



江蘇寧滬高速公路股份有限公司  
JIANGSU EXPRESSWAY COMPANY LIMITED

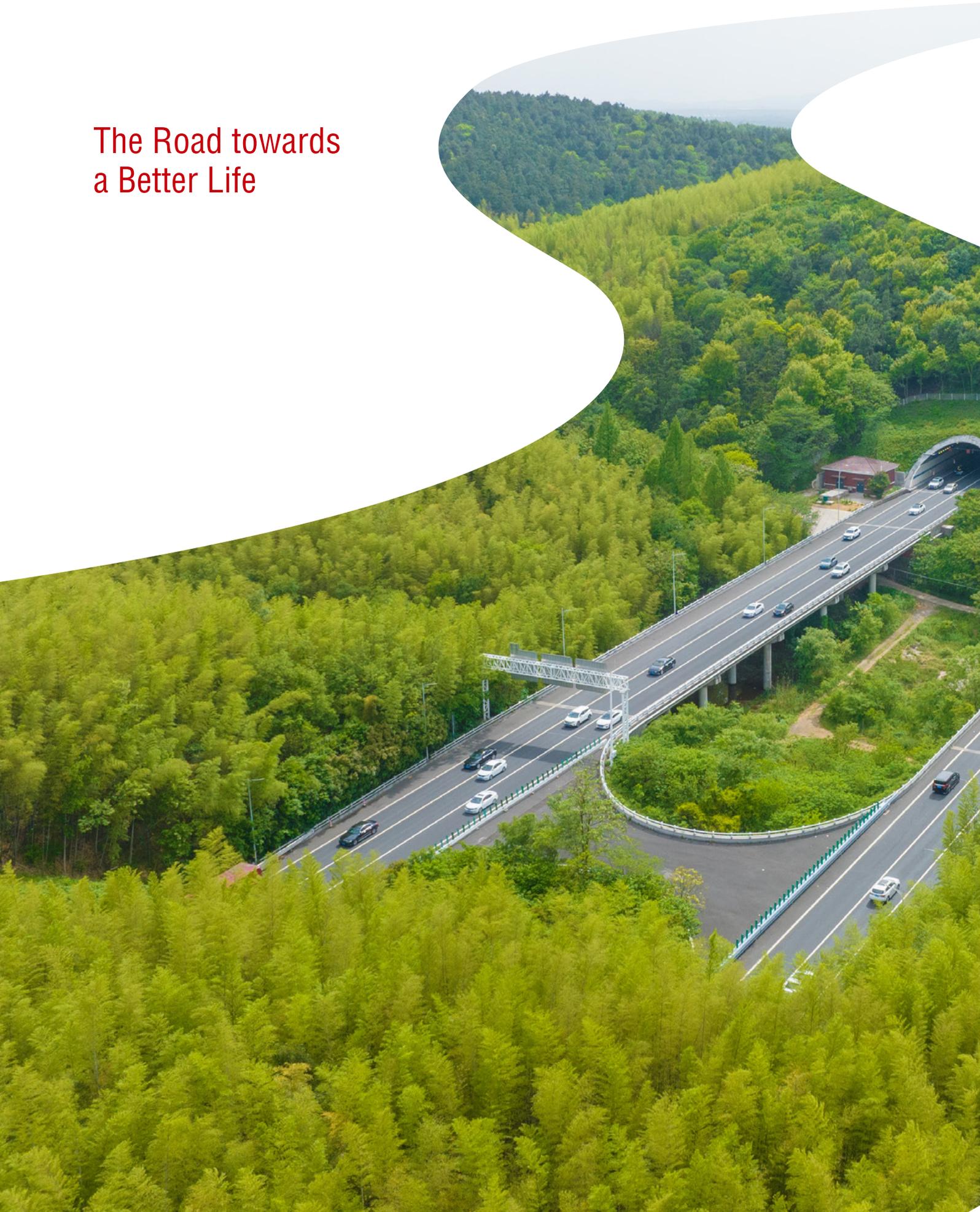
# 2023

## Environmental, Social, and Governance Report



The Road towards a Better Life

# The Road towards a Better Life



# Contents

01 **Board Statement**

03 **Message from the Chairman**

05 **About Us**

05 Company Profile

05 Honors and Highlights

06 ESG performance

07 **Being Committed to Robust Development**

09 Corporate Governance

12 Compliant Operation

15 Risk Management

16 Business Ethics

21 Empowerment Through Party Building

22 ESG Management

25 **Pioneering a Low-Carbon Future**

27 Climate Response

33 Environmental Management

41 Ecological Care

45 **Embracing High-Quality Life**

47 High-Quality Expressways

57 Reassured Travel

60 Win-win Partnerships

62 People First

67 Social Contribution

70 **About This Report**

71 **HK-ESG Content Index**

75 **Feedback Form**



# Board Statement

The Board of Directors of Jiangsu Expressway highly values the sustainability management. It has established an effective environmental, social and governance (hereinafter referred to as “ESG”) management mechanism and formed an ESG governance framework with clear levels and division of labour to comprehensively guide and monitor the Company’s ESG-related work and risks, including those related to climate change.

The Company entrusts the Strategy Committee under the Board of Directors to lead its ESG efforts and make relevant decisions, guide and manage ESG practices, identify and evaluate major ESG issues within the business scope to ensure conformity with the relevant laws and regulations. The committee also review and supervises the management team in terms of ESG targets, formulates and improves policies and translates them into actions. In light of social-economic environment and its development strategy, the committee evaluates the materiality of development, environment, employee rights, work safety and other ESG issues, manages key issues and sets them as priorities of the year.

As the designated department overseeing the Company’s ESG initiatives, the Office of the Secretary to the Board formulates relevant management and implementation plans, supports the Strategy Committee in comprehensively governing ESG activities, reviews progress of management plans, monitors and guides its functional departments, branches and subsidiaries to earnestly implement relevant plans, and reports progress regularly to the Board, Strategy Committee, and the Company’s management, in a bid to review the Company’s overall ESG performance.

In 2023, the Board of Directors was debriefed and deliberated on the Company’s *Environmental, Social, and Governance (ESG) Report* and the annual report for ESG and climate-related work. The Board examined the latest trends, regulatory requirements, strategy implementation and performance, external stakeholder requirements, and recommendations within five critical domains of social responsibility, i.e., innovation, safety, smooth transportation, environmental protection, and social welfare. In addition, the Board evaluated progress towards the established ESG objectives, reviewed, discussed, and acknowledged the achievements of 2023, and determined 2024 environmental goals and set out relevant plans.





五峰山大桥

# Message from the Chairman

陈云华

Secretary of the Party Committee and Chairman  
Jiangsu Expressway Company Limited



The year 2023 marked the start of fully implementing the guiding principles of the 20th CPC National Congress and an important inaugural phase for building China into a modern socialist country in all respects. Rooted in the transportation sector, driven by reform and innovation, and aimed at fulfilling the growing aspirations of the people for a better life, everyone at Jiangsu Expressway was united in the ambition to build the Company into a benchmark listed road and bridge company, a window of the best of Jiangsu's expressways, and a world-class enterprise. Earnestly shouldering our responsibilities and mission as a leader in the channel economy, we approached challenges with confidence and self-reliance. We made unremitting efforts and forged ahead bravely, achieving hard-won results.

**Paving our way through obstacles to deliver first-class expressways.** We established 1 internationally recognized demonstration service area, completed 4 pairs of service areas that feature “refined, exquisite, and premier service”, and made substantial enhancements in service quality and capabilities of service areas. We invested in the construction of Longtan Bridge, the Longtan Bridge North Connection, and the southern expansion of Wuxi-Yixing Expressway. Leveraging digital technologies, we promoted smart solutions like charging robots and fueling with ETC contactless payments. Also, we utilized “AI Square” and intelligent lane management to better fulfill the public's need for convenient travel. Furthermore, we pioneered smart maintenance techniques and expanded the use of “smart unmanned swarming technology” to craft a transport system that earns public satisfaction.

**Leading a journey of carbon reduction efforts to steadily advance green transformation.** We carried out the nation's significant decisions on achieving carbon peak and neutrality. We led the way in service area operations, accelerating the promotion and adoption of energy-saving and carbon-reduction technologies, as well as green maintenance equipment. We achieved full recycling of pavement materials and actively worked towards establishing the first zero-carbon service area. In the “transportation + energy” sector, we wholeheartedly pursued smart and “photovoltaic+” transformations. The Xianrenshan Service Area launched the first new energy vehicle charging and battery swap station on expressways in Jiangsu, and the Huanglishu Service Area introduced liquid-cooled supercharging piles, establishing provincial benchmarks for low-carbon highway construction.

**Spreading love through fulfilling social responsibilities.** We aimed for excellence in “ensuring smooth, safe, and superior services,” strengthening our work safety management systems and safeguarding journeys with dedication and responsibility. We broadened our service outreach and enhanced our volunteer activities. The Xianrenshan Service Area was acknowledged as one of the second batch of “Provincial Standard Stations in Transportation Volunteer Services in 2023.” Our commitment extended beyond transportation, earning us a spot on the list of “2022 Model Enterprises for CSR Practices in Jiangsu Province” through our warm-hearted services to drivers and passengers in 2023.

**Breaking new grounds with dedication and perseverance.** As we venture into 2024, the 75th anniversary of the People's Republic of China, a pivotal year for achieving the goals of the 14th Five-Year Plan, and a critical time for ourselves to overcome development hurdles, boost momentum, and build strengths, we are united in our founding mission to provide outstanding transportation services to the public. We are dedicated to innovating in and perfecting “transportation that satisfies the people”, striving to set high-quality standards in expressway construction and operations.

# About Us

## Company Profile

Established in August 1992, Jiangsu Expressway Company Limited is the only joint stock company listed in both Shanghai and Hong Kong under the control of Jiangsu Communications Holding Company Limited (hereinafter referred to as “Jiangsu Communications Holdings”) and having shares traded in three cities (Hong Kong, Shanghai and New York), and the only listed road and bridge company in Jiangsu Province. The Company is principally engaged in the investment, construction, operation and management of the Jiangsu section of Shanghai-Nanjing Expressway, and toll roads within Jiangsu Province owned or invested in by the Company, as well as the development of other fields (including transportation plus, new energy business and the financial industry that promotes industry development through financing). Currently, the Company is expanding its businesses such as infrastructure construction, financial investment and gradually realize the transition of industrial upgrading and coordinated development of auxiliary business.

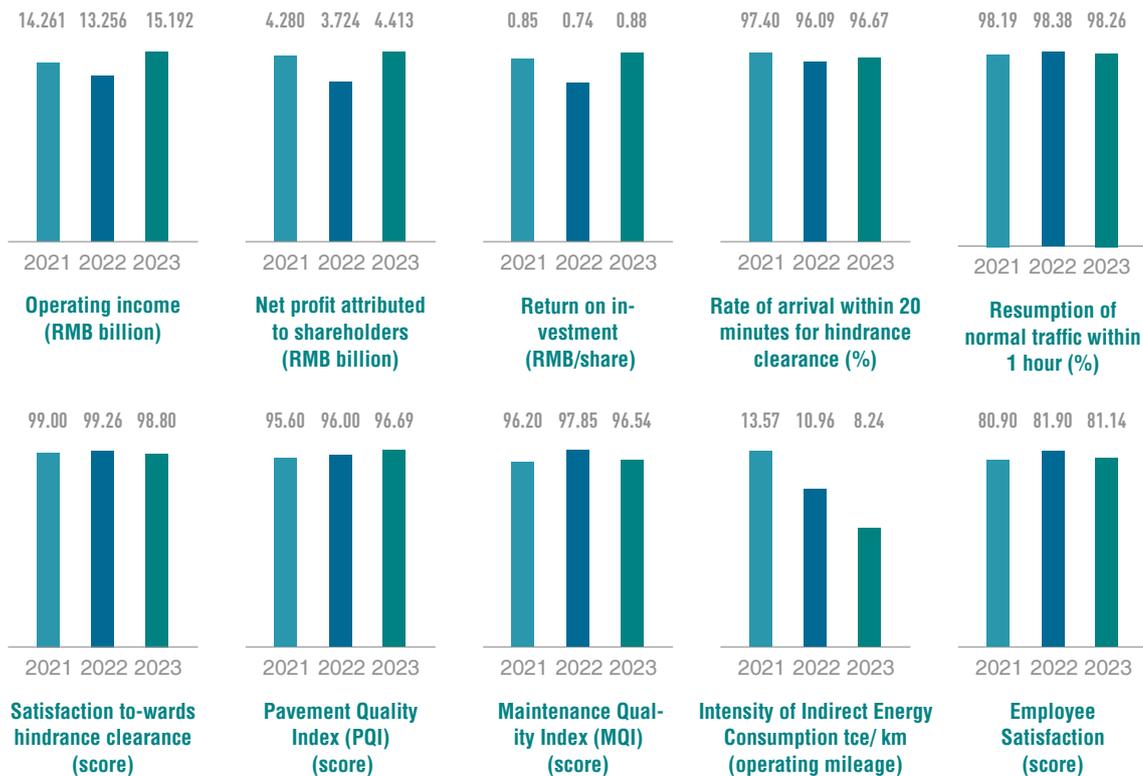
As of December 31 2023, the Company had 7 wholly-owned subsidiaries, 4 non-wholly owned subsidiaries and 9 associates and joint ventures, and indirectly had 10 wholly-owned subsidiaries, 8 non-wholly owned subsidiaries and 6 associates and joint ventures. Its total assets amounted to approximately RMB 78.661 billion, and net assets attributable to shareholders of the listed company reached approximately RMB 33.987 billion. It had a total of 4,754 employees.

## Honors and Highlights

Honor/Award/Title	Issuer
2020-2021 National Outstanding Organization in the Transport Sector for Civilization Progress, received in 2023	Ministry of Transport
Xianrenshan Service Area was acknowledged as one of the second batch of “Provincial Standard Stations in Transportation Volunteer Services” in 2023.	Department of Transport of Jiangsu Province
Five pairs of service areas—Yangcheng Lake, Meicun, Maoshan, Fangmaoshan, and Guangling (Yangzhou) Service Areas—were recognized as the first batch of Outstanding Jiangsu Expressway Service Areas for Civilization Progress in 2023.	Department of Transport of Jiangsu Province, Jiangsu Provincial Office on Building Spiritual Civilization, and Jiangsu Communications Holding Limited Company
Outstanding Contributor to the 2023 Work Safety Month of Jiangsu Province	Office of the Work Safety Commission of Jiangsu Province
The Free-Flow QC Team of Wufengshan Management Office won the Second Prize for 2023 Outstanding QC Team Achievements in the Transport Sector in Jiangsu Province for its research project, <i>Development of Self-Elevating Smart Warning Signs</i>	Jiangsu Association for Quality
The Zitong Gaoqiao QC Team of Wufengshan Management Office received 2023 Gold Award at the International Convention on Quality Control Circles (ICQCC) and 2022 QC Achievement Promotion and Application Award in the Transport Sector in Jiangsu Province	China Association for Quality, Jiangsu Association for Quality
2023 1 <sup>st</sup> of May Labour Certificate of Award of Jiangsu Province	Jiangsu Federation of Trade Unions
2023 Pioneering Worker of Jiangsu Province	Jiangsu Federation of Trade Unions
Second Prize in the 30th Enterprise Management Modernization Innovation Achievements of Jiangsu Province (2023) for the “R&D and Management of Anti-Corruption Digital Platforms of Expressway Companies for Boosting Risk Resilience and Control”	Jiangsu Provincial Examination and Approval Committee for Enterprise Management Modernization Innovation Achievements
Won 25th Golden Bull Awards for Listed Companies – Most Valuable Investment, Outstanding Entrepreneur, Top 100 ESG Listed Companies	China Securities Journal, Nantong Municipal People’s Government

Honor/Award/Title	Issuer
Received "Golden Round Table" – Outstanding Contribution in Corporate Governance Award at the 18th Session of Board of Directors of China Listed Companies, 2023	China Association for Public Companies, <i>Directors &amp; Boards</i>
Named Best Practice of the Board of Directors of Listed Companies in 2023	China Association for Public Companies
Listed among 2022 Model Enterprises for CSR Practices in Jiangsu Province in 2023	Xinhua News Agency
Won 2023 National Enterprise Innovation Cases in Legal Construction and Compliance Management for "Empowering High-Quality Corporate Development with Anti-Corruption Assisted Identification System"	Legal Daily
Rated A-level (Excellent) in 2022-2023 Information Disclosure Evaluation for Listed Companies on the Shanghai Stock Exchange	Shanghai Stock Exchange
Selected as one of the 2023 Outstanding Transportation Enterprise for ESG Best Practices	China Association of Communication Enterprise Management
Received Four-Star Certificate in the 2023 ESG Report Rating of Transportation Enterprises	China Association of Communication Enterprise Management
Evergreen Award, 2023 GoldenBee Excellent CSR Report	GoldenBee ThinkTank
Won the award of 2023 Excellent Case of Integrity Culture in Jiangsu Communications Holdings for the case <i>Painting the Landscape of Integrity: Cultivating a Culture of Ethical Excellence</i>	Jiangsu Communications Holding Limited Company

## ESG performance



Note: Financial information such as total assets, net assets, operating income, net profit attributed to shareholders and return on investment covers Jiangsu Expressway, its 7 wholly-owned subsidiaries and 4 non-wholly owned subsidiaries.

# Being Committed to Robust Development

Jiangsu Expressway is dedicated to refining its corporate governance system. While practicing law-abiding and compliant operations, we enhance risk control both internally and externally, adhere strictly to business ethics, and incorporate ESG governance principles into management. This commitment to robust governance underpins the Company's long-term, stable development.





# Corporate Governance

The Company has established a comprehensive governance structure that fosters positive interactions with external investors. It ensures rational and clear decision-making processes to mitigate the risks of non-compliance and promote a sound, orderly and sustainable development environment.

## Governance structure

The Company has strictly complied with the listing rules and the relevant laws and regulations both at home and abroad. A well-defined governance structure consists of General Meetings of Shareholders, Board of Directors, Supervisory Committee and the Management. Each body operates with distinct yet complementary responsibilities, fostering a highly coordinated governing framework. The Company sets up a corporate governance mechanism characterized by clear lines of authority and standardized operation, and properly manages the Board of Directors, Shareholders' Meeting and Supervisory Committee. This ensures that all decisions are made in a fair and scientific manner.

The Company fully respects and safeguards the legitimate rights and interests of shareholders. We regularly convene the General Meetings of Shareholders in accordance with the Company's *Articles of Association*, *Rules of Procedure for General Meetings of Shareholders*, and other relevant regulations, standardizing the procedures and methods for conducting discussions and making decisions during these meetings. This ensures shareholders' participation and access to information in decisions concerning significant company matters as stipulated by laws, administrative regulations, and the *Articles of Association*.

The Company strictly adheres to its *Articles of Association* in the selection, appointment, and dismissal of directors, ensuring that the Board's significant role in major decision-making and operational management. Directors are elected by the General Meetings of Shareholders for a term of three years, with careful consideration given to factors such as gender, educational background, industry experience, and professional expertise to enhance the effective operation of the Board. In 2023, the Board has 13 members, including 5 independent directors and 1 female director.

In 2023

 **1** General Meetings of Shareholders held, with **18** resolutions approved

 **9** Board meetings, with **89** resolutions approved

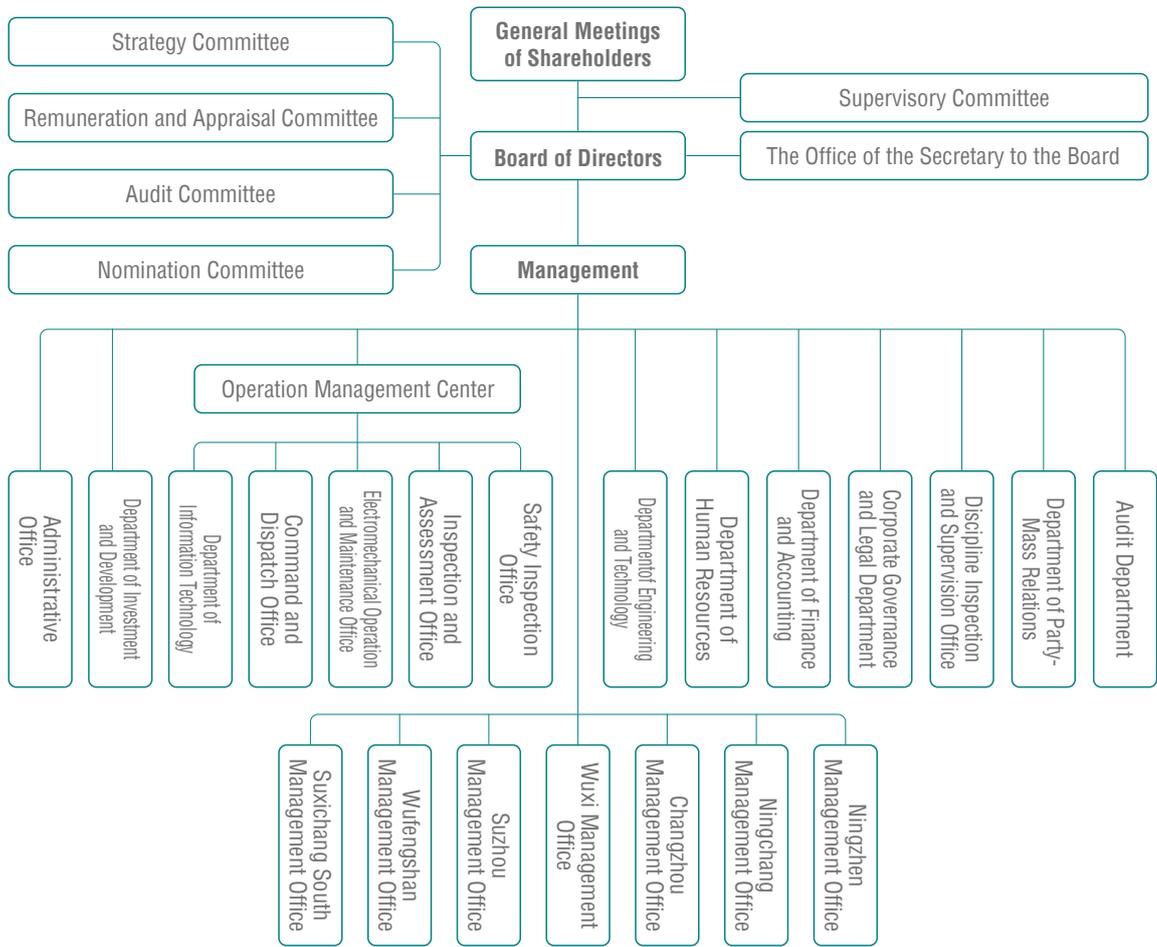
 **7** Supervisory Committee meetings, with **53** resolutions approved



The Audit Committee convened **6** meetings, the Nomination Committee convened **5** meetings, the Strategy Committee convened **5** meetings, and the Remuneration and Appraisal Committee convened **3** meetings

## Honors and Awards

 The Company was awarded as a **Best Practice of the Board of Directors of Listed Companies in 2023.**



Governance structure at Jiangsu Expressway

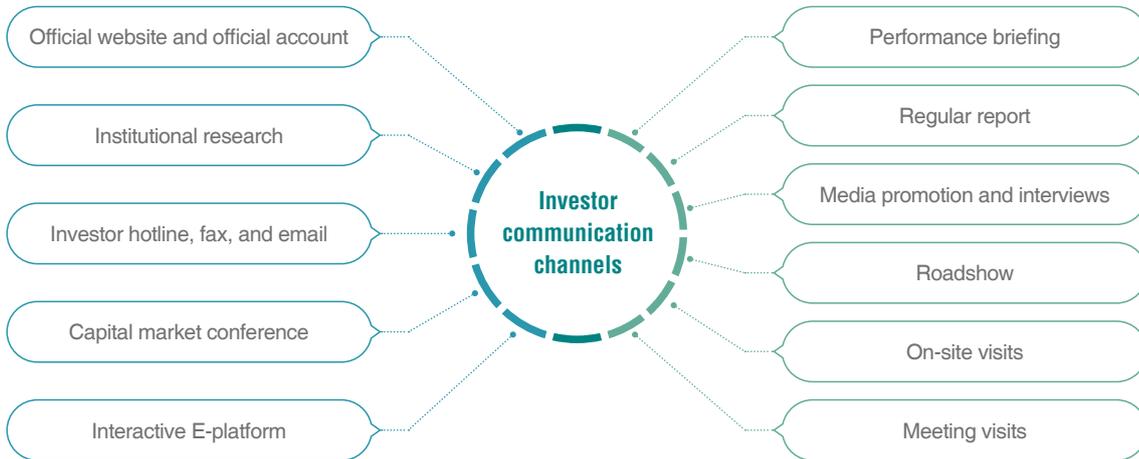
## Investor relations management

The Company strictly adheres to the *Company Law of the People's Republic of China*, the *Securities Law of the People's Republic of China*, as well as other relevant laws, regulations, and provisions. We have formulated the *Investor Relations Work System* to manage investor relations effectively, ensuring the protection of investor interests and maximizing both our corporate value and shareholder benefits.

