BEHL has established a climate change governance structure and publicly released its *Policies for Addressing Climate Change*, comprehensively facilitating the deployment and oversight of climate assessment and response efforts across all business sectors.
- Each business sector is in the process of developing or has already developed a climate change management system to enhance effective climate action.

#### **BEHL Climate Change Governance Structure**

Governance Managemen	Responsible Body	y Roles and Responsibilities
Governance	Board of Directors	The Board of Directors is the supreme decision-making body for climate-related tasks, responsible for examining and approving the Company's policies, strategies, objectives, work plans, risk evaluation results, and other matters related to climate change, and ensuring alignment of the Company's sustainable development efforts with its business strategies. The Board of Directors delegates oversight of the Company's climate initiatives to the Sustainable Development Committee and routinely reviews and approves the Committee's reports.
Management	Sustainable Development Committee	The Sustainable Development Committee is the main body responsible for managing BEHL's climate strategies. Its key duties include evaluating the Company's climate strategies, understanding and assessing potential climate change risks, reviewing risk management strategies, making day- to-day decisions, allocating resources, and implementing strategies.
Execution	Sustainable Development Task Force Sustainable Development Task Force of Headquarters Departments/Affiliates	

### Strategies

**s** Climate mitigation strategies have been developed around four main action areas, achieving tangible progress and results in each area.

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#### Current integration

Actively aligning with national climate mitigation plans, serving the national 14th Five-Year Plan, and playing a positive role in China's transition to green energy.

#### 🚫 Win-win cooperation

Sharing BEHL's insights to foster coordinated carbon reduction efforts across the industry through innovative research and industry exchanges.

#### Risk Management

Methods for evaluating climate risks and opportunities have been refined and corresponding assessment models and tools have been developed.

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A climate risk assessment pilot has been completed for Beijing Gas and a climate risk management process has been established.



Developed assessment models for four acute physical risks: extreme heat, extreme cold, extreme precipitation, and typhoons. Conducted quantitative analysis of these risks, evaluating multiple dimensions such as likelihood, impact severity, and adaptability.

#### Physical risks

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Completed systematic assessments of two chronic physical risks: sea level rise and global warming.



Systematically assessed seven major transformation risks, including shifts to low-carbon energy structures, increased pricing of greenhouse gas emissions, and methane emission control, as well as three major climate opportunities, such as new energy business development, and considered factors like likelihood and impact severity in the evaluations, resulting in a risk matrix and ranking.

Transition risks and opportunities Performe existing r

Performed adaptability analyses for major transition risks and opportunities, reviewed existing response measures, and planned future actions.

#### Indicators and targets

BEHL aims to achieve carbon peaking by 2030, with each business sector methodically planning its development and setting specific phased carbon reduction goals. Beijing Gas has set the following goals to reduce methane emissions:

Goals to reduce methane emissions

Maintain methane emission intensity below **0.12%** by 2025. Reduce methane emission intensity to nearly zero by 2030.

62

Staying abreast of emerging industry trends, focusing on strategic new industries and committing to a path of green, high-quality, and sustainable development.

Low-carbon operations 🕐

Future outlook 🖽

four main action

Implementing specific and effective measures for energy conservation, emission reduction, and pollution prevention to minimize environmental impact and support the industry's transition to zero-carbon development.

# Leading the Gas Industry in **Addressing Climate Change**

We have made full use of our existing infrastructure, customer base, and influence in the urban energy sector to lead the way in addressing climate change. By collaborating with industry. academia, and research institutions and actively organizing or participating in industry events, we have strengthened international cooperation in developing green and low-carbon energy, positioning us as leaders in the gas industry's efforts to tackle climate change. Beijing

In 2023, BEGF

green credit balance

RMB 4.376 billion

In 2023, the Group

the Group successfully traded

**40.000** tons of carbon

green credit companies

seved

63

Gas has developed a method for methane emission accounting specifically designed for urban gas supply companies in China. This initiative addresses the previous lack of greenhouse gas accoun-ting standards for these companies and has led to the creation of a recommended national standard. We have also actively engaged in both domestic and interna-tional gas industry conferences to share our emission reduction practices, contributing to the reduction of methane emissions in the urban gas sector.

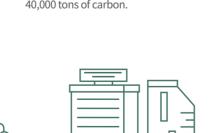
# **Developing Green** Credit

In alignment with policy direction, BG has increased efforts to promote green credit by focusing on its core businesses and supporting green industries, particularly in sewage treatment, photovoltaic power, and other areas. In 2023, BEGF served a total of 63 green credit enterprises, with a green credit balance of approximately RMB 4.4 hillion

# **Carbon Reduction in Green Office**

The Group is advancing the transition of its official vehicles to new energy models, having convened a special meeting with its subsidiaries to promote the adoption of these vehicles in alignment with Beijing's green and low-carbon development mandates. Additionally, the Group has advocated for paperless practices in meetings and daily office work, promoting low-carbon operations and recycling to reduce the consumption of energy, paper, and water.

#### set of laws, regulations, and policies regarding carbon trading within its Environmental Protection Work System of Beijing Gas Group Co., Ltd. to standardize carbon asset trading. Meanwhile, BE Environment has entered into a framework agreement with the Beijing Green Exchange to collaborate extensively on initiatives related to carbon neutrality, carbon assets, and other associated areas. In 2023, the Group successfully traded a total of 40,000 tons of carbon.



**Carbon Asset** 

The Group is committed to reducing

carbon emissions and has actively

participated in carbon trading for major

emitting companies by implementing

operational improvements, transitioning

to clean energy, and adopting energy

conservation technologies. Beijing

Gas has established a comprehensive

Trading

State State

201

The Group took part in the "Zero Carbon for Earth" charity walk event.

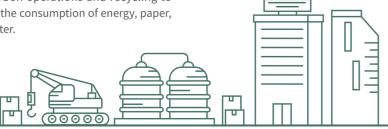
Enhanced Pollution Reduction Management

世起来 §碳为地球#环境行动启动仪式

> We are fully committed to our environmental protection responsibilities, establishing a comprehensive environmental management system and, for the emissions of waste gas, wastewater, and waste materials, strictly adhering to the standards set by national laws and regulations.

# Environmental Management **System**

In compliance with legal and regulatory standards, considering practical aspects, the Group has refined and perfected its environmental protection regulations and systems. We have established a robust environmental responsibility system, ensuring strict adherence to our primary duties in environmental protection, and maintained a list of environmental risks and a record of potential hazards, formulating targeted risk control measures and hazard investigation and management plans to ensure compliance with environmental standards. We have also strengthened the supervision of key polluting enterprises through special environmental inspections and surprise checks, gaining a comprehensive understanding of their environmental efforts and rigorously assessing and holding accountable any violations. Furthermore, we have increased our



a total of



# **Promoting Green** Initiatives

The Group and its affiliates advocate for environmentally friendly living through educational outreach, site visits, and participation in environmental public welfare activities. By actively practicing green travel, recycling, and adopting a green, low-carbon diet, they are collectively working toward a zerocarbon future.

investment in environmental protection by updating and upgrading equipment and facilities to enhance our capabilities through technological advancements. In 2023, the Group conducted 12 special environmental inspections and issued 7 environmental verification and rectification notices. Last year, we addressed 13 administrative violations related to safety and environmental protection across various enterprises, a year-on-year 45.8% decrease.



### In 2023, the Group

addressed administrative violations related to safety

13

a year-on-year decrease

45.8 %

# Waste Gas Management

Beijing Gas diligently adheres to documents such as the Implementation Plan for Action Plan on Prevention and Control of Air Pollution in Hebei Province and the Implementation Rules for Prevention and Control of Air Pollution in the Beijing-Tianjin-Hebei Region and Surrounding Areas, adopting various measures to prevent air pollution and effectively controlling the adverse impact of construction dust and vehicle exhaust on the atmosphere.



Beijing Jingyi Automation Equipment Co., Ltd. specializes in the production of waste gas treatment equipment for semiconductor processes.

# Wastewater Management

#### **Yanjing Beer**

Condensate recovery has been implemented across brewing, packaging, and heating processes. After testing, the condensate is pumped into a circulation tank and then integrated into the boiler feedwater system. Biogas production efficiency from wastewater has also been enhanced, leading to a continuous reduction in natural gas consumption per ton of spent grain.

#### **BE Environment**

Leachate treatment facilities have been installed at the Haidian project in Beijing to process leachate generated from waste storage. All treated wastewater is recycled. By utilizing air cooling technology, 3,000 cubic meters of water have been saved daily, significantly reducing water resource consumption.

#### **Beijing Gas**

Eco-friendly toilets have been installed at construction sites, with sewage regularly disposed of by sanitation departments. No machinery repair facilities are set up on-site to prevent oil leaks and oil-contaminated wastewater from affecting the water environment.

### Waste Management



During wastewater treatment

259 tons of waste

499.000 tons of fly ash

82.78 tons of

waste lubricating oil

2.617.600 tons of slag

48,200 tons of waste glass slag

> Three group standards for the Guidelines for Managing Pollution from Three Wastes in Small-Scale Domestic Waste Incineration Plants, and hazardous waste and general industrial solid waste have been categorized, disposed of, and recycled.

Resource Conservation and Recycling BG has accelerated efforts across its subsidiaries to continuously research, develop, and implement technological advancements in sludge, solid waste, and domestic waste disposal and resource utilization. We have increased investment and construction in sludge disposal facilities and actively participated in the final disposal stages of urban waste classification, leading to the successful recycling of solid waste and effectively turning waste into valuable resources.

#### ○ BIIC

Relevant systems and measures have been established for handling both hazardous and non-hazardous waste, with specific targets set to reduce such waste.

#### **Beiiing Gas**

The management of waste liquid and residue collection, storage, and disposal from daily gas production operations has been standardized. Solid waste, hazardous waste, and domestic waste are sorted and recycled.

#### **Yanjing Beer**

The recovery and utilization of recyclable by-products have been promoted through by-product revenue, and training and promotion have been provided to support these initiatives.

#### BEWG

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Innovative technologies, including sludge carbonization and strong oxidation, have been employed to advance the resource utilization of sludge.

#### Solid Waste Platform

BG remains steadfast in its commitment to green and high-quality development, with a strong focus on conserving and efficiently using water resources. The Group has strengthened its efforts to reduce packaging material usage, promoted waste classification for environmental protection, and is committed to building a resource-efficient and environmentally friendly enterprise.

# Water Resource Management

In alignment with national laws and policies on water resource management, BG has encouraged its affiliated enterprises to enhance their management of water usage in production and operations. This includes innovating technologies to repurpose sewage as a resource and excelling in the management and maintenance of water use facilities, all aimed at promoting the efficient utilization of water resources.

# Water conservation during production

#### Jingyi Ruiyuan has implemented watersaving equipment and conducted regular water balance tests to ensure the efficient use of resources. At the Jingyi Technology Incubator, watersaving devices have been installed, and monthly energy consumption analyses are carried out, with inspections of water use facilities strengthened to prevent leaks. Meanwhile, the Solid Waste Platform's domestic waste incineration plants have adopted defogging water-saving cooling towers, achieving a water vapor recovery rate of about 20%, contributing to water resource conservation.

#### Clean water source

BEWG has formulated the Management Measures for BEWG Water Resources to strengthen water resource management from the source. The Group has strictly controlled the use of reclaimed water and continuously optimized production processes to ensure efficient utilization of water resources. Realtime monitoring and control of water supply network leakage are achieved by leveraging a smart water supply platform. The Group has also been exploring the external use of recycled water for industrial production and ecological replenishment to help alleviate water scarcity.





BEWG's New Water Project

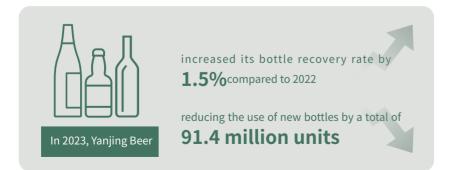
## Saving Packaging Materials

Honors

Yanjing Beer, an affiliate of the Group, has actively promoted eco-friendly packaging by collaborating with suppliers to introduce biodegradable materials and recyclable packaging, thereby reducing waste generation. It has streamlined and enhanced its bottle recovery network, primarily driven by distributors and supported by bottle merchants, introducing professional bottle merchants to boost its bottle recovery rate, ensuring the efficient retrieval of bottles circulating in the market. In 2023, Yanjing Beer increased its bottle recovery rate by 1.5% compared to 2022, reducing the use of new bottles by a total of 91.4 million units.

# Domestic Waste Classification

All affiliates of the Group have effectively implemented waste classification initiatives, strengthening the promotion of urban household waste classification and raising public awareness about its importance. These efforts foster a positive atmosphere of societal attention and widespread participation, aiming to enhance social engagement and improve overall classification standards.





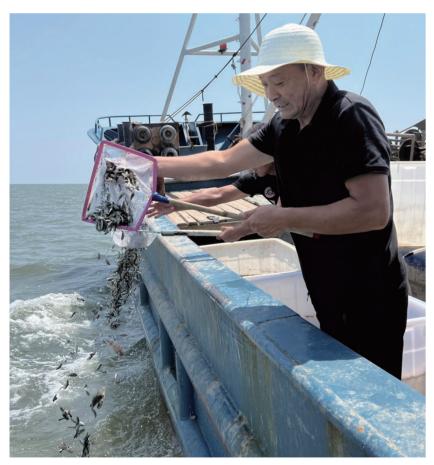
BEWG organized a themed event focused on waste classification.

# **Ecological** Restoration and Protection

The construction of ecological civilization is a fundamental strategy for the sustainable development of the Chinese nation. BG is fully committed to embracing this new development concept, spearheading urban sustainable development with a focus on technological innovation and proactive planning. The Group is also dedicated to advancing clean energy and green environmental initiatives, establishing sustainable mechanisms for environmental protection, and consistently creating a green, low-carbon, and efficiently intelligent urban environment by promoting urban environmental culture and ecological civilization in areas such as biodiversity conservation, ecological restoration, and comprehensive water management.

