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SHENZHEN EXPRESSWAY



Shenzhen Expressway Corporation Limited

Environmental, Social and Governance Report 2025

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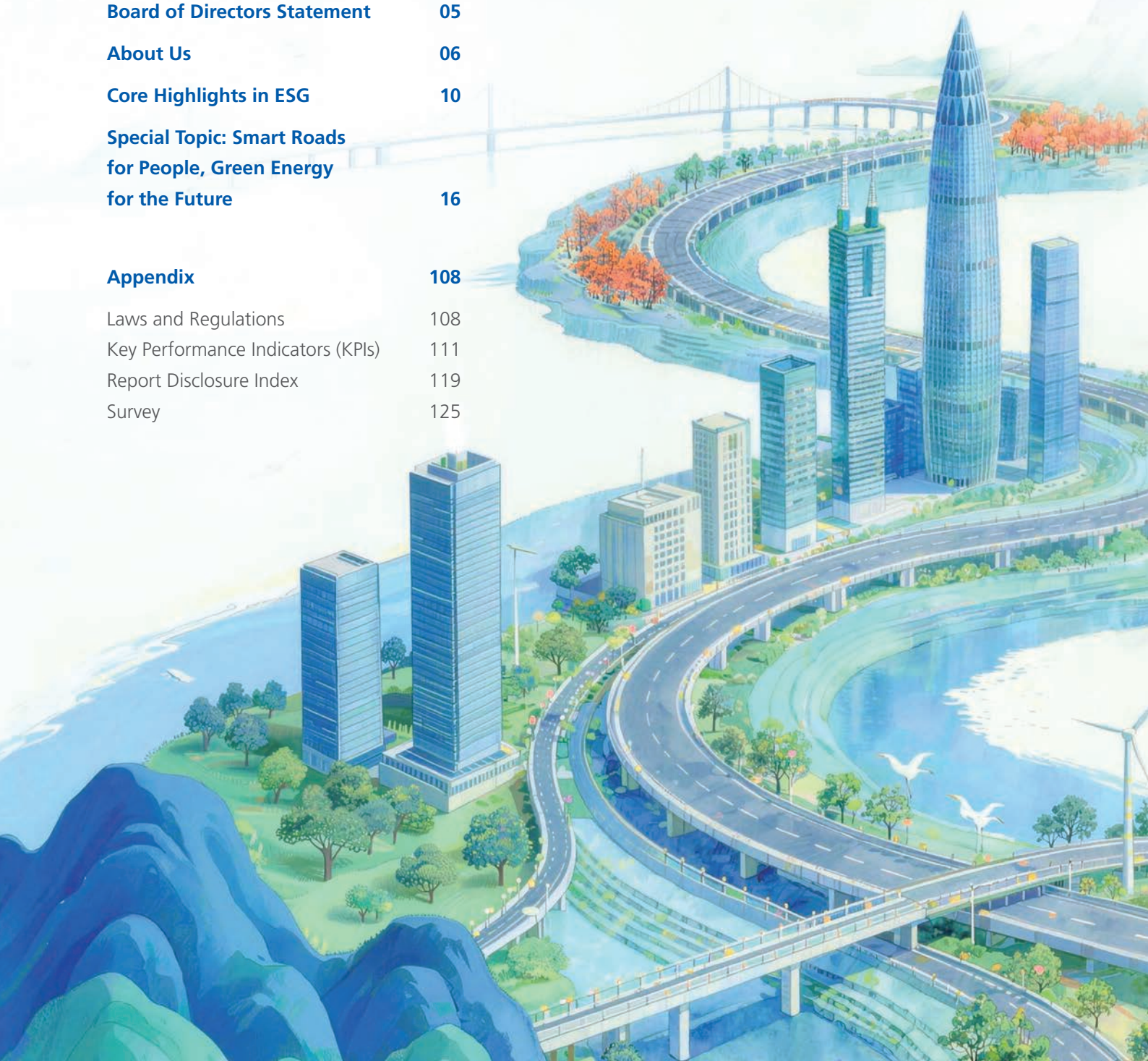
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About the Report



Report Introduction

This report is the sixth Environmental, Social and Governance (ESG) report, alias the seventeenth Social Responsibility report issued by Shenzhen Expressway Corporation Limited (hereinafter referred to as "Shenzhen Expressway", "the Company", or "we"), which reflects the environmental, social and governance ("ESG") performance of the Company and its subsidiaries. This report aims to objectively and transparently reflect the practice and achievements of Shenzhen Expressway in corporate social responsibility and sustainable development to stakeholders such as shareholders, employees, the government, customers and consumers, partners, and the public.

Scope of the Report

This report is an annual report covering the period from 1 January 2025, to 31 December 2025, some of the information may be traceable beyond the reporting period. Unless otherwise stated, the scope of organisations covered in this report is consistent with the consolidated financial statements of Shenzhen Expressway Corporation Limited in the 2025 Annual Report.

Basis of Preparation

This report is prepared in accordance with the *Shanghai Stock Exchange on the Application of Self-Regulation Rules for Listed Companies No.1 – Standardised Operation* and *Shanghai Stock Exchange on the Application of Self-Regulation Rules for Listed Companies No. 14 – Sustainable Development Report (Trial), Appendix C2 "Environmental, Social and Governance Reporting Code" to the Main Board Listing Rules of The Stock Exchange of Hong Kong Limited,* as well as the *Reference Indicator System for ESG Report of Central State-owned Enterprises Controlled Listed Companies* issued by the State-owned Assets Supervision and Administration Commission of the State Council. It also references the *International Financial Reporting Standards Foundation's International Financial Reporting Sustainability Standards 1 (IFRS S1) – General Requirements for Sustainability-Related Financial Information Disclosure* and *International Financial Reporting Sustainability Standards 2 (IFRS S2) – Climate-Related Disclosures*.

Data Sources

Information in this report is derived from the Company's financial reports and from the Company's statistical, aggregated and reviewed environmental, social and governance information. Unless otherwise specified, all monetary amounts are denominated in RMB. During the Reporting Period, due to adjustments to statistical methods and restatement of some data, which are inconsistent with those reported in previous years, this Report shall prevail.

Publication Channels

You can access and view this report on the website of Shanghai Stock Exchange (www.sse.com.cn) and the website of the Stock Exchange of Hong Kong Limited. (www.hkexnews.hk). This report is published in both Chinese and English. In the case of any discrepancies in the interpretation of the two versions, the Chinese version shall prevail.

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Message from the Chairman

Time flies as the seasons flow. As Shenzhen Expressway releases its 2025 Environmental, Social and Governance Report, I extend my most sincere gratitude on behalf of the Board of Directors to our valued investors, partners, friends from all sectors of society, and all colleagues at Shenzhen Expressway for your enduring interest and support in our development.

The past year has been a year for Shenzhen Expressway to build a solid foundation and explore new opportunities. We always believe that the sustainable prosperity and high-quality development of an enterprise are inseparable from excellent corporate governance, green innovation, talent-driven vitality, and a firm commitment to social responsibility. To this end, with greater initiative, we are integrating the concept of sustainable development deeply into the Company's strategy and daily operations, driving synergistic improvements in economic, social, and environmental value across all dimensions.

Strengthen Foundations and Consolidate Strengths, Guiding Development in New Directions through Exceptional Governance.

Governance is the ballast stone for a company to achieve stability and long-term success. As a company listed on both the Shanghai and Hong Kong stock exchanges, Shenzhen Expressway consistently holds itself to industry benchmark standards, continuously optimising its corporate governance structure to solidify the foundations for high-quality development. We have established the ESG committee to build a centralised, systematic and efficient ESG leadership mechanism. We have formed the Compliance Committee to further deepen the construction of the compliance system, successfully completing the three-year compliance management action plan and establishing robust long-term compliance management mechanisms. We have enhanced the functions of the Risk Management Committee to fortify systematic risk control defences, creating a comprehensive risk prevention and control system that spans the entire value chain. This drives the deep integration of risk control with internal controls and legal affairs, forming a closed-loop management system. We vigorously promote our integrity culture of "integrity, diligence and transparency", fostering a positive ecosystem for ethical conduct and enterprising spirit through institutionalised and digitalised measures, thereby safeguarding a fair, just and transparent market competition environment. We proactively embrace the wave of artificial intelligence, using AI-enabled business collaboration as our entry point to deepen smart practices and accelerate our digital and intelligent transformation.

Strive for Excellence, Safeguard a Seamless Journey with Unparalleled Service.

"Building high-quality infrastructure, serving a better life in the city" is the core mission of Shenzhen Expressway. Facing the growing demand for safety, efficiency and quality of travel, we strictly control the quality of projects and actively explore the intelligent transformation of infrastructure with the spirit of craftsmanship. We deeply integrate BIM technology into the "design-construction-maintenance" life cycle of expressways, pilot unmanned toll stations, promote seamless payment systems across the line, and leverage AI for automated identification of road surface defects, thereby driving intelligent upgrades in both construction and operational management. We steadfastly uphold the principle of "Safe Production, Happy Living", establishing a "1+N+5" safety management system. This deepens our dual prevention mechanism for hazard investigation and safety risk management, enhances emergency response plans and capabilities, and fortifies comprehensive safety defences across construction and road operations. We strive to build the "36710" high-quality service brand, strictly implement the "one station, one policy" for congestion control, adopt the "AI + manual" road special condition monitoring model, and combine the "Five Speeds and Six Coordinations" working mechanism to continuously improve road network efficiency and service level, ensuring every journey is a secure, comfortable, and convenient experience.