The Company is committed to disclosing information to the public with integrity, precision, and completeness. We communicate with investors through various channels such as regular and ad hoc announcement, General Meetings of Shareholders, performance briefing, SSE E-interactive platform, and attending to investors' phone call inquiries. Our response rate to investors' questions is 100%. These engagement activities ensure a good, sufficient, and effective communication with investors, fostering their understanding and recognition of the Company, and forming a positive interaction mechanism.

In 2023

 **38** Brokerage Strategy Meetings and investor communication sessions, as well as **2** overseas road shows were held.



In September 2023, the Company participated in the collective annual results briefing for the Shanghai Stock Exchange's highway sector, engaging with investors through on-site communication, online live streaming, and interactive Q&A sessions etc.



Overseas road shows

# Compliant Operation

The Company has been advancing the construction of a comprehensive risk control system that involves the coordinated operation of legal affairs, compliance, internal control, and risk management. We have strengthened the pilot construction of coordinated operation in key areas such as labour and personnel matters, procurement, and tendering. The Company actively builds “Three Lists” for compliance management, strictly implements the requirements of “Three Legal Compliance Reviews” and “Dual Legal Compliance Reviews,” and promotes a leapfrog development in the management capability through compliance.

## Compliance management system

The Company implements a holistic approach to compliance management, developing the *Compliance Management Enhancement Action Implementation Plan (2023-2025)* to ensure thorough compliance across eight major areas: work safety, tax compliance, data privacy, ESG, human resources management, investment decision-making, tendering and procurement, and anti-corruption. This effort has resulted in a comprehensive, scientific, and operationally effective compliance management system.

### Case Triggering the initiative for implementing a collaborative compliance system

In March 2023, the Company launched a comprehensive training program for implementing the collaborative operation system, marking the third phase of our compliance construction efforts. Centered on critical aspects such as labour relations, procurement, and tendering, this training aims to establish a pilot program that integrates legal, compliance, internal control, and risk management functions. This training signifies the launch of our coordinated operation mechanism for legal, compliance, internal control, and risk management, playing a pivotal role in speeding up the journey towards becoming a world-class enterprise aligned with the best global practices in value creation.





### Honors and Awards

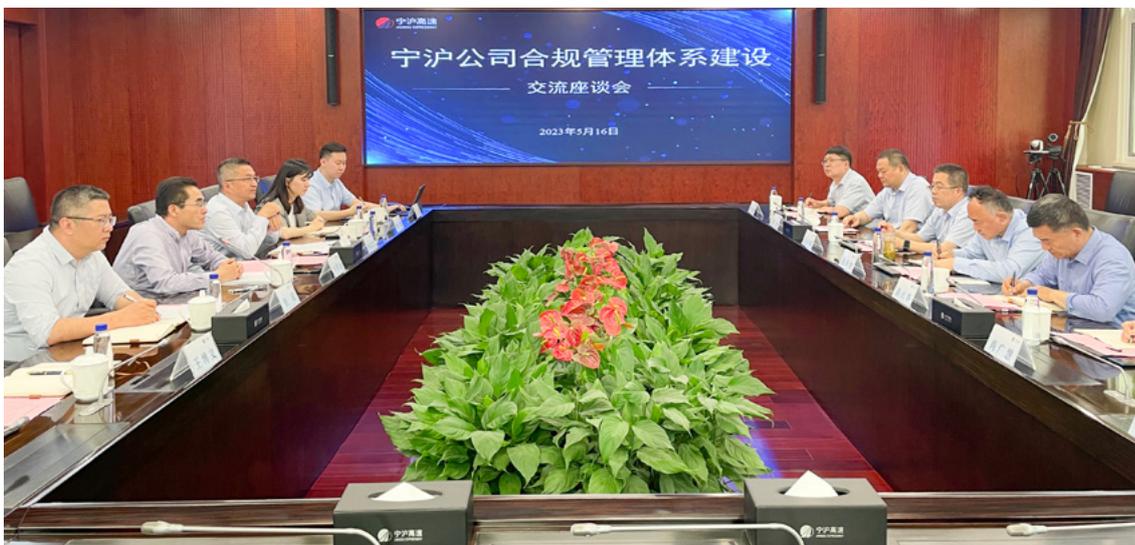
The Company was honored with the title of **“2023 Advanced Rule-of-Law Unit in the Highway Industry”** from the China Highway & Transportation Society for the consecutive year.

### In 2023

**428** economic contracts, **7** major decisions, and **50** rules and regulations were reviewed.



Communication between businesses and local authorities to advance the establishment of a compliance management system



Corporate dialogues aimed at leveraging enhanced compliance management to empower high-quality development

## Compliance culture fostering

The Company is committed to fostering a rigorous compliance culture as a listed company. By promoting the rule of law, and shifting from “passive compliance” to “active compliance” through organized compliance training programs, we ensure effective implementation across all compliance areas. We comprehensively enhance our lawful governance capabilities and lift employee legal awareness, thereby safeguarding the Company’s high-quality development. In 2023, we engaged nearly 100 employees from various levels in specialized legal compliance training on compliance management, legal affairs, contracts, and procurement, continuously improving our overall compliance management capabilities.



The annual legal compliance training in 2023

## Compliance information disclosure

The Company remains updated on regulatory requirements of the China Securities Regulatory Commission and the stock exchanges, fulfills our information disclosure obligations in accordance with the legal requirements, continuously improves and optimizes the information disclosure system and the supporting work processes, ensuring that information disclosure is truthful, accurate, complete, and timely. At the same time, we monitor capital market trends, compare announcements from 21 listed road and bridge companies in areas such as project operations, regular reports, securities firm research reports, key projects, and penalty cases, hold internal discussions on major cases to enhance the quality of announcement disclosures. In 2023, we disclosed the 2022 annual report, the 2023 interim report, and the quarterly reports on time, and simultaneously published more than 200 domestic and overseas announcements as required.

### Honors and Awards

- ✪ The Company received the highest grade **A** in the information disclosure assessment by the Shanghai Stock Exchange for the **fourth** consecutive year.

## Standardizing related party transactions

Strictly adhering to the *Company Law of the People’s Republic of China*, the *Self-Regulatory Supervisions Guidelines No.1 for Listed Companies of the Shanghai Stock Exchange-Standardized Operations*, the *Articles of Association*, the *Procedural Rules for the Shareholders’ General Meeting*, the *Procedural Rules for the Board of Directors*, the *Independent Director Working Rules*, the *Related Party Transaction Management System*, and other laws, regulations, and normative documents, the Company standardizes related party transaction behaviors, enhances the level of standardized operations of the Company, and safeguards investors’ legitimate rights and interests, especially those of small and medium-sized investors.

In 2023, in addition to the existing related party transaction/continuing connected transaction management system, the Company upgraded the “related party transaction” module in the business and financial system. We have newly added estimation for annual routine related party transaction, digitalizing the entire process from declaration, adjustment, submission of proposals and attachments to approval. Moreover, we have incorporated a “related party transaction” review at the project contract signing stage, mitigating potential risks associated with ordinary related party transactions.



# Risk Management

The Company leverages the synergy of legal affairs, compliance, internal control, and risk management mechanisms to ensure their effective implementation. By conducting pilot projects, the Company refines its compliance, risk, and internal control management “roadmap”, while simultaneously cultivating experience, building teams, and promoting wider adoption. Furthermore, the Company is committed to deepening the building of a comprehensive risk control system through collaborative efforts, all aimed at enhancing its overall risk control capabilities.

## Internal control

The Company continuously enhances its internal control evaluation mechanism and carries out activities themed by “Year of Internal Control Management Enhancement.” We have formulated the *Detailed Rules for Internal Control Management (Trial)* to meticulously review various internal control management processes. With a risk-oriented approach, the Company independently conducts internal control evaluations, conducting walk-through testing on key control points within critical business processes, to facilitate the organic integration of internal control management and risk control.

## Risk management

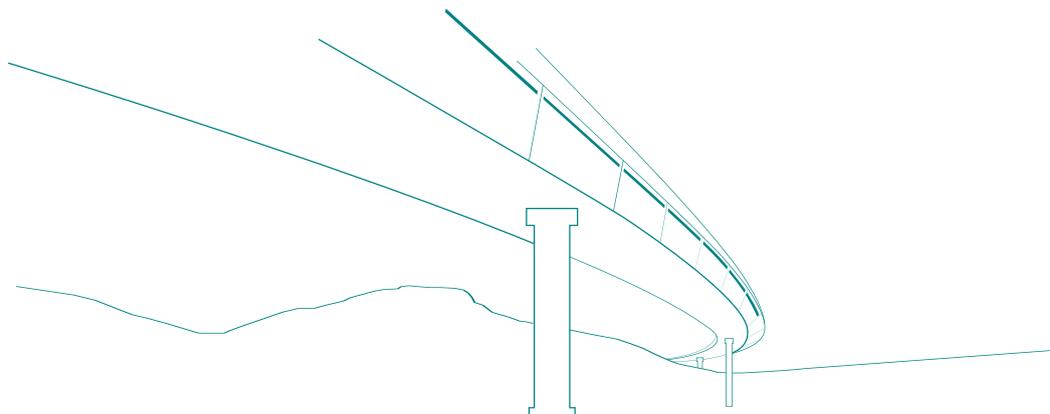
The Company has revised and improved the *Detailed Rules for Risk Management (Trial)* and conducted an in-depth risk management assessment in 2023, aiming to achieve full risk identification across all business units. Subsequently, a comprehensive risk management assessment report was generated. The report provided control recommendations for the top ten risks at the Company level for the years 2023 and 2024. These measures aim to strengthen the effectiveness and specificity of risk management, ensuring that the Company’s robust defense against systemic risks.

### Case



### Using technology to replace manual work and enhance risk control capabilities

Jiangsu Expressway has prioritized establishing an anti-corruption compliance program since its designation as one of the ten pilot units for compliance management system building by the Jiangsu Provincial Government State-owned Assets Supervision and Administration Commission in 2020. We have innovatively developed the “Anti-Corruption Auxiliary Identification System” and successfully upgraded to version 2.0 in 2023, focusing on bid and tender management. It was officially awarded the *Computer Software Copyright Registration Certificate* by the China Copyright Protection Center and honored with the second prize for the 30th Provincial Enterprise Management Modernization Innovation Achievement.



# Business Ethics

Jiangsu Expressway adheres to the principles of honesty and trustworthiness, strictly prohibiting any activities that could negatively impact our integrity and reputation. The Company upholds business ethics and fosters a favorable atmosphere of compliance with ethical standards.

## Anti-corruption management

We strictly abide by the relevant Chinese laws and regulations, such as the *Criminal Law*, *Supervision Law*, *Anti-Embezzlement and Bribery Law*, *Anti-Money Laundering Law*, *Self-discipline Guidelines of the Communist Party of China*, and *Provisions on the Integrity for Officials of State-Owned Enterprises*, to tighten supervision responsibility.

The Company is committed to establishing a sound “integrated supervision” system, exploring inspection methods, closed-loop supervision mechanisms, assessment and accountability mechanisms, and innovative management models. It actively engages in anti-corruption management, strengthens the development of the disciplinary inspection backbone team and the “Three Members” for frontline supervision, and conducts supervision of major engineering projects. These measures minimize integrity risks and decision-making risks, providing a strong guarantee for its high-quality development and ensuring its sustainable and healthy development. In 2023, neither the Company nor its employees were involved in any corruption or bribery litigation cases.

### Integrity regulations

In 2023, the Company convened its annual conference on full and strict Party governance. We required Party organizations at all levels to sign the *Commitment Letter for Party Governance*, reinforcing the primary responsibilities of Party organizations and the oversight duties of disciplinary inspection commissions. We revised and completed the *White Paper on Integrity Risk Prevention and Control (2023 Edition)*, intensifying efforts to combat emerging, subtle, and minor forms of corruption. We also introduced the *Integrity Risk Filing System for Jiangsu Expressway*, shifting the focus from post-incident investigation to pre-incident filing. This proactive approach established a closed-loop management system involving advance reporting, ongoing supervision, and post-incident leniency, providing strong regulatory support and practical guidance for managing and correcting faults.

We perform biannual inspection for integrated supervision to develop a “problem library” and have implemented a retrospective mechanism to ensure timely resolution of identified issues. This closed-loop management strategy moves our oversight and preventive measures earlier in the process, enhancing our proactive defense and supervision capabilities. In 2023, through integrated supervision aimed at pinpointing and resolving issues, we implemented 51 new regulations, revised 98, and abandoned 10. We streamlined our workflows and strengthened 63 control measures, ensuring the Company's robust and sustainable development.

### Integrity supervision mechanisms

### Culture of integrity

During significant holidays, we promptly send reminders to curb formalism, bureaucracy, hedonism, and extravagance. In 2023, we issued six group text messages to employees, published four interactive H5 contents and posters themed on integrity, and shared 52 educational resources weekly to our DingTalk learning group “Transparent Company, Prosperous Company.” We furthered our anti-corruption educational efforts using Tianwang and Xuejia Toll Stations as bases for integrity education. By the end of 2023, we had established 91 bases to promote a culture of integrity and conducted 367 engaging anti-corruption education activities, drawing 5,839 participants. These efforts have significantly reinforced our culture of integrity and transparency.

Case **Launching the First Integrity Culture Promotion Week**

In April 2023, the Ningchang Management Office organized the “Refreshing Breeze, Blooming Integrity” as the first Integrity Culture Promotion Week at the Tianwang Toll Station, the Jiangsu Expressway’s integrity education base. The event comprised five main sections: “Praising Integrity”, “Nurturing Integrity”, “Painting Integrity”, “Writing Integrity”, and “Appreciating Integrity”. The event inspired all cadres and employees to champion integrity culture and self-discipline. This would not only reinforce the development of integrity culture in the modern era but also advance the full and strict Party discipline at the frontline level, ensuring its firm and effective implementation.

In 2023



We paid RMB **1,498.14** million in taxes



We conducted **2** “integrated supervision” inspections



Convened **1** work meeting on full and strict Party discipline



Organized a training session for key personnel in disciplinary inspection and supervision across the Company, with nearly **40** participants



Promoting the construction of “Sunshine Project” of C5 Hotel Project in Huaqiao through solid supervision of stationed discipline inspection.



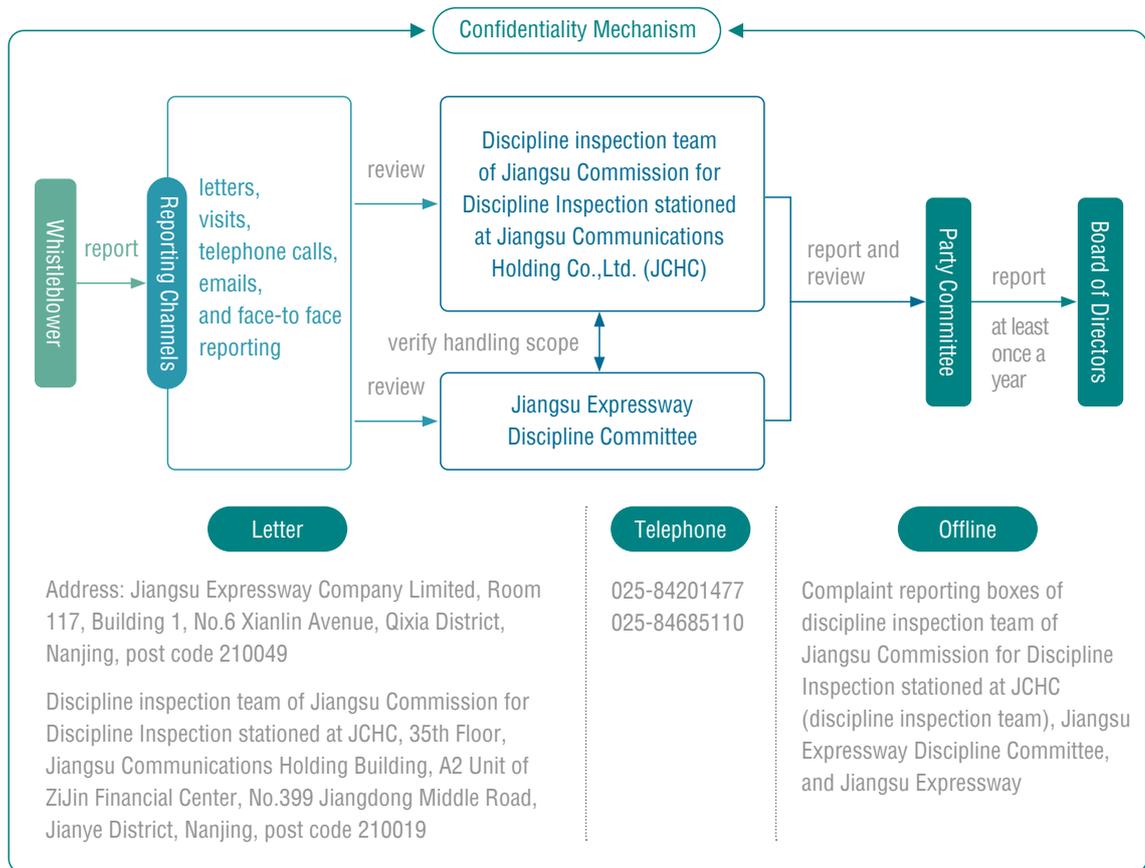
The Wufengshan Management Office’s integrity culture education base by combing “platform building and thematic activities”.



Special research on discipline inspection and “integrated supervision” review

## Whistleblower protection

The Company continues to open up supervision and reporting channels, publish reporting telephone, reporting mail-boxes, address for reporting letters, etc., members of the public can Report on the Company and its employees, and the strict implementation of the *Interim Measures for the Work of Letters and Visits and Reports*, standardize the Company's acceptance of the report procedure, to protect the rights and interests of the informant and the reported information. Any form of retaliation or reprisal against complainants is strictly prohibited. The Company treats all complaints and reports seriously and, when necessary, takes appropriate measures after conducting thorough investigations. In 2023, the Company received and handled a total of eight complaints and reports. Through a closed-loop management process involving research and discussion, plan formulation, investigation and verification, and feedback and resolution, the Company held cautionary talks and took disciplinary actions in accordance with regulations against relevant parties and individuals found to have violated disciplinary and regulatory standards.



Internal reporting processing procedure

## Fair competition

The Company strictly adheres to relevant laws and regulations such as the *Anti-Monopoly Law of the People's Republic of China* and the *Law of the People's Republic of China Against Unfair Competition*. We firmly oppose any form of unfair competition and refrain from engaging in practices that hinder trade, restrict fair competition, or exclude others based on market position. We advocate voluntary, equal, fair, and honest principles, as well as recognized business ethics in our competitive engagements. The Company actively promotes and implements fair competition policies, treating suppliers of different scales equally and avoiding any unreasonable restrictions or requirements. We actively seek to expand our supplier base, providing equal opportunities and platforms for suppliers. Our goal is to create a vibrant and orderly business environment, uphold fair competition in the industry, promote healthy competition, and achieve win-win development.

## IPR protection

We highly value intellectual property rights (IPR) protection. We are committed to diligently pursuing legal applications or registrations for our new inventions and creations, ensuring that we acquire IPR through lawful means. Additionally, we acknowledge and respect the IPR of others. If necessary, we proactively seek agreements or licenses with the rights holders for the use of their IPR. Unauthorized use or infringement of others' IPR, including pirated software, is strictly prohibited.



The Real-time Monitoring System for License Plate Recognition Rate Indicator of the Shanghai-Nanjing Expressway (V1.0) and the Monitoring System for Equipment Operation at Shanghai-Nanjing Expressway Toll Stations (V1.0), independently developed by "Spark" Operation and Maintenance Team of the Suzhou Management Office, awarded the Computer Software Copyright Registration Certificate by the National Copyright Administration

## Information security and privacy protection

The Company continuously improves and enhances its network security management system. It has established a Network Security Working Committee which is responsible for internal network security and customer information security. Relevant regulations such as the *Network Security Management Measures*, *Management Measures for Information Work*, *Detailed Rules for Data Management*, and *Management Measures for Operation and Maintenance of Information Systems* have been revised. Network security responsibilities have been enhanced and incorporated into the employee performance assessment system. The Company strengthens network information security training and emergency drills, conducts third-party vulnerability analysis, and ensures the security and reliability of information exchange and storage. When a suspicious situation is found, the Company shall report the information in strict accordance with the *Implementing Rules for Network Security Information Notification Work of Jiangsu Expressway Company Limited*.