# **Biodiversity Conservation**

Before construction, Beijing Gas developed the Construction Plan for Beidagang Wetland Nature Reserve and the Implementation Plan for Marine Fishery Resource Restoration. These plans underwent expert evaluations and received approval from management authorities to minimize their impact on biodiversity. During construction, schedules and timings were carefully arranged to reduce noise, blue uniforms replaced the usual red to minimize visual disturbance, and camouflage barriers were installed around the construction area to lessen disruption to birds. A special fund was also reserved for fishery ecological compensation to support restocking activities, effectively replenishing aquatic resources and promoting the harmonious development of the economy and resource conservation.



Wharf engineering fishery restocking for the Beijing Gas Tianjin Nangang LNG **Emergency Reserve Project** 

Restoration to original condition for the pipeline construction of Beijing Gas Tianjin Nangang LNG Emergency Reserve Project Passing Through the Tianjin Beidagang Wetland Nature Reserve

# Ecological Environment Restoration

Beijing Gas strictly complies with the environmental protection requirements for sensitive areas, ensuring that construction camps, spoil disposal sites, mud pits, and waste discharge facilities are not established within these zones. To prevent environmental pollution and minimize the impact on residents, dust suppression and temporary covering measures are implemented at construction sites. After construction is completed, the exposed ground is restored by planting trees and grass, and hydraulic protection measures are applied. Drainage ditches and riverbanks are restored to their original condition to promote ecological recovery.



### **Comprehensive Water Environment** Management

Companies under BG, such as BEWG and BMEDI, are implementing a comprehensive water environment management system, focusing on both watershed and urban scales. This is achieved through pollution interception and treatment, river and lake management, sponge city construction, remediation of dark and odorous water bodies, and projects aimed at water system connectivity and revitalization. The goal is to establish an urban ecosystem where water and the city coexist harmoniously, fostering a water environment that supports biodiversity restoration.

### Case Study

### BMEDI assisted Yingtan City in Jiangxi Province in achieving an A-grade rating for its sponge city construction demonstration project

In June 2023, the results of the 2022 performance evaluation for the central government's financial support of sponge city construction demonstration projects were announced. Yingtan City's sponge city construction demonstration efforts in Jiangxi Province received an A-grade rating, placing it among the top in the country. The construction of the PPP project, the "Plant-Network-River-Lake-Park" integrated sponge city in the Xinjiang New Area, is one of the five core projects of Yingtan City's comprehensive sponge city demonstration. As a member of the consortium, BMEDI is responsible for the project's survey and design work, contributing to the creation of a model example for Yingtan City's urban landmark.

### **Restoring river and lake** ecology

A "blue sponge system" has been established, connecting seven lakes and six rivers to create a comprehensive water system landscape within the New Area. This living water project has ensured an ecological base flow of rivers and provided supplementary water sources for lakes, thereby preserving the natural ecological environment of the waterways.

### **Optimizing drainage system**

A comprehensive restoration framework has been developed, centered on nine major projects. This initiative focuses on rectifying water inflow at waterlogging points, correcting mixed and incorrect connections, and repairing pipelines, leading to a complete overhaul of the drainage system in both municipal and residential areas. Water quality and quantity testing have also been conducted for 95 drainage units within the New Area, ensuring the entire system operates effectively, with a clear separation of clean and polluted water.

Implementing micro sponge retrofits at the source

Measures such as permeable paving, rain gardens, and ecological grass ditches have been employed, aligned with projects for rain and sewage separation, road waterlogging renovation, and community quality enhancement, and tailored for 101 locations, including residential areas, public buildings, and roads.



Comparison of the Minyue Garden sponge project before and after renovation



The hidden pollution source management project for key villages in Baiyangdian (Anxin County), supervised by Beijing Utility Engineering Design & Supervision Company Limited under BBEG



BEWG's comprehensive management project of the Xinfeng River Basin in Beijing Daxing

# Focused Innovation

# Developing New Quality Productive Forces Through Technological Innovation

Beijing Enterprises Group is committed to deepening reform, continuously improving mechanisms for technological innovation, and accelerating to support the digital transformation of urban technology. The Group is also focused on strengthening talent acquisition and development, providing robust momentum for its high-quality growth.

### KPIs

- Added 4 new high-tech enterprises and 9 specialized and innovative enterprises
- Secured authorization for 146 new invention patents and developed 23 national and industry standards
- Recruited 1,288 professionals across various fields
- [76] Innovating systems and mechanisms
- [77] Driving innovation
- [79] Empowering the future with digital intelligence
- [82] Cultivating technological innovation development



### BG's Solutions for Urban Sustainable Development

Progress comes through reform, strength through innovation, and success through both. Beijing Enterprises Group has remained committed to deepening the reform of state-owned enterprises, focusing on system and mechanism innovation. Effectively harnessing the enthusiasm, initiative, and creativity of diverse talent, it has fully activated its "self-generating" capabilities, driving the deep integration of industrial development and digital technology and facilitating the digital transformation and upgrading of existing industries. The Group has also utilized information technology to produce a range of urban technological innovations, developing smart solutions for sustainable urban development and creating green, digital, efficient, and shared urban spaces.

### Governance

- Improving modern corporate governance mechanisms
- Enhancing systems and mechanisms for technological innovation
- Building a collaborative platform for technological innovation
- Establishing the framework for a digital control platform

Active Response to SDGs



### Actions in 2023

- Efforts underway to establish a collaborative platform for technological innovation at BG, fostering an open and collaborative environment for innovation
- Restructured the operational mechanism of Beijing BllC Intelligent Technology Co., Ltd.
- Successfully listed Beijing Jingyi Automation Equipment Co., Ltd. on the STAR Market of the Shanghai Stock Exchange

# Plans for 2024

- Continue advancing the outcomes of BIIC Intelligent Technology's mixed-ownership reform, maintaining leadership in technological reform for BMEDI, and fostering internal growth vitality
- Further strengthen mechanisms for technological innovation and increase research investments
- Promote the phased development of technology-driven enterprises

# Innovating Systems and Mechanisms

BG is committed to fulfilling the requirements for deepening and enhancing the reform of state-owned enterprises, taking a proactive approach to addressing the challenges that impede the Group's high-quality development. By adhering to and precisely executing corporate governance standards, the Group has focused on integrating resources around its core business. Technological innovation is leveraged to drive the transformation and upgrading of existing industries, while market-oriented mechanism reforms are expanded and deepened, thereby enhancing the Company's value creation capabilities.

### Improving Modern Corporate Governance Mechanisms

The Group has continuously refined a governance mechanism that is legally compliant, transparent, coordinated, and effectively balanced, consistently elevating the governance standards of state-owned enterprises by improving the modern corporate governance system with Chinese characteristics. The successful transition of the BBEG Research Institute and the Special Inspection Institute from public institutions to enterprises marks a significant milestone, with all units under the Group now operating as corporate entities, solidifying the governance foundation of a modern state-owned enterprise system with Chinese characteristics.

# Improving Market-Oriented Operational Mechanisms

The Group is committed to world-class value creation and benchmarking and has undertaken a mid-term evaluation of the 14th Five-Year Plan to solidify reform and development goals and positioning. As part of this effort, it has issued the *Reform Plan for "Double Hundred Action" State-Owned Enterprise Reform of Beijing Enterprises Group (2023–2025)*, outlining 17 high-standard reform measures to advance the "Double Hundred Enterprises" initiative. By introducing strategic investors, the Group has further refined its corporate governance structure, facilitating the operational mechanism transformation of Beijing BllC Intelligent Technology Co., Ltd.. Notably, Beijing Jingyi Automation Equipment Co., Ltd. has been officially listed on the STAR Market of the Shanghai Stock Exchange, marking BG's first company to achieve this milestone.

### Deepening Supply-Side Structural Reform

BG has intensified its efforts in resource integration by implementing plans for reduction and withdrawal. These efforts include streamlining organizational layers, reducing non-capital functions, exiting companies on two "watch lists," divesting from enterprises that are "non-core and non-advantageous" or have "inefficient and ineffective assets," and clearing overseas special purpose companies. A dynamic and assessment-driven work mechanism has also been established to guide these initiatives. In daily operations, the focus is on overcoming challenges and difficulties encountered during the withdrawal process, employing various strategies to ensure the steady and orderly reduction and withdrawal of enterprises.

# Driving Innovation

in 2023

investment of RMB **2.952** billion

## Advancing Implementation of Technological Reform

Leveraging the inclusion of Beijing Gas and BMEDI in the "Technological Reform" enterprise list, the Group has utilized a reform "toolkit" to guide these entities in revising and formulating reform plans and work schedules, thereby aiding enterprises in deepening market-oriented reforms and enhancing their independent innovation capabilities. Beijing Gas has implemented 18 reform tasks and 67 key measures focused on technological innovation, market-driven personnel selection, and employment, as well as incentive and constraint mechanisms. Meanwhile, BMEDI has steadily advanced 12 "Technological Reform" tasks, including asset restructuring and stock reform listing of its design consulting business.

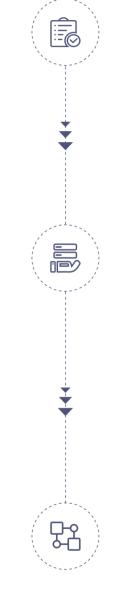


Beijing Jingyi Automation Equipment Co., Ltd. officially debuted on the STAR Market of the Shanghai Stock Exchange

Beijing Enterprises Group is committed to implementing its strategy of building a powerhouse in science and technology. The Group has strengthened its foundation of technological innovation, continuously improving the systems and mechanisms that support it, and establishing a collaborative platform to drive innovation, thereby facilitating the transformation of scientific and technological achievements. It has also prioritized the protection of intellectual property, driving innovation and supporting the technological innovation and transformation of its enterprises.

# Technological Innovation Mechanisms

The Group has actively advanced its innovation-driven development strategy by establishing an open and collaborative technological innovation system that is enterprise-centered, market-oriented, and distinctive to the Group. It has also developed the Plan for Establishing the Science and Technology Association of Beijing Enterprises Group and initiated the establishment of the Association to support the development of technology innovation organizations. Furthermore, the Group has steadily enhanced its investment in technological research by strengthening incentives for innovation and increasing corporate research and development efforts, with an investment of RMB 2.952 billion in 2023.



### **Building Innovation Platforms**

The Group has been accelerating platform development and resource aggregation to foster technological innovation by establishing high-level innovation platforms such as key laboratories, engineering technology research centers, and enterprise technology centers. It has also actively explored industry-academia-research collaboration models, participating extensively in various innovation alliances and industry associations and consistently partnering with universities and research institutes to align needs with projects, thereby enhancing its technological innovation capabilities.



No.

BEGSE has been certified as a "High-Tech Enterprise" by the state

BIIC's Beijing Jingye Beidi Automatization Equipment Co., Ltd. and Beijing Jingyi Jingye Electric Technology Co., Ltd. have been recognized as "Specialized and Innovative" small and medium-sized enterprises in Beijing.

### Achievements in Technological Innovation

BG has remained committed to independent innovation, establishing itself as a source of original technology. It has applied to key technological innovation projects, accelerating the resolution of critical core challenges and transforming technological achievements to address industry bottlenecks, thereby empowering the Group's sustainable, high-quality development. In 2023, the Group was granted 146 new patents and participated in the formulation of 23 standards.

In 2023

the Group was granted 146 new patents

participated in the formulation of **23** standards



The "SP-5220 Gas Chromatograph," independently developed by BIIC's Beifen-Ruili, features a small cold atomic fluorescence detector directly mounted on the laboratory gas chromatograph, marking an international first.

### Intellectual Property Management

Beijing Enterprises Group has continuously advanced the protection and utilization of intellectual property to foster the development of high-quality productivity. In 2023, the Group revised and formulated the Management Measures for the Use of Group Enterprise Names by Subsidiary Market Entities of Beijing Enterprises Group and the Self-Inspection and Rectification Report on the Misuse of Beijing Enterprises *Group*. These efforts have standardized the management of the Group's name, enhancing the normative use of names and protecting legal rights.



Empowering the Future with Digital Intelligence

Rooted in serving the capital's development, Beijing Enterprises Group has prioritized urban services as its core focus, consistently leveraging digital technology to empower industries, cities, and communities. The Group has established a "1+4+N" digital framework, launching a series of demonstration projects within its traditional business sectors, developing a range of digital products, and nurturing a number of benchmark enterprises. This comprehensive digital transformation across all enterprise levels has facilitated the Group's high-quality development.

## Establishing Beijing's first SOE Cloud for large-scale operations

Beijing Enterprises Group has developed Beijing's first full-stack, large-scale "SOE Cloud," officially launched in October 2023. This cloud platform provides secure, reliable, and efficient digital solutions and services in cloud computing, networking, data management, and applications, specifically tailored for the Group and municipal state-owned enterprises. It empowers these enterprises in their digital transformation and intelligent development, driving the Group's high-quality growth and supporting Beijing's goal to become a global benchmark for the digital economy.

## Substantial completion of the Group's digital control platform

Beijing Enterprises Group has substantially completed the "1+2+N+1" architecture of its digital control platform, which now includes over 20 control applications across five key areas: investment and asset management, operational oversight, risk management, Party building, and comprehensive administration. This digital platform effectively enhances control levels and efficiency, providing real-time insights into enterprise operations and improving the precision, timeliness, and effectiveness of group-wide management. It also innovates the Group's control model, ensuring datadriven decision-making, structured processes, evidence-based management, and proactive risk alerts.



The Far East Science and Technology Cultural Park, managed by Jingyi Ruiyuan of BIIC, was awarded the title of "2023 Beijing Copyright Protection Demonstration Park (Base)."

# Driving comprehensive industrial digital transformation and upgrading

In sectors such as gas, water services, municipal planning and design, heating, and air quality management, Beijing Enterprises Group has leveraged its extensive industry experience and capabilities to deeply explore digital application scenarios, actively engaging in innovative digital practices, developing a range of solutions such as smart gas, smart water services, and smart heating. These advancements have significantly enhanced the intelligence and precision of enterprise operations, helping to reduce costs, increase efficiency, and ultimately achieve high-quality enterprise development.

### Accelerating digital industrialization development

Subsidiary units under Beijing Enterprises Group have successfully transformed their digital achievements into tangible products, resulting in nearly 40 replicable and exportable digital products and solutions across six major categories, including energy, environmental protection, urban technology, and digital infrastructure. By leveraging these asset-light digital products, they can export industry expertise and digital capabilities, empowering the industry while creating new economic growth opportunities for the enterprises, driving the Group's transition toward becoming a provider of comprehensive digital solutions and services.