Verdant Landscapes Paint a New Backdrop for Development through Low-Carbon Transformation

Shenzhen Expressway regards green and low-carbon transformation as the engine driving high-quality and sustainable development. We actively respond to the national call for the "Dual Carbon" strategy and the construction of a "Waste-Free City", and integrate the concept of ecological civilisation throughout the whole cycle of project planning, construction, and operation. On the road construction side, we adhere to ecological route selection and civilised construction practices to minimise the impact on the environment; on the operation and maintenance side, we vigorously promote energy-saving renovation, green material application and resource recycling. Drawing upon the TCFD framework, we systematically identify, assess and proactively address risks and opportunities arising from climate change. We actively explore new paths for integration of transportation and energy, and have established the first "Zero-Carbon Management Center" for expressways in the country to infrastructure climate resilience and adaptability. We steadily promote environmental protection Industrial layout, focusing on key areas such as organic waste recycling, clean energy power generation, power battery recycling, etc. By driving green technological innovation and strengthening demonstration projects for pollution reduction and carbon emission cuts, we are empowering green development through concrete actions and contributing Shenzhen's strength towards achieving the "Dual Carbon" goal.



People First, Inspiring New Growth Drivers by Gathering Talents

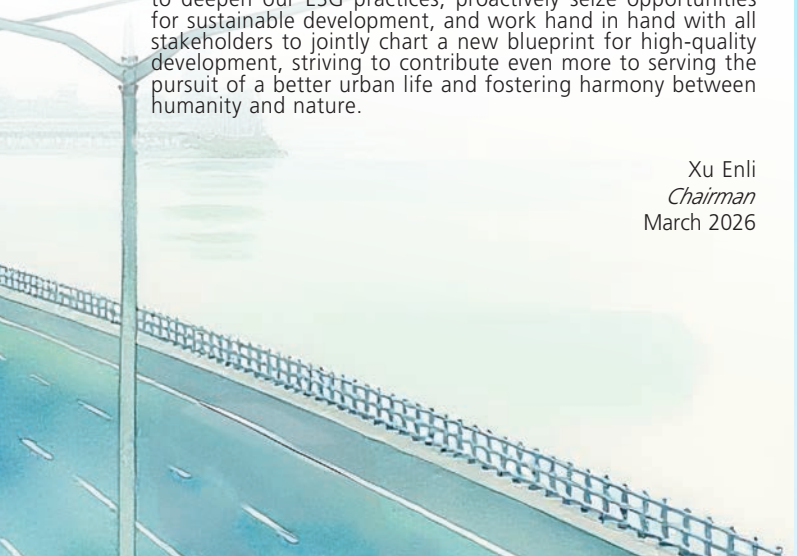
Talent represents an organisation's most valuable asset. Shenzhen Expressway has consistently upheld the talent philosophy of "providing a stage for those who strive and growing alongside them", dedicated to fostering a diverse, equitable, and inclusive workplace ecosystem. We strictly adhere to labour regulations, safeguarding employees' lawful rights and interests while offering competitive remuneration packages and welfare benefits alongside thoughtful, human-centred care initiatives. We have established a systematic talent development framework and clear career progression pathways. Through initiatives such as the Employee Lecture Series, skills competitions, and academic advancement incentives, we empower employees to grow and enhance their capabilities. We consistently prioritise employee health and safety, strengthening our occupational health protection system and fostering a culture where "everyone prioritises safety and is equipped to respond to emergencies". This ensures every employee can realise their potential and achieve personal growth within a secure and healthy environment.

Going Forward Together and Taking Responsibility to Create New Social Well-being

The value of an enterprise is ultimately reflected in its contribution to society. Shenzhen Expressway always adheres to the concept of "sincere cooperation and win-win development", continuously improves the responsible supply chain management system, and works hand in hand with partners to seek long-term development. Focusing on our main responsibilities and businesses, we fully promote the construction of major transportation infrastructure and facilitate the interconnection of the Guangdong-Hong Kong-Macau Greater Bay Area. We actively fulfill our corporate citizenship responsibilities by implementing public welfare initiatives such as targeted assistance programs, educational support, and the "Starlight Project". We are also proactively exploring services for the "young and elderly" in social welfare, committing wholeheartedly to improving people's well-being. Shenzhen Expressway consistently demonstrates responsibility through action, conveys warmth through deeds, and strives to become a respected and trusted exemplary corporate citizen.

Looking ahead, both challenges and opportunities coexist. Shenzhen Expressway will remain true to its original aspiration and move forward firmly on the road of pursuing excellence in governance, quality service, green development, talent prosperity and social contribution. We will continue to deepen our ESG practices, proactively seize opportunities for sustainable development, and work hand in hand with all stakeholders to jointly chart a new blueprint for high-quality development, striving to contribute even more to serving the pursuit of a better urban life and fostering harmony between humanity and nature.

Xu Enli
Chairman
March 2026



Board of Directors Statement

The Board of Directors of the Company attaches great importance to the management of sustainable development, and has established a sound and effective Environmental, Social and Governance ("ESG") management mechanism, forming an ESG governance structure with clear levels and division of responsibilities.

As the highest governance body, the Board of Directors is the highest responsible organisation for ESG matters of the Group, responsible for considering and approving the ESG strategy, vision and objectives, and reviewing and evaluating the risks and significance related to ESG matters. The Board of Directors hears and reviews the Company's *Environmental, Social and Governance Report* annually, and supervises the implementation progress against the related ESG targets.

During the reporting year, the Company has completed the review and assessment of ESG issues and set ESG environmental targets. The Board of Directors reviewed, discussed and confirmed the ESG work results of this year. This report was approved by the Board of Directors on 25 March 2026.

About Us

Company Profile

Shenzhen Expressway (stock code: 600548.SH, 00548.HK) was established in 1996 and is principally engaged in the investment, construction, operation and management of toll roads and environmental protection businesses. At present, the environmental protection business mainly includes solid waste recycling and clean energy power generation. In addition, the Group also provides construction management and highway operation management services to the government and other enterprises, and relies on the main business to provide services such as project development and management, operation maintenance, and industrial finance.

As of the date of this report, The Group has operated and invested in a total of 16 expressway projects, and the mileage of high-grade expressways invested or operated is approximately 613 kilometers converted based on the proportion of controlling interests. The Company actively participated in many regional urban infrastructure development projects and invested in environmental protection, clean energy and financial projects. We also operated many platform companies of investment, construction, operation, environment, urban infrastructure and new energy.

Company Development
30 years

Total Assets
71.3 billion

Total Number of Employees
6,955

Main Business Segments

As an important service provider for the construction and operation of transportation infrastructure in the Guangdong-Hong Kong-Macau Greater Bay Area, the Group operates and invests in expressway projects mainly located in the economically developed regions of the Pearl River Delta and the central and eastern regions, connecting airports, ports and other infrastructure and industrial clusters. It has established a convenient and efficient three-dimensional transportation network, such as criss-crossing arteries, which has played an important role in promoting regional economic development.

Toll expressways

Environmental protection

the Group firmly implements the concept of green development, focuses on two major businesses, clean energy power generation and solid waste recycling. At the same time, we deploy circular economy industries such as power battery recycling and comprehensive utilisation.

Corporate Culture

Mission

Building high-quality infrastructure

Shenzhen Expressway has specialised in the infrastructure field for years, especially in traffic and urban infrastructure and general environmental protection, to create the core competitive edge of "dual core businesses". We also explore and foster new businesses such as urban comprehensive services, integration of industry and finance, and leverage our construction and operation management capacity in transportation infrastructure, municipal engineering, urban comprehensive development and other aspects to deliver top-notch products and services for the government and the society.

Serving a better life in the city

As a key enterprise of transportation infrastructure in Shenzhen, Shenzhen Expressway plays a protective role in urban infrastructure construction and urban operation with the backing of talents, funds and technological advantages. In this way, we provide residents there with safer and more convenient travel conditions and a cleaner and more beautiful living environment, allowing coexistence and win-win results between ourselves and the city.

Vision

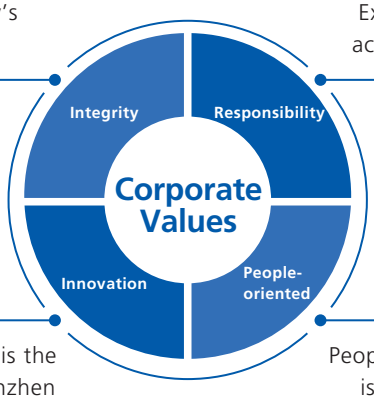
To become a leading provider of road transport and urban infrastructure

At the historical juncture of building the Greater Bay Area and building Shenzhen into a demonstration area of socialism with Chinese characteristics, apply the development and innovative strategy of improving asset scale, investment return, engineering construction and operational management capacities by adjustment, consolidation and optimisation, capacity expansion and quality improvement, cost reduction and efficiency increasement, holding a leading position in the toll expressway industry.