In 2023, the Company conducted a total of 10 specialized inspections, identifying 71 issues, all of which were rectified respectively. These measures were instrumental in ensuring the smooth operation and security of significant events such as festivals, national and provincial “Two Sessions”, and the 19th Asian Games Hangzhou. As a result, the Company successfully improved its network security defenses. Notably, there were no incidents of personal data or company information leakage, achieving a zero occurrence of network security events. Furthermore, we established policies for safeguarding and preserving the personal data and privacy of drivers and passengers. We consistently reinforced information security training and implemented proper management practices for user data related to drivers and passengers. These measures ensure the security of information and, if necessary, strict management procedures are followed for information retrieval to prevent any unauthorized disclosure or misuse of data. Throughout 2023, the Company received no complaints related to breaches of customer privacy.

### Case Leveraging the “Add, Subtract, Multiply” Approach to advance network security efforts

During the 10th National Cybersecurity Awareness Week, Jiangsu Expressway demonstrated our innovative thinking through the “add, subtract, multiply” approach. We “added” comprehensive checklists (institutional, content, response and pin checklists) to strengthen security. The operation and maintenance team proactively provided on-site services, conducted sudden inspections, and implemented the “one-to-N” inspection mode to “subtract” vulnerabilities. Additionally, we “multiplied” our efforts through extensive awareness campaigns, proactive skill training, and emergency drills. These multi-faceted initiatives have effectively raised the network security consciousness of all employees, solidifying our digital defenses and establishing robust network security barriers.



A symposium on “Internet Security Discussion” at the Ningchang Management Office

## Empowerment Through Party Building

The Company intensifies its efforts in developing a governance model that combines outstanding Party building efforts and modern state-owned enterprise (SOE) operations, focusing on ideological guidance, improvement of development, quality and efficiency, and pursuit of excellence. We earnestly consolidate the six major Party building systems, leading and securing high-quality corporate growth with high-quality Party building. Meanwhile, we start from developing a system that integrates Party building with survey. Staying problem-oriented, we combine survey with the pursuit of high-quality development, and have conducted thorough investigations on 9 topics at the primary level. This effort has resulted in one high-quality survey report, and the distillation and refinement of five best practices in primary-level Party building.

### Case **Bolstering Party building to navigate business challenges**

The Suzhou Management Office harmonizes the planning, deployment, and execution of Party building initiatives with its core business, infusing Party building elements to key operations to achieve meaningful breakthroughs and gain exemplary “Party building+” achievements. To ensure the safety, environmental stewardship, and control of bridge demolition activities, by leveraging the collective strength of the Party building network, the office embeds the Party building philosophy to relevant practices to support, serve, and guarantee work safety. It conducted a research project named *Comprehensive Technical Research on High-Speed Installation and Construction of Large Span Double-Layered Steel Truss Beams*, which is aimed at solving specific technical challenges faced in construction. The office pioneers a primary-level “Party building+” model with distinctive Suzhou characteristics, transitioning from localized practices to a broader implementation framework.



Leveraging joint Party building efforts to inject vitality into the Party building framework of SOEs in the new era

# ESG Management

Jiangsu Expressway has fully integrated the ESG concept into the Company's strategic revision and daily management practices, promoting a deep integration of ESG governance with daily corporate management. In addition, through implementing an ESG strategy of "green, low-carbon, win-win, and sustainable development", we actively engage in ESG management and disclosure work, showcasing our commitment to sustainable development principles.

## ESG integration

Committed to our corporate mission of providing more premium services for the public to facilitate a better life, we integrate the ESG concept with the overall strategy of "creating a world-class enterprise" and align it with the overall development strategy set for the "14th Five-Year Plan" period. The Company is committed to establishing and improving a comprehensive compliance management system with the organizational system, institutional system, operational mechanisms, and cultural system as the main components, supported by closed-loop management of rectification and accountability and information technology infrastructure. This has promoted the Company's transformation into a leading domestic and internationally renowned expert in infrastructure investment and operation, dedicated to creating a better life and achieving high-quality and sustainable development.

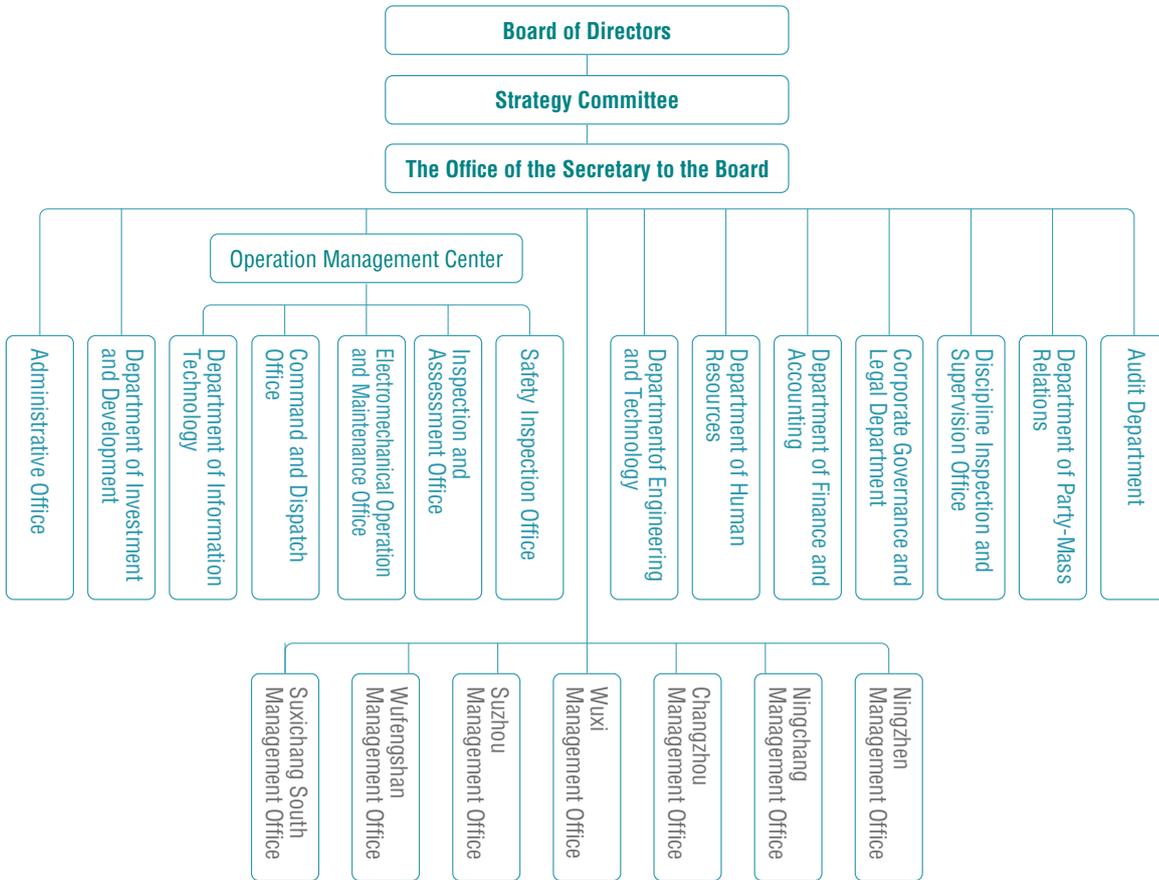
## ESG governance structure

The Board of Directors serves as the highest decision-making body for ESG issues. In line with the Company's operational realities and stakeholder demands, it is responsible for overseeing and supervising the risks and opportunities related to ESG issues. In addition, it is tasked with strengthening the regulation and decision-making processes of ESG issues, conducting reviews according to ESG objectives, and auditing the publication of ESG reports and information disclosure.

The Strategic Committee serves as the supervisory body for ESG issues. It is responsible for identifying, evaluating, and managing significant ESG risks and opportunities in accordance with the strategic guidelines set by the Board of Directors. Meanwhile, the committee formulates ESG management policies, strategies, and objectives, regularly monitors ESG performance and progress towards ESG goals, and supervises the publication of ESG reports and information disclosure. It also reports the results of ESG work directly to the Board annually, subject to their supervision and regular reviews.

The Office of the Secretary to the Board serves as the specific management department for ESG issues. It regularly reports on ESG management and performance, and communicates the Board's ESG decisions to all departments and subsidiaries, thus promoting the implementation of ESG strategies and objectives. In addition, it is responsible for identifying material ESG issues, collecting ESG data and information regularly and coordinating the preparation of ESG reports to ensure the regular publication of ESG reports.

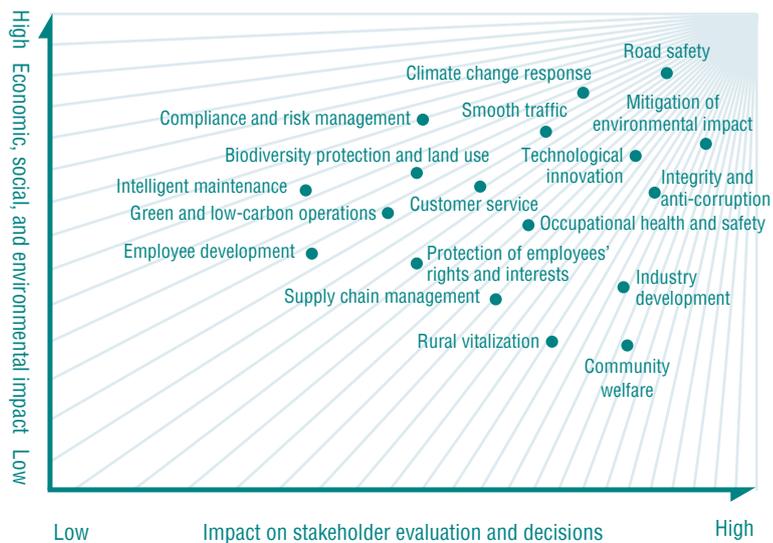
All functional departments of the Company provide a solid foundational support for the coordination of ESG issues, cooperating to ensure the implementation of the ESG tasks of each department.



ESG governance structure

## Management of material topics

Concentrating on multiple areas, including core indicators, strategy implementation, innovative development, sustainable development, governance efficiency, joint construction and shared benefits, and system construction, and examining outstanding domestic and international companies, the Company evaluates associated risks and opportunities and has identified 18 material topics based on our strategic changes in 2023. Our management, with the input of external experts, re-analyzed and prioritized the identified topics, creating a materiality matrix of these topics based on the two dimensions of “significance of economic, social, and environmental impact” and “influence on stakeholder assessment and decisions”.



Materiality matrix

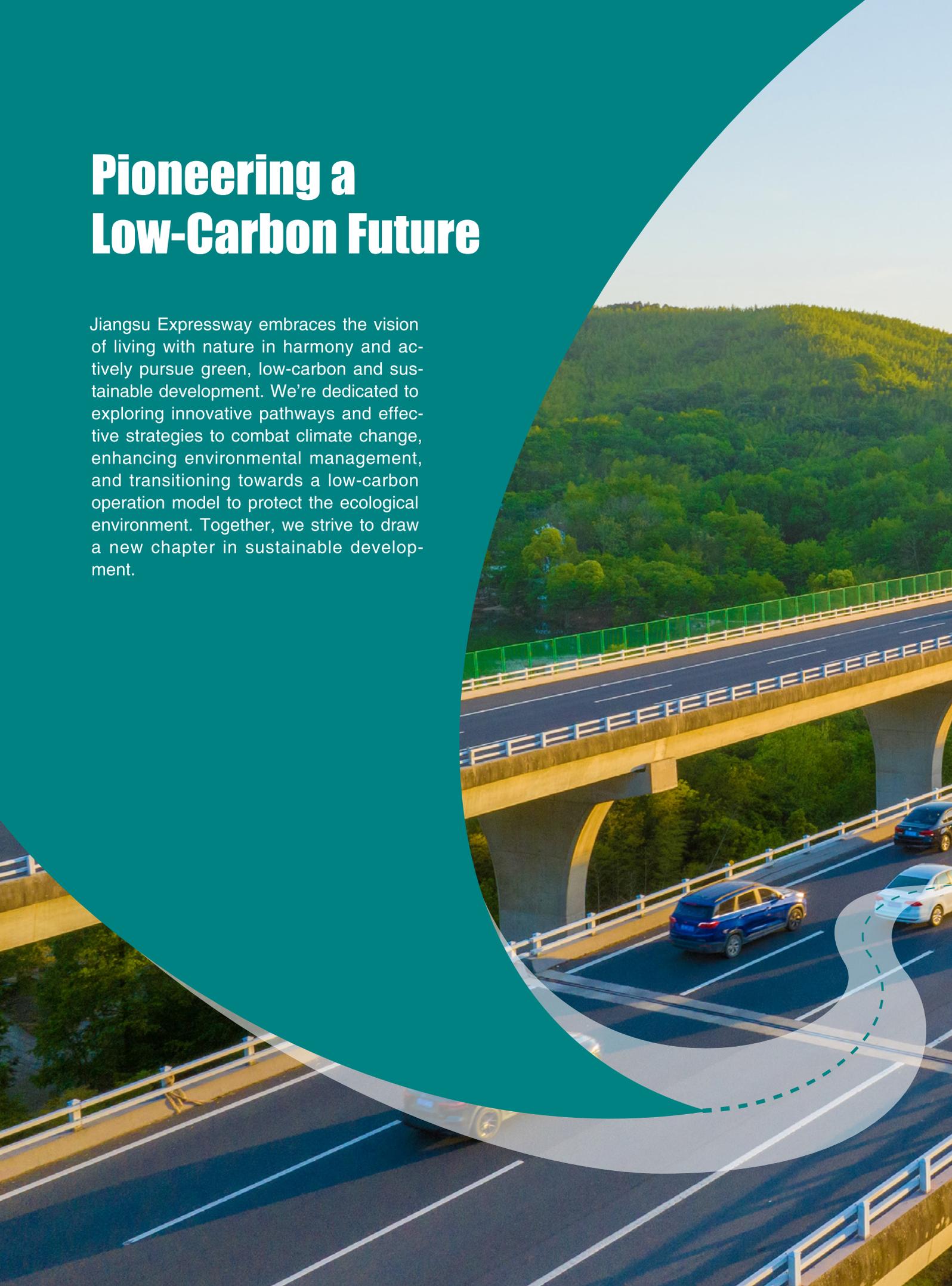
## Stakeholder engagement

Highly valuing the communication with internal and external stakeholders, the Company has established diversified communication channels and feedback mechanisms to actively track and respond to the demands of stakeholders, promoting continuous improvement of social responsibility management.

Stakeholders	Major topics	Expectations and demands	Engagement methods
Customers (passengers and drivers)	<ul style="list-style-type: none"> <li>Smooth traffic</li> <li>Quality services</li> <li>Safe traffic</li> <li>Easy access to comprehensive traffic information</li> </ul>	<ul style="list-style-type: none"> <li>Smooth, flat and comfortable roads</li> <li>Diversified services at service areas</li> <li>Good service and fast passage at toll stations</li> <li>Timely and efficient road rescue and hindrance clearance</li> <li>Timely and complete information disclosure and easy access to information</li> </ul>	<ul style="list-style-type: none"> <li>Feedback on services rendered</li> <li>Field research at the service areas</li> <li>Online surveys</li> <li>Telephone interviews</li> </ul>
Local governments and regulatory authorities	<ul style="list-style-type: none"> <li>Operating performance</li> <li>Regulatory compliance</li> <li>Smart transportation</li> <li>Serving socioeconomic development</li> </ul>	<ul style="list-style-type: none"> <li>Value maintenance and appreciation of state-owned assets</li> <li>Serving the government's working plans and socioeconomic development</li> <li>Promoting the development of smart transportation</li> <li>Abiding by national and local policies and regulations; paying taxes according to law</li> <li>Compliance and integrity</li> <li>Industry optimization and upgrading</li> <li>Industry experience sharing</li> </ul>	<ul style="list-style-type: none"> <li>Reporting and communication</li> <li>Patrolling</li> <li>Instructions</li> <li>Institutional documents</li> <li>Work meetings</li> <li>Annual reports</li> </ul>
Jiangsu Communications Holding Limited Company	<ul style="list-style-type: none"> <li>Regulatory compliance</li> <li>Risk management</li> <li>Operating performance</li> <li>Reform and transformation</li> <li>Smart transportation</li> </ul>	<ul style="list-style-type: none"> <li>Value maintenance and appreciation of state-owned assets</li> <li>Compliance and integrity</li> <li>Economic performance</li> <li>Sharing experience</li> </ul>	<ul style="list-style-type: none"> <li>Reporting and communication</li> <li>Work meetings</li> <li>Annual reports</li> </ul>
Securities regulatory authorities	<ul style="list-style-type: none"> <li>Transparent operation</li> <li>Information disclosure</li> </ul>	<ul style="list-style-type: none"> <li>Compliance with regulations of the stock exchanges</li> <li>Timely and high-quality information disclosure</li> </ul>	<ul style="list-style-type: none"> <li>Policy documents</li> <li>Reporting and communication</li> <li>Notices and announcements</li> <li>Annual reports</li> </ul>
Investors and creditors	<ul style="list-style-type: none"> <li>Return on investment</li> <li>Value maintenance and appreciation</li> <li>Risk prevention</li> </ul>	<ul style="list-style-type: none"> <li>Stable returns and dividends</li> <li>Exploring new profit growth points</li> <li>Reducing investment risks</li> </ul>	<ul style="list-style-type: none"> <li>Board meetings</li> <li>Annual reports</li> <li>Public announcements and road shows</li> <li>General meetings</li> </ul>
Partners (suppliers, contractors, road administrations, traffic police, etc.)	<ul style="list-style-type: none"> <li>Win-win results and mutual benefits</li> <li>Contract fulfillment</li> </ul>	<ul style="list-style-type: none"> <li>Maintaining stable cooperation</li> <li>Providing information on road conditions</li> </ul>	<ul style="list-style-type: none"> <li>Contracts and agreements</li> <li>Daily communications</li> </ul>
Industry counterparts	<ul style="list-style-type: none"> <li>Industry development</li> </ul>	<ul style="list-style-type: none"> <li>Experience sharing</li> <li>Promoting the healthy development of the industry</li> </ul>	<ul style="list-style-type: none"> <li>Industry conferences</li> <li>Visits and exchanges</li> </ul>
Employees	<ul style="list-style-type: none"> <li>Equal employment</li> <li>Career development</li> <li>Occupational health and safety</li> </ul>	<ul style="list-style-type: none"> <li>All-round welfare guarantee</li> <li>Smooth career development paths</li> <li>Diverse opportunities for development</li> <li>Safer and cozier working environment</li> <li>Caring for occupational mental health</li> </ul>	<ul style="list-style-type: none"> <li>Labour contracts</li> <li>Collective contracts</li> <li>Employee representative congress</li> <li>Employee satisfaction surveys</li> </ul>
Local communities	<ul style="list-style-type: none"> <li>Environmental impact management</li> <li>Low-carbon operation</li> </ul>	<ul style="list-style-type: none"> <li>Reduction of road noise</li> <li>Protecting local ecological environment</li> </ul>	<ul style="list-style-type: none"> <li>Visits</li> </ul>
The public media	<ul style="list-style-type: none"> <li>Open and transparent information</li> </ul>	<ul style="list-style-type: none"> <li>Timely disclosure of significant information</li> </ul>	<ul style="list-style-type: none"> <li>Interviews</li> </ul>

# Pioneering a Low-Carbon Future

Jiangsu Expressway embraces the vision of living with nature in harmony and actively pursue green, low-carbon and sustainable development. We're dedicated to exploring innovative pathways and effective strategies to combat climate change, enhancing environmental management, and transitioning towards a low-carbon operation model to protect the ecological environment. Together, we strive to draw a new chapter in sustainable development.





# Climate Response

With a deep sense of environmental and social responsibility, we are finding solutions to climate change challenges through a multi-dimensional approach encompassing governance, strategy, risk management, and metrics and targets. This enables us to identify climate-related risks and opportunities significantly impacting our operations and to devise robust climate action plans, thereby bolstering our resilience against climate adversities.

## Governance

Climate risk response is integral to our decision-making, operation, and management framework. Anchored in our ESG governance structure, we ensure clear responsibility for environment-related information management. The Board of Directors leads on environmental and climate-related decisions, with the Strategy Committee overseeing their execution. Led by the Office of the Secretary to the Board, key departments including the Department of Engineering and Technology, the Administrative Office, and the Operation Management Center are responsible for the coordination and execution of environmental and climate initiatives.

## Strategy

The Company has actively responded to the country's carbon peaking and neutrality goals, we incorporate climate change-related risks into its enterprise risk management framework, continually enhancing our climate information monitoring and disclosure mechanisms, and improving supporting management and evaluation mechanisms, so as to strengthen our capacity and resilience against climate challenges.

### Climate Risk and Opportunity Analysis

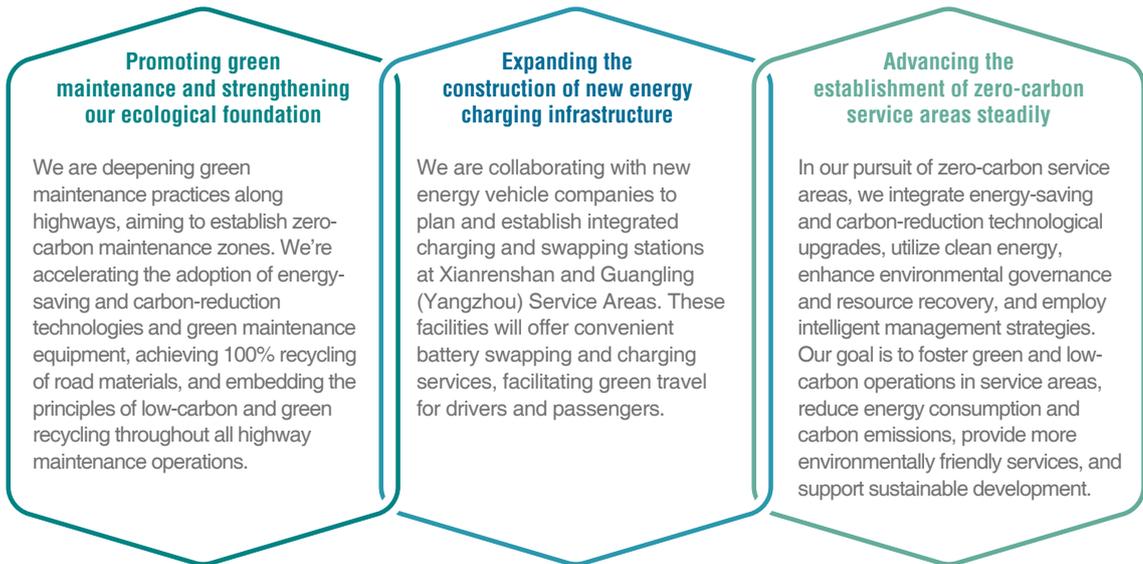
The Company conducts extensive industry research and identifies and analyses key climate risks and opportunities, taking into account the characteristics of its main business.