Smart heat-supply solution based on digital twin technology

### 👰 Case Study

Aiming to achieve smart heat supply, BBEG has independently developed Nuanshu, a smart heat-supply management platform for heating production and operation, enabling the intelligent transformation of 7.2 million square meters of existing residential buildings. It collects, transmits, and analyzes multisource heterogeneous data in real-time, managing the entire process from the heat source to the network, pipelines, stations, and households. The platform also allows for personalized project control and cloudedge collaboration, dynamically balancing the secondary heat network, thereby effectively enhancing management efficiency, reducing energy consumption, and lowering heating operation costs.



Smart heat-supply cloud platform

### 👮 Case Study

# High-precision gas leak detection solution based on BeiDou Navigation Satellite System

A gas safety inspection and risk monitoring system based on the BeiDou Navigation Satellite System has been developed to address the challenges of low efficiency, limited coverage, low detection accuracy, and poor leak point localization in traditional gas leak detection. Utilizing proprietary leak detection algorithms, this system integrates gas concentration data with wind direction, wind speed, and spatiotemporal location information provided by BeiDou's precise services, which allows for real-time geographic mapping of gas concentrations and enables precise assessment of natural gas leak conditions and significantly enhancing safety management in gas leak detection.

### ∵∰ Case Study

### Urban safety source data service based on BeiDou Navigation Satellite System's space-time technology

The Urban Safety Source Data Service is an innovative application developed by BGSC, marking the first domestic initiative to circulate urban safety data elements using BeiDou's space-time technology. By integrating BeiDou data elements with urban safety management, this service can be applied across multiple urban safety management sectors, establishing a robust data foundation for the early detection, warning, and response to urban safety risks. This service also supports urban governance upgrades and refined management while reducing disaster handling costs and minimizing economic losses caused by various risks, ultimately ensuring safer, more efficient, and orderly urban operations.

This project was first implemented in Beijing, where over 200 urban safety source data stations were established, creating a "smart tree" for urban safety and forming a high-density BeiDou star chain ground station network that serves as the spatiotemporal foundation for the Urban Safety Source Data Service platform, providing essential data support for urban services.

The project was also recognized with the 2023 Outstanding Solution Award for Digital Application Scenarios at the Zhongguancun Digital Economic Alliance Member Representative Conference and Digital Economy High-Quality Development Forum.



Urban Safety Source Data Station "Smart Tree"

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### Realizing the potential of data elements

Beijing Enterprises Group has leveraged its extensive data resources across urban infrastructure and city development services to fully realize the potential of data elements. It accelerates data sharing, amplifying the "multiplier effect" that data has on digital transformation. Key enterprises, such as Beijing Gas, BG Digital Technology, BEWG, and Jingyi Atmosphere, have led the way in establishing foundational data systems, actively participating in Beijing's data element pilot projects. These companies have been at the forefront of exploring data classification, grading, rights confirmation, and authorized usage. They have also conducted data asset registration, developed various data products and services, opened data application scenarios, and unlocked data element value.



Beijing Gas's "Innovation and Practice in Risk Prevention and Control of Gas Networks in Mega Cities" and "Integrated Scenario for Risk Monitoring, Early Warning, and Smart Emergency Response of Underground Networks," have won first and third prizes, respectively, at the inaugural National State-Owned Enterprise Digital Scenario Innovation Competition, organized by the State-Owned Assets Supervision and Administration Commission (SASAC) of the State Council.



BG Digital Technology's "Digital Collaborative Innovation Cloud Platform for State-Owned Enterprises" has been selected as one of the "Top Ten Digital Application Scenarios Solutions of 2023" nationwide.

BG Digital Technology's "Enterprise Compliance Control Brain" has been recognized as a "Representative Practice of Industry Application of General Artificial Intelligence Models in Beijing."

# Cultivating Technological Innovation Development

Beijing Enterprises Group has implemented the 14th Five-Year Plan for talent development by executing the Talent Flow Project, establishing a robust talent pool, and strengthening the scientific and technological workforce, aiming to increase the proportion of researchers within the overall employee base, harnessing and integrating their expertise to propel the Group toward becoming a world-class enterprise.



1.288 individuals

### **Diversified talent** cultivation

The Group has actively advanced the development of a robust cadre talent pipeline by enriching and diversifying training methods. Personnel from the talent pool have been selected for exchange and learning opportunities, as well as participation in key projects, effectively implementing a comprehensive approach to cadre development. It has also conducted concentrated training sessions under the New Knowledge Lecture Hall, a themed activity series, establishing a preliminary "one body, two wings" cadre training system, and formed innovation teams that have yielded high-quality research outcomes. thereby contributing valuable insights and strategies for the transformation and growth of the Group's five major sectors.

### Implementing talent-driven strategy to build a strong enterprise

The Group has focused on key aspects of developing a strong cadre of talented personnel, emphasizing comprehensive management across the "selection, cultivation, management, and utilization" processes, fostering an environment where talent thrives and competition flourishes by guiding the effective selection and employment of individuals. The Group has also conducted a comprehensive talent inventory and developed a directory to address critical talent shortages to revitalize existing talent, recruited 1,288 individuals with diverse expertise to enhance talent acquisition and implemented the Party committee's expert liaison system to support expert talent, with leadership members engaging with experts on over 20 occasions, fostering a highcaliber talent ecosystem. Furthermore, recognizing the importance of skilled talent, the Group has conducted evaluations for skill master studios and broadened the scope for independent vocational skill level recognition. Notably, two individuals were awarded the State Council's special government allowance for high-skilled talent in Beijing. In addition, the Group has strengthened talent incentives by cautiously advancing profitsharing incentives in tech enterprises, consistently exploring the "BG Path" for talentdriven, high-quality development.

## Diverse industry-education integration

We have deepened industry-education integration to strengthen the alignment of the education and talent pipeline with the industrial and innovation chain. By establishing doctoral social practice bases and fostering strategic partnerships between schools and enterprises, we have forged strong partnerships with universities such as Tsinghua University, Beijing University of Technology, and Beijing University of Civil Engineering and Architecture. We have also conducted extensive and innovative collaborations in technology research, promotion, and application by combining the education and technological strengths of these institutions with our industrial resources. Additionally, we have pushed forward reforms in talent training at colleges and universities to establish a talent reserve for future industrial development, creating a harmonious and dynamic system of industry-education integration.



Mandatory social practice program for doctoral students at Tsinghua University

# Steady Development 🗟

# Laying a Solid Foundation for Practical Success Through Workplace Safety

Beijing Enterprises Group has firmly upheld the philosophy of safe development, focusing on serving the capital's overarching priorities. It has continually improved its safety management system, strengthened information security, and identified and resolved safety hazards. By enhancing its emergency response capabilities, BG has diligently managed safety operations, working resolutely to prevent and control all types of safety incidents, thereby ensuring that the new safety framework aligns with and supports the Group's new development strategy.

## KPIs

- Invested RMB 2.54 billion in safety
- Held 13 special workplace safety meetings, with the leadership team conducting 32 supervisory inspections, identifying and rectifying 65 issues
- Revised 153 emergency management systems and plans across various units of the Group
- Conducted 1,241 emergency drills, involving over 12,000 participants
- 86 Strengthening workplace safety management
- [88] Preventing safety risks and hazards



[89]

Fostering a safety culture

Enhancing emergency response



### BG's Solutions for Urban Sustainable Development

Development and safety are the two wings of a bird or the two wheels of a cart, requiring coordinated and simultaneous advancement. Beijing Enterprises Group has firmly upheld the principle of prioritizing people and their lives, diligently implementing all workplace safety directives. It has also fully assumed its primary responsibility for safety management, rigorously identifying and rectifying safety hazards while maintaining high standards in safety practices. By strengthening the foundation of safety in its production and operations, BG has ensured a secure and stable environment for development, strictly adhered to safety boundaries, and prevented all types of accidents, thereby safeguarding the capital's safety and stability.

# Governance

capabilities

- Enhancing safety management regulations
- Improving risk prevention, hazard identification, and rectification mechanisms
- Establishing a clear and efficient emergency response mechanism



## Actions in 2023

- Signed the 2024 Annual Responsibility Agreement for Workplace Safety, Environmental Protection, and Security
- Conducted a comprehensive year-long special rectification of workplace safety to strengthen safety foundations
- Continuously improved the dual prevention mechanism for risk grading control, hazard identification, and rectification in workplace safety
- Launched special initiatives to enhance safety management, effectively preventing and mitigating key safety risks in key areas
- Compiled the *Compilation of Workplace Safety Incident Cases for Subsidiaries of Beijing Enterprises Group*

The long-distance heat-supply project from Huaneng Yimin Power Station to the central urban area of Hulunbuir, undertaken by BBEG

# Plans for 2024

- Advance the development of workplace safety standardization and other safety management systems
- Focus on addressing fundamental workplace safety challenges through special action plans
- Enhance the safety supervision and control network by introducing intelligent safety monitoring and early warning systems
- Continue special actions for gas safety rectification
- Conduct workplace safety audits in key areas
- Strengthen safety education and training for employees, continuously elevating their safety awareness, process discipline, rule adherence, and professional skills

# Strengthening Workplace Safety Management

BG is committed to advancing workplace safety through strategic coordination, improving safety control mechanisms, and implementing targeted enhancement initiatives to ensure that the new safety framework supports the Group's new development strategy. In 2023, the Group's total safety investment reached RMB 2.54 billion, with over RMB 95.3 million allocated to employee labor protection, marking a 36% year-on-year increase. As a result, the overall safety situation of the Group has remained stable and positive throughout the year.

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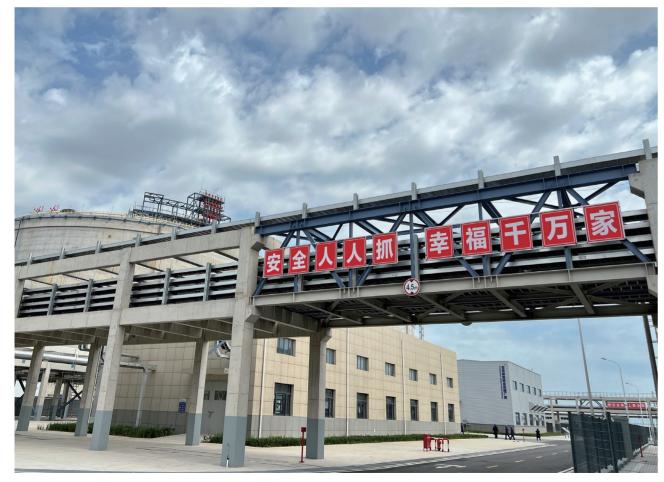
In 2023, the Group

safety investment

RMB 2.54 billion

## Strategy coordination and promotion

The Group's senior leadership has personally overseen and directed workplace safety initiatives, organizing deployment meetings, special sessions, and scheduling discussions to manage safety-related tasks. They have also conducted indepth inspections and provided on-site guidance to identify and rectify issues promptly. Furthermore, the Group's Party Committee has incorporated key workplace safety tasks into the 2023 comprehensive plan for strict Party governance, ensuring the coordinated promotion of safety initiatives. In 2023, the Group held 13 workplace safetyfocused meetings and conducted 32 supervisory inspections, identifying and rectifying 65 issues.



Beijing Gas Tianjin Nangang LNG Emergency Reserve Project placed great emphasis on safety management



BBEG's heat-supply staff maintained and repaired the equipment



### In 2023, the Group

conducted eight rounds of special inspections

across 13 units

### Innovative management mechanisms

The Group has innovated its workplace safety supervision and management mechanisms by introducing practical and effective measures. Its Safety and Environmental Supervision Department, in collaboration with the Discipline Inspection and Supervision Department, has formed a joint inspection team to conduct special inspections, continuously enhancing the quality and efficiency of workplace safety control. Furthermore, the Group has signed the 2024 Annual Responsibility Agreement for Workplace Safety, Environmental Protection, and Security with each of its direct units, reinforcing the primary responsibility for workplace safety. Additionally, 100 key employees within the system have been appointed as part-time workplace safety inspectors, establishing a multi-level prevention and control network. In 2023, the Group conducted eight rounds of special inspections across 13 units, identifying 63 issues and providing feedback for the rectification of 55 issues, all of which have been addressed.

### Conducting specialized enhancements

BG has initiated specialized safety management enhancement initiatives tailored to the Company's specific conditions, focusing on key sites, critical areas, and essential processes to strengthen safety management and effectively prevent and mitigate risks in key sectors. In 2023, the Group carried out five special safety management enhancement initiatives, involving Beijing Gas, BIIC, BG Environment, Liquefied Gas Company, and GuoJia Alpine Skiing Co., Ltd. Notably, BIIC successfully completed the update and upgrade of fire systems across nearly 80,000 square meters, covering enterprises such as Jingyi Industry and Trade, Jinye Park, and Beifen Technology Park.

# Preventing Safety Risks and Hazards



In 2023, all 155 legal entities of the Group based in Beijing

successfully registered with "Qi An An,"**100**%

reporting a total of **72.000** self-inspection records

rectifying over **3**.500 hazards

#### The Group's various enterprises have continuously improved risk prevention, hazard identification, and rectification mechanisms, shifting the safety control model toward proactive prevention to decisively curb all types of accidents by thoroughly implementing comprehensive workplace safety and fire hazard inspections, as well as special gas safety rectification actions. BG has also rigorously enforced ten solid measures for workplace safety, meticulously controlling safety risks and rectifying major hazards to ensure all measures are executed effectively. In 2023, all 155 legal entities of the Group based in Beijing have successfully registered with "Qi An An," reporting a total of 72,000 self-inspection records and rectifying over 3,500 hazards.

BERE

Beijing Gas has effectively integrated government and social resources to complete the renovation of 380.5 kilometers of old pipelines, replace 1.683 million indoor safety fittings, and install 1.759 million smart gas meters, achieving significant results.

**Beijing Gas** 

Under the Group's supervision. BERE has rectified two major safety hazards: rockfall risks and aging electrical lines in the Longqing Gorge Scenic Area. A special action has also been launched to enhance the management of ammonia refrigeration systems, with relevant management systems and operational procedures improved.