Corporate Values

Integrity is crucial for Shenzhen Expressway's survival

Responsibility is fundamental for Shenzhen Expressway's achievements



Innovation is the key to Shenzhen Expressway's success

People-oriented is the source of Shenzhen Expressway's vitality

Corporate Spirit

Delve to the deep	Specialise in our core businesses by dedication, being pragmatic, learning and improving our expertise.
Strive for the top	Never slack off in good times and never give up in bad times, pursue development actively and seek breakthroughs and improvements.
Fight for the speed	Always strive to make progress with persistent efforts and passion and always pursue excellence to be a pioneering leader.

Event of the Year

1

The precise placement of the last prefabricated box girder in the Shenzhen Outer Ring Expressway-Xin Wei Interconnection Project marked the successful completion of the bridge structure construction.

2

The large-scale catering waste treatment facility at Shenzhen Guangming Environmental Park has officially commenced operations.

Shenshan Qiantai has been successfully approved as the "Guangdong Provincial Engineering Technology Research Centre for Lithium Battery Recycling".

Shenshan Qiantai was awarded the "National Green Factory" certification.

3

The Kengzi East Interchange on Shenzhen's Outer Ring Expressway has officially commenced operations, further enhancing the eastern road network of the Greater Bay Area.

"Qiantai Power Battery Eco-Industrial Park" and "Guangming Environmental Park" have been successfully selected for the Shenzhen Benchmark Project Database for Coordinated Pollution Reduction and Carbon Emission Control.

Shenzhen Expressway Lekang Company, as one of only four accredited service providers in Shenzhen, has formally become an approved service provider under the Hong Kong SAR Government's "Guangdong Residential Care Services Scheme".

The Issuance of A Shares to Specific Targets was successfully completed, representing the largest cash rights issue in the expressway sector on the A-share market.

4

The Xinwei Toll Station on Shenzhen's Outer Ring Expressway has commenced operations, facilitating efficient transitions between expressway and urban road networks.

Two pioneering smart transport initiatives –"Operational Model Innovation Under the Four-Dimensional Integration of 'People-Vehicles-Roads-Life'" and "Application of an Innovative Toll Collection Model at G94 Guanlan Toll Station" – have both been selected as representative cases for highway operations management by the China Highway and Transportation Society in 2024.



5

The site levelling works for the ShenShan Environmental Protection Power Plant have been successfully completed, accelerating regional industrial development.

6

The Hong Kong Resident Zone of Guangming Social Welfare Centre officially opens, pioneering a new standard in elderly care for Hong Kong residents.

7

Shenzhen Expressway and its environmental subsidiary have been approved to establish two "Shenzhen Postdoctoral Innovation Practice Bases", fostering a collaborative innovation ecosystem integrating industry, academia, research and application.

9

The inclined shaft of Tiantou Mountain Tunnel in Contract Section 3 of the Shenzhen Outer Ring Phase III Project has been successfully completed, marking a significant milestone in the project's construction progress.

The national major research and development programme project "Self-Organising Operation Technology for Autonomous Road Traffic Systems" has been approved for funding by the Ministry of Science and Technology.

10

The operational model innovation under the four-dimensional integration of "People-Vehicles-Roads-Life" has been selected as an outstanding industry case study in the evaluation conducted by the China Transportation Association.

11

The first precast box girder for the third phase of Shenzhen Outer Ring Expressway has been successfully installed.

12

The Qinglian Expressway distributed photovoltaic project has achieved its first grid connection, marking the first inaugural motorway "Zero-Carbon Management Centre"of Guangdong Province commenced and operated on the Qinglian Expressway.

Shenshan Qiantai has completed grid connection and operational commissioning for the Guiyang Land Project and the Shandong Wuyue Plaza Industrial, Commercial and Residential Storage Project.

Shenzhen Expressway's Federation of Trade Unions convened its inaugural members' congress, marking a new chapter in trade union activities.

The abolition of the Supervisory Board, the amendment of the *Articles of Association*, and the relevant rules of procedure were approved by the shareholders' meeting.



Core Highlights in ESG

Annual Performance Highlights

Environmental

Shenshan Qiantai won the "National Green Factory" certification and was approved as "Guangdong Provincial Engineering Technology Research Centre for Lithium Battery Recycling"

Explore a new path for integration of transportation and energy, and successfully build the first "Zero Carbon Management Center" for expressways in the country

In 2025, a total of
1.43 million tonnes of organic waste was collected (treated)

and the biogas power generation generated
37,080 MWh

which is equivalent to reducing carbon dioxide emissions
33,309 tonnes

and reducing the use of standard coal
4,557 tonnes

In 2025, the grid-connected wind power generated
1,530,134 MWh

which is equivalent to reducing the emission of carbon dioxide
1,393,034 tonnes

and reducing the use of standard coal
188,054 tonnes

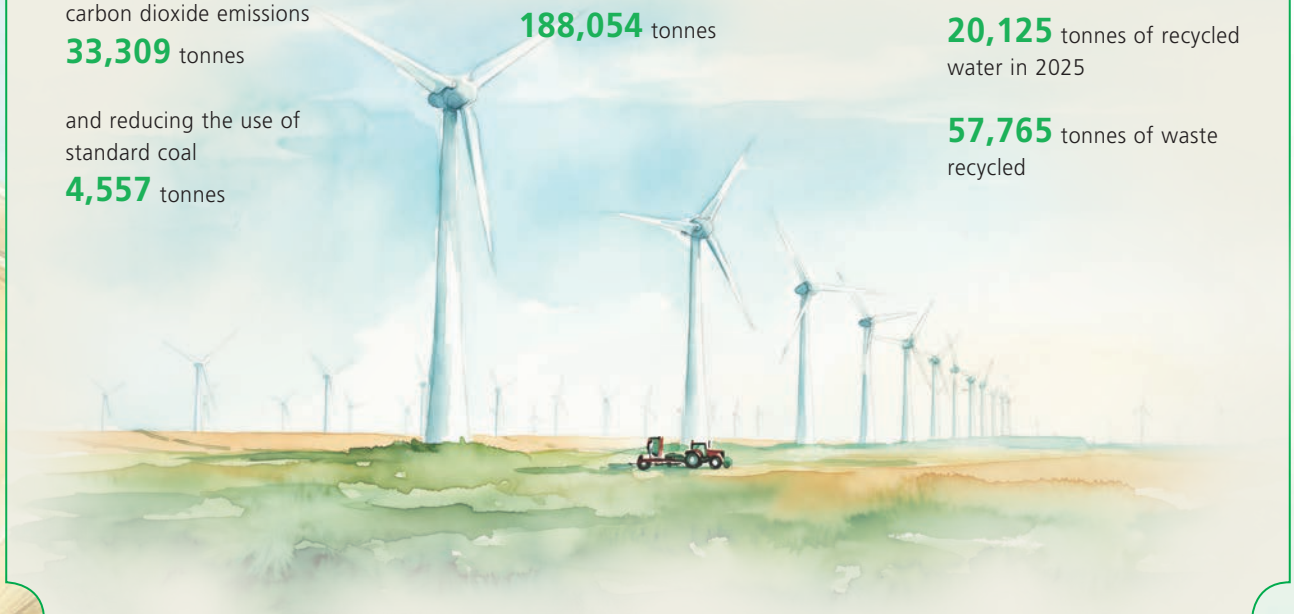
In 2025, **3,323** tonnes of waste power batteries were disposed of

3,646 sets of scrapped motor vehicles were dismantled

and **30,388** electric bicycles were dismantled

20,125 tonnes of recycled water in 2025

57,765 tonnes of waste recycled



Social



Anchor the four-dimensional integrated operation model of "People-Vehicles-Roads-Life", and promote the implementation of core application scenarios of smart transportation through "independent research and collaborative innovation"

In 2025, RMB**2,964,610** was invested in rural revitalisation

RMB**3,220,736** was invested in social welfare

a total of **1,346** employees participated in volunteer services

and **2,807** hours of volunteer services were provided

In 2025, the average training time of employees was **38.42** hours

the annual training expenditure was RMB**3,340,645**

and the total investment in employee care was RMB**7,539,119**

R&D expenditure reached RMB**44.695** million in 2025

with **15** new patents secured

Community Comprehensive Service Centre conducted **355** public welfare activities, serving **3,239** person-times in total

Governance



Guided by the party building brand of "Five Highs, Five Speeds, Striving for Innovation and Strength", promote the in-depth integration of party building and operation

Completed the three-year action plan for compliance management with high quality and built a risk prevention system covering the whole chain

Formally established the Environmental, Social and Governance (ESG) Committee and formulated the *ESG Committee Working Regulations*

Awarded "Best Practice Case of Internal Control of Listed Companies" by the China Listed Companies Association

Won the "2025 Best Practice Case of Board of Directors of Listed Companies" by the China Listed Companies Association

Awarded the "Best Practice Case of Sustainability Development of Listed Companies" by the China Listed Companies Association

Annual Honor

Group Awards



January 2025

Awarded "New Fortune Best Listed Company" in the 2024 New Fortune Magazine Best Listed Company Awards



January 2025

At the inaugural Guangdong-Hong Kong-Macao Greater Bay Area Green and Low-Carbon Industry Development Cooperation and Exchange Conference, the Company was shortlisted for the "Greater Bay Area Enterprise Green Innovation Index 100" ranking