Risk Type	Risk Description
Transition Risks	Policy and legal risks Stricter regulatory requirements related to climate change necessitate adherence to current laws during our production and operational phases. Escalating prices for greenhouse gas emissions have surged the costs associated with carbon emissions, thereby increasing our operational compliance costs.
	Technological risk The demand for eco-friendly products and services has intensified, necessitating technological advancements. These upgrades entail significant investments in new technologies and R&D, increasing the operational costs of the vehicles.
	Market risk There's a growing demand from our customers for products and services that help mitigate and adapt to climate change. Failure to meet these demands could result in diminished business, customer attrition, and potential revenue loss.
	Reputation risk The introduction of carbon peaking and neutrality goals has raised stakeholders' expectations for proactive management and transparent information disclosure regarding climate change. Inability to meet these expectations could adversely affect our reputation.
Physical Risks	Acute risk The increasing severity of weather events such as ice, snow, rain, fog, and floods pose significant safety risks to highway travel. This escalation can complicate traffic management, hindrance clearance, and rescue efforts, necessitating higher investments in comprehensive clearance operations. These factors might collectively adversely affect the quality of highway services and impact toll revenues.
	Chronic risk Rising global temperatures could shorten the lifespan of tangible assets like factories, equipment, and infrastructure, and disrupt supply and distribution chains.

Opportunity Type	Opportunity Description
Energy-saving and low-carbon products and services	In response to the rising trend towards low-carbon, environmentally friendly operations, our customers increasingly demand energy-efficient and eco-friendly products. We are committed to minimizing the loss and waste of road maintenance materials, boosting maintenance efficiency, and increasing the use of intelligent solutions in our operations. Our initiatives in material substitution, energy-saving technology, and innovative highway maintenance practices are poised to spur rapid business growth and create development opportunities.
Emerging markets	Guided by the carbon peaking and neutrality goals, we are poised to extend our industrial chain, enhance our clean energy portfolio, and explore the integration of clean energy and transportation systems. By constructing an integrated transport and energy system, we aim to accelerate the growth of emerging new energy markets. Offering an array of products and services that align with market demands and expectations significantly boosts our competitive edge.
Boosting climate resilience	Ongoing enhancements in our response to climate change and adaptability forge substantial opportunities for capitalizing on climate-related opportunities. Developing more eco-friendly products and technologies strengthens our adaptability to climate change. For instance, investing in infrastructure and capacity building for climate adaptation enhances the stability of our assets and operations. Initiatives focusing on introducing adaptive projects like renewable and new energy ones will unveil new opportunities.

**Responding to climate risks**

To actively respond to China’s carbon peaking and neutrality goals, we have formulated strategies to tackle climate change, driving the green transition across our operations and bolstering climate-related data disclosure.



Actions to combat climate change

**Case  First integrated charging and battery swapping station for new energy vehicles inaugurated in Xianrenshan Service Area**

Jiangsu Expressway accelerates building a highway charging infrastructure network. We recently inaugurated the “NIO Charging and Battery Swapping Station” at the Xianrenshan Service Area. This facility boasts swapping stations in both its northern and southern areas, alongside a 500Kw liquid cooling pile, a 200Kw air cooling pile, and four NIO Power charging piles capable of simultaneously fast-charging four vehicles. It supports up to 408 battery swaps per day. Vehicles can automatically enter the station for battery swaps without requiring drivers or passengers to leave the vehicle, streamlining the process to just a 3-minute operation. This advancement significantly enhances convenience for Jiangsu Province’s travelers, offering a swift and efficient battery swapping experience while contributing to the reduction of carbon emissions across the highway network.



## In 2023



Wind farms and photovoltaic power stations under Jiangsu Yunshan Green Energy Investment Holding Company Limited (hereinafter referred to as “YS Energy Company”) generated **906** GWh of clean electricity, equivalent to saving **289,000** tons of standard coal and reducing carbon dioxide by **594,000** tons, soot by **28,000** tons, sulfur dioxide by **5,400** tons, and nitrogen oxides by **2,160** tons compared to traditional thermal power generation.



The **13** pairs of service areas under Jiangsu Yangtze Commerce and Energy Company Co., Ltd. (hereinafter referred to as “Yangtze Commerce and Energy Company”) have built **132** parking spots with charging piles, and **108** individual charging piles.

## Risk management

The Company prioritizes managing the risks and opportunities associated with climate change. We actively address risk issues within business operations and progressively refine our risk management mechanisms to lessen potential adverse effects brought by climate change on our operations.

Tailoring strategies to our operations, we have identified severe weather conditions, such as fog, ice, snow, high winds, and extreme weather risks, such as sandstorms and heavy rains, that can affect visibility. Emergency plans have been formulated, and cooperation with meteorological, traffic police, and other departments has been strengthened to improve the emergency protection mechanism. Furthermore, we leverage meteorological information systems to monitor temperature data in real-time at key nodes, and use various channels, including the Jiangsu Expressway APP, WeChat, Sina Weibo, official WeChat accounts, and other media, to remind drivers to choose safe routes and provide scientific guidance to vehicles, thereby avoiding risks and losses associated with extreme weather conditions.

### Case Going all out to ensure safe and uninterrupted travel of the general public

In December 2023, faced with unexpected severe weather conditions, we orchestrated efforts to achieve the goal of “having all roads cleared when the snow stops”. Demonstrating a profound sense of responsibility and commitment, our staff dedicated themselves to front-line snow and ice removal, exerting every effort to ensure clear and safe passage.



Snow clearance at the toll exit of Yuncun Toll Station



Staff at Suzhou New Area Toll Station removing snow from license plates



Staff at Wuxi Maintenance and Drainage Center coordinating the distribution of snow melting agents



Head of Qinglong Toll Station Master manually maneuvers guardrails to direct vehicle turnarounds



Road inspectors taking temperature readings on the Wufengshan Bridge deck

## Metrics and targets

The Company has established climate-related indicators, including GHG emissions and energy use, to gauge management effectiveness, reviewing and disclosing progress towards its environmental goals annually.

### 2024 environmental goals setting

Indicator	Progress in 2023	2023 review and explanation	Goal setting for 2024
GHG emissions (ton)	The GHG emissions were 20,352.24 tons, a 24.72% increase from 2022.	<ul style="list-style-type: none"> <li>• We formulated the energy control and management measures, which included energy consumption as an assessment indicator, analyzed the energy consumption of each unit on an annual basis, and urged each unit to reduce energy consumption.</li> <li>• We advanced the establishment of zero-carbon service areas.</li> </ul> <p>The relatively significant rise in GHG emissions was attributed to the gradual normalization of road operations in 2023, leading to an uptick in road traffic, more frequent entries and exits in service areas, and an increased deployment of vehicles for highway inspection and maintenance. Consequently, this led to increased energy consumption and a significant rise in GHG emissions.</p>	The GHG emissions of Jiangsu Section of Shanghai-Nanjing Expressway (excluding service areas) increase by not more than 5% in 2024 than those of 2023.
Energy consumption (ton)	The energy consumption totaled 3,734.25 tons, a rise of 24.23% from 2022.	<ul style="list-style-type: none"> <li>• We developed six proprietary monitoring systems to comprehensively oversee and manage energy usage, significantly reducing losses in electricity and equipment.</li> <li>• We continuously updated and renovated mechanical and electrical equipment.</li> <li>• We advanced the development of clean energy and deepened the application of photovoltaic technology in highway.</li> </ul> <p>The increase in energy consumption in 2023 was relatively significant due to:</p> <p>(1) gradual normalization of road operations in 2023 led to an uptick in road traffic, more frequent entries and exits in service areas, and an increased deployment of vehicles for highway inspection and maintenance, which consequently resulted in higher energy consumption.</p> <p>(2) severe weather conditions necessitated additional tasks for instance, snow and ice removal and emergency repairs. According to relevant requirements, starting from 2023, all road incidents and obstacle removals necessitated anti-collision vehicles for enhanced safety (not mandatory before 2023), also contributed to the increase to this figure.</p>	The energy consumption of Jiangsu Section of Shanghai-Nanjing Expressway (excluding service areas) increase by not more than 5% in 2024 than that of 2023.



Indicator	Progress in 2023	2023 review and explanation	Goal setting for 2024
Water consumption (ton)	The water consumption totaled 334,388 tons, a 32.67% rise from 2022.	<ul style="list-style-type: none"> <li>We sourced all water used for business activities from the municipal network and refrained from using natural water intake.</li> <li>Domestic sewage was subjected to pretreatment before being used for watering plants at stations.</li> <li>The management of water equipment was strengthened by conducting regular calculations and analyses, as well as performing timely maintenance to prevent equipment plugging or leakages.</li> </ul> <p>The surge in water usage in 2023 was primarily due to increased traffic after the resumption of work and production and there were more frequent cleaning required. Additionally, new personnel in certain areas and the installation of direct drinking water systems in some management offices contributed to the overall rise in water consumption.</p>	The water consumption of Jiangsu Section of Shanghai-Nanjing Expressway (excluding service areas) increase by not more than 5% in 2024 than that of 2023.
Emissions (ton)	The emissions totaled 0.21 tons, an 8.70% decrease from 2022.	<ul style="list-style-type: none"> <li>To alleviate the impact of transportation vehicle exhaust emissions, we strengthened the greening and daily maintenance of subgrade slopes and side ditches.</li> <li>We ensured smooth roads to shorten the idling conditions of transportation vehicles and reduce exhaust emissions by automobiles.</li> <li>The kitchens of each of our units were equipped with oil fume purification and discharge devices that meet the national <i>Emission Standard of Cooking Fume</i> (GB 18483-2001), ensuring that cooking fumes were properly discharged.</li> </ul>	The emissions of Jiangsu Section of Shanghai-Nanjing Expressway (excluding service areas) increase by not more than 5% in 2024 than those of 2023.
Non-hazardous waste discharge (ton)	The discharge reached 175.54 tons, a 29.52% decrease from 2022.	<ul style="list-style-type: none"> <li>We strictly implemented the <i>Rules for the Management of Solid Waste Treatment</i>.</li> <li>We collected statistics on the generation and recycling of waste.</li> <li>Waste was reused or recycled.</li> <li>We conducted quarterly inspections and evaluations on solid waste storage and disposal practices.</li> </ul>	The non-hazardous waste discharge of Jiangsu Section of Shanghai-Nanjing Expressway (excluding service areas) increase by not more than 5% in 2024 than that of 2023.
Hazardous waste discharge	The hazardous waste generated from road maintenance, including waste asphalt residue, seam tape, and potting adhesive, were 100% recycled.	<ul style="list-style-type: none"> <li>Hazardous waste was stored in designated areas and a daily supervision mechanism was implemented.</li> <li>We worked with professional institutions to recycle waste, ensuring a resource-based and harmless treatment process.</li> <li>We avoided using chemicals that are expressly prohibited by laws and regulations, and adopted environmentally friendly products and services.</li> </ul>	The hazardous waste generated from road maintenance along the Jiangsu Section, Shanghai-Nanjing Expressway (excluding service areas), including waste asphalt residue, seam tape, and potting adhesive, are 100% recycled.

GHG emissions data

Indicator	Unit	2021	2022	2023	Compared to 2022 levels	Compared to 2021 levels
Direct GHG emissions (Scope 1)	ton	3,670.89	2,756.15	4,104.00	+48.90% <sup>5</sup>	+11.80%
Indirect GHG emissions (Scope 2)	ton	56,051.44	49,435.26	44,834.82	-9.31%	-20.01%
Total GHG emissions	ton	59,722.33	52,191.41	48,938.82	-6.23%	-18.06%
Direct GHG emission intensity (Scope 1)	ton/km (operating mileage)	5.73	3.94	4.86	+23.35%	-15.18%
Indirect GHG emission intensity (Scope 2)	ton/km (operating mileage)	87.45	70.61	53.08	-24.83%	-39.30%
GHG emission intensity	ton/km (operating mileage)	93.17	74.55	57.94	-22.28%	-37.81%

Note 1: Scope 1 emissions cover the emissions of liquefied petroleum gas and natural gas consumed by the Company's stationary sources, and the gasoline and diesel fuel consumed by the Company's mobile sources (passenger vehicles, freight vehicles, and construction vehicles). Scope 2 emissions include indirect GHG emissions associated with the purchase of electricity.

Note 2: The source of the converted coefficient of carbon dioxide equivalent emissions comes from the *Reporting Guidance on Environmental KPIs* issued by the Stock Exchange of Hong Kong Limited (SEHK). The source of the converted coefficient of electricity of East China Power Grid (0.7921 kg/kWh) is the *Baseline Emission Factor for China Regional Power Grid* in 2019 released by National Center for Climate Change Strategy and International Cooperation (NCSC).

Note 3: Environmental data density = environmental data / operating mileage. The road sections operated in 2023 totaled 844.63 km;

Note 4: The statistical scope of our 2023 report remains consistent with 2022, encompassing: Jiangsu Expressway, Jiangsu Yangtze Commerce and Energy Company Co., Ltd. (Yangtze Commerce and Energy Company), Jiangsu Zhendan Expressway Co., Ltd. (Zhendang Company), Jiangsu Yangtze River Expressway Management Co., Ltd. (Yangtze River Management Company), Jiangsu Ninghu Investment Development Co., Ltd. (Ninghu Investment Company), Jiangsu Ninghu Properties Co., Ltd. (Ninghu Properties Company), Jiangsu Yunshan Green Energy Investment Holding Company Limited (YS Energy Company), Jiangsu Guangjing Xicheng Expressway Co., Ltd. (Guangjing Xicheng Company), and Jiangsu Wufengshan Toll Bridge Co., Ltd. (Wufengshan Toll Bridge Company).

Note 5: The rise in direct GHG emissions in 2023 largely caused by a significant increase in gasoline and diesel consumption. Key factors include: 1) There were only modest number of official vehicles in 2022, with 2023 seeing a ramp-up in normal operations, learning and exchange activities, and construction supervision, hence an uptick in the use of official vehicles, trucks, and engineering vehicles, and a consequent rise in fuel consumption; 2) in 2023, maintenance vehicles such as anti-collision vehicle, sweepers, guardrail cleaners, and forklifts were introduced, alongside official vehicles. This expansion in the vehicle fleet led to a noticeable increase in overall fuel consumption.



# Environmental Management

Jiangsu Expressway diligently adheres to national and local environmental standards, developing a robust internal environmental management system. In alignment with the Ministry of Transport's 14th Five-Year Plan for green transportation, we enhance the scientific management of energy and water resources, actively seek and implement strategies for green, low-carbon growth, and endeavor to minimize our operational impact on the environment.

## Strengthening environmental control

The Company bolsters its commitment to environmental protection, formulating the *Environmental Protection Management Measures* in accordance with laws, regulations, ISO 14001 standards, and its operational realities, thereby enriching its environmental management system. We successfully passed the annual GB/T24001-2016/ISO14001:2015 Environmental Management Systems audit.

### Environmental management organization

The Company has established the Environmental Protection Committee led by the General Manager as the chair and the Deputy General Manager responsible for environmental matters as the executive vice-chair, with the rest of the management serving as vice-chairs. Department heads of our company and leaders of our secondary subsidiaries are committee members, collectively guiding the Company's environmental management initiatives.

### Environmental management mechanisms

The Company strictly abides by the *Environmental Protection Law*, *Environmental Protection Tax Law*, *Energy Conservation Law*, *Water and Soil Conservation Law*, *Soil Pollution Prevention Law*, *Energy Conservation Regulations of Jiangsu Province* and other national and local laws and regulations on environmental management. A three-level environmental management system covering the company-level, secondary-level, and primary-level is implemented to form an effective long-term environmental management structure and respond to new or revised environmental laws in a timely manner and implement the Company's compliance responsibilities for environmental protection.

In accordance with the established frameworks such as the *Environmental Protection Management Measures*, *Management Measures for Identification, Evaluation and Control of Environmental Factors*, *Administrative Regulations for Energy and Resources Control*, *Related Party Environmental Impact Control Management Rules*, and *Rules for the Management of Solid Waste Treatment*, the Company fulfills its responsibilities in environmental protection as a corporate entity, refines its management requirements, enhances its environmental management ability, and optimizes its performance.

### Environmental impact and identification

Annually, the Company identifies environmental impact factors prior to initiating projects. We conduct thorough analyses of potential environmental factors, compile these into a *List of Identified Environmental Factors*, and make it support our scientific and effective execution of projects.

In 2023



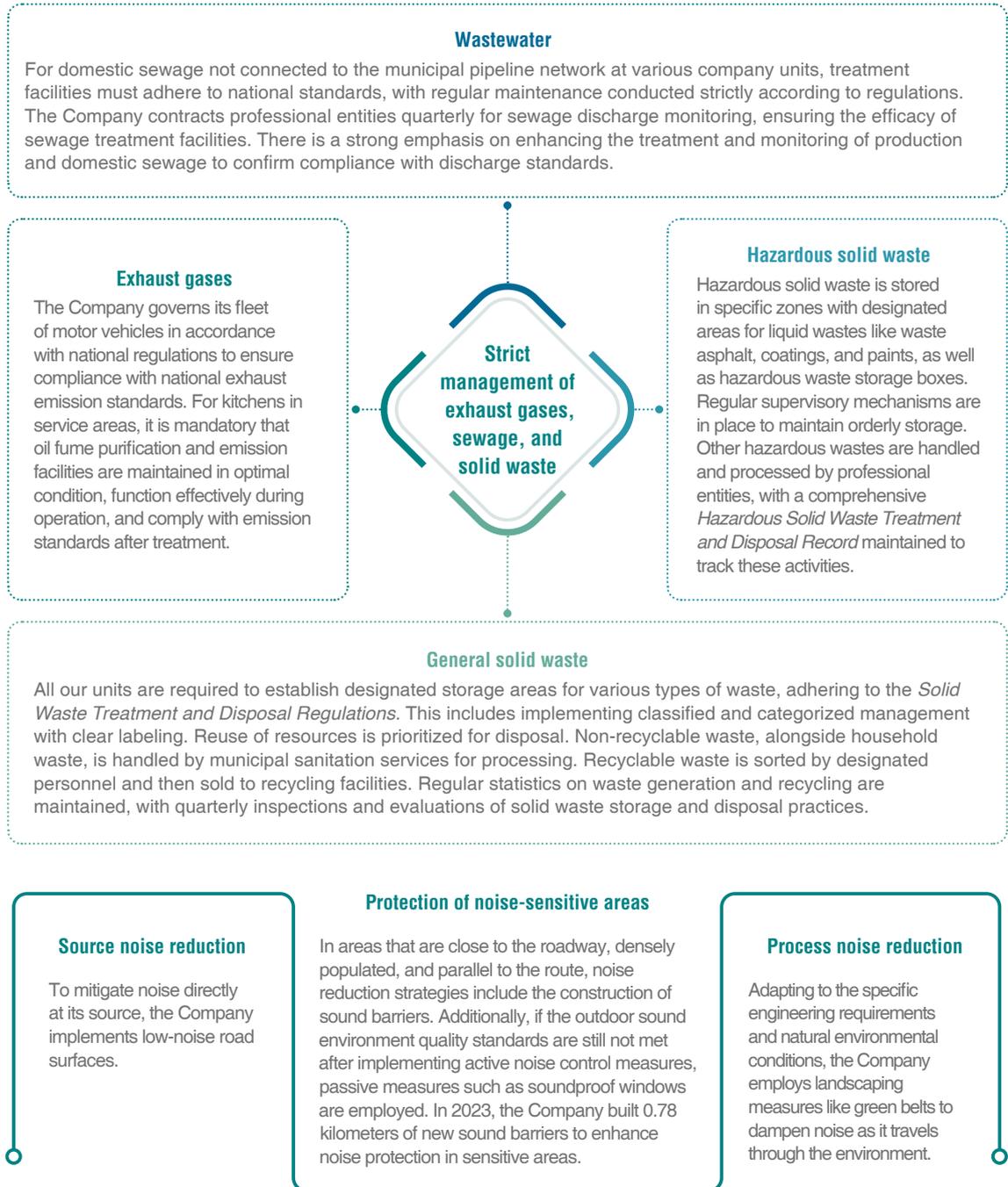
RMB **31.8254** million invested in environmental protection, a year-on-year increase of **124.6**%.



**0** major environmental pollution or ecological damage accidents occurred.

## Cutting emissions

The Company is committed to fostering ecological conservation and preventing environmental pollution in its operations. We strictly abide by relevant laws and regulations such as the *Environmental Protection Law*, *Air Pollution Prevention and Control Law*, *Water Pollution Prevention and Control Law*, *Law on the Prevention and Control of Environmental Pollution by Solid Waste*, and *Regulation of Jiangsu Province on the Management of Kitchen Wastes*. Meanwhile, we stringently manage the discharge of exhaust gases, sewage, and solid waste, intensify noise pollution control, and promote a balance between operational productivity and environmental conservation.



Measures for preventing and treating noise pollution



## Case Pioneering circular development at Tangshan Maintenance and Drainage Work Zone

Adopting the circular economy model, the Tangshan Maintenance and Drainage Work Zone actively engages in the recycling of wastes as resources. The introduction of new landscaping vehicles has transformed the inefficient and costly process of handling pruned branches. Previously, branches were piled beside the roadbed before removal, but now, they are immediately crushed and stored directly in the vehicle's rear carriage for easy transport. The crushed branches and leaves can be utilized for organic composting or enhancing road surface cleanness and grip during hindrance clearance operations, realizing effective waste minimization and recycling at the source.