Beijing Gas employee conducted in-home safety inspections

# Enhancing Emergency Response Capabilities

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In 2023, the Group and its subsidiary

units collectively revised 153 emergency

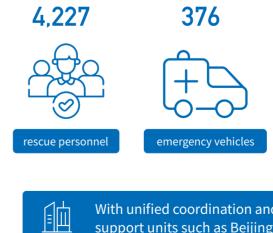
management systems and response plans

## Development of emergency mechanism

The Group has revised and issued the Comprehensive Emergency Response Plan of Beijing Enterprises Group, encouraging all units to update their emergency management systems and response plans. A leadership mechanism for emergency management in the event of sudden incidents is also established, with prompt adjustments to the Group's Safety Committee members in response to changes in leadership. Furthermore, BG has further refined its disaster prevention and emergency response system,

### 💮 Case Study

During the "23.7" extreme rainstorm and flood disaster, the Group activated its first-ever Level 1 emergency response for sudden incidents. Its key leaders continuously held scheduling meetings to direct flood control and emergency rescue efforts, placing the entire system into emergency mode. A total of 77 emergency rescue teams were formed, consisting of 4,227 rescue personnel, 376 emergency vehicles, 243 water pumps, and 32 generators, all on standby 24 hours a day. With unified coordination and command from BG, city operation support units such as Beijing Gas, Liquefied Gas Company, and BEWG successfully carried out rescue and relief operations. No casualties were reported, and damaged equipment and facilities were swiftly restored, helping to maintain Beijing's stability.

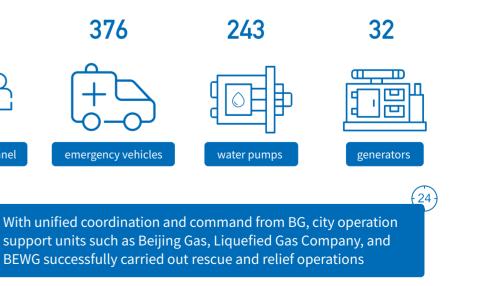


BEWG successfully carried out rescue and relief operations

Beijing Enterprises Group has established a well-defined and efficient emergency response mechanism, actively organizing and participating in various emergency drills, continuously enhancing the emergency response capabilities across all levels, and comprehensively strengthening the foundation of its emergency management.

> enhancing disaster monitoring and early warning capabilities while activating a rapid response mechanism to manage emergencies effectively. The Group and its subsidiary units ensure that key leaders are on duty 24/7 to improve the efficiency and effectiveness of emergency responses. In 2023, the Group and its subsidiary units collectively revised 153 emergency management systems and response plans to better align with actual conditions.

### Initiating Level 1 emergency response to safeguard Beijing's stability-





In 2023, the Group

conducted 1\_241 emergency drills

involving over 12,000 participants

### **Development of emergency rescue teams**

The Group has made continuous strides in enhancing its emergency response capabilities, establishing two city-level professional rescue teams. The Beijing Gas Emergency Response Team, one of these teams, is composed of over 320 specialized personnel and 174 vehicles, equipped with advanced tools including hole-sealing devices, confined space rescue equipment, wireless communication systems, and pipeline welding equipment. In 2023, this team responded to 11 unexpected pipeline incidents and 587 planned maintenance tasks. The Liquefied Petroleum Gas Emergency Support Team, consisting of 20 members, is Beijing's only specialized LPG rescue team, equipped with 7 emergency rescue vehicles and a range of specialized tools. In 2023, this team participated in 9 emergency rescue operations.

### Conducting emergency drills

The Group has actively organized and participated in various emergency drills to enhance employees' ability to respond to sudden incidents and provide first aid, thereby significantly improving overall emergency support capabilities. The Liquefied Gas Company has participated in the third Beijing Emergency Management Bureau's emergency drill competition, where it organized a comprehensive pipeline leakage drill and achieved outstanding results. Xu Bo, an employee of Lvyuanda, has competed in the national safety emergency capability competition for dangerous goods road transport personnel, securing third place in the individual category for safety management and emergency handling of hazardous goods transport enterprises. In 2023, the Group conducted 1,241 emergency drills, involving over 12,000 participants.

# **Fostering** a Safety Culture

Beijing Enterprises Group has intensified its safety education and training efforts, actively promoting safety knowledge and culture. It has also enhanced employees' safety awareness, fostering a company-wide commitment to the principle that "everyone speaks safety, and everything ensures safety," effectively cultivating a safety culture across the organization.

Under the theme of "Protecting Gas Safety with Beijing Gas by Your Side," Beijing Gas is dedicated to establishing a regular external safety publicity mechanism. It has conducted over 5,300 safety promotion activities at five types of location (enterprises, the countryside, communities, schools, and households), reaching approximately 3,800 communities of various types and engaging more than 400,000 people, thereby effectively disseminating gas safety knowledge.



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In 2023, the Group

conducted 1.848 workplace safety training sessions

totaling 474, 555, 5

hours

reaching **411**, **522** individuals

The Group is dedicated to studying and implementing the important discourses and directives of General Secretary Xi Jinping on workplace safety. It has rigorously adhered to the *Regulations on the Primary Responsibility for Workplace Safety* of Production and Business Entities in Beijing, the Regulations on the Primary *Responsibility for Fire Safety of Entities in Beijing*, the "Fifteen Solid Measures for Workplace Safety," and Beijing's "Ten Solid Measures for Workplace Safety," along with other relevant safety regulations. These initiatives have been integrated into the core group's study agenda, with specialized safety learning sessions conducted to enhance safety knowledge and skills training, effectively boosting employees' safety awareness and capabilities. In 2023, the Group conducted 1,848 workplace safety training sessions, totaling 474,555.5 hours and reaching 411,522 individuals.

### Promoting safety knowledge

BG has enhanced its safety culture promotion mechanism by compiling the Compilation of Workplace Safety Incident Cases for Subsidiaries of Beijing Enterprises Group. It has also established a dedicated safety and environmental protection section on WeCom, strengthening the communication of safety information, promoting relevant policies and regulations, and providing educational case studies for hazard awareness. In conjunction with Safety Month, the Company has organized various safety education activities at all levels to cultivate a robust safety culture. During Safety Month in 2023, the Group's enterprises conducted over 210 "Top Leaders Taking the Lead to Convey Safety Knowledge" promotion activities, engaging nearly 14,000 employees. Additionally, the safety and environmental protection column published 86 issues throughout the year, releasing a total of 530 pieces of information.



Beijing Gas's Beiran Wure organized "Gas Safety Lecture Hall" series activities in minority languages

### Strengthening safety training

# Meticulous Supervision 🕑

# Promoting High-Quality Development Through Enhanced Supervision Efficiency

Beijing Enterprises Group has deepened its efforts in implementing comprehensive and strict Party governance, rigorously strengthening anti-corruption management, enhancing internal control measures, and fortifying compliance protocols, thereby effectively mitigating operational risks and establishing a coordinated "six-in-one" supervision framework and laying a solid foundation for the Group's safe, stable, and sustainable development.

### KPIs

- Conducted 8 rounds of specialized disciplinary inspection and supervision, covering 13 units
- Implemented 498 internal audit projects across various audit institutions
- Completed self-evaluation of internal controls by all subsidiaries as required
- (94) Upholding integrity
- (96) Strengthening internal control, compliance, and risk management
- 99 Coordinating "six-in-one" supervision



### BG's Solutions for Urban Sustainable Development

BG is committed to implementing comprehensive and strict Party governance, adhering to the highest standards, and has been promoting the principles of "dare not, cannot, and do not want to corrupt" with the goal of strengthening corporate governance efficiency through a sound political environment. It has enhanced the collaborative operation mechanism across legal, compliance, risk, and internal control functions to elevate internal management, establishing a coordinated "six-inone" supervision framework, paving the way for high-level enterprise prosperity and growth.





### Governance

- Formulating and implementing the *Guidelines* on Strengthening the Development of Clean Culture in the New Era, establishing and improving anti-corruption work mechanisms
- Developing and issuing the Internal Control Evaluation Management Measures of Beijing Enterprises Group Company Limited along with corresponding supporting documents to strengthen internal supervision and evaluation

### Actions in 2023

- Compiled the Annual Report on Internal Control System Activities of Beijing Enterprises Group, completing the annual internal control evaluations and associated tasks
- Issued a major risk identification list to directly affiliated enterprises, comprehensively implementing risk management practices
- Actively developed a "major supervision" work framework, adhering to a coordinated "six-in-one" supervision framework

# Plans for 2024

- Strengthen the practice of "dual investigations for one case," consistently reinforcing the message that discipline enforcement is becoming increasingly stringent
- Enhance early warning mechanisms for large-scale fund and debt risks, aiming to "strengthen internal control, promote compliance, and prevent risks"
- Consolidate the outcomes of the comprehensive review of inspections, audits, and rectifications, ensuring the effectiveness of the outcomes of audits

# Upholding Integrity

Beijing Enterprises Group is committed to deepening its efforts in implementing comprehensive and strict Party governance with the highest standards, rigorously managing routine anticorruption initiatives and fostering a clean culture in the new era. By maintaining a sound political environment, the Group has enhanced corporate governance efficiency, intensifying anti-corruption efforts, and upheld strict discipline, thereby establishing a robust foundation of integrity for the Company's continued development.

### Strengthening routine anti-corruption supervision

BG has established and refined its anti-corruption mechanisms by implementing measures such as enforcing the primary responsibility for anti-corruption efforts, strengthening inspections and audits, conducting on-site supervision, enhancing supervisory effectiveness, and strictly enforcing discipline and accountability, all designed to reinforce routine anti-corruption supervision and steadfastly advance anti-corruption efforts.

#### **Primary responsibility**

The Group has formulated the 2023 List for Comprehensive Strict Governance of the *Party's Tasks*, improved the Party Committee's leadership responsibility system for anticorruption efforts, and strengthened the implementation of responsibilities across functional departments. This approach fortifies the chain of responsibility for comprehensive and strict Party governance, ensuring the primary responsibility is effectively extended both horizontally and vertically.

#### **Audit functions**

The Group has enhanced the audit work methods of the Party Committee by revising procedures, initiating the development of an inspection and audit management system, and improving the coordinated audit framework. It has also conducted a comprehensive review of inspections, audits, and rectification efforts, ensuring the rectification of issues identified during the municipal Party Committee's inspections.

#### **On-site supervision**

The Group has conducted inspection assessments of the Party organizations within 11 of its directly affiliated enterprises through various methods, including self-assessment, on-site inspections, dynamic spot checks, specialized inspections, and supervision led by the Group's leadership.

#### **Supervisory effectiveness**

The Group has prioritized supervision of the "critical few," strengthening supervision over top leaders and leadership teams. Key and special supervision efforts target areas such as enterprise reform, project construction, and overseas investments. The Group has also strengthened the internal supervisory management system within its discipline inspection organizations, demonstrating loyalty, integrity, and responsibility through tangible actions. Furthermore, it has deepened the coordinated "six-in-one" supervision framework, creating a synergistic and effective supervisory force.

#### Strict discipline and accountability

The Group has continuously intensified its efforts in case investigations, rigorously employing the "four forms" to address issues such as non-compliant business investments and misconduct including "relying on one enterprise to sustain another."

### Fostering a culture of clean and transparency

BG has formulated and implemented the Guidelines on Strengthening the Development of Clean Culture in the New Era, consistently refining its integrity culture framework. The Group has enforced the "six mandatory conversations" on integrity, guiding Party members and cadres to respect, understand, and adhere to established ethical boundaries, thereby fostering a culture that values integrity and rejects corruption. It has also conducted extensive education, warnings, corrections, and training for the cadre team, using representative local cases as examples to build a team that is loyal, clean, and responsible, all while advancing a clean culture with zero tolerance for corruption.



## Consistently strengthening the development of a clean culture

BG has formulated and implemented the Implementation Rules for the Central Committee's Eight-Point Regulation and the Interim Measures for Analysis and Assessment of Political Ecology, continuously refining its long-term mechanism for the development of a clean culture. The Group has also effectively utilized the "swift response to public complaints" mechanism to broaden channels for public oversight. Furthermore, with unwavering determination, it has intensified the rectification of the "four malfeasances," focusing on combating formalism and bureaucratism, and eliminating the mindset and behaviors associated with privilege. This involves rigorously monitoring key time periods to conduct the "three musts" and "four winds" supervision and inspection, and understanding the industry-specific and phased nature of the development of a clean culture, thereby addressing common and recurring issues at their root. Additionally, BG has placed discipline at the forefront, promoting the integrated focus on the Party's principles, code of conduct, and discipline, thereby continuously fostering a clean and lawabiding environment conducive to entrepreneurship and innovation.

BG held the 2023 Work Conference on Improving Party Conduct and Upholding Integrity

# Strengthening Internal Control, Compliance, and Risk Management



In 2023, the Group

established **26** new systems

revised **17** systems

abolished **22** systems

resulting in a streamlined collection of 42 systems

Beijing Enterprises Group has maintained a commitment to integrity and compliance in its operations, consistently improving its internal control system, advancing compliance management, and effectively preventing and resolving major risks to ensure the Group's steady and sustainable high-quality development.

## Improving internal control system

BG has strengthened the development of its internal control framework and system, consistently overseeing and evaluating internal controls to enhance and optimize the Group's internal control system. In 2023, all subsidiaries within the Group completed the required internal control self-evaluations, with over one-third of enterprises conducting supervision and evaluation of their internal controls.

### **Control system development**

The Group has continuously refined its modern corporate governance with Chinese characteristics, aiming to operate according to true market mechanisms. This involves establishing a control system that is based on SASAC authorization, interconnected by corporate governance, guided by development strategy, driven by comprehensive budgeting, evaluated through performance assessment, focused on compliance risk, and ensured by robust supervision.

### Internal control system development

In 2023, the Group established 26 new systems, revised 17 systems, and abolished 22 systems, resulting in a streamlined collection of 42 systems.

### Supervision and evaluation of internal control

The Group has formulated and issued the Internal Control Evaluation Management Measures of Beijing Enterprises Group and corresponding supporting documents, standardizing the management responsibilities, evaluation content, procedures, and methods for the Group's internal control evaluation. It has also organized annual internal control evaluations and related activities, culminating in the Annual Report on Internal Control System Activities of Beijing Enterprises Group, thereby enhancing the internal control system's effectiveness in risk prevention and control.