April 2025

At the 21st New Fortune Gold Medal Board Secretary Awards & 8th New Fortune Best IR Hong Kong-listed Companies Awards Ceremony, the Company was honoured with the "2024 Best Capital Operation Project Award"



July 2025

In the Shenzhen regional competition of the National Brand Story Contest, ten entries were honoured with the following distinctions: 1 Excellence Award, 1 Proficiency Award, 2 Potential Awards, and 6 Cultivation Awards



August 2025

The Company's scientific and technological achievements have been honoured with the Special Prize of the "Mao Yisheng Science and Technology Award – Transport Science and Technology Award"



August 2025

Successfully selected as Shenzhen's "Typical Case of Brand Development" in the "Shenzhen Brand Development White Paper (1980-2025)", and was awarded the "Excellent Brand" and "Industrial Innovation Brand"



September 2025

Selected as one of the Top Ten Cases in the "Focus on Optimising Core Business" category of the ESG Rating for State-Owned Enterprise-Controlled Listed Companies in the Guangdong-Hong Kong-Macao Greater Bay Area



September 2025

The Company has been honoured with the "Best Practice Case in Internal Control for Listed Companies" award by the China Listed Companies Association



September 2025

The Company was honoured with the "Best Investor Relations Management Listed Company Award" at the Hong Kong Commercial Daily's "Golden Kunpeng" China Financial Value Awards



May 2025

Selected as a case study for the "Best Practices in Investor Relations Management" by the China Listed Companies Association



June 2025

Won the "16th China Listed Company Investor Relations Tianma Award" and "Shareholder Return Award for Investor Relations Management" by the Securities Times



July 2025

Approved 2 "Shenzhen Postdoctoral Innovation Practice Bases"



August 2025

The Company was awarded the "Outstanding Organisation Award" at the 2025 Safety Management Skills Competition for Shenzhen Municipal Enterprises



September 2025

The Company was awarded the "Outstanding Organisation Award" at the 2025 Shenzhen Safety Science Popularisation Short Video Creation Competition



September 2025

In the 2025 ESG Ratings of Listed Companies Holding State-owned Enterprises the Guangdong-Hong Kong-Macau Greater Bay Area, it was selected as the "the Greater Bay Area ESG Development Index of State-owned Enterprises", ranking 23rd



October 2025

At the ESG Certification Programme and Awards Ceremony 2025, the Company was honoured with the "ESG Excellence in Environmental Performance Professional Award", the "ESG Excellence in Social Performance Professional Award", and the "ESG Recognition Certification"



November 2025

At the National Finals of the 13th National Brand Story Competition, the Company was honoured with the "Brand Innovation Achievement Award", the "National Second Prize in the Essay Competition", and the "National Third Prize in the Microfilm Competition"



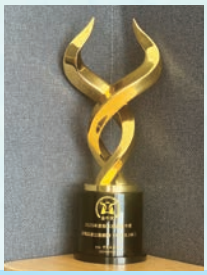
November 2025

The Company has been honoured with the "Best Practice Case of Sustainability Development of Listed Companies" award by the China Listed Companies Association



November 2025

The Company has been honoured with the 2025 New Fortune Magazine "Best Sustainability Disclosure Award"



November 2025

The Company has been honoured with the China Securities Journal's "Hong Kong Stock Golden Bull Award – Shareholder Return Golden Bull Award"



November 2025

The Company has been honoured with the "Top 20 in Information Disclosure", "Top 20 Board Secretaries", and the "Annual Contribution Award for Member Organisations" by the Shenzhen Corporate Governance Research Association for the 2025 Greater Bay Area Listed Companies



November 2025

The Company has been honoured with the China Listed Companies Association's "2025 Best Practice Case of Board of Directors of Listed Companies"



December 2025

The Company was honoured with the "Most Socially Responsible Listed Company Award" by the National Business Daily



December 2025

The Company was honoured with the "Outstanding Party Building Award" at the Shanghai Securities News • China Securities Network "Shanghai Securities Eagle • Golden Quality" Awards

Affiliate Awards

Environmental Company

- Awarded as "2025 Leading Company in the Field of Organic Waste" by the E20 Environment Platform.
- Lisai Environmental's "Urban Multi-source High Water-Moisture Organic Solid Waste Separation and Synergistic Resource Utilisation Technology" won the "Second Prize in the Science and Technology Progress Award of the 2025 Environmental Protection Science and Technology Award" by the Chinese Society for Environmental Sciences.
- Lisei Environmental was awarded the Third Prize and Merit Award in the Longgang District Employees' "Five Small" Innovation Achievements Competition.
- Guiyang Bioland has been honoured with the title of "Outstanding Contribution Enterprise" by the Guizhou Provincial Environmental Sanitation Association and the "Workers' Vanguard" title by Guiyang City.
- Shaoyang Shengao Environmental has been honoured with the "Outstanding Contribution Award for 2025" by the Shaoyang City Urban Management Industry Association.
- The Application of BIM Technology Throughout the Full Lifecycle of the Food Waste Treatment Project at Guangming Environmental Park has been awarded the Second Prize in the Sixth BIM Competition for the Engineering Construction Industry (Municipal Public Utilities Category – Municipal Waterworks).

Construction Company

- The Jihe Expressway Reconstruction and Expansion Project and the Outer Ring Expressway Phase III Project were awarded first prize and third prize respectively at the 2025 China Transportation Association "Stone Gold Cup" BIM Technology Competition.
- At the 14th "Innovation Cup" Building Information Modelling Application Competition organised by the China Association of Engineering Design and Survey in 2025, the submitted entries for the Jihe Expressway Reconstruction and Expansion Project and the Outer Ring Expressway Phase III Project were respectively awarded the Second Prize and Third Prize in the Transport Engineering Category for BIM Application.

Infrastructure and Environmental Protection Company

- Shenshan Qiantai has been recognised as a "Specialised, Refined, Distinctive and Innovative" SME by Shenzhen Municipality.
- Shenshan Qiantai has been recognised as a green enterprise in Shenzhen's "Waste-Free City" initiative.
- Shenshan Qiantai has been awarded the Shenzhen Municipal Outstanding Project Award for Comprehensive Ecological and Environmental Management.

Investment Company

- The Investment Company has been honoured as an "Outstanding Member Organisation" by the Guangdong Provincial Association of Elderly Care Services for the year 2024.
- Shenzhen Expressway LeKang has been honoured with the "Guangdong Silver Economy Industry Rising Star Award".
- Shenzhen Expressway LeKang has been awarded a 5A rating in the Community Elderly Care Service Quality Evaluation.
- Shenzhen Expressway LeKang was honoured with the title of "Outstanding Organising Unit" at the Second National Vocational Skills Competition for Elderly Capability Assessors.

New Energy Company

- Nanjing Anvis has been selected as a "Nanjing Unicorn Enterprise Incubator" for the year 2025.
- Nanjing Anvis has been awarded the Third Prize in the Science and Technology Progress Awards by the Chinese Renewable Energy Society.
- Nanjing Anvis has been awarded the title of "Jiangsu Provincial Enterprise Technology Centre".

Operation Development Company

- The pilot project for quasi-free-flow tolling on the Coastal Expressway has been included in Shenzhen's inaugural batch of landmark projects for the "Transportation Powerhouse" initiative.
- At the Shenzhen regional competition of the 13th National Brand Story Contest, the Operation Development Company was honoured with the Cultivation Award in the essay and speech category.
- The "2024 Longgang District Road Facilities Routine Maintenance Project, Package 1" was honoured with the "Shenzhen Municipal Transport Public Facilities Maintenance (Service) Quality Engineering Award".
- The Hengling Service Area on the Outer Ring Expressway was awarded a Grade 1 rating in Guangdong Province's 2025 National Expressway Service Area Service Quality Assessment.
- Awarded the title of "Guangdong Provincial Model Enterprise for Safety Culture Development" by the Guangdong Provincial Work Safety Association.
- Awarded the title of "Outstanding Unit for Highway Traffic Security during the 15th National Games" by the Shenzhen Municipal Public Security Bureau Traffic Management Bureau.

Qinglian Company

- The Qinglian Expressway's Qingxin, Yangshan South and Yangshan North service areas have been rated as Grade 1 service areas in Guangdong Province's 2025 National Expressway Service Area Service Quality Assessment.

Financial Leasing Company

- Awarded the "Industrial Upgrade Empowerment Leading Enterprise Award" at the Seventh China Financial Leasing General Managers Forum.
- Awarded an A-grade regulatory rating by the Shenzhen Municipal Bureau of Local Financial Services, ranking first among municipal state-owned enterprise leasing companies and among the top three in the industry.
- Awarded the Outstanding Contribution Unit Award by the Shenzhen Financial Leasing Industry Association.
- On 30 January 2026, the Qinglian Expressway Management Centre was formally certified by the China Highway and Transportation Society and awarded the "Zero-Carbon Management Centre" certificate, becoming the first expressway management centre nationwide to receive this distinction.