Emissions Data

	Indicator	Unit	2021	2022	2023	Compared to 2022 levels	Compared to 2021 levels
Exhaust gas emissions	Nitrogen oxide emissions	ton	8.55	4.27	0.293	-93.14% <sup>8</sup>	-96.57%
	Sulfur oxide emissions	ton	0.060	0.034	0.026	-23.53% <sup>8</sup>	-56.67%
	Particulate matter emissions	ton	0.025	0.025	0.018	-28.00% <sup>8</sup>	-28.00%
Sewage discharge	Total sewage discharge	ton	1,457,206	1,315,087	1,189,418	-9.56%	-18.38%
	Sewage discharge intensity	ton/km (operating mileage)	2,273.37	1,878.41	1,557.00	-17.11%	-31.51%
	Chemical oxygen demand (COD)	ton	14.23	13.04	13.58	+4.14%	-4.57%
Hazardous wastes <sup>9</sup>	Waste chemical materials and their packages and containers	piece	313	731	0	-100% <sup>10</sup>	-100%
	Waste containers for paint and oil	piece	900	551	0	-100% <sup>10</sup>	-100%
	Oil-stained gloves	Pair	5,984	3,442	5,522	+60.43% <sup>11</sup>	-7.72%
	Waste ink cartridges (including waste powder)	piece	1,004	909	482	-46.97%	-51.99%
	Waste OPC drums	piece	1,277	832	625	-24.88%	-51.06%
	Electronic wastes such as batteries	kg	237.26	109.16	20.36	-81.35%	-91.42%
	Waste fluorescent lamps	kg	270.15	245.91	51.90	-78.90%	-80.79%
Non-hazardous wastes	Paper	ton	53.25	50.58	7.95	-84.28%	-85.07%
	Kitchen wastes	ton	2,659.82	1,311.01	351.07	-73.22%	-86.80%
	Plastics	ton	14.39	7.11	1.29	-81.86%	-91.04%
	Metal	ton	11.61	45.80	0.87	-98.10%	-92.51%
	Wood products	ton	11.90	2.81	1.32	-53.02%	-88.91%
	Total non-hazardous wastes	ton	2,750.97	1,417.31	362.50	-74.42%	-86.82%
	Intensity of non-hazardous waste discharge	ton/km (operating mileage)	4.29	2.02	0.43	-78.71%	-89.98%

Note 1: Calculations of Nitrogen oxide emissions

Gasoline: Emitted nitrogen oxides (ton) = Mileage (km) \* the emission coefficient of nitrogen oxide (g/km) / 1,000,000

Diesel: Emitted nitrogen oxides (ton) = Mileage (km) \* the emission coefficient of nitrogen oxide (g/km) / 1,000,000

Natural gas: Emitted nitrogen oxides (ton) = Natural gas consumption(m<sup>3</sup>) \* 8 (kg/10,000m<sup>3</sup>) / 1,000/10,000

Note 2: Calculations of Sulfur oxide emissions

Gasoline: Emitted sulfur oxides (ton) = Gasoline consumption (L) \* 0.0147 (g/L)/1,000,000

Diesel: Emitted sulfur oxides (ton) = Gasoline consumption (L) \* 0.0161 (g/L)/1,000,000

Natural gas: Emitted sulfur oxides (ton) = Natural gas consumption (kg) \* sulfur content of natural gas \* 0.85 \* 2 \* 10 / 1,000

Note 3: Calculations of Particulate matters (PM) emissions

Gasoline: PM emission (ton) = Mileage (km) \* the emission coefficient of PM (g/km) / 1,000,000

Diesel: PM emission (ton) = Mileage (km) \* the emission coefficient of PM (g/km) / 1,000,000

Note 4: Emission coefficients for gasoline and diesel are from the *Reporting Guidance on Environmental KPIs* issued by SEHK.

Note 5: Emission coefficients for nitrogen oxides from natural gas and effluent are from the *Applicable Emission Coefficients and Material Balance Methods Not Covered by the Emission Permit Management System (Trial)*. The coefficient for effluent is 0.8, the mean value.

Note 6: Environmental data intensity = environmental data / operating mileage. The road sections covered in 2023 totaled 844.63 km.

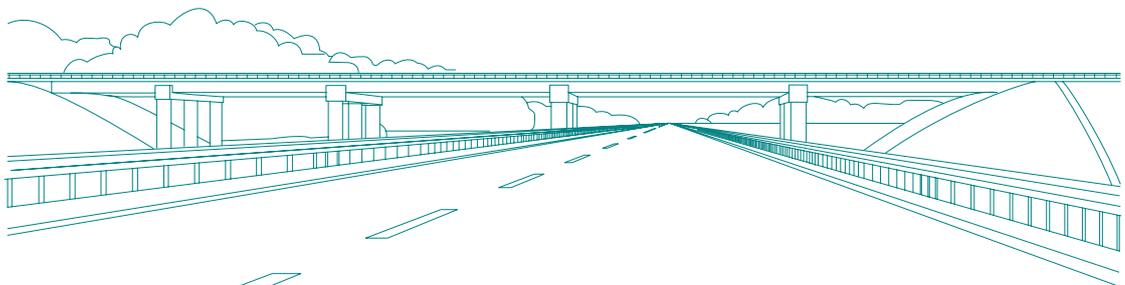
Note 7: The statistical scope of our 2023 report remains consistent with 2022, encompassing: Jiangsu Expressway, Yangtze Commerce and Energy Company, Zhenan Company, Yangtze River Management Company, Ninghu Investment Company, Ninghu Properties Company, YS Energy Company, Guangjing Xicheng Company, and Wufengshan Toll Bridge Company.

Note 8: The significant reduction in nitrogen and sulfur oxide emissions in 2023 could be attributed to the service areas transitioning from gas to electricity, noticeable reduction in the use of liquefied petroleum gas. This shift not only curtailed emissions but also eliminated potential safety risks associated with the storage of petroleum gas, enhancing overall safety at the service areas.

Note 9: It was not feasible to quantify the total volume of hazardous waste in tons for 2023. The main challenge was that hazardous waste—such as waste chemical materials and their packages and containers, waste containers for paint and oil, oil-stained gloves, waste ink cartridges (including waste powder), and waste OPC drums—was not weighed or managed promptly upon disposal. Consequently, quantities were recorded instead of weight. In the future, the Company will enhance the daily statistical management of such hazardous waste.

Note 10: The reason no additional waste chemical materials and associated packages and containers, and waste containers for paint and oil were reported in 2023 is that the Company did not undertake any building painting or maintenance projects during the year.

Note 11: The increased use of oil-stained gloves in 2023 was due to the gradual normalization of road operations and a subsequent rise in the frequency of road maintenance activities.



## Practicing low-carbon operations

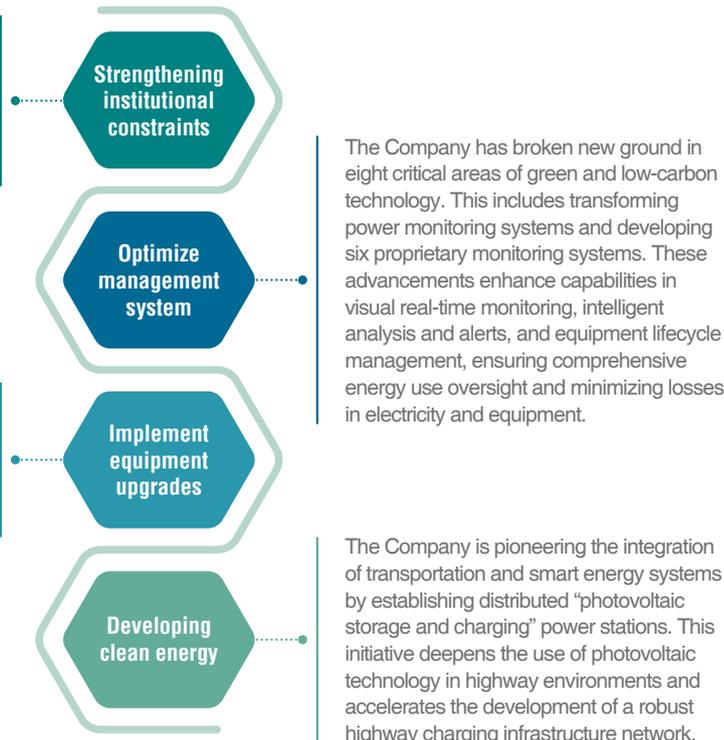
Committed to green and low-carbon operations, the Company vigorously promotes energy conservation and environmental protection, enhances the management of energy and resources, and aims for a balance between operational efficiency and environmental stewardship.

### Strengthening energy management

The Company abides by the relevant laws and regulations, including *Energy Conservation Law*, and *Cleaner Production Promotion Law*. We prioritize the management and utilization of resources. Through utilizing advanced energy consumption monitoring and analysis technologies, we conduct real-time monitoring and in-depth analysis of energy consumption, effectively improving resource efficiency to contribute to a resource-conserving and environmentally friendly society.

The Company has developed the *Administrative Regulations for Energy and Resources Control*, which include using the energy consumption data of each unit—such as natural gas, liquefied petroleum gas, water, electricity, and gasoline—as key performance indicators. Annual energy consumption analyses of our units drive efficiency improvements, urging them to optimize electricity use and reduce electricity costs in operations.

The Company is committed to enhancing energy efficiency by continuously updating and upgrading the lighting and mechanical and electrical equipment across its service areas. These improvements contribute to energy efficiency.



Key measures for strengthening energy management and control

### Case **Supporting YS Energy Company in building a comprehensive transportation + energy system**

Jiangsu Expressway robustly backs the efforts of YS Energy Company to expand its clean energy initiatives and to comprehensively develop an integrated transportation + energy system. Leveraging its primary business in transportation, YS Energy Company explores “photovoltaic + slope” and “photovoltaic + carport” applications along with other comprehensive transportation scenarios such as airports and ports, promoting the early integration of “highway + photovoltaic” systems. The goal is to reach an installed capacity of 100 MW and generate 105 GWh of photovoltaic power annually by the end of the 14th Five-Year Plan period, striving to establish the country’s first zero-carbon highway.

Energy consumption data

	Indicator	Unit	2021	2022	2023	Compared to 2022 levels	Compared to 2021 levels
Direct energy consumption	Natural gas	m <sup>3</sup>	191,519.22	165,946.00	182,470.07	+9.96%	-4.72%
	Liquefied petroleum gas	kg	44,824	21,556	500	-97.68% <sup>5</sup>	-98.88%
	Gasoline	L	418,314.81	334,816.77	645,537.30	+92.80% <sup>6</sup>	+54.32%
	Diesel	L	662,711.65	461,068.11	671,542.31	+45.65% <sup>6</sup>	+1.33%
	Total direct energy consumption	tce	1,592.02	1,181.63	1,758.87	+48.85% <sup>5, 6</sup>	+10.48%
	Intensity of direct energy consumption	tce/km (operating mileage)	2.48	1.69	2.08	+23.08%	-16.13%
Indirect energy consumption	Electricity consumption	kWh	70,763,085.58	62,410,379.48	56,602,474.57	-9.31%	-20.01%
	Total indirect energy consumption	tce	8,696.78	7,670.24	6,956.44	-9.31%	-20.01%
	Intensity of indirect energy consumption	tce/km (operating mileage)	13.57	10.96	8.24	-24.82%	-39.28%
Comprehensive energy consumption	Total comprehensive energy consumption	tce	10,288.80	8,851.87	8,715.31	-1.54%	-15.29%
	Intensity of comprehensive energy consumption	tce/km (operating mileage)	16.05	12.64	10.32	-18.35%	-35.70%

Note 1: The converted standard coal coefficient of natural gas in 2023, is that of oil field gas;

Note 2: The average lower heating value (net calorific value) of a fuel is calculated according to *General Principles for Calculation of the Comprehensive Energy Consumption* (GB/T 2589-2008).

Note 3: Environmental data intensity = environmental data / operating mileage. The road sections covered in 2023 totaled 844.63 km.

Note 4: The statistical scope of our 2023 report remains consistent with 2022, encompassing: Jiangsu Expressway, Yangtze Commerce and Energy Company, Zhenan Company, Yangtze River Management Company, Ninghu Investment Company, Ninghu Properties Company, YS Energy Company, Guangjing Xicheng Company, and Wufengshan Toll Bridge Company.

Note 5: The primary factor contributing to the reduced usage of liquefied petroleum gas in 2023 is the transition from gas to electric power in the Company's service areas.

Note 6: The reasons behind the increased consumption of gasoline, diesel, and direct energy in 2023 include: 1) The resumption of official operations, leading to more activities related to learning, exchange, and construction supervision, which in turn raised the demand for official cars, trucks, and engineering vehicles, increasing fuel consumption; 2) The addition of maintenance vehicles such as anti-collision vehicles, sweepers, guardrail cleaners, and forklifts, along with more official cars, resulting in a higher total number of vehicles and fuel consumption.

**Using water resources with efficiency**

We source all water used for business activities from the municipal network and refrained from using natural water intake. Domestic wastewater is subjected to pretreatment before being used for watering plants at stations. The water equipment management has been strengthened by con

**Case  Yangtze Commerce and Energy Company delivers a provincial-level water-saving service area**

Yangtze Commerce and Energy Company actively creates water-saving service areas through increased water-saving education, scientific management systems for rainwater and sewage, and the design of rainwater and sewage diversion systems, effectively utilizing rainwater resources while preventing sewage pollution. The Xianrenshan Service Area, recognized as a “provincial-level water-saving expressway service area,” has established a leading organization for water-saving efforts, formulated water management rules and regulations, and innovatively utilized unconventional water sources. It earned the 47th International Gold Award for reducing water consumption. This achievement serves as a significant model for promoting low-carbon construction across the province’s highway network.

**Case  Integrating knowledge and action to deepen water conservation efforts**

To consolidate achievements in building a water-saving expressway service area, the Meicun Service Area conducts water-saving diagnostics and water-saving monitoring, innovates in the comprehensive use of water resources, and continuously enhances its refined management. It regularly maintains water supply facilities to preempt potential issues, intensifies monitoring to ensure water quality at the source during peak periods, and leverages IT-based platform upgrades to boost operational control. During World Water Day and China Water Week 2023, the service area partnered with local water authorities to promote water conservation through activities, water saving proposals, and educational displays, raising public awareness and highlighting its commitment to sustainable water management.

Water consumption data

Indicator	Unit	2021	2022	2023	Compared to 2022 levels	Compared to 2021 levels
Total water consumption	ton	1,996,142.72	1,542,985.22	2,192,085.72	+42.07% <sup>1</sup>	+9.82%
Total water withdrawal <sup>2</sup>	ton	0	0	0	0	0
Total water use intensity	ton/km (operating mileage)	3,114.16	2,203.93	2,595.32	+17.76%	-16.66%

Note 1: Factors contributing to increased water consumption in 2023 included: 1) An increase in number of at the Company’s headquarters and various management offices boosted water usage; 2) Installation of direct drinking water systems in several management offices led to higher water consumption; 3) Resumption of work and production after COVID-19 increased in traffic and the frequency of cleaning operations, and additional out-post staff and building renovations in service areas elevated water usage; 4) There was a rise in construction projects requiring significant water use, such as enamel steel plate cleaning and road flushing.

Note 2: We sourced all water used for business activities from the municipal network and refrained from using natural water intake.

**Green and low-carbon office**

The Company champions global environmental initiatives and maintains a responsible environmental stance. By implementing targeted actions and strategies, we aim to minimize carbon emissions and foster sustainable development of ourselves and society through a green and efficient operational model.

**Green travel**

We actively promote a “green, low-carbon, safe, and civilized” travel philosophy. We strictly enforce the official vehicle dispatch system while encouraging carpooling wherever feasible. We encourage primary-level units to install electric vehicle charging stations in phases to facilitate low-carbon travel options. Our “135” low-carbon travel initiative advocates walking for distances under 1 kilometer, cycling for up to 3 kilometers, and using public transport for up to 5 kilometers to foster healthy, eco-friendly travel habits.

**Green office**

We advocate for paperless operations and have implemented regulations for printer use, encouraging double-sided and draft printing on partially used paper to maximize paper efficiency. Additionally, we use energy-saving LED lighting and hybrid wind-solar outdoor lighting to ensure our office and operational spaces are energy-efficient.



**Environmental awareness**

The Company enhances environmental consciousness through targeted training on ecological responsibility and promoting low-carbon lifestyles. We aim to increase employee engagement with green purchasing practices, encourage them to buy green and recyclable products, minimize the use of disposable products, and mobilize their participation in sustainable activities.

Key Low-Carbon Practices

**Case Adopting innovative approaches to raise environmental awareness**

The Ningchang Management Office’s Dongping Toll Station creatively uses oil painting as a medium to promote environmental protection. Hand-painted artwork not only makes the concept of water conservation tangible and engaging but also leverages the aesthetic appeal of art to heighten environmental awareness. This approach enlivens educational campaigns, boosts employee engagement, and raises the awareness of the importance of water conservation. Through distributing educational materials at the toll exit and engaging volunteers in activities like picking up garbage to protect water sources, the management office has enhanced the visibility of energy-saving and carbon-reduction efforts, further fostering a robust culture of civilized, green, energy-saving, and low-carbon practices.



Gehu Service Area to “energy saving and carbon reduction, you and I walk together” as the theme, held “environmental protection with me - step to health” activities

## Ecological Care

In line with the principle of harmonious development, the Company focuses intently on ecological protection. We employ a range of strategies including green maintenance, soil rehabilitation, and aquatic ecosystem restoration to safeguard the environment and the well-being of communities along the expressway. These efforts bolster ecosystem stability through both protective and restorative actions, aiming to set a standard for scenic and efficient roadways that contribute to sustainable ecological progress.

### Green maintenance

To promote green transportation, the Company constantly deepens the connotations of green maintenance. We are promoting green maintenance and widely adopt advanced techniques such as synchronous surface dressing and hot in-place recycling, to drive the green transition of expressway construction.

#### Promoting the renewable materials

We promote the use of renewable materials, such as seam tape and grouting glue, to reduce resource waste. Non-stick wheels are used to emulsify asphalt in large and medium-sized asphalt pavement maintenance projects to reduce adhesion and asphalt consumption, supporting quality and green development of highway maintenance.

#### Key measures to promote green maintenance

#### Recycling of waste materials

We promote large-scale use of hot in-place recycling, which involves heating and loosening of old pavement, supplemented by reducing or regenerating agents. This reduces the use of asphalt materials and recycles waste materials.

#### Case Enhancing energy-saving and low-carbon maintenance operations

In the Tangshan Maintenance and Drainage Work Zone, a comprehensive optimization of the maintenance operation plan has been enacted. Tailored to the specific needs and conditions of various projects, this approach encourages the adoption of green maintenance equipment such as snow blowers and snow plow vehicles. This not only minimizes occupancy and safety hazards during construction but also significantly reduces the detrimental impact of chemical deicers on roads, bridges, and adjacent landscaping. The zone has embraced a strategy that features low consumption, minimal pollution, and high efficiency in green ecological maintenance. Moreover, it employs maintenance machinery to refurbish damaged road surfaces, recycling 100% of the old road materials on-site. By using appropriate number of rejuvenators, asphalt, and other materials, the regeneration rate of road surfaces can exceed 70%, effectively cutting down on material, labour, and transport costs. This method is fast, resource-saving, and environmentally efficient.

In 2023



the Company's recycling rate of waste asphalt residue and other waste materials reached **100%**



The usage rate of seam tape, potting adhesive, and other low-carbon maintenance materials reached **100%**

## Biodiversity protection

In the land area along the road and station area, the Company carries out effective greening in strict accordance with the requirements of technical specifications, scientifically arranges drainage ditches and water interceptor ditches, adopts ecological protection technology, strengthens soil and water conservation, and is committed to the protection of biodiversity, and strives to realise the optimisation of environmental benefits.

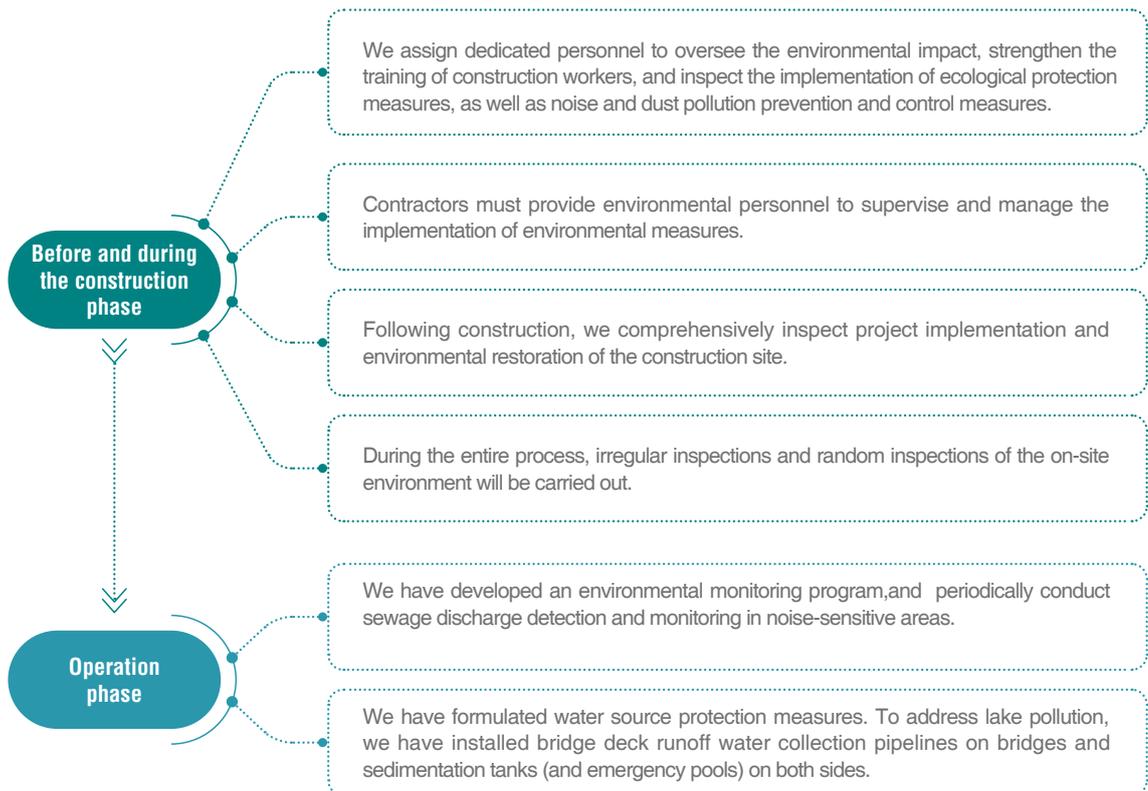
The Company has developed a comprehensive drainage system along the entire roadway, ensuring a seamless flow through the installation of roadbed side ditches, drainage ditches, road surface soil shoulders, and bridge and culvert structures. For roads near sensitive water bodies, we've constructed a bridge deck runoff collection system. PVC drainage pipes channel runoff from bridge decks to treatment systems at both bridge ends. Regular maintenance, including dredging and clearing of silt, is performed to maintain efficient drainage.

Conserving soil and water

Improving the road environment

We strive to create the most aesthetically pleasing road environment possible for highways, toll stations, and service areas. Our approach includes laying lawns, enhancing landscape greening, replanting vegetation, maintaining clean drainage systems, and repairing and refreshing road markings.

Key Measures to Protect Natural Ecology



Key measures to reduce environmental and ecological impacts



### Case Enhancing the greening of road areas

The Ningchang Management Office has intensified its road cleaning efforts, focusing on removing garbage around road slopes, open areas, and the Maoshan Service Area to improve the highway's visual appeal. Concurrently, efforts to enhance the greening of road areas are being accelerated. Capitalizing on the critical spring season for greening and replanting, trees are replanted in open sections of the median strips, with meticulous removal of weeds, dead branches, and litter in green spaces during replanting phases, and staged irrigation for newly planted seedlings. Through precise maintenance practices, the survival rate of replanted seedlings is effectively ensured, supporting the initiative of building the Ningchang Expressway into a colorful and forest-like expressway.