## Advancing compliance management

We have focused on implementing a system incorporating the General Counsel (or the Chief Compliance Officer) as a central element, developing the *Pilot* Work Plan for Compliance Management of Beijing Enterprises Group to further strengthen legal compliance and risk prevention mechanisms. By assessing legal frameworks and reviewing the performance of the General Counsel, we have also ensured the comprehensive implementation of key measures, including the primary responsibility of enterprise leaders, the establishment of a legal compliance review mechanism, the formation of legal compliance institutions

with appropriate staffing, the management of major cases, and the oversight of compliance management. Furthermore, the Group has integrated the General Counsel system into the charters of its subsidiary enterprises, which has strengthened the performance accountability of General Counsels and enhanced the enterprises' risk management capabilities. In addition, it has intensified efforts to resolve cases, with a particular focus on major ones, reinforcing the management responsibility for significant cases and strictly implementing the major case leadership accountability system. This approach involves closely



monitoring the progress of major cases handled by subsidiary enterprises and promptly coordinating guidance to ensure proactive management. Leveraging digital control, BG has also explored the development of a "major compliance, major risk control, major supervision" system to enhance legal risk prevention capabilities. Other efforts to cultivate a culture of legal compliance in subsidiary enterprises include activities such as Constitution Promotion Week, legal compliance training courses, and compliance work exchange meetings.

Yanjing Beer Technology's building and biotechnology park

### Strengthening risk management

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The Group has compiled the Guidelines on Further Strengthening Risk Management at Beijing Enterprises Group and the Annual Risk Management Report of Beijing Enterprises Group (2022–2023), issuing a major risk identification list to its directly affiliated enterprises and conducting comprehensive risk management to effectively prevent debt risks and significant operational risks.

#### Focus on interest-bearing debt management to mitigate debt risks

Multiple strategies have been implemented to strengthen overall debt risk management, optimize the debt structure, and coordinate financial resources. aiming to continually reduce the Group's exposure to foreign debt risks, ultimately mitigating foreign debt risks. By utilizing comprehensive budgeting and performance assessments as management tools, BG has established a regular dynamic analysis and monitoring mechanism for debt, which has strengthened the management of both interest-bearing debt and the asset-liability ratio, ensuring strict control over the asset-liability ratio. The Group has also strengthened comprehensive collaboration with financial institutions, diversified its financing options, implemented a robust debt risk reporting system, and assigned primary responsibility for debt risk prevention. Additionally, risk prevention plans have been developed, and key enterprises, such as BEGCL, have been urged to arrange timely repayments for due debts, thereby effectively preventing debt default risks.

#### Enhance financial resource coordination to mitigate debt risks

The Group has effectively coordinated financial resources and funds to optimize the use of its financial company's fund management platform, thereby improving overall efficiency in fund utilization. Additionally, the Group has ensured the long-term foreign debt financing needs of its subsidiary enterprises are met, adhered to the new foreign debt management regulations set by the National Development and Reform Commission, standardized foreign debt borrowing practices across subsidiary enterprises, and enhanced the efficiency of foreign debt fund utilization. By utilizing comprehensive budgeting and performance assessments as management tools, the Group has further strengthened its management of interest-bearing debt and the asset-liability ratio, strictly controlling the asset-liability ratio. Additionally, a regular dynamic analysis and monitoring warning mechanism for debt has been established to prevent debt default risks.

### Focus on overseas enterprise management to prevent major operational risks

The Group has conducted a comprehensive self-inspection and specialized examination of all overseas wholly-owned and holding subsidiaries, identifying 22 management risks across 7 major categories. Key issues and significant risks affecting the development of these overseas enterprises have been outlined, accompanied by an in-depth analysis of underlying management shortcomings, aiming to address these issues at both the systemic and operational levels, thereby promoting immediate corrective actions and improvements, and ultimately enhancing overseas enterprises' management capabilities to prevent significant operational risks.

# Coordinating "Six-in-One" **Supervision**

### **O** Disciplinary inspection and supervision

BG has innovated its disciplinary inspection and supervision mechanisms. with a focus on key personnel and critical areas and employing various methods, including enterprise linkage, coordination among disciplinary committees at three-tier enterprises, and horizontal collaboration with functional departments to strengthen supervision. This integrated approach ensures effective oversight and assistance in resolving issues. In 2023, BG conducted eight rounds of specialized inspections across 13 units, uncovering 63 issues and providing feedback on 55 rectification issues, all of which have been fully addressed.

#### Inspection and audit supervision

BG has refined its audit methods for the Party Committee, launching a comprehensive review process to continuously address issues identified in inspections and audits. By coordinating audits, the Group has gradually established a unified, systematic, and efficient audit framework that emphasizes integration across its operations. In 2023, the Group rectified 226 issues based on feedback from higher-level inspections and audits, addressed 425 issues from five rounds of internal inspections, and rectified 558 self-identified issues by its directly affiliated enterprises.

Beijing Enterprises Group has actively constructed a comprehensive supervision framework by adhering to the coordinated "six-in-one" supervision model, integrating disciplinary inspection and supervision, inspection and audit supervision, Board of Supervisors' supervision, audit supervision, employee democratic supervision, and public supervision into a cohesive system. This strengthens the shared utilization of supervisory outcomes, ensuring aligned efforts and consistent responses, while continuously improving the governance system for state-owned assets and enterprises, thereby providing robust support for the Group's high-quality development.

### **O Board of Supervisors'** supervision

BG has fully leveraged the supervisory role of the dispatched Board of Supervisors, operating within the "six-inone" framework to fulfill its investor oversight responsibilities. This has ensured the timely identification of deep-rooted issues and effectively prevented actions that could ieopardize the safety of state-owned assets, cause financial losses, or infringe upon the rights of state-owned share-holders. Training, management, and performance evaluations for appointed supervisors have also been conducted to standardize their duties and responsibilities.

### Audit supervision

Internal Auditing."



The Group has thoroughly implemented audit system reforms, focusing on key areas, major projects, and significant risks to enhance the scope, depth, and effectiveness of audit supervision. In 2023, its audit institutions across all levels organized and implemented 498 audit projects. It has also closely collaborated with the municipal audit bureau on special audits of overseas enterprises and assets, and continued to push for special audits of lossmaking enterprises, promoting the regularization and comprehensive coverage of audit supervision. Notably, the Group was recognized with the title of "National Advanced Collective in

### • Employee democratic supervision

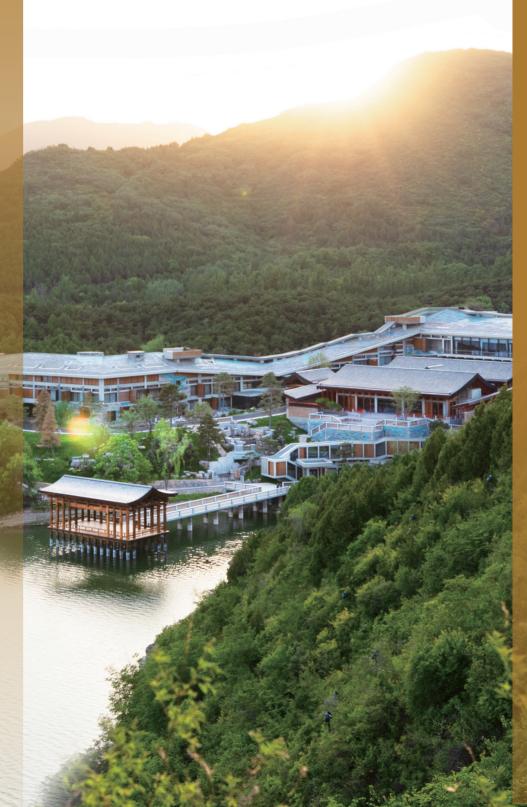
BG has formulated the Implementation Measures for the Workers' Congress of Beijing Enterprises Group and the Interim Measures for the Management of Employee Directors at Directly Affiliated Enterprises of Beijing Enterprises Group, both of which actively promote democratic values, enhance employees' awareness of their democratic rights, facilitate open communication with employees, and fully engage them in the management process, thereby effectively leveraging the role of employee democratic supervision.

#### • Public supervision

BG has established a corporate information disclosure mechanism to further enhance transparency in its operations, willingly accepting public supervision to promote standardized practices and create a transparent state-owned enterprise. Each of its directly affiliated enterprises has strengthened organizational leadership and established management systems, using channels such as WeCom and mobile newsletters to publish complaint hotlines and email addresses, thereby facilitating public supervision.



The year 2024 marks the 75th anniversary of the founding of the PRC and a the 20th CPC National Congress and integrate into the new development deepen our reform, prevent risks, and uphold rigorous governance of our Party units. Full of confidence and determination, we will make solid and fruitful efforts in order to become a world-class group at an early date.



#### Fostering new advantages by pushing reform and innovation

We will steadily transform the energy industry, and continuously improve our technical professionalism in investment and operation associated with the environmental protection industry. We will quicken the steps to push our deployments and brands up the value chain in the sector of urban consumer goods and refine the operation of our existing assets in the urban property sector, so as to break bottlenecks through industrial restructuring and heighten our core competitive edges to a new level.

#### Cementing the new cornerstone of development by strengthening main businesses

We will steadily transform the energy industry, and continuously improve our technical professionalism in investment and operation associated with the environmental protection industry. We will quicken the steps to push our deployments and brands up the value chain in the sector of urban consumer goods and refine the operation of our existing assets in the urban property sector, so as to break bottlenecks through industrial restructuring and heighten our core competitive edges to a new level.

#### Creating better cities by promoting green development

We will speed up the R&D and application of low-carbon technologies, conduct R&D on comprehensive energy utilization, construction of hydrogen-energy infrastructure, and other aspects, and keep stepping up efforts in green industries such as clean energy and urban environmental protection. We will pursue high-quality and sustainable development in a green approach and help deliver the "dual carbon" goals.

#### Writing a new chapter of harmonious development by prioritizing national interests

Always bearing national interests at heart, we will fulfill our SOE's responsibilities, protect employees' rights and interests in accordance with the law, and join hands with our partners in building a high-quality industrial ecosphere. While pursuing our development, we will spare no efforts in rewarding society, assisting in rural revitalization, improving people's lives, and engaging in charity and public welfare undertakings, sharing the fruits of development with all stakeholders.

#### Achieving our ambitions by adhering to initial aspirations and staying true to the mission

through Chinese modernization.

On the new journey toward the second Centenary Goal, we, with the expectations and hopes from various parties on our shoulders, will stride toward our goal through high-quality development and make arrangements in compliance with the new development philosophy. We will live up to our new responsibilities and scale new heights in the endeavor to promote the capital city's development in the new era and help realize the great national rejuvenation

# Appendix

### **Key Indicators**

Indicator	Unit	2021	2022	2023 <sup>1</sup>							
Major	Category: E - Environmenta	ıl									
	Climate Change										
Carbon dioxide	10,000 tonnes	229.93	296.14	325.24							
	Emissions										
Waste Gas											
NOx	tonne	3,651.06	3,697.34	-611.65							
Sulfur dioxide	tonne	603.53	704.83	-9,088.86							
Smoke and dust	tonne	112.08	163	-90,675.94							
Dioxin	mg	290.74	330.92	166.10							
	Wastewater										
Discharged wastewater	10,000 tonnes	1,532.05	1,580.49	1,578.43							
Chemical oxygen demand (COD)	tonne	591.75	670.98	934.50							
Ammonia nitrogen	tonne	31.47	22.17	89.60							
Total phosphorus	tonne	43.38	37.02	42.75							
Hazardous Waste											
Waste produced in wastewater treatment	tonne	199	328	259							
Fly ash	10,000 tonnes	52.83	40.66	49.90							
Spent lubrication oil	tonne	413.30	141.48	82.78							
	Non-Hazardous Waste										
Sludge after safe treatment and disposal	10,000 tonnes	255.57	27.40	321							
Slag	10,000 tonnes	272.96	309.14	261.76							
Waste glassy slag	tonne	50,767.09	50,030.77	48,165.73							
Spent grains, spent hops, concretion, spent yeast, etc.	10,000 tonnes	18.70	41.18	45.82							
	Use of Resources										
Total consumption of production electricity	10,000 kWh	226,971.42	257,980.76	284,122.72							
Natural gas consumption	10,000 nm <sup>3</sup>	42,960.72	46,288.44	59,238.39							
Steam heating consumption	GJ	65,067.31	636,276.87	539,168							
Industrial steam consumption	GJ	604,318,472.30	1,023,074,034.94	1,086,834,249.41							
LPG consumption	tonne	581.93	613.69	615.25							
Gasoline consumption	tonne	2,325.18	2,699.85	48,113.41							
Diesel consumption	tonne	1,665.83	3,951.83	425,129.62							
Coal consumption	TCE	94,484.28	60,845.87	44,837.20							
Total electricity consumption of office buildings	10,000 kWh	6,151.90	3,603.25	2,393.61							
Total water consumption of office buildings	tonne	482,136.21	600,469.51	290,609.64							

Indicator Ur Total paper consumption of office buildings 10,000 Gasoline consumption of cars for office use Comprehensive energy consumption of office buildings Fresh water consumption Total consumption of packaging materials used in products Total energy consumption Non-renewable material consumption tonr Toxic and harmful material consumption ton Water conserved 10,000 10,000 Circulating water usage Total water consumption Number of green technologies Number of green building renovation: Number of online meetings Environmental public welfare activities Violations of environmental laws and regulations Major Categ Total employees<sup>2</sup> Labor contract signing rate Social insurance coverage rate Employee training investment RMB Number of people covered by training

> Number of work-related fatalities Safety risk training coverage rate Occupational disease occurrence rate Total workplace safety investment

Number of people covered by workplace safety training Number of safety training sessions Duration of safety training sessions

Number of suppliers Number of suppliers implementing the supplier management system Number of suppliers with ISO 9001 certification Number of suppliers with ISO 14001 certification

Percentage of product recalls

RMB

Notes:

#### BG 2023 ESG Report

Main reasons for changes in the environmental data are business growth and a more comprehensive statistical scope for directly affiliated enterprises, achieved through data quality improvement projects.
 The indicator for "Total Employee" is based on the scope of the consolidated financial statement, excluding associate companies. The total number of employees in 2022 includes those from BEUR.