Special Topic

Smart Roads for People, Green Energy for the Future

A New Paradigm for Smart Construction

The Company fully promotes the application of BIM technology in the whole life cycle of "design, construction, maintenance and operation" of high-speed infrastructure. During the reporting period, the Company continued to explore the intelligent production mode of engineering projects and set a benchmark for "Intelligent Manufacturing of Engineering". We promoted the implementation of BIM application achievements in the reconstruction and expansion of Jihe Expressway, and related projects won the first prize of the "Shijin Cup" BIM Technology Competition of the China Transport Association, the second prize of the 14th "Innovation Cup" BIM Application Competition.

Case **Smart Construction Empowers Jihe Expressway Three-Dimensional Expansion**

As a pioneering project under China's Transport Power Initiative and the nation's first three-dimensional composite expressway reconstruction and expansion project, the Jihe Expressway Reconstruction and Expansion Project has achieved four "national firsts": the inaugural implementation of a dual-level interchange design, a dual-level service area layout, the large-scale application of a fully steel-framed segmental precast box girder system without supports, and the adoption of prefabricated construction techniques for both upper and lower bridge structures. The project innovatively adopts the "ground floor + three-dimensional floor" bi-directional 8+8-lane two-layer three-dimensional expansion plan, integrates cutting-edge technologies such as industrialised smart construction, full-cycle BIM application, and AI active traffic control to create a "ground + aerial" three-dimensional integrated transport demonstration project. The project has achieved the industrial breakthrough of "building expressways in the air and ensuring access on the ground", effectively resolving the conflict between traffic congestion and land resource constraints arising from the urbanisation process. After the entire line is opened to traffic, it is expected that the traffic capacity will be increased significantly.



Road Network Map of Jihe Expressway Reconstruction and Expansion Project

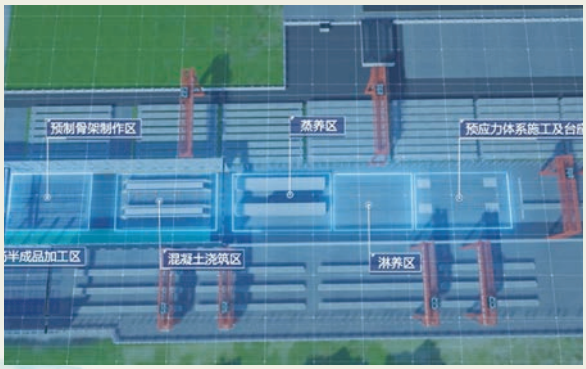
Where roads connect, industries flourish; where industries flourish, the nation grows strong. For three decades, Shenzhen Expressway has always adhered to the mission of "Building high-quality infrastructure, serving a better life in the city". Through relentless dedication, we have laid foundations with intelligent construction, embedding cutting-edge technology and digital intelligence into the very fabric of road network; enhancing quality through intelligent operations, where efficient passage and human-centred services meet public expectations; pioneering integrated transport and energy solutions through low-carbon infrastructure and sustainable practices, driving synergistic development of transport and energy systems. This has progressively established an innovative development framework characterised by "intelligent construction, digital-intelligent operations, and green integration".

Case Shenzhen Outer Ring Expressway Prefabricated Box Girder Smart Production Line Created a New Model of "Intelligent Manufacturing"

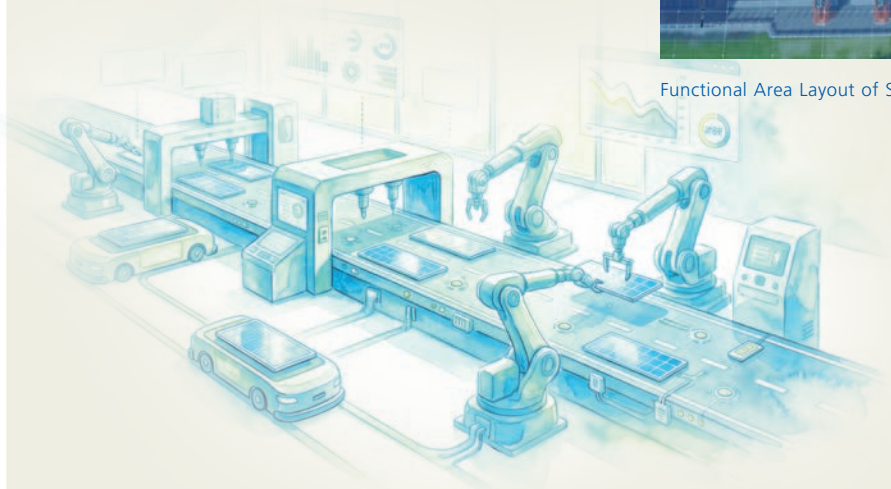
In the prefabricated beam yard of the first contract section of Shenzhen Outer Ring Expressway Phase III project, two prefabricated box girder smart production lines (hereinafter referred to as "smart production lines") are running smoothly, and seven functional areas work together under the dispatch of the smart system. Through the three-dimensional innovation of spatial layout, production process, and control system, the production cycle of single-piece beam has been shortened from the traditional 8-10 days to 3 days, significantly improving operation efficiency and significantly reducing safety risks.

Space Intensification

The smart production line maximises space utilisation through the "circular flow" design, saving approximately 35% of the floor space compared to ordinary production lines with the same production capacity.

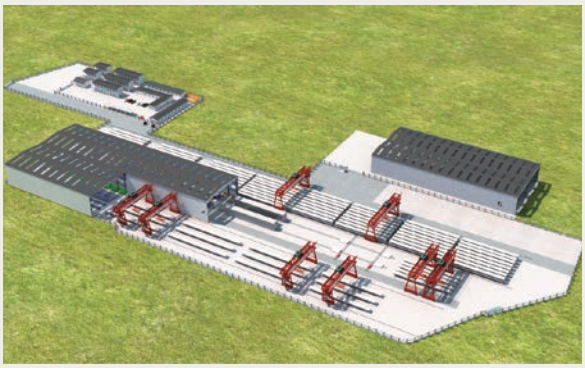


Functional Area Layout of Smart Production Line



Intelligent Production

Rebar construction adopts "standardised prefabrication" to reduce manual operation errors and improve reinforcement installation efficiency. The precast beams after pouring are directly transferred to the steam curing area and the tension area through the mobile pedestal, and the side formwork adopts the lateral sliding design to realise one-button automatic opening and closing, thereby eliminating the time-consuming and labour-intensive challenges associated with traditional manual formwork removal. Concrete pouring employs high-frequency intelligent variable-frequency vibrators and intelligent steam-curing chambers to ensure consistent and reliable curing quality for the beam structure.



Standardisation of Reinforcement Construction



Movable beam construction

Digital Intelligence Management

The smart platform management and control center is the "smart core" of the smart production line. Leveraging digital twin technology, the "digital-intelligent management and control" of the "physical production line" and the "digital model" can be synchronised in real time.



Smart Platform Management Control Center



Smart Expressway, New Experience

In terms of R&D, the Company adheres to the four-dimensional integrated operation model of "People-Vehicles-Roads-Life", focuses on solving industrial pain points and improving user experience, with "safety, smoothness, greenness, and harmony" as the core goal, closely following the new toll collection technology, front-end multi-dimensional sensing technology, the Internet of Things technology, AI large model, and "four new" technologies, etc., to promote the implementation of core application scenarios.

In terms of strategic layout, the Company has established a dual-track promotion system of "independent R&D + joint innovation" to strengthen internal and external collaboration and ecological construction. Internally, based on the public service platform of "Shenzhen e-Transportation" and the business collaboration platform of "Multi-Party Approach Along the Route + Three Circles and Three Sections", we have opened up data and business links to comprehensively improve management quality and management level. Externally, we are intensifying collaboration with business stakeholders to establish a Joint Innovation Centre for Intelligent Expressway Management and Maintenance. This initiative will integrate resources from core upstream and downstream enterprises to conduct joint research on intelligent transport technologies and applications, collectively advancing the digital transformation and smart management of road networks.

Smart Transportation Application Scenarios and Implementation Cases

Smart Toll Collection and Station Congestion Management

Quasi-free flow pilot

At the end of 2024, the Company completed the pilot construction of quasi-free flow based on the "Shenzhen e-Transportation" mode, which has implemented in specific sections of the Coastal Expressway (Shenzhen Section). This mode effectively solves the problem of low tolling efficiency of traditional CPC cards and greatly improves the efficiency of non-ETC vehicles.

Unmanned station trial

In March 2025, Xixiang South Toll Station opened a pilot unmanned toll station, adopting the "self-service payment + remote control" model, integrating self-service card machine service and remote duty function, replacing traditional toll booths and improving overall traffic efficiency.

Seamless payment across the line

Based on the vehicle identification technology, when the contracted vehicle uses the CPC card, the system can automatically identify the password-free payment status and complete the deduction, effectively improving the payment efficiency. The service has been piloted in Coastal Expressway (Shenzhen Section), Shenzhen Section of Outer Ring Expressway, Jihe Expressway, Meiguan Expressway, Yanpai Expressway, Yanba Expressway, and Longda Expressway.

Smart Service

"Shenzhen e-Transportation" platform integrates 12 functions, including one-click rescue, electronic invoice, and free-flow tolling, saving 3 seconds of travel time for each user.

Smart Maintenance

Automatic identification of road surface diseases

Relying on the rapid identification capability of artificial intelligence and the efficient integration of precise positioning technology, it can effectively identify road surface diseases.