### Case Comprehensive environmental governance along the expressway

In response to specific conditions along its highway sections, the Changzhou Management Office addresses long-standing, repeated, and systemic environmental issues by coordinating with traffic law enforcement and local urban management authorities to execute ongoing environmental enhancements. It has collaboratively cleared 11 illegal planting sites spanning 8,600 square meters, demolished three unauthorized structures, removed six abandoned vehicles under bridges, and eliminated 75 cubic meters of various debris. Furthermore, in partnership with traffic law enforcement, it employs alternating patrols and other methods to bolster the prevention and penalization of unlawful plantings and constructions, ensuring comprehensive coverage in inspections and supervision.



Conducting research into the development of idle land resources, formulating actionable suggestions and guidelines for the protection, development, and utilization of these areas, thereby revitalizing underutilized, idle lands

In 2023



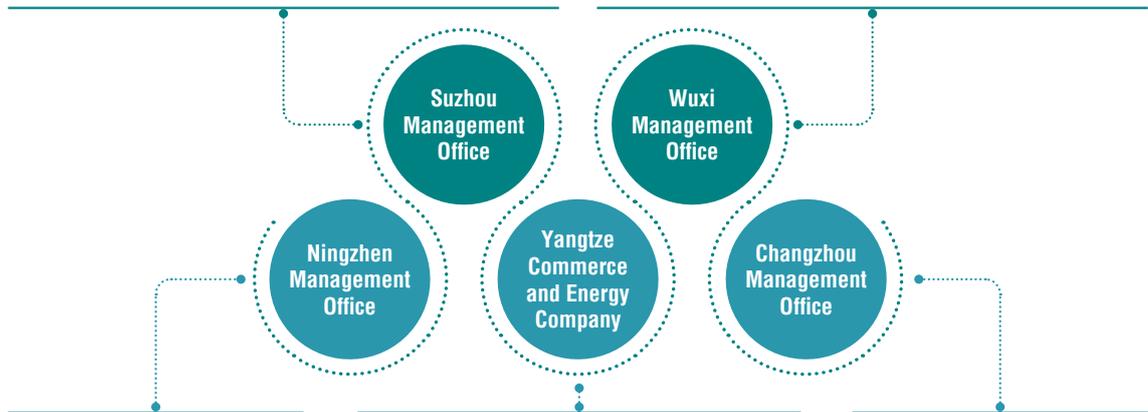
the total length of the highway green belts reached **1,099.89** kilometers

## Green charity

All divisions within the Company enthusiastically engage in tree planting activities, fostering a robust culture of “planting, protecting, and cherishing greenery.” This initiative cultivates a widespread commitment to green public welfare, where every individual and family participates in tree planting and environmental stewardship, translating into tangible actions that safeguard our green ecology.

The Suzhou Management Office has implemented an innovative initiative by distributing *Carbon-Neutrality Tree Planting Cards*, encouraging employees to plant specific “low-carbon trees.” This initiative raises staff awareness of conservation and environmental protection, emphasizing that reducing 18 kilograms of carbon dioxide is akin to planting a tree.

The Wuxi Maintenance and Drainage Center organized the “Planting Trees and Beautifying Homeland” themed Party day event with partners, where participants planted over 10 cherry blossom seedlings. All participating units agreed to establish a tree planting tracking system, which includes regular pruning and maintenance to ensure the seedlings thrive and remain unharmed.



The Tangshan Maintenance and Drainage Work Zone hosted the initiative “Plant a Green Plant by Hand, Grow a Forest by Heart,” embodying the ethos of “building a zero-carbon zone” and “expanding green and reducing carbon.” This initiative involved updating and replanting greenery within office and residential zones.

Volunteers at the Yangcheng Lake Service Area act as “tree doctors,” conducting physical examinations on vegetation by observing, listening, and touching. Any abnormalities identified are promptly reported to professional maintenance teams for further action. Leveraging its proximity to Wuxi Lihu National Wetland Park, the Meicun Service Area has undertaken tree adoption and green space management activities, enriching its environmental engagement.

The Jiaze Toll Station and Jiaze Maintenance and Drainage Center engage employees in green care activities. They prune existing greenery within the station area, plant fruit trees like grapes and peaches, and introduce small green plants such as succulents and spider plants in office areas, dormitories, and homes to enhance their living spaces.

### Public welfare activities across the Company for environmental protection



Wufengshan Management Office organizing a volunteer tree planting event themed “Cultivating Aspirations, Cultivating Talents”



Southern Passage Management Office conducting green maintenance operations, including pruning, soil loosening, and watering, to enhance the beauty and functionality of the Shanghai-Nanjing Expressway, building it into a “safe, smooth, comfortable, and beautiful” highway

# Embracing High-Quality Life

Jiangsu Expressway is committed to developing transportation that meets the needs of the people. We aim to share the fruits of development through our expertise, contribute to social progress, and collaborate with customers, partners, employees, and communities to continually explore transportation solutions that earn public satisfaction.



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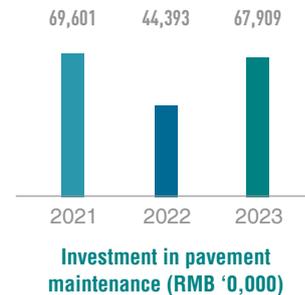


# High-Quality Expressways

The Company always upholds its mission of “guarding safety and marching towards the future”. We spearhead “pioneering modernization practices in transportation infrastructure” by investing in, constructing, operating, and managing roadways and bridges in a responsible manner. The Company also supports ancillary services such as refueling, dining, retail, and lodging along its expressways, fostering a collaborative journey towards a seamless and enjoyable travel experience.

## Scientific maintenance

Adhering to a full life-cycle approach of “30 years for roadways and 100 years for bridges,” the Company continuously enhances its maintenance management systems. We have established the *Engineering Maintenance Management Measures* and *Inspection and Evaluation Management Rules*, and set up an in-house maintenance inspector team. This team conducts cross-provincial, long-distance, comprehensive maintenance. Additionally, the Company has adopted real-time broadcasting, monitoring of critical conditions, and GIS model visualization to manage daily maintenance and address significant maintenance challenges effectively, thereby ensuring thorough inspections and maintaining high standards in road technology.



In 2023



the Company had **364** maintenance and drainage staff, owned **567** pieces of maintenance and drainage equipment, and achieved a **100%** qualification rate in maintenance projects

- We have established three major goals, i.e., achieving long-term performance monitoring of bridges, building smart bridges, and building smart tunnels. We have integrated online monitoring systems into the platform of Jiangsu Communications Holdings, enabling real-time perception, analysis, and evaluation.
- We have developed a comprehensive map of bridge deck pavement and associated conditions, facilitating integrated management of pavement and bridge deck service statuses.
- By leveraging the mainline weighing system and gantry data across the expressway network, we significantly digitalize our bridge maintenance practices.



- We have increased our investment in green pruning vehicles and high-speed cleaning vehicles to boost maintenance operation efficiency.
- Our strategy includes reducing the frequency of maintenance activities and promoting “nearly imperceptible maintenance” in sections with ultra-saturated traffic flow.
- We employ a mix of centralized and daily maintenance using diverse centralized operations to advance our new mechanized maintenance model.
- The occupancy rate of maintenance operations has shown a significant decrease, with a 30.47% reduction in 2023 compared to 2022, and a further year-on-year decrease of 35.56%.

Key measures for scientific maintenance

Honors and Awards

- The hindrance clearance team from Gaoqiao Maintenance and Drainage Center at Wufengshan Management Office and the Hengshan team at Changzhou Management Office's Hengshan Toll Station have been awarded the **"National Trustworthy Group for Quality"** title
- The maintenance team at Danyang East Maintenance and Drainage Center has been recognized with a **Demonstration Award** for National Trustworthy Groups for Quality

## Quality management

The Company actively develops a robust quality control system. Having been certified to the ISO 9001 Quality Management System, we further solidify quality management responsibilities, and ensure comprehensive vertical and horizontal integration of quality management efforts by setting clear quality objectives, refining engineering quality control procedures, and defining the responsibilities and quality management key points for all involved parties. Over time, a replicable maintenance engineering quality control system has emerged, fostering the digital, networked, and intelligent upgrade of the quality control system, aiming to establish a world-class highway network. In 2023, the Company conducted on-site training and evaluations for 2023 National Trustworthy Groups for Quality and star teams. 2 national and 5 provincial-level trustworthy groups for quality were awarded, alongside 3 five-star teams and 3 four-star teams for on-site management.



In 2023

- The rate of Class I and Class II bridges<sup>1</sup> within the Company remained at **100%**, and the evaluation results of tunnels were still Class I.

Note 1: As per the *Standards for Technical Condition Evaluation of Highway Bridges (JTGT H21-2011)*, the overall technical conditions of bridges are divided into five classes, Class 1 indicates the bridge is new and fully functional, while Class 2 shows minor defects that do not affect its function.



## Safe operations

We uphold the philosophy of “life first, safety foremost”. Strictly abiding by the *Law of the People’s Republic of China on Work Safety, Management Measures for Work Safety, Administrative Rules for Work Safety Inspection and Target Fulfillment Assessment, and Regulation on Road Operation Site Safety Management*, we continue to improve internal work safety regulations. Meanwhile, we continuously advance troubleshooting, inspection, and rectification efforts, shoulder responsibility as a corporate entity, and fulfill execution and supervision responsibilities, thereby safeguarding the lifeline of work safety.

### Enhancing the safety management system

The Company is committed to improving the work safety organizational structure, responsibility system, and target system. We have established a work safety committee, set up a dedicated safety management organization, and clearly outlined work safety responsibilities at all departmental levels. The *Operational Rules for Safety Management of Road Related Construction Operations* have been formulated, and the *Commitment to Fulfilling Work Safety Goals* has been systematically signed at all levels with all staff members to ensure thorough implementation of safety responsibilities. Additionally, regular work safety inspections and quantitative investigation plans have been carried out, and training for the professional qualifications of work safety management personnel is organized to bolster the capacity building of work safety management teams.

In 2023



RMB **348.2918** million was invested in work safety<sup>1</sup>

Note 1: Work safety costs encompass expenses related to safety protection and emergency response equipment and facilities, information systems, software, network security and technology applications, safety supplies and emergency rescue equipment, the construction of the Company’s emergency rescue teams, work safety publicity, education and training, incentives for hazard reporting, and expenses for safety inspections, evaluations, reviews, consultations, standardization, emergency planning, and drills.



2023 Work Safety Conference



2023 Work Safety Committee Meeting (Expanded)

### 🔗 Enhancing safety culture and awareness

The Company focuses on comprehensive safety education tailored to development needs and diverse employee roles. We conduct extensive training sessions across various categories such as safety knowledge, road-related operational safety, and fire safety. Events like “Work Safety Inspection”, “Work Safety Month,” “616 Consultation Day,” road-related safety supervision competitions, and the nomination of the Star of Safety Regulation are organized to embed safety consciousness among employees.



Organizing employees to make a safety pledge

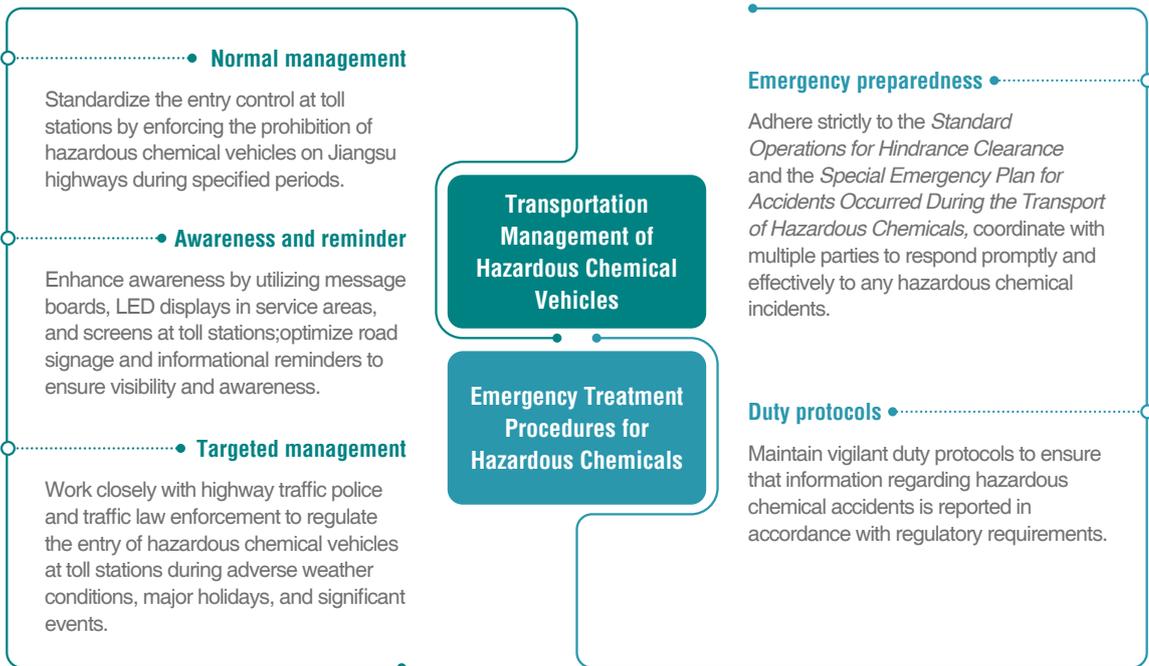
In 2023

there were **4,754** participants in safety training, with a coverage rate of **100%**



### 🔗 Enhancing emergency response capabilities

We have issued comprehensive management regulations like the *Management Rules for Troubleshooting and Addressing Work Safety Hazards*, *Safety Supervision Rules for Road Operations*, and *Emergency Management Rules*. Furthermore, the *Handbook on Safe Operation* for all toll road operations has been developed, and strict adherence to emergency response protocols such as the *Comprehensive Emergency Plan* and *Emergency Plan for Highway Traffic* is ensured to eliminate major accident risks.



Key measures for hazardous chemical management



Effective handling of a hazardous chemical tank truck overturning and leakage accident



Emergency drill for extra-long underwater tunnel

### Ensuring health and safety of contractors, outsourced personnel, and construction staff

The Company is committed to advancing health and safety management for contractors as well as outsourced and construction personnel by identifying and addressing their occupational health and safety risks. We have revised the *Management Rules for Smooth Traffic Cooperative Unit of Jiangsu Expressway*, clearly defining entry conditions for smooth traffic partners, mandating that all construction personnel should undergo safe operation training before site entry. We have also strengthened ongoing health and safety oversight through regular and random safety performance evaluations of contractors. Unqualified contractors shall face penalties or be put on blacklist, and rectification notices will be served for violations of safety regulations. Additionally, random checks are organized to ensure rigorous supervision of road-related operations to hold our bottom line of safety.

We vigorously disseminate our highway maintenance safety regulations and road operation safety supervision rules. By identifying main risks and common non-compliant behaviors in highway construction, and by appointing dedicated personnel to oversee critical tasks such as site setup and procedure standardization, we ensure effective regulation of site safety management. We are working on building a road operation case study base. A comprehensive five-tier safety supervision framework which includes team leaders, administrators, safety officers, involved parties, and responsible individuals, supports the smooth enforcement of safety measures across road operations. Further, all road workers are required to wear appropriate safety gear, and safety signs and anti-collision facilities are in place according to relevant regulations. Inspections across sites are strictly conducted. Any detected hazards prompt immediate on-site corrections, with responsible parties receiving mandatory retraining.

### Case Smart wristband enhances inspection safety through digital innovation

The Southern Passage Management Office introduced a “smart digital wristband” equipped with real-time monitoring and an “SOS” emergency call function. This innovative tool tracks the movements and locations of inspection staff, integrates seamlessly with back-end systems to review inspection trajectories across different times and personnel, and can command nearby cameras for comprehensive oversight. This practice not only streamlines inspections but also significantly boosts the safety of personnel in critical areas such as utility tunnel.



## Smooth traffic

The Company has developed a comprehensive “123” rescue system, encompassing one platform, two dimensions, and three command levels. This initiative has fostered a robust “multi-party” safety alliance with highway traffic police, traffic law enforcement, and local governments involved. We continuously enhance congestion management strategies and response procedures, bolster surveillance of critical road segments, improve our capacity to manage peak traffic periods, and ensure the protection of life and the uninterrupted operation of highways.

### Maintaining smooth traffic under extreme weather conditions

The Company rigorously enforces the *Emergency Plan for Severe Weather Conditions*, fortifies the emergency organizational framework, and has developed the *Jiangsu Expressway Snow and Ice Removal Dispatch Map*. Regular emergency drills are conducted, and road operations are closely monitored through both video surveillance and on-site inspections, keeping a dynamic watch over traffic conditions. Collaboration with meteorological departments is strengthened to deliver timely weather updates and forecasts. Meanwhile, we can proactively prepare emergency resources in advance, such as snowplows, shovels, water pumps, mobile lighting, generators, and de-icing agents. During icy conditions, we would focus on monitoring surface temperatures on bridges.

### Case Delivering speed and warmth to ensure safe and smooth traffic

In response to sudden inclement weather, all divisions of the Company swiftly activated winter emergency protocols, adhered to a 24-hour duty and accident reporting system, and mobilized staff for immediate snow removal. Governing an important pathway for river-crossing, the Wufengshan Management Office devised a detailed *Winter Operation Schedule*, and assigned specific responsibilities across 11 road sections, ensuring readiness of personnel and equipment. The Southern Passage Management Office diligently monitored weather developments and performed comprehensive road inspection combining remote surveillance and physical inspections. The Mashan Maintenance and Drainage Center engaged in extensive snow clearance and de-icing across critical segments, including 19 major and super-large bridges. In response to multiple rear-end collisions on the K247 section of Shanghai-Nanjing Expressway, the Tangshan Maintenance and Drainage Center promptly implemented emergency measures to swiftly restore traffic flow of the “main traffic artery”.

### Heavy traffic handling

The Company diligently implements the *Implementation Rules for Heavy Traffic Response*, hosting meetings with various parties to ensure smooth traffic flow during peak periods. Utilizing advanced systems like the “high-speed brain” for traffic data forecasts and analysis, we predict traffic flow changes during holidays in a scientific way, enhance early warning and forecasting capabilities for rush hours and critical nodes, and improve traffic management and road safety measures. Comprehensive plans and staff deployment maps have been prepared and refined for holiday periods to ensure smooth traffic flow.



Special rectification campaign for congestion-prone road sections through the “one road, three parties” initiative

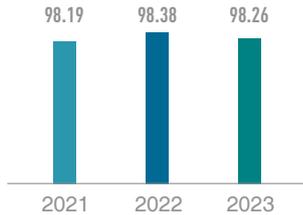
### Case Racing against time for uninterrupted traffic during the Spring Festival rush

During the 2023 Chinese New Year, the traffic volume of the roads under our management was 4.4258 million vehicles, with daily averages exceeding 632,300 and peak cross-sectional flows hitting 216,800 vehicles. In response to challenging weather conditions like rain, fog, ice and snow, and sharp temperature drop, as well as potential emergencies like power outages or equipment failures, the Company proactively conducted emergency drills. We effectively communicated critical information to drivers and passengers through integrated visual and textual prompts and have received positive feedback from the citizens in Wuxi. Throughout the 2023 Chinese New Year, we disseminated over 6,074 updates across various informational displays for all roads under our management.

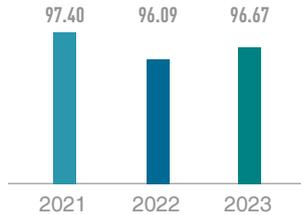


### Hindrance Clearance and Rescue

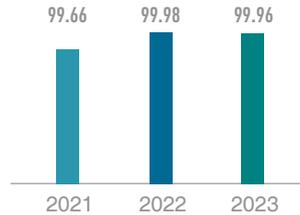
In line with the *Notice on the Management Measures of Jiangsu Communications Holdings on Expressway Hindrance Clearance (Trial) and Related Management Norms, Detailed Rules for Hindrance Clearance Management, Detailed Rules for Hindrance Clearance Implementation, Standard Procedures for Hindrance Clearance and Rescue Operations, and Management Rules for Smooth Traffic Cooperative Unit of Jiangsu Expressway*, the Company continuously enhances its command and dispatch capabilities, along with hindrance clearance and rescue procedures and measures. We ensure the availability of robust hindrance clearance and rescue personnel and resources, reinforce on-site management of clearance operations, and elevate the standardization of these operations.



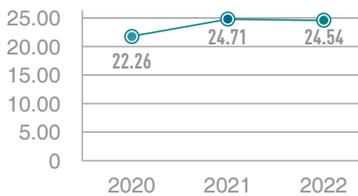
Rate of resumption within 1 hour for normal traffic (%)



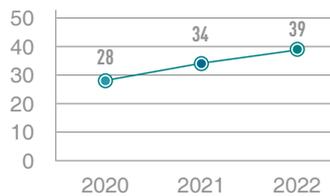
Rate of arrival within 20 minutes for hindrance clearance (%)



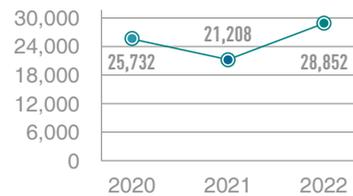
Rate of arrival within 30 minutes for hindrance clearance (%)



Average time for hindrance clearance (minutes)



Number of hindrance clearance spots along the expressway



Total times of hindrance clearance throughout the year

- We implement “3510” and “135” protocols to ensure a response within 3 minutes, action within 5 minutes, and resolution within 10 minutes, continuously enhancing the efficiency of rescue operations.
- We have established a collaborative mechanism for unified hindrance clearance efforts under the Company’s command and dispatch center and the road section command centers, to improve traffic flow and road capacity.

- We maintain a 24-hour readiness for hindrance clearance, coordinating with two other parties during major holidays to provide support for nearby road sections as needed. This collaboration ensures synchronous supervision, alarm responses, and rescue information and thus improves the accuracy and efficiency of responses.
- We have developed three fire rescue stations strategically located in Yangshan, Hengshan, and Yangcheng Lake to bolster collaborative response capabilities.



- We have developed a hindrance clearance team of internal and outsourced personnel to ensure versatility and readiness.
- We offer seasonal training and skills certifications in summer and winter for hindrance clearance personnel, fostering career development and enhancing the team's proficiency and efficiency in incident management and rescue operations.