nit	2021	2022	2023
sheets	2,026.30	2,029.60	1,848.59
nne	679.76	847.96	393.70
CE	20,919.02	4,782.60	21,589.31
tonnes	3,829.57	3,080.02	3,265.04
nne	385.84	1,761.80	1,603.48
CE	1,138,000.20	1,242,795.56	1,300,875.89
ne/m³	0.45	0.11	0.87
ne/m <sup>3</sup>	0	0	0
tonnes	0.10	0.32	1.37
tonnes	0	0	0.52
tonnes	714.47	746.15	3,176.56
mental Manag	ement		
em	2	3	5
em	0	0	4
me	593	750	1,505
me	26	25	44
cs	1	1	2
: S - Social			
rson	78,681	101,139	129,502
%	100	100	100
%	100	100	100
%			
	100	100	100
% 10,000 rson	100 762.90	100 793.91	100 2,502.85
% 10,000 rson	100 762.90 13,642	100 793.91 17,714	100 2,502.85 79,751
% 10,000 'son 'son	100 762.90 13,642 5	100 793.91 17,714 0	100 2,502.85 79,751 0
% 10,000 'son % %	100 762.90 13,642 5 100	100 793.91 17,714 0 100	100 2,502.85 79,751 0 100
% 10,000 son % % 10,000	100 762.90 13,642 5 100 0	100 793.91 17,714 0 100 0	100 2,502.85 79,751 0 100 0
% 10,000	100 762.90 13,642 5 100 0 100,946.87	100 793.91 17,714 0 100 0 188,060.57	100 2,502.85 79,751 0 100 0 254,000
% 10,000 son son % 6 10,000 son me	100 762.90 13,642 5 100 0 100,946.87 227,595	100 793.91 17,714 0 100 0 188,060.57 253,590	100 2,502.85 79,751 0 100 0 254,000 411,534
% 10,000 rson rson % % 10,000 rson me pur	100 762.90 13,642 5 100 0 100,946.87 227,595 1,840	100 793.91 17,714 0 100 0 188,060.57 253,590 1,352	100 2,502.85 79,751 0 100 0 254,000 411,534 1,848
%       10,000       ison	100 762.90 13,642 5 100 0 100,946.87 227,595 1,840	100 793.91 17,714 0 100 0 188,060.57 253,590 1,352	100 2,502.85 79,751 0 100 0 254,000 411,534 1,848
%       10,000       ison       son       %       10,000       %       10,000       ison       10,000       ison       0       0.	100 762.90 13,642 5 100 0 100,946.87 227,595 1,840 461,754.40	100 793.91 17,714 0 100 0 188,060.57 253,590 1,352 485,841	100 2,502.85 79,751 0 100 0 254,000 411,534 1,848 474,555.50
%       10,000       rson       son       %       10,000       %       10,000       rson       10,000       was       10,000       rson       10,000       was       was   <	100 762.90 13,642 5 100 0 100,946.87 227,595 1,840 461,754.40	100 793.91 17,714 0 100 0 188,060.57 253,590 1,352 485,841	100 2,502.85 79,751 0 100 0 254,000 411,534 1,848 474,555.50
%       10,000       ison       ison       ison       ison       ion       ion       ion	100 762.90 13,642 5 100 0 100,946.87 227,595 1,840 461,754.40	100 793.91 17,714 0 100 0 188,060.57 253,590 1,352 485,841 6,979 4,101	100 2,502.85 79,751 0 100 0 254,000 411,534 1,848 474,555.50 11,448 4,646
%       10,000       ison       ison       ison       ison       ison       ion       ion       ion       ion       ion	100 762.90 13,642 5 100 0 100,946.87 227,595 1,840 461,754.40 7,530 4,382 1,854	100 793.91 17,714 0 100 0 100 188,060.57 253,590 1,352 1,352 485,841 6,979 4,101 2,490	100 2,502.85 79,751 0 100 0 254,000 411,534 1,848 474,555.50 111,448 4,646 2,480
% 10,000 son % % % 10,000 son	100 762.90 13,642 5 100 0 100,946.87 227,595 1,840 461,754.40 7,530 4,382 1,854	100 793.91 17,714 0 100 0 100 188,060.57 253,590 1,352 1,352 485,841 6,979 4,101 2,490	100 2,502.85 79,751 0 100 0 254,000 411,534 1,848 474,555.50 111,448 4,646 2,480

Indicator	Unit	2021	2022	2023
Quantity of customer complaints	pcs	7,525	346	1,121
Number of incidents involving customer information leakage	pcs	0	0	0
Losses incurred due to violations of relevant laws and regulations	RMB 10,000	0	0	0
	Innovative Development			
R&D investment	RMB 10,000	202,037	237,130.70	295,230.44
Number of R&D personnel	person	3,397	5,392	4,102
Number of patent applications and grants	pcs	205	259	573
Number of intellectual properties (trademarks, copyrights, etc.)	pcs	442	496	630
	Community Investment			
Amount of assistance provided to employees by the Sunshine Special Fund	RMB 10,000	213.79	185.56	240.58
Number of assistance provided to employees by the Sunshine Special Fund	person-time	429	412	549
Employee physical examination coverage rate	%	100	100	99.93
Amount of charitable donations	RMB 10,000	3,098.62	555.51	1,235.79
In-kind donations (equivalent value)	RMB 10,000	11.90	90.73	111.83
Total investment in rural revitalization	RMB 10,000	1,214.31	1,761.51	1,514.96
Volunteer services provided by employees	person-time	10,850	27,012	6,689
Total hours of volunteer services provided by employees	hour	82,895	117,046	27,560.50
Мајо	r Category: G - Governance			
	Anti-Corruption			
Museless of legal accessional in a substant				
Number of legal cases involving corruption	pcs	0	0	0
Number of people covered by training	pcs person	0 3,322	0 4,006	0 53,958
Number of people covered by training Total duration of training	person	3,322 9,729.50	4,006	53,958
Number of people covered by training Total duration of training	person hour	3,322 9,729.50	4,006	53,958
Number of people covered by training Total duration of training Organia Total number of board members	person hour ational structure and funct	3,322 9,729.50	4,006 12,376	53,958 51,369.50
Number of people covered by training Total duration of training Organia Total number of board members	person hour tational structure and funct	3,322 9,729.50	4,006 12,376	53,958 51,369.50
Number of people covered by training Total duration of training Organiz Total number of board members B	person hour tational structure and funct person oard members by gender	3,322 9,729.50 ions 10	4,006 12,376	53,958 51,369.50 9
Number of people covered by training Total duration of training Organit Total number of board members Male Female Female	person hour tational structure and funct person oard members by gender person	3,322 9,729.50 ions 10 10 0	4,006 12,376 7 7	53,958 51,369.50 9 9
Number of people covered by training Total duration of training Organit Total number of board members Male Female Female	person hour tational structure and funct person oard members by gender person person	3,322 9,729.50 ions 10 10 0	4,006 12,376 7 7	53,958 51,369.50 9 9
Number of people covered by training         Total duration of training         Organia         Total number of board members         Male         Female         Board	person hour cational structure and funct person coard members by gender person person ard members by age group	3,322 9,729.50 ions 10 10 0	4,006 12,376 7 7 0	53,958 51,369.50 9 9 0
Number of people covered by training         Total duration of training         Organiz         Total number of board members         Bo         Semale         <30 years old	person hour tational structure and funct person oard members by gender person ard members by age group person	3,322 9,729.50 ilons 10 10 0	4,006 12,376 7 7 0 0	53,958 51,369.50 9 9 0 0
Number of people covered by training         Total duration of training         Organiz         Total number of board members         Male         Female         Solution         Solution </td <td>person hour eational structure and funct person oard members by gender person ard members by age group person person person</td> <td>3,322 9,729.50 ions 10 10 0 0</td> <td>4,006 12,376 7 7 0 0 0</td> <td>53,958 51,369,50 9 9 0 0 0 1</td>	person hour eational structure and funct person oard members by gender person ard members by age group person person person	3,322 9,729.50 ions 10 10 0 0	4,006 12,376 7 7 0 0 0	53,958 51,369,50 9 9 0 0 0 1
Number of people covered by training         Total duration of training         Organiz         Total number of board members         Male         Male         Female         So         <30 years old	person hour tational structure and funct person oard members by gender person person ard members by age group person person person	3,322 9,729.50 ions 10 10 0 0 0 0 10	4,006 12,376 7 7 0 7 0 0 0 0 7	53,958 51,369,50 9 9 0 0 1 1 8
Number of people covered by training         Total duration of training         Organiz         Total number of board members         Male         Male         Female         Solution	person hour attional structure and funct person oard members by gender person ard members by age group person person person person person year	3,322 9,729.50 ions 10 10 0 0 0 0 10 4	4,006 12,376 7 7 0 0 0 0 7 7 4.50	53,958 51,369,50 9 9 0 0 1 1 8 8 3,20
Number of people covered by training         Total duration of training         Organiz         Total number of board members         Male         Male         Female         Solution	person hour ational structure and funct person oard members by gender person person ard members by age group person person person gerson 96	3,322 9,729.50 ions 10 10 0 0 0 0 10 4	4,006 12,376 7 7 0 0 0 0 7 7 4.50	53,958 51,369,50 9 9 0 0 1 1 8 8 3,20
Number of people covered by training         Total duration of training         Organiz         Total number of board members         Male         Male         Female         So	person hour tational structure and funct person oard members by gender person ard members by age group person person person gerson 96 Risk Management	3,322 9,729.50 ions 10 10 0 0 0 0 0 10 4 50	4,006 12,376 7 7 0 0 0 0 7 4.50 57.10	53,958 51,369,50 9 9 0 0 1 1 8 8 3.20 55,50



ESG REPORT 2023

### Notes:

1. The data for BEHL in 2021 and 2023 include, but are not limited to, those of Beijing Gas, Yanjing Beer, BEWG, and BE Solid Waste Environmental Protection.

Indicators of Directly Affiliated Enterprises

2. The data for BEHL in 2022 include, but are not limited to, those of Beijing Gas, Yanjing Beer, and BE Environment.

Indicator	Unit		BEHL			Beijing (	Gas		Beijing Gas		
		2021 <sup>1</sup>	2022 <sup>2</sup>	2023 <sup>1</sup>	2021	2022	2023	2021	2022	2023	
		2021				LULL	2023	2021	LULL	2025	
			Ma	jor Category: E – Env							
		404.70		Climate Chan	-			70.00	75.04	67.00	
Carbon dioxide	10,000 tonnes	194.79	89.20	241.23	1.54		41.04	72.02	75.31	67.23	
	_	_	_	Emissions Waste Gas			_	_	_	_	
NOx	tonne	3,502.82	3,179.40	4231.09	-		114.40	259.02	142.08	186.40	
Sulfur dioxide	tonne	597.44	649.90	926.30	-		6.20	196.98	78.95	53.70	
Smoke and dust	tonne	84.38	121.03	139.05	-	-	35.15	-	26.14	-	
Dioxin	mg	290.74	330.92	166.10	-	-	0	-	-	-	
				Wastewater							
Discharged wastewater	10,000 tonnes	1,528.98	1,570.87	1,563.78	21.88	-	20.98	1,398.42	1,412.23	1,355.10	
Chemical oxygen demand (COD)	tonne	591.75	670.98	934.50	-		0	581.35	618.92	848.30	
Ammonia nitrogen	tonne	31.47	22.17	89.60	-		0	30.38	20.50	88.20	
Total phosphorus	tonne	43.38	37.02	42.75	-	-	0	43.38	36.13	42.75	
				Hazardous Wa	ste						
Waste produced in wastewater treatment	tonne	199	328	259	-		-	-	31.80	-	
Fly ash	10,000 tonnes	52.83	40.66	49.90	-	-	-	-	-	-	
Spent lubrication oil	tonne	-	141.48	82.20	-	10.63	-	-	31.61	82.20	
				Non-Hazardous V	Vaste						
Sludge after safe treatment and disposal	10,000 tonnes	255.57	27.40	321	-	-	-	-	3.18	2.67	
Slag	10,000 tonnes	272.96	309.14	261.76	-	-	-	-	0.99	0.71	
Waste glassy slag	tonne	50,767.09	50,030.77	48,165.73	-	-	-	50,767.09	44,578.02	48,165.73	
Spent grains, spent hops, concretion, spent yeast, etc.	10,000 tonnes	18.70	41.18	45.82	-		-	18.70	41.18	45.82	
				Use of Resourc							
Total consumption of production electricity	10,000 kWh	207,758.05	41,728.12	263,551.90	1,688.17	1,603.60	18,256.40	33,643.20	36,358.43	33,914.40	
Natural gas consumption	10,000 nm <sup>3</sup>	14,427.77	13,634.29	26,555.27	248.78	240.50	13,120.40	12,137.50	11,987.90	11,865.20	
Steam heating consumption	GJ	54,799.21	32,844.90	3,781	44,794.21	32,844.90	-	-	-	-	
Industrial steam consumption	GJ	604,318,472.30	1,023,074,034.94	1,086,834,249.41	-	-	210,351,378.72	604,318,472.30	1,023,074,034.94	876,482,870.69	
LPG consumption	tonne	49.64	14.63	76.86	2.09	-	0.17	-	-	-	
Gasoline consumption	tonne	1,455.07	1,601.15	47,703.10	539.69	563.46	1,337.40	871.17	971.65	40,661	
Diesel consumption	tonne	921.91	1,627.66	424,401.10	42.07	36.29	113.30	76.06	1,536.16	125,130	
Coal consumption	TCE	94,484.28	60,845.87	44,837.20	-	-	-	60,481.48	41,815.11	27,000	
Total electricity consumption of office buildings	10,000 kWh	-	22.40	23.90	-	-	-	-	-	-	
Total water consumption of office buildings	tonne	-	647	573	-	-	-	-	-	-	
Total paper consumption of office buildings	10,000 sheets	-	-	0.46x10 <sup>-3</sup>	-	-	-	-	-	-	
Gasoline consumption of cars for office use	tonne	-	11.77	16.80	-	-	-	-	-	-	
Comprehensive energy consumption of office buildings	TCE	-	44.40	47.30	-	-	-	-	-	-	
Fresh water consumption	10,000 tonnes	2,921.51	1,787.97	2,439.02	23.52	23.51	146.60	2,084.20	1,361.60	1,832.90	
Total consumption of packaging materials used in products	tonne	-	-	-	-	-	-	-	-		