Slope monitoring, analysis and early warning

Sensors are used to capture slope deformation and displacement data in real time, and AI algorithms are used to identify abnormalities and predict landslide risks.

Smart Operation and Maintenance

Intelligent audit of charging data

Completed intelligent analysis of more than 10 typical toll data audit scenarios, covering vehicle traffic flow, lane peak hours, payment methods, etc., which greatly improved the efficiency of manual auditing.

Enhance the local deployment of large models

Apply large AI models in related scenarios such as road management and facility maintenance.

Road Operation Monitoring and Emergency Response

Integrated Road Inspection and Emergency Command and Dispatch System

We have built a road emergency response system of "Three Circles and Three Sections" to break down information silos, achieving end-to-end monitoring of the "road network – service areas – toll stations" chain and enabling multi-party coordination along the routes. This compresses the entire process from incident detection to handling to a matter of minutes, achieving the dual objectives of reducing both congestion rates and accident rates.



New Exploration in Transport-Energy Integration

As a state-owned enterprise in Shenzhen, Shenzhen Expressway always regards the implementation of the national "Dual Carbon" strategy and the promotion of green and low-carbon development as an important mission, and actively responds to national top-level deployments such as the *Action Plan for Carbon Peaking Before 2030* and the *Outline for Building a Strong Transportation Network*, and actively explore new paths for integration of transportation and energy, promote the integration of green finance, technological innovation and infrastructure development, and gradually build a sustainable development model of "policy-led, market-driven, technology-enabled, and win-win benefits", thereby providing exemplary practical cases for advancing the integration of transportation and energy systems.

Case Shenzhen Expressway Built the Country's First "Zero-Carbon Management Center" for Expressways

Taking Financial Leasing Company as the core platform, Shenzhen Expressway innovatively launched the operating leasing model of "direct equipment investment + operation feedback", and cooperated with Qinglian Company to implement the decentralised photovoltaic project. Due to its outstanding innovation and practicability, the project was successfully selected for the *2025 National Transportation and Energy Integration Innovation Cases* compiled by the Transportation and Energy Integration Development Committee of the China Highway and Transportation Society, where it was recognised as a "Typical Case of Application Demonstration Innovation". In January 2026, following certification by the China Highway and Transportation Society, it was officially awarded the "Zero-Carbon Management Center" certificate, becoming the first expressway management center in the country to receive this honor.

Financial innovation to solve investment problems during operation period

Qinglian Company bears no upfront investment costs. Upon completion, the photovoltaic power station is delivered for operational use under a lease arrangement. Through a flexible rental and revenue-sharing mechanism, investment returns are balanced throughout the project's concession period, successfully overcoming the practical challenge that traditional financing models struggle to cover costs.

Technology drives progress, unlocking the value of idle roadside land

The project's core technology employs an integrated "source-grid-load-storage" system, strategically selecting six key nodes for distributed photovoltaic power station deployment. Coupled with intelligent microgrid regulation technology, this approach revitalises underutilised land at tunnel entrances and along roadside areas, enhancing the comprehensive utilisation efficiency of highway corridor space. This achieves spatial synergy between transport infrastructure and green energy production.





Benefiting from a win-win situation, setting a model for sustainable operation

The implementation of this project has achieved an organic integration of economic and environmental benefits. Capable of sustaining operations without relying on policy subsidies, its first phase is projected to generate approximately 8 million kWh of electricity annually. This effectively contributes to the improvement of the regional ecological environment, realizing genuine synergy between green development and social responsibility.



01

Governance Responsibility:
Refining Governance to Strengthen the Foundation

Shenzhen Expressway has always adhered to Party building as its guiding principle, continuously improving its corporate governance mechanisms, fostering a corporate culture of integrity and probity, strengthening information security protection and digital intelligence empowerment, and deepening its commitment to the sustainable development track. With a comprehensive and refined governance system, the Company has continuously consolidated the solid foundation for its steady and sound development.

Aligning with the United Nations Sustainable Development Goals (SDGs)



The Sustainable Development Issues of the Shanghai Stock Exchange Addressed in this Chapter

- Due Diligence
- Stakeholder Communication
- Anti-Commercial Bribery and Anti-Corruption
- Anti-Unfair Competition
- Data Security and Customer Privacy Protection

The ESG Contents of the Stock Exchange of Hong Kong Addressed in this Chapter

- B7 Anti-Corruption

Adhering to the Leadership of Party Building

Shenzhen Expressway, guided by Party building, brand-driven development and culture empowering, anchors its strategy in high-quality growth objectives. We focus on establishing a high-performance-oriented cultural framework, continuously refining talent selection, development and incentive mechanisms, while enhancing the scientific and efficient Party affairs management system. Building upon this foundation, the Company actively advances livelihood improvements and rural revitalisation, effectively translating political and organisational strengths into tangible outcomes that propel sustainable corporate development.

Party Building as the Guiding Force, with Equal Emphasis on Consolidating Foundations and Strengthening Oversight

To thoroughly implement the guiding principles of the 20th CPC National Congress and its plenary sessions, Shenzhen Expressway has remained steadfast in its mission to "serve the broader interests, serve the city, serve industries, and serve the people." Guided by its Party-building brand "Five Highs, Five Speeds, Striving for Innovation and Strength", the Group has established a "1+14" Party-building brand matrix and launched 25 flagship projects to deepen the integration of Party-building with business operations. Concurrently, comprehensive strengthening of disciplinary inspection oversight has been implemented. Grounded in the principles of "integration into business operations and precise supervision", disciplinary inspection work intensifies oversight of critical junctures in key projects. A "Six-in-One" comprehensive supervision framework has been established, conducting specialised inspections and joint audits to promptly identify issues and drive rectification. The practice of the "Disciplinary Inspection Plus" model has been deepened, promoting specialised oversight through "Disciplinary Inspection Plus Business Operations" to propose management optimisation recommendations. This further fosters a virtuous mechanism where supervision drives standardisation and standardisation prevents risks.

Shenzhen Expressway:
"Five Highs, Five Speeds, Striving for Innovation and Strength"

- Anchoring high-quality development objectives, accelerating transformation and upgrading towards new endeavours
- Strengthen high-standard Party building leadership to accelerate reform and innovation by harnessing new synergies
- Cultivate a high-performance cultural system, infusing new vitality into the spirit of the organisation and accelerating the dynamism of the enterprise through Party-mass activities
- Forging a high-calibre recruitment, development and retention system to accelerate talent-driven enterprise growth through new synergies
- Establish a highly efficient Party affairs system, accelerating efforts to consolidate foundations and strengthen capabilities for new momentum



"Soul-Forging Through Light and Shadow" Film-Based Ideological and Political Education Course



Upholding Integrity and Probity to Safeguard the Group's Steady Progress and Enduring Success

Brand-driven, Simultaneously Shaping Image and Deepening Substance

Shenzhen Expressway has consistently integrated brand development into the fabric of urban progress, setting industry benchmarks through exceptional engineering and fulfilling its responsibilities as a state-owned enterprise through innovative practices. From pioneering breakthroughs in smart expressway systems to steadfast advancement in green and low-carbon initiatives; from meticulous enhancements in public services to the sustained fulfilment of social responsibilities – tangible achievements have consistently reinforced the brand's foundation, driving steady growth in the Company's influence and reputation within society and the industry.



The Party History Knowledge Competition Secured First Place in Shenzhen

Cultural Empowerment Fosters Consensus and Invigorates Vitality in Tandem

After four years of refinement, the "Party Building Leading and Culture Empowering 456 Project" has matured significantly. Shenzhen Expressway has integrated its core values of "integrity, responsibility, people-centred, and innovation" throughout its entire operational management process. By innovating cultural dissemination methods, the initiative has embedded these principles deeply within the organisation, galvanised staff enthusiasm, and resolved practical challenges at the grassroots level. This has fostered an ecosystem where culture synergises with strategy and business operations, achieving a transformative leap from "conceptual integration" to "value co-creation".



Party Building Leading and Culture Empowering 456 Project

Improve Corporate Governance

Shenzhen Expressway has prioritised strengthening its board structure to continuously refine its corporate governance framework; leveraged standardised information disclosure to enhance transparency and credibility; optimised investor relations management to facilitate efficient communication channels within capital markets; and grounded its sustainable development by safeguarding shareholder rights. Through multi-dimensional synergistic efforts, the Company has systematically elevated the efficacy of its corporate governance.

Protecting Shareholders' Rights and Interests

Shenzhen Expressway has consistently placed the protection of shareholder rights at the core of its corporate governance, strictly adhering to laws, regulations and the Articles of Association to ensure all shareholders, particularly minority shareholders, enjoy equal rights. Through robust profit distribution mechanisms, optimised investor return policies, open shareholder communication channels, and standardised shareholder meeting procedures, the Company effectively safeguards shareholders' rights to information, participation, and returns. Concurrently, leveraging a transparent, timely, and accurate information disclosure system, it enhances market confidence, continuously elevates shareholder value, and lays a solid foundation for building long-term, stable, and mutually beneficial shareholder relationships.