Key measures for hindrance clearance and rescue

**Case**  **Guaranteeing the security of new energy vehicles**

The Company has pioneered the research of “Guidelines of Rescue Operations for New Energy Vehicles,” successfully developed a mobile charging rescue cabin, and trained the first cohort of fast-responding mobile charging staff. We have streamlined the rescue process for new energy vehicles, reducing the time lanes are occupied by the broken-down vehicles. It significantly decreases the likelihood of secondary accidents, and shortens the recovery time for power-depleted vehicles from 30 minutes to 15 minutes. These efforts ensure that vehicles can smoothly reach the next exit or service area, saving car owners approximately RMB 300 of hindrance clearance costs per incident on average.



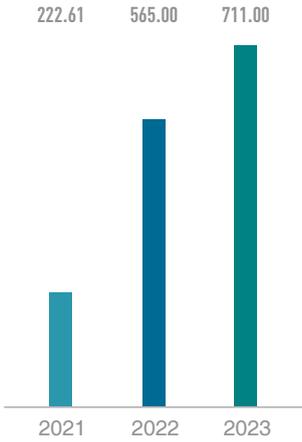
Efficient emergency rescue

## Smart innovation

The Company is enhancing traffic management by integrating digital and intelligent solutions, fostering innovation and efficiency through a novel “technology+” model for smooth traffic management. Our aim is to establish an intelligent highway operation and management model that ensures all-weather traffic flow, fully digitized management, and comprehensive service capabilities. Through digital transformation, new momentum is generated and accelerate the construction of a strong transportation nation.

 **Innovation as the guidance**

The Company seamlessly integrates advanced information technologies into daily operations management, utilizing tools such as ramp control, variable speed limits, and dynamic lane management to effectively alleviate congestion. Furthermore, we are committed to fostering technological independence and continual improvement in our journey to establish ourselves as a world-class enterprise. In the meantime, we leverage quality control (QC) projects as platforms for innovation. Having established a dedicated science and technology research fund, we encourage our primary-level units to pursue bold reforms and innovative ideas, stimulating their creativity and enhancing operational efficiency.



**Scientific research and innovation funds (RMB '0,000)**



The Suzhou Maintenance and Drainage Center's Hongchuan Hindrance Clearance Studio has independently developed a simulation virtual visualization system, V1.0, for emergency lane hindrance clearance on highways, which obtained a computer software copyright registration certificate from the National Copyright Administration, marking a notable advancement towards digital training for hindrance clearance operations

**Smart management and maintenance**

The Company is advancing smart maintenance practices, broadening the deployment of “intelligent unmanned swarming technology,” and spearheading the development of smart roads, bridges, and tunnels. Additionally, it has successfully implemented self-service lanes, achieving a 100% rate of self-service toll booths across roads under its management.



Intelligent patrol robots

Case Traffic “watchman” ensures road safety and information flow

Our Traffic Watchman System integrates toll collection and monitoring networks with AI, big data, and algorithms to proactively detect traffic incidents from diverse data sources. It improves detection accuracy and delivers timely safety warnings, road management updates, and service information to every vehicle owner on the Shanghai-Nanjing Expressway. We’ve initiated a pilot of the Traffic Watchman System at the main ETC gantry in the Suzhou section, which relays traffic and service updates to passing vehicles as needed. Currently, 215 million ETC vehicles receive continuous audio alerts. Providing a comprehensive, scenario-based safety warning service, this system acts as both a vigilant watchman and a protective guardian.

Digital transformation

Under the initiative of “digitalizing Jiangsu Expressway,” we are vigorously advancing smart technologies such as toll robots and ETC contactless payment systems for refueling. We are developing a digital operations cockpit and have completed the setup of operational overview and smart highway displays, ensuring 100% integration of key business data. This enhances the public’s travel convenience and supports the fusion and sharing of data across multiple parties, providing real-time visibility of key information.

Case Digital twin revolutionizes service experience

Employing digital twin technology, we are exploring innovative tunnel management strategies beneath Jiangsu’s lakes. Our solution’s networking capabilities support connections with over 100,000 devices across the tunnels, enabling high-precision mapping and the spatial integration of all tunnel elements into a digital cockpit for lane management and simulation. This advanced system improves data governance and intelligent decision-making, facilitating the deduplication, integration, and filtering of extensive datasets to enhance road safety.



Digital twin technology supports road safety

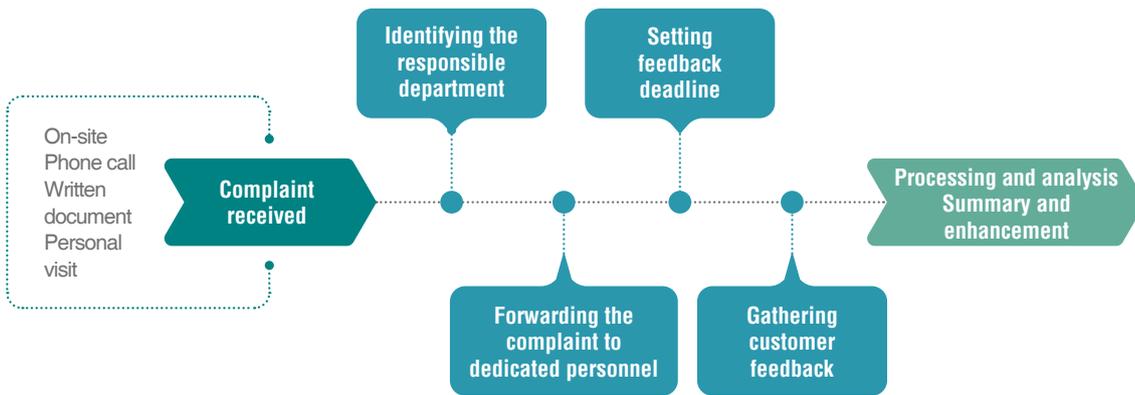
# Reassured Travel

The Company proactively implements the *Opinions on Enhancing the Quality of Service and Operational Efficiency of Expressway Service Areas*. We are enhancing service quality at toll stations and service areas, while vigorously promoting the “JS Expressway Jasmine” branding initiative. With a focus on elevating both “fast passage” and “quality service” for the public, we work to satisfy their expectations for superior travel experiences.

## Toll station operation

We continually advance the service capabilities of toll stations, promoting the full deployment of the free-flow cloud charging system. This system achieves “full coverage” recognition of ETC vehicles, facilitates automatic card issuance within 5 seconds via self-service machines, and enables the completion of the payment process in 18 seconds through smart charging robots, thereby meeting the public’s growing expectations for a better life.

In alignment with the *Management Measures on Handling Complaints*, the Company enhances the resolution mechanism and regularly train customer service staff. To attentively listen to customers, we display complaint phone numbers and suggestion boxes at service areas, and facilitate multi-channel communication through platforms such as 96777, 95022, WeChat, and 12345 hotline. A standardized complaint handling workflow guarantees consistent resolution times and requirements, with dedicated personnel managing real-time coordination and supervision to ensure timely resolution, tracking, and review of complaints, thereby proactively addressing customers’ concerns.



Complaint Handling Process



Note 1: In 2023, the increase in customer complaints was primarily due to: 1) Billing disputes. Some ETC bundle users experienced automatic deductions at payment lanes due to CPC card issues, leading to double payments; some vehicle owners raised objections to the charges even when the billing is functioning correctly. 2) Increased traffic on roads under the Company’s management led to complaints regarding toll inspection coordination with other provinces and road conditions.

Honors and Awards

- 🏆 Nanjing Toll Station received the **“Top 10 High-Quality Service Centers”** award
- 🏆 Gaoqiao Maintenance and Drainage Center, Suzhou Toll Station, and Tianwang Toll Station have been recognized as **“high-quality service centers”**
- 🏆 Gaoqiao Toll Station obtained **“Five-Star Rating for On-Site Management”**

Case **Creating barrier-free toll stations with cloud-based tolling**

Suzhou Station, a representative of high-traffic toll stations, has implemented the Free Flow Tolling (FFT) 2.0 digital system to create a comprehensive platform that integrates online billing, special case handling, and fee auditing. Powered by platform-based big data, this system ensures a billing accuracy rate of 100%, automates backstage handling of special cases, and enhances operational efficiency by more than sixfold, exemplifying the concept of “vehicles in motion, cloud-based processing.”



Online cloud customer service available at a simple touch of the “Help” button, offering “one-on-one” assistance and guidance to drivers and passengers through visual and immediate online services

## Service areas

The Company is committed to the vision of “better beyond the road,” consistently prioritizing the service quality of its service areas. We guarantee the availability and readiness of essential facilities like water rooms, bathrooms, and lactation rooms, providing high-quality services with meticulous attention to user needs. Furthermore, we have created numerous aesthetically pleasing and high-quality service areas that have become popular destinations on social media, garnering recognition and coverage from prominent media outlets such as CCTV News, Jiangsu TV, and Litchi News.



Expanding service area functions

In response to the specific needs of drivers and passengers and leveraging regional characteristics, the Company has defined unique roles for each service area. We have expanded functionalities by incorporating smart amenities such as smart public toilets, smart parking, and smart charging stations, thereby continuously enhancing service quality and operational management.

Honors and Awards

- 5 service areas—Yangcheng Lake, Meicun, Maoshan, Fangmaoshan, and Guangling (Yangzhou) Service Areas—have been recognized as the first batch of **“Outstanding Jiangsu Expressway Service Areas for Civilization Progress”**
- Yangcheng Lake, Fangmaoshan, and Guangling (Yangzhou) Service Areas have also been designated as **“National Outstanding Expressway Service Areas for Tourism”**

Yangcheng Lake Service Area in Suzhou, designed to mirror the beauty of Suzhou Gardens



Fangmaoshan Service Area in Tianning District, Changzhou, noted for its unique dinosaur settings and a prehistoric ambiance



Gehu Service Area in Wujin District, Changzhou, styled like a magical castle



Meicun Service Area in Xinwu District, Wuxi, offering a comprehensive shopping mall complex with dining, entertainment, and shopping options



Donglushan Service Area in Lishui District, Nanjing, featuring recreational sailing and canoe activities



Douzhuang Service Area in Danyang City, Zhenjiang, known for its on-the-go eye-wear solutions

Enhancing customer experience

The Company rigorously adheres to relevant policies, including the *Notice on Continuing to Implement the Expressway Toll Reduction and Exemption Policy for Vehicles in Jiangsu Province*, *Jiangsu Province Regulations on Reduced Tolling for Port and Rail Container Transport*, and the *Notice on Enhancing and Expanding the “Express Channel” Service for Fresh Agricultural Product Transport*. We ensure streamlined access services with preferential prices, engage in responsible marketing, and disseminate timely information to the public through toll station signs, our official website, WeChat official account, and other communication channels.

In 2023



Toll fee reductions and exemptions for major festivals and holidays amounted to approximately RMB **379.2015** million<sup>1</sup>. Fee reductions for green express channels totaled RMB **92.1781** million

Note 1: These figures excluded daily ETC discounts for buses and trucks.

# Win-win Partnerships

The Company actively strengthens communication and exchange with suppliers. By listening to business partners' concerns and needs, we provide professional technical guidance and support for their development. We are dedicated to creating a responsible supply chain that promotes shared development and mutual benefits.

## Establishing a responsible supply chain

The Company is committed to cultivating strong partnerships with suppliers, emphasizing various requirements related to environmental standards, labour rights, safety etc. We actively practice responsible procurement, and encourage our suppliers to adopt eco-friendly products. Through mutual trust and collaboration, we join hands with upstream and downstream partners in the supply chain to advance sustainable development.

### Responsible procurement

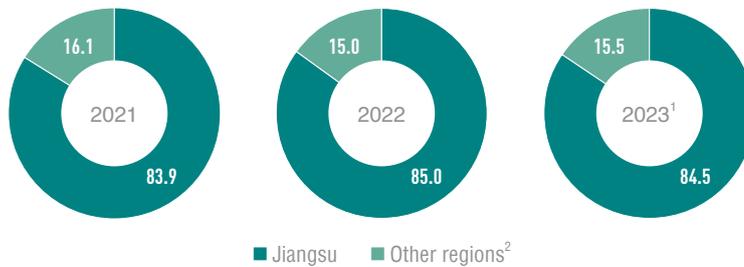
The Company strictly implements the *Green Procurement Guidelines, Bidding and Procurement Management Measures, Supplier Management Measures, Management Rules for Environmental Impact Control of Stakeholders*, and other relevant specifications, and perfects our *Details on Procurement Management Implementation (Trial)*. By refining responsibility division, applicable situations for procurement methods, and approval processes, a procurement management mechanism has been developed. This system underscores rigorous pre-planning, strict control during execution, and careful post-procurement evaluation, providing business guidance and an institutional basis for the Company's procurement management.

We offer comprehensive training on procurement systems, approaches, authorization, and compliance. We have also upgraded our procurement platform to integrate data across different business units involved in the procurement process, offering a clearer interface, more standardized procedures, and more user-friendly operations. This allows for end-to-end visibility and control over the entire procurement cycle, ensuring our project database is both thorough and accessible. Furthermore, we have strengthened our compliance and post-implementation review processes for procurement and tendering projects. We now require the signing of integrity and safety agreements, and have introduced additional approval steps for new procurement needs and documentation. These measures enable us to set up a scientific and rational procurement database.

### Supplier management

The Company rigorously evaluates and admits suppliers in accordance with the *Supplier Management Measures*. We promptly gather information on supplier misconduct related to product quality, delivery, and service. We conduct thorough reviews of suppliers' HSE management systems, and bidders are required to provide quality and environmental certifications as a way to gain preferential consideration. We also conduct regular reviews on suppliers' procurement practices, ensuring that all upstream supplier licenses and product quarantine certificates are in order.

The Company values the management of suppliers' responsibilities during the cooperation process. We conduct regular reviews to ensure supplier qualifications, and we strictly prohibit non-compliant behaviors such as collusive bidding, once discovered such supplier will be blacklisted. In addition, we evaluate contractors' performance in contract fulfillment on a regular basis, the evaluation results shall serve as important basis as supplier selection, increasing orders and implementation of rewards and penalties.



Note 1: The number of our suppliers in 2023 was 871.

Note 2: Other regions include South China, North China, Southwest China, Northwest China, Northeast China, Central China, and overseas areas.

Percentage of suppliers by geographical region (%)

## Boosting industrial development

The Company actively contributes suggestions for the healthy development of the industry and social progress. By participating in the formulation and improvement of industry standards such as the *Guidelines on Expressway Vehicle Rescue Service Standardization Construction* and the *Guidelines on Joint Maintenance of Expressway-Railway Suspension Bridges*, we organize and host industry exchange events, establish industry exchange platforms to share our cutting-edge achievements with our industry peers, promoting the sustainable development of the industry.



The Ningchang Management Office, in partnership with the high-speed traffic police and the traffic law enforcement agencies, jointly entered into the “One Road, Three Parties” Collaboration Agreement for Integrated Cooperation along the Route.



Our presence at 29th ITS World Congress

# People First

The Company attaches importance to the protection of the rights and interests of every employee. We foster a supportive platform for growth and development, continuously safeguard their health and safety, pay attention to employee work and life. Actively fostering a happy and harmonious working atmosphere, the Company is dedicated to achieving resonance between talent growth and company development.

## Protecting employee rights and interests

The Company strictly abides by relevant national and local laws and regulations, including the *Labour Law*, *Labour Contract Law*, *Employment Promotion Law*, the *Social Insurance Law* and *Regulation Salary Payment of Jiangsu Province*, and enters into labour contracts with employees in accordance with the law. We also provide equal employment opportunities to workers with non-discriminatory human resources system implemented, ensure the legitimate rights and interests of employees, and persist in fair and equal employment.

### Equal and diverse work environment

The Company is committed to protecting employees' rights and interests, insisting on equal pay for equal work, upholding gender equality in recruitment. Our article of association has explicitly stipulated the relevant content of labour organization. Implementing the *Organizational Structure and Position Establishment Management Measures*, we prohibit forced labour and the hiring of minors under the age of sixteen. The identity information of new recruits shall be thoroughly verified, and the candidates will be rejected if any recruitment-related violations are found. When entering into agreements with suppliers and contractors, it is explicitly stipulated that child labour and forced labour in any forms are prohibited in accordance with the provisions of the *Labour Law*. The Company firmly opposes sexual harassment in the workplace and strictly prohibits discriminatory terms based on gender, nationality, and religious belief in the recruitment. In case of violations, the Company shall refuse to hire and strictly follows the relevant legal procedures for terminating the employment relationship according to the *Labour Contract Law* and other relevant laws and regulations.

In 2023



The signing rate of labour contracts was **100%**



**16** talents were introduced through spring campus recruitment and social recruitment.

### Honors and Awards

In 2023, we received the honorary title of **“National Demonstration Enterprise for the Creation of Harmonious Labour Relations”**.

### Compensation and benefits

In strict accordance with national laws and regulations related to compensation, we establish comprehensive compensation policies, including the *Total Wage Management Measures*, *Salary Management Regulations*, and *Wage Payment Management Rules*. In addition, according to regulations such as the *Regulations on Supplementary Medical Insurance*, *Corporate Annuity Implementation Details*, and *Regulations on Annual Paid Leave*, we provide our staff with six social insurances and two funds, as well as accident and supplementary medical insurance coverage. We also arrange for annual health check-ups and extend this care to our retired employees by offering them regular health screenings and festive greetings. The Company is committed to ensuring that all employees receive fair compensation, comprehensive social insurance, adequate rest and vacation time, and proper labour protection.

In 2023



The social insurance coverage was **100%**

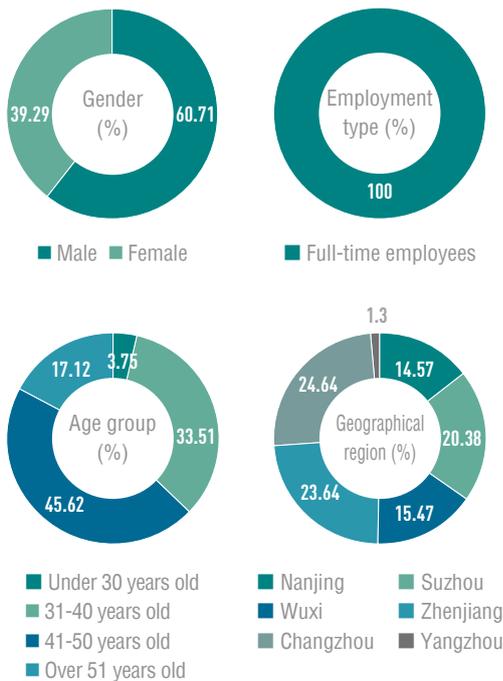
**Democratic management**

The Company continues to improve the systems of workers congress, transparent corporate governance, solicitation of employees' opinions, employees' rational proposal and other relevant systems. We ensure that employee representatives are elected in accordance with the law and that factory affairs are conducted with transparency. When formulating, amending, or deciding on matters directly related to employee interests, such as labour remuneration, working hours, rest and vacation, labour safety and health, insurance benefits, and employee training, we engage the workers congress or all employees in discussions to gather proposals and feedback, ensuring the democratic management makes our employees feel satisfied. In 2023, we achieved a 100% membership rate in our trade union.

Indicator	2021	2022	2023
Employee satisfaction (point)	80.9	81.9	81.14



A trade union performance capability training program held to improve the ability of trade union cadres and employee representatives to fulfill their duties and participate in political discussions in 2023



Percentage of employees by gender, age group, employment type and geographical region (%)

Category	2021	2022	2023	
Gender	Male	0.0518	0.9343	0.3100
	Female	0.7768	0.7089	0.3500
Age group	Under 30 years old	0.2071	2.8409	0.7200
	31-40 years old	0.4920	1.1446	0.4000
	41-50 years old	0.1036	0.4132	0.3000
	Over 51 years old	0.0259	0	0.1600
Geographical region	Nanjing	0.0777	2.3256	0.7400
	Suzhou	0.1813	0.2500	0.4000
	Wuxi	0.1036	0.9608	0.1800
	Zhenjiang	0.0777	0.1896	0
	Changzhou	0.3884	0.9414	0.4400
	Yangzhou	0	1.8182	0

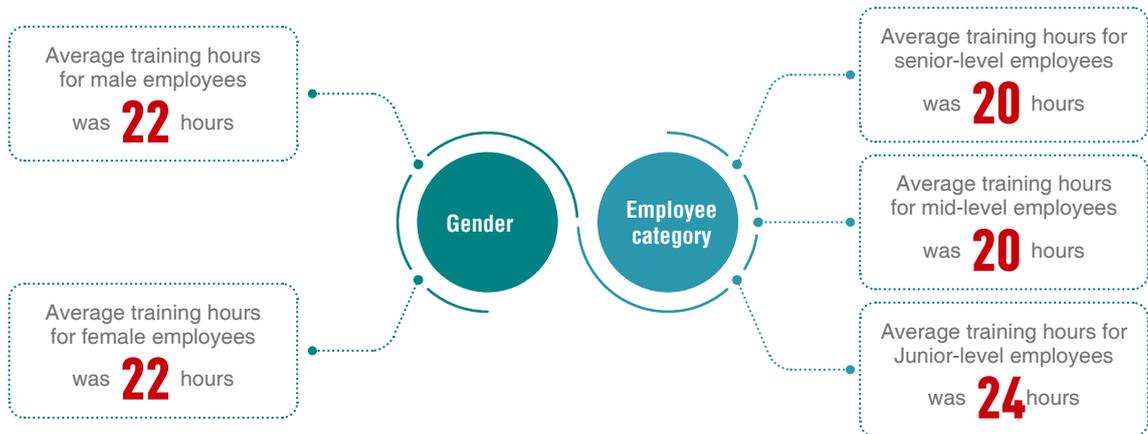
Employee turnover rate by gender, age group and geographical region (%)

## Employee promotion and development

Adhering to the principles of “democracy, openness, competition, and meritocracy” in selecting management personnel, we formulate the *Regulations on Public Recruitment of Talent (Trial)* to facilitate the effective introduction, promotion, and development of talent. Additionally, we have improved the *Employee Education and Training Management System* to align with both organizational needs and individual employee growth, continuously paying attention to employee training needs. Through comprehensive and diverse training initiatives, we help our employees enhance their professional skills and overall competency, promoting their career development. Meanwhile, we comprehensively promote the development of the intelligent assessment system for skill appraisal, implement skill level certifications for positions such as road clearance personnel, striving to cultivate a team of knowledgeable, skilled, and innovative employees.



Improve the staff training mechanism



Average training hours for employees

**In 2023**



RMB **15,603,816.47** was invested in employee training.



**4,754** employees participated in the training sessions, achieving a coverage rate of **100%**.



The average training hours per employee amounted to **22** hours.