	BEWG			ronment		BBEG		<u> </u>	BIIC	
2021	2022	2023	2022	2023	2021	2022	2023	2021	2022	2023
				Ma	ajor Category: E - I	Environmental				
					Climate Ch	ange				
105.01	111.27	120.06	11.90	12.90	66.60	81.99	81.63	-31.08 <sup>3</sup>	1.55	2.06
					Emissio	ns				
					Waste G	as				
305	337	566	3,037.31	3,364.29	148.24	180.94	167.25	-	-	-5,010
37	48	64	570.90	802.40	6.09	6.93	4.84	-	-	-10,020
-	6.92	22	94.89	81.90	27.70	35.05	32.96	-	-	-90,848
-	-	-	330.92	166.10	-	-	-	-	-	0
			450.04	107.70	Wastewa					
-	-	-	158.64 52.06	187.70 86.20	-	-	-	-	-	- 14.65
-		-	1.67	1.40	-	-	-	-	-	
-	-	-	0.89	-	-	-	-	-	-	-
					Hazardous	Waste				
199	328	259	-	-	-	-	-	-	-	0
-	-	-	40.66	49.90	-	-	-	-	-	0
-	-	-	-	-	-	-	-	-	-	0.58
					Non-Hazardo	us Waste				
255.57	273.47	276.43	24.22	42.34	-			-	-	0
-	-	-	205.83	261.05	-			-	-	0
-	-	-	-	-	-	-	-	-	-	0
-	-	-	-	-	-	-	-	-	-	0
					Use of Resc	ources				
169,897.99	191,288.30	207,348.60	1,238.33	4,032.50	8,830.64	10,473.42	10,239.97	2,163.35	630.58	1,568.10
201.94	154.60	184.67	87.13	1,385	27,671.87	31,652.68	31,743.16	214.03	89	158.73
10,005	4,748	3,781	-	-	10,268.10	592,682	535,387	-	6,001.97	0
-	-	-	-	-	-	-	-	-	-	0
-	-	72.99	14.63	3.70	530.67	529.21	478.31	-	3	0.55
581	767	1,259	41.61	4,445.70	236.11	205.39	131.39	2.58	6.46	6.95
782	1,638	1,658	3.57	297,499.80	722.95	614.43	667.07	2.40	4.30	4.30
-	-	-	19,030.76	17,837.20	-	-	-	-	-	0
-	547.85	573.09	-	-	1,302.24	451.13	13.79	3,496.05	1,562.69	1,356.53
	61,870	33,043	-	-	90,407.98	79,157.61	30.04	256,939.22	320,447	180,551.10
	-		-	-	535.65	550.87	22	110.66	169.33	250.50
-	260	218	-	-	274.71	254.63	7.88	53.02	50.77	46.50
-	-	1,206.08	-	-	11,457.53	11.29	28.54	7,273.33	2,315.79	3,778.31
461.23	460.50	413.10	402.77	46.42	109.38	118.90	96.75	34.97	21.73	18.31
-	-	-	-	-	-	-	-	385.84	491.40	445.44

#### BG 2023 ESG Report

3. The carbon dioxide emissions data for BIIC in 2021 include emission reductions from photovoltaic power generation. After the adjustment in 2022, these emission reductions are no longer included.

Indicator	Unit		BMEDI		BERE			BEGCL			
		2021	2022	2023	2021	2022	2023	2021	2022	2023年	
			Мај	or Category: E - En	vironmental						
				Climate Char							
Carbon dioxide	10,000 tonnes	0.28	0.27	0.32	-	6.51	-	-	5.22	-	
Emissions											
Discharged wastewater	10,000 tonnes	-	-	-	-	9.62	-	-	-	-	
Use of Resources											
Total consumption of production electricity	10,000 kWh	-	-	-	3,121.10	7,994.33	3,774.67	5,098.27	5,819.10	4,393.10	
Natural gas consumption	10,000 nm <sup>3</sup>	5.91	4.75	5.70	636.85	696.55	594.29	10.94	44.58	173.80	
LPG consumption	tonne	1.62	1.71	1.77		65.14	56.57	-	-	-	
Gasoline consumption	tonne	-		174.24	64.85	101.94	55.36	-	13.28	30.42	
Diesel consumption	tonne				14.74	62.08	54.60	2.39	5.37	1.70	
Total electricity consumption of office buildings	10,000 kWh	347.78	367.45	437.34	762.60	450.04	187.59	94.70	91.19	270.65	
Total water consumption of office buildings	tonne	36,481.51	42,434.80	43,835.50	83,528	84,387	42,970	6,214	7,556.10	16,671.40	
Total paper consumption of office buildings	10,000 sheets	1,020.37	853.36	1,143	109.30	230.31	47.98	152.64	120.74	182.86	
Gasoline consumption of cars for office use	tonne	321.19	145.87	174.24	95.80	80.94	78.00	43.42	17.22	31.01	
Comprehensive energy consumption of office buildings	TCE	780.11	732.40	870.75	1,408.05	1,248.57	1,097.30		368.41	885.01	
Fresh water consumption	10,000 tonnes	3.65			673.00	640.82	620	69.04	39.18	0.80	
Total consumption of packaging materials used in products	tonne	-	-	-	-	-	0	-	-	-	

	BEEI			BGSC			BHL			BEGF	
2021	2022	2023	2021	2022	2023	2021	2022	2023	2021	2022	2023
					Major Catego	ry: E - Environment	al				
					Clim	nate Change					
-	0	0	-	-	-	-	0.06	-	-	0.01	
Emissions											
	0	0	-		-	-			-		
Use of Resources											
-	-	0	-	-	-	-	46.91	44.99	-	-	-
-	-	0	2	2	-	-	10	7.41	-	-	-
-	-	0	-	-	-	-	-	1.15	-	-	-
8.20	-	0	2.53	0.30	0.69	8.91	4.34	5.41	7.25	-	5.85
-	-	0	-	-	0	0.48	-	0.85	-	-	0
4.30	3.51	3.68	84.54	39.63	36.17	54.42	15.51	12.63	5.27	6.34	5.33
134	93	0	4,468	1,684	3,114.10	3,814.50	1,058	1,612.50	149	145	89
16.90	17	0.30	47.10	42.50	39.10	28.68	33.75	25	5	6.75	18.33
8.20	1.01	8.73	4.03	1.91	1.39	8.91	4.34	5.41	7.25	5.40	5.85
-	-	19.24	-	5.81	214.39	-	-	23.47	-	0.01	14,625
-	-	0	-	10.71	0.31	2.21	0.22	0.60	-	-	89
-	-	0.04	-	-	-	-	1,270.40	1,158	-	-	

#### BEIJING ENTERPRISES GROUP

Notes:

4. The quantity of customer complaints for Beijing Gas and BBEG refers to complaints reported by users via the municipal 12345 platform, where service quality expectations were not met.

The customer complaints for BGSC in 2021 are against Beijing Municipal Administration & Communication Card Co., Ltd., of which the shares were transferred in 2022.

Indicator	Unit		BEHL		Beijing Gas				Yanjing Bee	r	
		2021	2022	2023	2021	2022	2023	2021	2022	2023	
				Major Categ							
Total employees	person	52,515	75,670	50,033	10,206	10,396	6,375	26,145	23,708	21,405	
Supply Chain Management											
Number of suppliers	no.	2,670	2,129	6,564	76	90	98	1,749	1,444	1,428	
By geographical region											
Chinese mainland	no.	2,626	2,078	4,060	76	90	98	1,748	1,436	1,427	
Overseas and Hong Kong, Macao, and Taiwan	no.	44	51	2,351	-	-	0	1	8	1	
Number of suppliers implementing the supplier management system	no.	-	-	-	-	-	-	-	-	-	
Number of suppliers with ISO 9001	no.	848	669	1,274	76	90	98	418	390	452	
Number of suppliers with ISO 14001 certification	no.	527	439	989	76	90	98	228	178	260	
Percentage of product recalls	%	0	0	0	0	0	0	0	0	0	
Quantity of customer complaints <sup>4</sup>	no.	655	0	763	8	7	9	647	643	754	
				Communit	y Investment						
Amount of assistance provided to employees	RMB 10,000	84.27	149	177.78	77.20	101.52	130	0.27	40.58	30.63	
Number of assistance provided to employees	person-time	107	436	425	62	141	144	20	274	240	
Employee physical examination coverage rate	%	100	100	100	100	100	100	100	100	100	
Amount of charitable donations	RMB 10,000	679.06	189.06	999.22	628	100	235.15	-	61.24	76.62	
In-kind donations (equivalent value)	RMB 10,000	-	72.79	40	-	-	0	-	3.66	30.40	
Total investment in rural revitalization	RMB 10,000	-	1,014.95	726.90	-	663.20	424.53	-	351.75	251.12	
Volunteer services provided by employees	person-time	3,581	9,073	5,014	3,255	3,068	3,195	282	5,780	5,437	
Total hours of volunteer services provided by employees	hour	65,880.50	63,356	20,246	8,369	15,082	15,978	57,336	47,891	27,970	

	BEWG		BE Envi	ironment		BBEG		BIIC		
2021	2022	2023	2022	2023	2021	2022	2023	2021	2022	2023
					Major Category:					
17,888	20,606	18,918	2,174	3,335	4,514	4,213	4,061	2,716	2,827	2,996
					Supply Chain Ma	inagement				
601	429	472	548	4,566	818	998	1,795	1,485	1,820	1,795
By geographical region										
601	381	292	547	2,243	814	997	1,791	1,407	1,703	1,668
-	48	27	1	2,323	4	1	4	78	117	127
-	429	-	-		663	577	1,795	1,451	1,820	1,648
331	429	313	189	444	46	359	346	750	712	728
314	408	313	171	370	33	348	326	341	407	405
					Product Respo	onsibility		I		
0	0	-	0	0	0	0	0	0	0	0
0	0	-	0	0	15	11	12	2	2	1
					Community Inv	vestment				
-	-	-	6.9	17.15	135.90	46.35	41.70	11.95	17.50	48.87
-	-		21	41	505	100	60	114	49	2,189
100	100	100	100	100	100	100	99.21	100	100	100
183.92	98.02	296.30	1.32	367.26	30	30.15	23.81	-	-	0
-	-		-	9.60	11.90	14.99	0.05	-	-	68
-		-	-	51.25	262.91	376.19	359.18	55.89	96.04	169.50
-			120	393	1,472	1,525	776	122	457	83
63,555	418	950	47	1,793	3,991	6,492.50	2,471.50	275.0	12,806	217

Indicator	Unit		BMEDI			BERE			BGCD	
		2021	2022	2023	2021	2022	2023	2021	2022	2023
				Major Categ	ory: S - Social					
				Emplo	byment					
Total employees	person	3,569	3,588	3,749	2,653	1,940	1,555	1,402	1,401	1,089
				Supply Chain	Management					
Number of suppliers	no.	-	-		653	574	568	1,562	969	641
Chinese mainland	no.	-	-	-	653	563	557	1,560	926	596
Overseas and Hong Kong, Macao, and Taiwan	no.	-	-	-		11	11	2	43	45
Number of suppliers implementing the supplier management system	no.	-	-	-	576	560	547	1,506	660	571
Number of suppliers with ISO 9001 certification	no.	-	-	-	53	58	58	-	226	18
Number of suppliers with ISO 14001 certification	no.	-	-	-	36	54	54	-	194	24
				Product Re	sponsibility					
Percentage of product recalls	%	0	0	0	0	0	0	0	0	0
Quantity of customer complaints	no.	2	6	0	75	93	202	1,295	234	143
				Community	/ Investment					
Amount of assistance provided to employees	RMB 10,000	9.10	6.30	9.60	71.98	63.41	88.10	6.85	5.33	4.20
Number of assistance provided to employees	person-time	23	14	20	107	222	304	24	8	27
Employee physical examination coverage rate	%	100	100	100	100	100	100	100	100	100
Amount of charitable donations	RMB 10,000	11.41	10.74	10.09	13.30	1.91	0.85	9.87	2.33	-
In-kind donations (equivalent value)	RMB 10,000		-	-	-	-	0	-	1.20	-
Total investment in rural revitalization	RMB 10,000	95.39	48.30	10.53	91.35	149.78	172.30	41.01	20.92	25.75
Volunteer services provided by employees	person-time	639	748	124	927	1,656	350	263	238	210
Total hours of volunteer services provided by employees	hour	700	3,941	609	1,048	17,730	1,200	399	4,754	1,500

	BEEI			BGSC			BHL			BEGF	
2021	2022	2023	2021	2022	2023	2021	2022	2023	2021	2022	2023
					Major Ca						
					E	mployment					
58	54	37	736	686	480	195	163	146	48	46	42
Supply Chain Management											
77	-	-	189	-	-	-	60	85	-	-	-
By geographical region											
77	-	-	189	-	-	-	57	83	-	-	-
	-	-	-	-		-	3	2	-	-	-
-	-	-	186	-	-	-	55	85	-	-	-
-	-	-	157	-	-	-	37	56	-	-	-
-	-	-	146	-	-	-	24	56	-	-	
					Produc	ct Responsibility					
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	5,481	0	0	0	0	0	0	0	0
					Commi	unity Investment					
0.47	-	0	1.88	3.96	2.51	6.28	3.30	1.90	2.71	0.70	0
8	-	0	10	14	24	12	51	15	18	11	0
100	100	100	100	100	100	100	100	100	100	100	100
0.27	-	0.17	1.04	0.26	0.10	600	43.76	7.85	-	0.49	14.90
	-	0		-	0		1.75	3.78	-	-	0
4.45	2.16	2.51	36.28	30.85	19.99	-	11.87	23	-	4.68	5.30
27			487	36	14	20	17	10	57	9	3
540	-		735	1,972	42	860	500	86	98	700	10

### Index of Indicators

Environmental, Social, and Governance Reporting Guide issued by the Stock Exchange of Hong Kong Limited