Improve Governance Rules

In 2025, the Company revised its governance documents including the *Articles of Association, Rules of Procedure for Shareholders' Meetings,* and *Rules of Procedure for Board Meetings* in accordance with newly enacted laws and regulations such as the *Company Law of the People's Republic of China* and the *Guidelines for the Articles of Association of Listed Companies*. The Supervisory Board was abolished to further standardise corporate operations and enhance governance standards. The Company formulated the *Market Capitalisation Management System* and incorporated market capitalisation management into the executive assessment framework. This initiative promotes a virtuous cycle of "value creation – value transmission – value realisation", aiming to achieve mutual benefits for the enterprise, shareholders and society. Furthermore, the Company formulated and released the *2025 Action Plan for "Enhancing Quality, Efficiency and Returns"*, striving to advance high-quality development and elevate investment value.

The Company has formulated the *2024-2026 Shareholder Return Plan*, explicitly stipulating that, subject to meeting cash dividend conditions and ensuring sufficient funds for normal operations and development, the annual cash dividend payout ratio shall not be less than 55% from 2024 to 2026. The Company has rigorously honoured its dividend commitments to shareholders. Since our establishment, we have maintained an uninterrupted record of distributing cash dividends for 28 consecutive years, with cumulative cash dividends disbursed amounting to approximately RMB15.056 billion. This fully demonstrates the Company's commitment to consistently practising the development philosophy of "prioritising shareholder returns and safeguarding shareholder rights through concrete actions", thereby creating long-term, stable and sustainable value returns for shareholders.

Standardise the Construction of the Board of Directors

The Company attaches great importance to the standardised development of the Board of Directors and continuously optimises its structure to ensure independence, professionalism and diversity. The Company strictly complies with the *Company Law of the People's Republic of China,* the *Guidelines for the Governance of Listed Companies* and other laws and regulations, improves the mechanisms for the appointment, performance evaluation and training of Directors, and strengthens the Board's core role in strategic decision-making, risk management and control, ESG governance and the review of major matters. Meanwhile, it gives full play to the professional strengths of independent Directors and special committees to enhance the scientificity of decision-making and the effectiveness of supervision, effectively protect the legitimate rights and interests of all shareholders, especially minority shareholders, and provide solid governance support for the high-quality and sustainable development of the Company. The Company has been selected as one of the "Best Practice Cases of Board of Directors of Listed Companies" by the China Listed Companies Association for three consecutive years.

- **Board Diversity**

The Company has established a policy on Board diversity. When selecting, evaluating and nominating Director candidates, the Company considers and assesses diversity in respect of age, gender, educational background, professional experience and skills, and length of service. The current members of the Board possess diverse professional backgrounds including corporate management, highway, energy, finance, accounting and legal expertise, and demonstrate diversity in gender, age and skills. During the reporting period, the number of female Directors increased to three, significantly enhancing the inclusiveness of the Board and the comprehensiveness of its decision-making perspectives.

During the Reporting Period

25%
of female directors

- **Board Effectiveness**

The Company annually reviews and summarises the Board of Directors' key activities undertaken during the year, the Company's operational results and relevant financial information, and specific practices in corporate governance, compiling these into the *Board of Directors' Work Report* for submission to the Shareholders' Meeting. In 2025, all independent directors submitted individual annual performance reports to the shareholders' meeting. The Company's annual general meeting assessed the Board's performance, establishing a complete closed-loop process from performance records and reporting to evaluation. This effectively enhances the Board's operational efficiency and corporate governance transparency.

During the Reporting Period

The proportion of independent directors was **33.33**%

9 meetings of the Board of Directors were held

3 general meetings of shareholders were held

17 meetings of the special committees of the Board of Directors were held

Disclosure of Information and Investor Relations Management

The Company strictly complies with securities regulatory requirements in fulfilling its information disclosure obligations, continuously enhances the quality of its information disclosure, and effectively safeguards investors' right to information. The Company attaches great importance to investor relations management and has formulated an *Investor Relations Management Policy*, strengthening communication and engagement with investors through various channels, including regular results presentations, analyst briefings, on-site roadshows, conference calls, and the Shanghai Stock Exchange E-Interaction platform, to foster sound interaction between investors and the listed company. In addition, through investor relations advisors, the Company collects investors' opinions and suggestions by means of questionnaires and follow-up telephone calls, feeds them back to the management team, and conveys market sentiment in a timely manner. The Company has been selected as one of the "Best Practice Cases of Listed Companies for Annual Results Presentations" and "Best Practice Cases of Listed Companies for Investor Relations Management" by the China Listed Companies Association for five consecutive years.

In 2025

- Published more than **400** copies of announcements and other shareholder documents and materials in both English and Chinese
- Over **100** responses to investor enquiries via telephone, email, official website, etc.
- Received more than **20** batches of investor research
- Participated in more than **50** roadshows and investor exchange meetings

Compliance Management

The Company has established a multi-tiered compliance framework, anchored by the *Shenzhen Expressway Group Integrity and Compliance Manual* and underpinned by the *Shenzhen Expressway Group Compliance Management Measures*, supplemented by specialised policies and operational guidelines. Guided by the principle of "unified leadership, division of responsibilities, and full participation", a systematic compliance management operational mechanism shall be established. This mechanism shall dynamically identify, assess, and issue early warnings for compliance risks, achieving comprehensive compliance coverage across all business activities, processes, and positions. At the same time, we further promote the construction of compliance culture, widely disseminate the concept of integrity and law-abiding, internalise compliance requirements and externalise compliance requirements, and earnestly fulfil corporate social responsibility to lay a solid compliance foundation for high-quality development.

Compliance Management Organisational Structure

The Company has established a three-level compliance management organisational structure of "decision-making level – manager level – executive level", which clearly defines the rights and responsibilities of the Party Committee, the Board of Directors, the management level, the Compliance Committee, and the Chief Compliance Officer.

Compliance Management Organisational Structure

Decision-Making Level

- The Party Committee: Exercise leadership in charting the course, overseeing the overall situation, and ensuring implementation. Drive the rigorous adherence to and implementation of compliance requirements throughout the Group, continuously enhancing the level of lawful and compliant business management. Examine major compliance management matters, and within the scope of authority, deliberate upon or determine the handling of personnel involved in violations. Additionally, fulfil other compliance management responsibilities stipulated by laws and regulations, the Articles of Association, the Party Committee's deliberation rules, and other relevant systems.
- The Board of Directors: Exercise functions in formulating strategy, making decisions, and mitigating risks. Review and approve fundamental compliance systems, framework development plans, and annual reports; deliberate and determine major compliance management matters; drive improvements to the compliance management system and evaluate its effectiveness; approve the establishment and functions of compliance management departments.

Management Level

- The Principal Responsible Person: As the primary accountable individual for advancing the rule of law, they shall conscientiously fulfil their duties as the key organiser, promoter and practitioner of lawful and compliant operations, driving forward all aspects of compliance management.
- Compliance Committee: Coordinate and oversee compliance management activities. Advance the implementation of the Group's compliance management system, examine significant compliance matters and provide guidance, direct, monitor and evaluate compliance management work, review annual compliance reports and plans, and coordinate the handling of major compliance risk incidents.
- Leaders in charge: In accordance with operational responsibilities, oversee compliance management across all units within the designated scope of oversight, and supervise the implementation of major compliance risk prevention and control measures by these units.

Execution Level

- Chief Compliance Officer: Comprehensively oversee the Group's compliance management activities, lead the compliance department in organising and executing specific tasks, participate in major decision-making processes and provide compliance-related advice, and guide business and functional departments in strengthening compliance management.
- Each Unit: Assume primary responsibility for compliance management within the organisation, fulfilling the role of the "first line of defence" in accordance with the requirement that "those responsible for business operations must also be responsible for compliance".
- Compliance Management Department: Responsible for planning, organising and coordinating the development of corporate compliance management systems, fulfilling the role of the "second line of defence".
- Supervisory Departments (Discipline Inspection and Supervision Office, Audit Department, Joint Supervisors): Responsible for overseeing compliance management inspections, investigating non-compliance issues, monitoring rectification implementation, pursuing relevant accountability, and proposing system improvement recommendations, thereby fulfilling the duties of the "third line of defence".

The Company has established three lines of defence for compliance management, clearly delineating the boundaries of authority and responsibility for each entity. Centred on multiple key areas and critical junctures such as market transactions and investment mergers and acquisitions, it has implemented a comprehensive operational mechanism encompassing risk identification, compliance review, and accountability for violations. Concurrently, through institutional development, information technology support, and the cultivation of a compliance culture, it has forged a pragmatic and efficient integrity and compliance management system with clearly defined responsibilities. This provides a dual safeguard of both institutional frameworks and operational execution for the Company's compliant business operations.

Achievements and Highlights

The Institutional Framework Continues to be Refined

Enhancing the multi-tiered governance rules system centred on the *Articles of Association*, clarifying the responsibilities and authorities of each governance entity through a checklist format; fully leveraging the role of independent directors by strengthening safeguards for directors' duties through training programmes, regular reporting, and pre-communication on major matters; Establish a tiered, categorised, end-to-end contract management system and steadily advance the development of an intelligent contract platform; update and refine a suite of internal control manuals, management systems, and functional handbooks; conduct specialised research on the new *Company Law* and correspondingly enhance institutional processes to mitigate legal risks.