## Occupational health and safety

In line with the *Law on Prevention and Control of Occupational Diseases*, the *Jiangsu Province Labour Protection Regulations*, and the *Work Injury Insurance Regulations*, the Company has formulated *Rules for Employee Labour Safety Protection and Health Management* and *Rules for Work Safety Education and Training*, which cover environmental and safety requirements for production, operation, and construction sites. We allocate labour protection expenses for employees, regularly organize training and annual inspections tailored to specialized post such as plumbing and electrical work. In addition, we also introduce personalized “Health Records” for all employees, offering a range of attentive services such as mental health screening, lectures, and counseling to ensure the health and safety of employees. In 2023, we successfully passed the annual review for the GB/T45001-2020/ISO45001:2018 occupational health and safety management system.

In 2023



the coverage rate for health check-ups was **100%**.

Indicator	2021	2022	2023
Work-related fatalities	0	0	1 <sup>1</sup>
Lost workdays due to work-related injuries	1,722	1,563	458.85

Note 1: In 2023, one person passed away of sudden illness while on standby duty.

## Enriching employees' lives

We are committed to enhancing the well-being of our staff by implementing the “Happy Jiangsu Expressway” initiative. This program is designed to enrich employees' lives through a monthly thematic event that promotes a vibrant corporate culture. It serves as a platform for showcasing talents, expressing individuality, and cultivating their minds. The Company strives to create an environment that encourages a positive and healthy cultural life. Additionally, efforts are made to improve staff satisfaction and comfort through improvements in canteen services, dormitory conditions, shuttle bus reliability, and office comfort, ensuring that employees can enjoy their meals with contentment and feel at home in their living quarters.

### Case Supporting employees with childcare during the summer break

Recognizing that the growth of children is a paramount concern for parents, the Company continues to explore a development model that integrates family and professional life, caring for both the physical and mental well-being of employees. To support employees with children, we provide family-friendly dormitories suitable for learning and development. For several consecutive years, the Company has organized “Summer Camp for Employees' Children” activities, offering tailor-made high-quality courses in calligraphy, programming, baking, and outdoor educational experiences. These initiatives ensure that children have an enriching and diverse summer vacation while their parents are at work.



“Summer Camp for Employees' Children” activities

Case  **Empowering women with more care and recognition**

The Company values and pays attention to the needs of female employees by prioritizing key initiatives such as “establishing a comprehensive policy system for maternity support” and “alleviating the burden of childcare and education for employees.” Through on-site visits, surveys, and careful consideration of employee feedback, we have introduced the “Mommy-friendly Jobs” initiative, which allows female employees responsible for taking care of children under three years old to take up roles with more flexible working hours and management styles. Additionally, we are pioneering the development of dedicated spaces for female employees, enhancing our “Mommy’s Corner” to cater to the unique needs of women at different life stages.

In 2023



**75** employees in need were provided with assistance and support, and RMB **39,300** was distributed from the special assistance fund for employees in extreme hardship.



The fitness fishing friendship match in “Jiangsu Expressway Cup” competition



Visiting and providing assistance for the employees in financial difficulties



Our employee’s snapshot in the iron ring relay competition at the 2023 Fun Games of Jiangsu State-owned Enterprises’ Sports Meeting

# Social Contribution

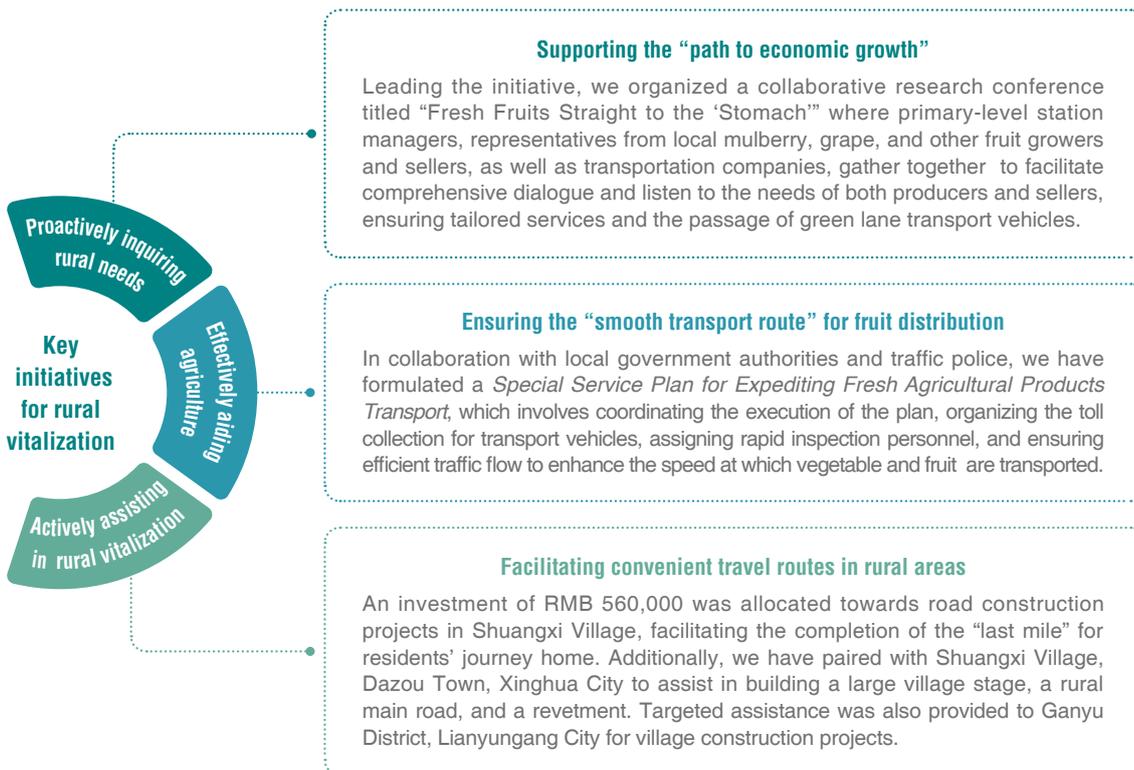
The Company proudly embraces its mission of “Powering Transportation, Fostering Prosperity, and Empowering Business.” We champion public welfare, actively engage in philanthropic endeavors, and embody the spirit of volunteerism. Committed to rural revitalization, we inspire and lead our employees to engage in social welfare initiatives, collectively making a meaningful contribution to societal harmony.

## Emphasizing community impacts

The Company places a high value on community relationship management and gains insight into the actual needs of the public through regular visits and surveys. To alleviate the impact of highway noise on residents along the route, we have commissioned professional monitoring units to conduct noise monitoring at sensitive points along the route. Considering the relationship between sensitive points and road locations, as well as factors such as dust and snow prevention and reduction of outdoor noise impact, we have taken measures to add sound barriers, effectively improving the satisfaction of residents living along the highway.

## Supporting rural vitalization

The Company is dedicated to pioneering the “Jiangsu Expressway Model” for how state-owned enterprises can catalyze rural vitalization. We are intensifying our village-enterprise assistance endeavors, ensuring steady progress in targeted assistance. Through an array of activities that support agricultural development in rural areas, we are expanding the options for facilitating the sale of agricultural products. By adopting a “Purchase for Support” approach, we are effectively helping to market these products. Additionally, we are combining financial support with cultural assistance to advance the creation of vibrant and beautiful villages that are ideal for both living conditions and business environments.



In 2023

 RMB **1.32** million was invested in rural vitalization, benefiting **5,660** individuals.



Our staff help tea farmers in picking tea leaves, harvesting the first batch of spring tea in time to increase production and income of the local industry with our concrete actions.

## Engaging in public welfare activities

The Company has improved its employee volunteer management system, formulated the *Volunteer Service Work Manual*, and gradually established and improved operational mechanisms for volunteer recruitment, work coordination, training, long-term management, assessment, as well as recognition and motivation etc. For 18 consecutive years, we have carried out charity events to support education, conducted Chongyang Festival welfare visit activities for 15 consecutive years, and organized public welfare blood donation activities for 6 consecutive years. We also encourage employees to participate in public welfare activities such as caring for children with autism and donating old clothes. We are using our concrete efforts to give back to the society and have built a trustworthy corporate image.

### Case “168”, Your companion on the journey

The Company consistently provided the “168 (Your companion on the journey)” volunteer service, offering a range of diversified and one-stop services to travelers. The Changzhou Toll Station was dedicated to serving passengers with services including food warming, drinking water, and vehicle repairs, along with hosting unique events such as the “Spring Festival Love · Going Home” initiative and traditional holiday food festivals. At the Mashan Toll Station, “168” volunteers provided guidance on exploring the “Nantaihu” tourism resort, assisted with cooling brake systems to prevent hazardous overheating of tires or brakes, and worked tirelessly to build the reputation of the “168” volunteer service brand.



The “168 (Your companion on the journey)” volunteers are clearing snow from license plates.

In 2023



we had **1,150** volunteers, with **875** volunteers service hours and **2,546** participants involved.

### Honors and Awards

The Xianrenshan Service Area was honored as the second batch of **“Standardized Site for Jiangsu Transportation Volunteer Services.”**



The flag rewarding to our “Female Expressway Volunteer Service Team” by the Danyang Municipal Government



Jiangsu Expressway Mothers help children with paper folding, drawing lines, and cutting



The Company is listed among the 2022 Model Enterprises for CSR Practices in Jiangsu Province

# About This Report

## Reporting Objectives

Jiangsu Expressway has released social responsibility report annually since 2009 to disclose the Company's social responsibility philosophy, management practices and performance to the shareholders, creditors, employees, customers and other stakeholders. We hope that this report will serve as a bridge for communication and interaction with all sectors of the society, whereby they could have a better understanding of the Company. At the same time, with the issuance of this report, we are subject to the oversight of all parties concerned, which will procure the Company to make further contributions to the sustainable development of the economy, society and environment.

## Reporting Principles

This is the first Environmental, Social, and Governance (ESG) report released by Jiangsu Expressway. This report is prepared in accordance with the *Environmental, Social and Governance Reporting Guide* (HK-ESG) issued by The Stock Exchange of Hong Kong Ltd., and *GRI Sustainability Reporting Standards* (GRI Standards) issued by the Global Sustainability Standards Board (GSSB). In this report, we give more detailed information on our disclosure on management approach (DMA) towards material topics and focus on measuring our performance in corresponding sustainability issues.

This report complies with the provisions of "Comply or Explain" and the reporting principles of "materiality", "quantitative", "balance", and "consistency" of HK-ESG.

**Materiality:** The identification and assessment of key topics is conducted based on the expectations of stakeholders. Material topics are prioritized from two dimensions: significance to the sustainable development of the Company and significance to stakeholders and will be highlighted in the report.

**Quantitative:** Data on the standards, methods, assumptions, and calculation tools used to report emissions and energy use have been disclosed in this report. The sources of the conversion factors used have been disclosed in this report, and quantitative targets have been set for key topics.

**Balance:** This report presents the Company's practices and achievements in environmental, social, and governance aspects without bias, and does not deliberately avoid disclosing negative information, which presents the content that can reasonably evaluate the overall performance of the Company to stakeholders.

**Consistency:** The statistical methods used in this report remain consistent with previous years. If there are any changes or modifications to the statistical methods or key performance indicators, clear explanations will be provided in the corresponding places.

## Reporting Period

The report mainly covers information about our management and practice from January 1, 2023 to December 31, 2023. For the purpose of complete and timely information disclosure, certain contents may extend beyond the stated period.

## Reporting Cycle

This annual report is the 15th CSR report or ESG report released by Jiangsu Expressway. The most recent report was published in March 2023.

## Reporting Boundary

The Report covers Jiangsu Expressway and its 7 wholly-owned subsidiaries and 4 non-wholly owned subsidiaries (consistent with the scope covered by the consolidated financial statements, excluding quantitative data and financial information).

## Preparation Basis

This report was prepared in accordance with *HK-ESG, Guidelines on Preparation of CSR Reports* issued by Shanghai Stock Exchange, *GB/T 36001 Guidance on Social Responsibility Reporting*, *GRI Standards* and *Guidance on Social Responsibility (ISO 26000:2010)* issued by International Organization for Standardization (ISO). It integrated relevant key guidelines and standards and highlighted the characteristics of the industry and the Company.

## Information Source

All related materials, data and cases are provided by the Company and have been reviewed by relevant departments.

## Reference

For better presentation and readability, "Jiangsu Expressway Company Limited" in this report also is referred to as "Jiangsu Expressway", "the Company" and "We".

## Report Access

The Report is available in Chinese and English versions. For any discrepancies between the two versions, the Chinese version shall prevail. You can download the electronic version of the report on the website of Shanghai Stock Exchange ([www.sse.com.cn](http://www.sse.com.cn)) and SEHK ([www.hkexnews.hk](http://www.hkexnews.hk)) and the Company's website ([www.jssexpressway.com](http://www.jssexpressway.com)). If you need a printed report or have any suggestion, please contact us as follows:

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# HK-ESG Content Index

Indicators	Report Content	Page
<b>A.Environmental</b>		
<b>General Disclosure</b> Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to air and greenhouse gas emissions, discharges into water and land, and generation of hazardous and non-hazardous waste.	<b>Pioneering a Low-Carbon Future</b> ——Environmental Management	P33-36
<b>A1.1</b> The types of emissions and respective emissions data	<b>Pioneering a Low-Carbon Future</b> ——Environmental Management	P35-36
<b>A1.2</b> Direct (Scope 1) and energy indirect (Scope 2) greenhouse gas emissions (in tonnes) and, where appropriate, intensity (e.g., per unit of production volume, per facility).	<b>Pioneering a Low-Carbon Future</b> ——Climate Response	P32
<b>Aspect A1- Emissions</b> <b>A1.3</b> Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g., per unit of production volume, per facility)	<b>Pioneering a Low-Carbon Future</b> ——Environmental Management	P35-36
<b>A1.4</b> Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g., per unit of production volume, per facility)	<b>Pioneering a Low-Carbon Future</b> ——Environmental Management	P35-36
<b>A1.5</b> Description of emission target(s) set and steps taken to achieve them.	<b>Pioneering a Low-Carbon Future</b> ——Climate Response	P31、P34-35
<b>A1.6</b> Description of how hazardous and nonhazardous wastes are handled, and a description of reduction target(s) set and steps taken to achieve them.	<b>Pioneering a Low-Carbon Future</b> ——Climate Response <b>Pioneering a Low-Carbon Future</b> ——Environmental Management	P31、P34-35
<b>General Disclosure</b> Policies on the efficient use of resources, including energy, water and other raw materials	<b>Pioneering a Low-Carbon Future</b> ——Environmental Management	P38-39
<b>Aspect A2-Use of Resources</b> <b>A2.1</b> Direct and/or indirect energy consumption by type (e.g., electricity, gas or oil) in total (kWh in'000s) and intensity (e.g., per unit of production volume, per facility)	<b>Pioneering a Low-Carbon Future</b> ——Environmental Management	P38
<b>A2.2</b> Water consumption in total and intensity (e.g., per unit of production volume, per facility)	<b>Pioneering a Low-Carbon Future</b> ——Environmental Management	P39
<b>A2.3</b> Description of energy use efficiency target(s) set and steps taken to achieve them.	<b>Pioneering a Low-Carbon Future</b> ——Climate Response	P30、P37-38

	Indicators	Report Content	Page
<b>Aspect A2-Use of Resources</b>	<b>A2.4</b> Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency target(s) set and steps taken to achieve them.	<b>Pioneering a Low-Carbon Future</b> —Environmental Management	P39
	<b>A2.5</b> Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced	—	Note: It is not applicable due to the business type of the Company.
<b>Aspect A3-The Environment and Natural Resources</b>	<b>General Disclosure</b> Policies on minimizing the issuer's significant impact on the environment and natural resources.	<b>Pioneering a Low-Carbon Future</b> —Ecological Care	P41-42
	<b>A3.1</b> Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them	<b>Pioneering a Low-Carbon Future</b> —Ecological Care	P41-42
<b>Aspect A4-Climate Change</b>	<b>General Disclosure</b> Policies on identification and mitigation of significant climate-related issues which have impacted, and those which may impact, the issuer.	<b>Pioneering a Low-Carbon Future</b> —Climate Response	P25-32
	<b>A4.1</b> Description of the significant climate-related issues which have impacted, and those which may impact, the issuer, and the actions taken to manage them.	<b>Pioneering a Low-Carbon Future</b> —Climate Response	P25-32
<b>B. Social</b>			
<b>Aspect B1-Employment</b>	<b>General Disclosure</b> Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare.	<b>Embracing High-Quality Life</b> —People First	P62-66
	<b>B1.1</b> Total workforce by gender, employment type, age group and geographical region	<b>Embracing High-Quality Life</b> —People First	P63
	<b>B1.2</b> Employee turnover rate by gender, age group and geographical region	<b>Embracing High-Quality Life</b> —People First	P63
<b>Aspect B2-Health and Safety</b>	<b>General Disclosure</b> Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to providing a safe working environment and protecting employees from occupational hazards.	<b>Embracing High-Quality Life</b> —High-Quality Expressways <b>Embracing High-Quality Life</b> —People First	P49-51、 P65
	<b>B2.1</b> Number and rate of work-related fatalities occurred in each of the past three years including the reporting year.	<b>Embracing High-Quality Life</b> —People First	P65
	<b>B2.2</b> Lost days due to work injury	<b>Embracing High-Quality Life</b> —People First	P65

Indicators		Report Content	Page
<b>Aspect B2-Health and Safety</b>	<b>B2.3</b> Description of occupational health and safety measures adopted, how they are implemented and monitored	<b>Embracing High-Quality Life</b> ——High-Quality Expressways <b>Embracing High-Quality Life</b> ——People First	P49-51、 P65
	<b>General Disclosure</b> Policies on improving employees' knowledge and skills for discharging duties at work. Description of training activities	<b>Embracing High-Quality Life</b> ——People First	P64
<b>Aspect B3-Development and Training</b>	<b>B3.1</b> The percentage of employees trained by gender and employee category (e.g., senior management, middle management)	<b>Embracing High-Quality Life</b> ——People First	P64
	<b>B3.2</b> The average training hours completed per employee by gender and employee category	<b>Embracing High-Quality Life</b> ——People First	P64
<b>Aspect B4-Labour Standards</b>	<b>General Disclosure</b> Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.	<b>Embracing High-Quality Life</b> ——People First	P62
	<b>B4.1</b> Description of measures to review employment practices to avoid child and forced labour.	<b>Embracing High-Quality Life</b> ——People First	P62
	<b>B4.2</b> Description of steps taken to eliminate such practices when discovered.	——	Note: During the reporting period, there was no violation of relevant laws and regulations.
<b>Aspect B5-Supply Chain Management</b>	<b>General Disclosure</b> Policies on managing environmental and social risks of the supply chain	<b>Embracing High-Quality Life</b> ——Win-win Partnerships	P60-61
	<b>B5.1</b> Number of suppliers by geographical region	<b>Embracing High-Quality Life</b> ——Win-win Partnerships	P60
	<b>B5.2</b> Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, how they are implemented and monitored	<b>Embracing High-Quality Life</b> ——Win-win Partnerships	P60-61
	<b>B5.3</b> Description of practices used to identify environmental and social risks along the supply chain, and how they are implemented and monitored.	<b>Embracing High-Quality Life</b> ——Win-win Partnerships	P60-61
	<b>B5.4</b> Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored.	<b>Embracing High-Quality Life</b> ——Win-win Partnerships	P60-61

	Indicators	Report Content	Page
Aspect B6-Product Respon- sibility	<b>General Disclosure</b> Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to health and safety, advertising, labelling and privacy matters relating to products and services provided and methods of redress.	<b>Being Committed to Robust Development</b> ——Business Ethics <b>Embracing High-Quality Life</b> ——High-Quality Expressways <b>Embracing High-Quality Life</b> ——Reassured Travel	P20、P49-54、 P57-59
	<b>B6.1</b> Percentage of total products sold or shipped subject to recalls for safety and health reasons.	——	Note: It is not applicable due to the business type of the Company.
	<b>B6.2</b> Number of products and service related complaints received and how they are dealt with	<b>Embracing High-Quality Life</b> ——Reassured Travel	P57
	<b>B6.3</b> Description of practices relating to observing and protecting intellectual property rights.	<b>Being Committed to Robust Development</b> ——Business Ethics	P19
	<b>B6.4</b> Description of quality assurance process and recall procedures.	——	Note: It is not applicable due to the business type of the Company.
	<b>B6.5</b> Description of consumer data protection and privacy policies, how they are implemented and monitored	<b>Being Committed to Robust Development</b> ——Business Ethics	P20
Aspect B7-An- ti-corrup- tion	<b>General Disclosure</b> Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to bribery, extortion, fraud and money laundering.	<b>Being Committed to Robust Development</b> ——Business Ethics	P16-17
	<b>B7.1</b> Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases.	<b>Being Committed to Robust Development</b> ——Business Ethics	P16
	<b>B7.2</b> Description of preventive measures and whistle-blowing procedures, how they are implemented and monitored	<b>Being Committed to Robust Development</b> ——Business Ethics	P16
	<b>B7.3</b> Description of anti-corruption training provided to directors and staff.	<b>Being Committed to Robust Development</b> ——Business Ethics	P17
Aspect B8-Com- munity Investment	<b>General Disclosure</b> Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take into consideration the communities' interests	<b>Embracing High-Quality Life</b> ——Social Contribution	P65-69
	<b>B8.1</b> Focus areas of contribution (e.g., education, environmental concerns, labour needs, health, culture, sport)	<b>Embracing High-Quality Life</b> ——Social Contribution	P65-69
	<b>B8.2</b> Resources contributed (e.g., money or time) to the focus area	<b>Embracing High-Quality Life</b> ——Social Contribution	P68-69



# Feedback Form

Thank you for reading Jiangsu Expressway Company Limited *Environmental, Social, and Governance (ESG) Report 2023*. We highly value and are looking forward to receiving your feedback on our ESG performance and this report. Your suggestions and comments are valuable basis for us to continue to improve our quality of ESG disclosure and to promote our ESG management and practices. Please complete the form below and send it to us via mail or e-mail. We wholeheartedly appreciate your valuable suggestions!

**What is your overall impression of this report?**

- Very good     Good     Average     Poor     Very poor

**How is the structure of this report?**

- Well-designed     Reasonable     Average     Ill-designed     Unreasonable

**How about the readability of this report?**

- Very easy     Easy     Average     Very hard     Obscure

**Which ESG topics are your top concerns? (Multiple choice)****Environmental**

- Climate change response     Environmental impact alleviation  
 Green and low-carbon operations     Biodiversity protection and land use

**Social**

- Road safety     Technological innovation     Smooth traffic  
 Occupational health and safety     Customer service  
 Protecting of employees' rights and interests     Intelligent maintenance  
 Supply chain management     Employee development  
 Social welfare     Industrial development     Rural vitalization

**Governance**

- Compliance and risk management     Integrity and anti-corruption

**How is the disclosure of issues of your concern?**

- Very comprehensive     Comprehensive     Touched hereupon  
 Partially involved     Barely mentioned

**What kind of additional information do you expect to see in this report?**

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**What are your suggestions on our ESG performance or this report:**

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