Aspect	Indicator	Description	Response
	General Disclosure	Information on (a) our policies and (b) our compliance with relevant laws and regulations that have a significant impact on the issuer in areas such as the emissions of waste gases, greenhouse gases, discharges into water and land, and the generation of hazardous and non-hazardous waste.	P61-73
	KPI A1.1	Types of emissions and respective emission data.	P102
	KPI A1.2	Direct (Scope 1) and energy indirect (Scope 2) greenhouse gas emissions (in tonnes) and, where applicable, intensity (e.g., per unit of production volume, per facility).	P102
A1: Emissions	KPI A1.3	Total amount of hazardous waste generated (in tonnes) and, where applicable, intensity (e.g., per unit of production volume, per facility).	P102
	KPI A1.4	Total amount of non-hazardous waste generated (in tonnes) and, where applicable, intensity (e.g., per unit of production volume, per facility).	P102
	KPI A1.5	Emissions reduction targets were established and steps were taken to achieve them.	P62-63
	KPI A1.6	How both hazardous and non-hazardous wastes are handled, along with any reduction targets established and the steps taken to achieve them.	P67
	General Disclosure	Policies on the efficient use of resources, including energy, water, and other raw materials.	P67-69
	KPI A2.1	Total direct and/or indirect energy consumption (in thousands of kWh) by type (e.g., electricity, gas, or oil) and intensity (e.g., per unit of production volume, per facility).	P102-103
A2:	KPI A2.2	Total water consumption and intensity (e.g., per unit of production volume, per facility).	P103
Use of Resources	KPI A2.3	Energy efficiency targets are established and the steps taken to achieve them.	P56-60
	KPI A2.4	Any issues related to sourcing water that is fit for purpose, along with water efficiency targets established and the steps taken to achieve them.	P67-68
	KPI A2.5	Total packaging materials used for finished products (in tonnes) and, where applicable, with reference to quantity per unit of production.	P103
A3:	General Disclosure	Policies aimed at minimizing the issuer's significant impacts on the environment and natural resources.	P56-73
Environment and Natural Resources	KPI A3.1	Significant impacts of business activities on the environment and natural resources, along with the actions taken to manage them.	P56-73
A4:	General Disclosure	Policies on identification and mitigation of significant climate-related issues that have impacted, or may impact, the issuer.	P61-64
Climate change	KPI A4.1	Significant climate-related issues that have impacted, or may impact, the issuer, along with the actions taken to manage them.	P61-64
B1:	General Disclosure	Information on (a) our policies and (b) our compliance with relevant laws and regulations that have a significant impact on the issuer in areas such as compensation and dismissal, recruitment and promotion, working hours, vacations, equal opportunities, diversity, anti-discrimination, and other benefits and welfare.	P46-53
Employment	KPI B1.1	Total workforce by gender, employment type (e.g., full-time or part-time), age group, and geographical region.	P103
	KPI B1.2	Employee turnover rates by gender, age group, and geographical region.	/
	General Disclosure	Information on (a) our policies and (b) our compliance with relevant laws and regulations that have a significant impact on the issuer's ability to provide a safe working environment and protect employees from occupational hazards.	P86-91
B2:	KPI B2.1	Number and rate of work-related fatalities recorded over the past three years (including the reporting year).	P103
Health and Safety	KPI B2.2	Lost workdays due to work-related injuries.	/
	KPI B2.3	Occupational health and safety measures that have been adopted, and ways of their implementation and monitoring.	P86-91

B3: Development and Training	General Disclosure	Policies aimed at enhancing employees' knowledge and skills for performing their duties, along with training activities provided.	P48-49、I
	KPI B3.1	Percentage of employees trained by gender and employee category (e.g., senior management, middle management).	P103
	KPI B3.2	Average number of training hours completed per employee by gender and employee category.	P103
B4: Labor Standards	General Disclosure	Information on (a) our policies and (b) our compliance with relevant laws and regulations that have a significant impact on the issuer's efforts to prevent child and forced labor.	P46
	KPI B4.1	Measures implemented to review employment practices and ensure the prevention of child and forced labor.	P46
	KPI B4.2	Steps were taken to eliminate any violations upon discovery.	/
B5: Supply Chain Management	General Disclosure	Policies on managing environmental and social risks within the supply chain.	P36-37
	KPI B5.1	Number of suppliers by geographical region.	P103
	KPI B5.2	Practices used for engaging suppliers, numbers of suppliers adhering to these practices, and ways of their implementation and monitoring.	P36-37、 P103
	KPI B5.3	Practices used for identifying environmental and social risks along the supply chain, and ways of their implementation and monitoring.	P36-37
	KPI B5.4	Practices used to encourage environmentally preferable products and services in supplier selection, and ways of their implementation and monitoring.	P36-37
B6: Product Responsibility	General Disclosure	Information on (a) our policies and (b) our compliance with relevant laws and regulations that have a significant impact on the issuer in areas such as health and safety, advertising, labeling, privacy, and remedial actions related to the products and services provided.	P38-40
	KPI B6.1	Percentage of total products sold or delivered that were subject to recalls due to safety or health concerns.	P103
	KPI B6.2	Number of complaints received regarding products and services, along with the processes used to address them.	P104
	KPI B6.3	Practices in place to observe and protect intellectual property rights.	P79
	KPI B6.4	Quality inspection processes and product recall procedures.	P38
	KPI B6.5	Consumer data protection and privacy policies, and ways of their implementation and monitoring.	P40
B7: Anti-Corruption	General Disclosure	Information on (a) our policies and (b) our compliance with relevant laws and regulations that have a significant impact on the issuer in areas such as bribery, extortion, fraud, and money laundering.	P94-95
	KPI B7.1	The number of concluded legal cases related to corrupted practices brought against the issuer or its employees during the reporting period, along with the outcomes of these cases.	P104
	KPI B7.2	Preventive measures and whistle-blowing procedures in place, and ways of their implementation and monitoring.	P94-95、
	KPI B7.3	Anti-corruption training provided to directors and employees.	P104
B8: Community Investment	General Disclosure	Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure that its activities take into consideration the communities' interests.	P20-21、 P41-43
	KPI B8.1	Key areas of contribution (e.g., education, environmental issues, labor needs, culture, sports).	P20-21、 P41-43
	KPI B8.2	Resources allocated to these areas (e.g., money, time).	P104

### **Rating Report**

#### Rating Report of the ESG Report 2023 of Beijing Enterprises Group Company Limited

At the request of Beijing Enterprises Group Company Limited (hereinafter referred to as "BG"), the Chinese Expert Committee on CSR Report Rating invited experts to form a Rating Team to evaluate the ESG Report 2023 of Beijing Enterprises Group Company Limited (hereinafter referred to as "the Report").

#### I. Rating Criteria

Guidelines on Corporate Social Responsibility Reporting for Chinese Enterprises (CASS-CSR4.0) issued by the Chinese Academy of Social Sciences and the Rating Standards of China Corporate Social Responsibility Report (2020) established by the Chinese Expert Committee on CSR Report Rating.

#### II. Rating Process

1. The Rating Team reviewed and approved the Confirmation Letter on Materials for the CSR Reporting Process and relevant supporting materials;

2. The Rating Team evaluated the compilation process and the disclosed information of the Report, and drafted the Rating Report;

3. The Rating Report was submitted for co-signing by the Vice Chairman of the Chinese Expert Committee on CSR Report Rating, as well as the Leader and experts of the Rating Team.

#### **III. Rating Results**

#### Process $( \star \star \star \star \star )$

The Group Research Office led the establishment of a report preparation working group, involving representatives from the Group's core departments and subsidiary enterprises in the detailed preparation process. Xu Bo, Deputy Secretary of the Group Party Committee and Vice Chairman, oversees the ESG efforts. The Group's Board of Directors serves as the decisionmaking body for ESG matters, responsible for making resolutions on key issues such as the Group's ESG goals, plans, and systems. The content of the Report is reviewed by the General Manager's Office, Party Committee, and Board of Directors, with final approval resting with the Chairman and General Manager. The Report is positioned as the Group's primary external communication tool to address the concerns and requirements of stakeholders, including government entities, capital markets, and the general public. The Report's functional value is clearly defined by promoting ESG management through a "management-by-preparation" approach. Core topics are identified, collected, and analyzed through stakeholder interviews and surveys to improve the accuracy of key issue selection. The ESG indicator system is developed with reference to national macro policies, international and domestic social section, reflecting the Company's deep commitment to social responsibility through responsibility standards, and the Group's major strategies. The Group encourages its listed governance, action, and planning, demonstrating leading innovative performance. companies to publish ESG reports, comprehensively advancing the ESG system development across its subsidiary enterprises and vertically improving ESG management capabilities. The Report will be released on the official website and will be available in electronic, printed, and H5 formats, showcasing outstanding process performance.

#### Materiality ( $\star \star \star \star \star$ )

The Report discloses key industry issues such as product quality management, product innovation, occupational health management, workplace safety, research and application o environmental protection technologies and equipment, conservation of energy and water resources, reduction of "three wastes" emissions, and environmental management in areas surrounding the factory, demonstrating leading materiality performance.

#### Completeness $( \bigstar \bigstar \bigstar \bigstar )$

The Report systematically discloses 87.32% of the core industry indicators from multiple perspectives, including "Improving Corporate Governance Through Scientific Decision-Making," "Giving Back to Society and Co-Creating a Better Life," "Nurturing Employee Personal Development to Build a Fulfilling Enterprise," "Protecting Our Ecosystem with Low-Carbon Approaches," "Developing New Quality Productive Forces Through Technological Innovation," "Laying a Solid Foundation for Practical Success Through Workplace Safety," and "Promoting High-Quality Development Through Enhanced Supervision Efficiency," demonstrating leading performance in terms of completeness.

#### Balance $( \star \star \star \star \star \star )$

The Report discloses negative data such as "violations of environmental laws and regulations," "number of work-related fatalities," "percentage of product recalls," "number of customer complaints," "incidents of customer information leaks," and "absence of violation cases of child labor or forced labor," demonstrating excellent balance in its presentation.

#### Comparability $( \star \star \star \star \star )$

The Report presents comparative data across 89 key indicators over the past three years, including "total number of board members," "number of risk events," "labor contract signing rate," "number of safety training sessions," "total electricity consumption for production," and "total water consumption." It also includes horizontal comparisons on indicators such as "ranking among the 'Top 500 Chinese Enterprises' for several consecutive years, achieving 218th place in 2023," and "ranking 6th in the 'State-Owned Enterprises Social Responsibility. Pioneer 100 Index," showcasing exceptional performance in terms of comparability.

#### Readability ( $\star \star \star \star \star$ )

The Report adopts a thematic framework that comprehensively presents BG's vision of "For a Better City" through the core values of original intent, modern management, extensive collaboration, employee care, environmental protection, technological innovation, workplace safety, and internal control. It systematically showcases BG's commitment to sustainable urban development. The integration of QR codes extends the content visually, enriching the Report. The cover design features a realistic style, incorporating distinctive elements such as the BG building, Shougang Bridge, and other urban motifs, providing an immersive reading experience. Each chapter features large images reflecting the Company's business characteristics, with narrative introductions and key performance indicators embedded to enhance recognizability and facilitate readers' quick understanding of the chapter content, demonstrating exceptional readability performance.

#### Creativity $( \star \star \star \star \star \star)$

The Group has developed the Guiding Opinions of Beijing Enterprises Group on Improving ESG Data Quality and other social responsibility manuals to further enhance the social responsibility management systems. It actively participates in report ratings to strengthen the standardization and credibility of its CSR efforts. The Report features a "stakeholder testimonial" section, strengthening both its communicative power and credibility. Additionally. each chapter includes a distinctive "BG's Solutions for Urban Sustainable Development"

#### Overall Rating (★★★★★)

Upon evaluation by the Rating Team, the ESG Report 2023 of Beijing Enterprises Group Company Limited is rated as a five-star and an excellent CSR report.



The Environmental, Social and Governance (ESG) Report of Beijing Enterprises Group Company Limited has been awarded a 5-star rating for the tenth consecutive year.

#### IV. Suggestions for Improvement

More industrial core indicators should be disclosed to enhance the completeness of the Report.

Huang Ounhui

Vice Chairman of the Chinese Expert Committee on CSR Report Rating

Zhang Hongzhong Zhang Cong Expert of the Rating Tean Leader of the Rating Team

Date of Issuance: July 22, 2024



Scan the OR code to view the enterprise's rating file

### Feedback

#### Dear readers.

Thank you for taking the time to read the Report. We highly value and greatly appreciate your feedback on BG's environmental, social, and governance management, practices, and reporting. To further improve our work and better align our future reports with your expectations, we invite you to kindly complete the questionnaire below and return it to us by email. Please be assured that we will treat your opinions and suggestions with the utmost seriousness, and your information will be kept confidential and protected from third-party access.

#### Your Information

N	ame:	_
Т	el.:	_
	ompany/Organization:	
E	mail:	

#### **Your Comments**

(Please tick " $\sqrt{}$ " in the appropriate box) 1. Please rate how well the Report reflects BG's significant impacts on the economy, society, and environment: O Very good O Good O Average O Poor O Very poor 2. Please rate how effective the Report address and disclose stakeholder concerns: ○ Very good ○ Good ○ Average ○ Poor ○ Very poor 3. Please rate the clarity, accuracy, and completeness of the information, indicators, and data disclosed in the Report: ○ Very good ○ Good ○ Average ○ Poor ○ Very poor 4. Please rate the readability of the Report: ○ Very good ○ Good ○ Average ○ Poor ○ Very poor 5. What is your overall evaluation of the BG 2023 ESG Report: ○ Very good ○ Good ○ Average ○ Poor ○ Very poor 6. What suggestions do you have for BG's ESG efforts?

7. What deficiencies do you see in the Report?

8. What valuable ESG information did the Report provide you?

9. What additional ESG information would you like to see disclosed in future reports?





Scan the QR code to share your valuable feedback

ESG Reports of BG and its listed subsidiary enterprises included in the consolidated statements

### **BEIJING ENTERPRISES GROUP ESG REPORT**



2023



2022



2021

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2020

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社会责任报告

2016

DGan 1388888890



2019

2018







BEHL





**BE Environment** 

BEWG



BEUR

**Beijing Properties** 



Climate Action Progress Report of BEHL

Yanjing Beer

Beijing Gas Blue Sky Holdings Limited 北京然東京大社設有限公司

Beijing Gas Blue Sky

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