- Selected as "Best Practice Case of Listed Company Governance" and "Best Practice Case of Board of Directors of Listed Company" by China Listed Companies Association for consecutive years
- Has been honoured with multiple governance awards from institutions such as the Shenzhen Corporate Governance Research Association

Management in Key Areas has been Deepened

Continuously optimised the internal control system, conducting multiple rounds of specialised inspections and rectifications at subsidiaries to effectively plug management loopholes; Guided by the principle of "centring on risk management, leveraging internal controls, upholding compliance as the baseline, and supplementing with legal affairs management", an innovative collaborative operational mechanism for risk, internal control, compliance, and legal affairs was established. Information technology was utilised to achieve coordinated operations across these functions within business systems, embedding key risk, internal control, and compliance review points into existing business processes.

Significant Achievements in Integrity and Compliance

Establish a "1+N" integrity risk prevention and control system, focusing on key areas and critical junctures prone to corruption. Shenzhen Expressway has issued the *Compilation of Integrity Systems for Key Areas* and eight specialised *Integrity Risk Prevention and Control Manuals* for key sectors, identifying integrity and compliance risk points for targeted prevention and control. A "Six-in-One" joint supervision mechanism has been established to conduct specialised inspections in high-risk areas, incorporating compliance management into annual performance assessments and enforcing strict accountability for violations.

Case Conducted Regulatory Training

In 2025, the Company conducted specialised training centred on the Judicial Interpretation of the *General Provisions of the Contract Section of the Civil Code*, effectively enhancing contract management and risk prevention capabilities. Concurrently, targeted training sessions were organised for directors, supervisors and senior management regarding the *new Company Law of the People's Republic of China*. Through case studies, these sessions elucidated the duties of loyalty and diligence, delineated the boundaries of responsibility, and clarified the civil, administrative and criminal liabilities associated with fulfilling duties. The training also established criteria for identifying shadow directors, providing practical guidance for compliant performance under the new legislation.



Training Workshop for the New *Company Law of the People's Republic of China*

Internal Control

The Company places high importance on the standardised development and sustained operation of its internal control system, maintaining an equal emphasis on both "top-level design and implementation at the operational level". It has established a "two-tier" internal control management structure with clearly delineated responsibilities: the Board Audit Committee exercises oversight functions, controlling the medium-to-long-term planning and annual key tasks of internal controls; the Audit Department, as the dedicated executive body, is responsible for the routine inspection and independent evaluation of the internal control system, ensuring that internal control work is effectively integrated throughout the organisation and robustly implemented.

Achievements and Highlights

Comprehensive System Development

The Company strictly adheres to the *Basic Specifications for Enterprise Internal Control* and its supporting guidelines issued by the Ministry of Finance and four other ministries. By deeply integrating the five core elements – internal environment, risk assessment, control activities, information and communication, and internal monitoring – it has established a comprehensive internal control system centred on risk management and focused on compliance oversight. This shifts the emphasis of risk prevention to an earlier stage, achieving a transition from "reactive response" to "proactive prevention" and ensuring business operations remain on a secure and controllable track.

Standardisation of Institutional Norms

The *Shenzhen Expressway Group Internal Control Manual* has been compiled and is dynamically updated to clarify key control points, responsible entities, and implementation standards for each business process. This ensures effective integration between management systems and operational workflows, providing operational, quantifiable, and assessable standardised guidance for internal control activities across all organisational levels. It facilitates the embedding of internal control requirements throughout the entire business process.

Closed-Loop Supervision and Evaluation

Establish a closed-loop oversight mechanism comprising self-assessment, specialised evaluation, and rectification. At year-end, the Audit Department organises all units to conduct annual internal control self-assessments in strict compliance with regulatory requirements, systematically identifying design flaws and operational deficiencies. The Audit Department then conducts independent, objective inspection and evaluation based on the risk levels and materiality of each business segment. For identified issues, the Company implements list-based management and a rectification closure system, tracking and monitoring defect remediation and optimisation to continuously enhance the adaptability and effectiveness of the internal control framework.



In 2025, the Company has been selected as a recipient of the China Listed Companies Association's "Best Practice Case in Internal Control for Listed Companies".

Risk Management

The Company places high importance on the development of its risk management system, establishing a two-tiered risk management framework with clearly delineated responsibilities: the Board Risk Management Committee exercises supervisory functions, assisting the Board in formulating corporate risk management principles and policies, overseeing that management has established an effective and comprehensive risk management system, and aiding the Board in monitoring the Company's overall risk profile as well as conducting risk analysis and monitoring for major investment projects. The Risk Management and Legal Department, as the executive body, is responsible for spearheading specialised research on risk management in key areas, compiling lists of significant risks and corresponding countermeasures within these domains, providing independent and objective opinions on all company investment projects, conducting regular or ad hoc inspections of risk control measures across all units, and formulating Shenzhen Expressway's annual risk management plan, annual/semi-annual risk management reviews, and quarterly reports on major risk management developments.

Three-Line Defence Mechanism

The Company has established a three-line defence mechanism for risk management, driving the comprehensive coverage of risk management activities from proactive pre-emptive identification and precise analysis to dynamic evaluation. This ensures the deep integration of risk management with strategic decision-making and operational management.

Three-Line Defence Mechanism in Risk Management

First Line of Defence	Second Line of Defence	Third Line of Defence
Relevant Functional Departments and Subsidiaries	Risk Management and Legal Department	Audit Department and Discipline Inspection and Supervision Office
Responsible for identifying, assessing, responding, monitoring, and reporting risks existing in each unit, and operating in strict accordance with laws, regulations, and policies and procedures	Responsible for coordinating and managing cross-departmental and cross-disciplinary major risk events, coordinating the formulation of various risk management and control policies and standards, examining business risk management and control, supervising the implementation of risk management policies and measures, and assessing the risk management and control work of subsidiaries, etc.	Responsible for in-process supervision of risk prevention and control, post-event investigation of risk events, and evaluation of the effectiveness of the first and second lines of defence

Achievements and Highlights

System Optimization and Regular Monitoring

The Company has formulated the *Guidelines for Risk Classification and Categorisation Management of Shenzhen Expressway Group*, establishing and dynamically adjusting a major risk register and early warning indicator system. A year-round routine risk monitoring and reporting framework has been implemented, with regular risk assessments conducted to produce risk management reports, thereby providing scientific basis for management decision-making. Concurrently, synergistic integration of risk management with internal control systems and compliance management is being advanced to achieve information sharing and resource consolidation, thereby enhancing overall risk prevention and control effectiveness.

Risk Penetration and Precise Control

The Company regularly holds special promotion meetings on major risk events to continuously track and control the identified key risk events.

In 2025, the Company completed a comprehensive analysis and evaluation of risk projects and countermeasures based on the annual work plan and changes in the internal and external environment. This year's risk management plan covers six major areas: strategy, finance, market, operation, legal and safety, with a total of 42 risk issues identified. Through quantitative assessment of the likelihood and impact of risks, differentiated responses are formulated for different levels of risk to ensure a closed-loop implementation of risk management.

In 2025

A total of **8** special meetings on major risk issues were held

Assisted the risk management committee to hold **2** meetings

Fortify Integrity and Professional Ethics

Shenzhen Expressway regards integrity and honesty as the lifeline of corporate development. Strictly adhering to laws and regulations including the *Anti-Monopoly Law of the People's Republic of China,* the *Anti-Money Laundering Law of the People's Republic of China*, and the *Basic Standards for Enterprise Internal Control,* it has formulated internal systems applicable to all business segments and functional departments. These include the *Integrity Risk Prevention and Control Manual,* the *Anti-Fraud Work Regulations,* the *Accountability System for Party Conduct and Clean Government,* and the *Measures for Managing Staff Conflicts of Interest.* The Company maintains a zero-tolerance stance towards all corrupt practices, continuously purifying its operational ecosystem and fortifying the foundations for compliant development.

Business Ethics and Anti-Corruption: Fortifying the Foundation of Integrity, Building a Transparent Ecosystem

The Company upholds Party leadership and integrity in business practices, integrating anti-corruption efforts into its comprehensive strict governance over the Party and corporate governance framework. It resolutely eradicates acts of embezzlement, bribery, and improper benefit transfers, striving to build a transparent state-owned enterprise and an incorruptible Shenzhen Expressway. The Company's board of directors has formulated the *Anti-Fraud Regulations*, which clarify key areas of anti-fraud work and division of responsibilities, fraud prevention and control measures, as well as procedures for reporting, investigating, handling and reporting fraud cases. The Company's Audit Committee oversees fraud risk monitoring and management measures. Moreover, the Company's Commission for Discipline Inspection focuses on its core duties, maintaining close oversight over major projects, critical procedures, and key areas of integrity risk. It strengthens daily and specialized supervision, improves the whole-process supervision mechanism, and rigorously investigates and deals with corruption issues with a "zero-tolerance" attitude.

Strengthen the Oversight Framework to Fortify Defences against Corruption Risks. Centred on the Company's annual key tasks, we will innovate supervisory mechanisms to refine the shareholder oversight system. By consolidating diverse supervisory resources and scientifically formulating annual inspection priorities, we will focus on critical projects, key sectors and pivotal processes. Targeted inspections will drive immediate rectification, mitigate operational risks, and comprehensively reinforce robust defences against corruption.

Cultivating a Culture of Integrity and Forging a Distinctive Brand Portfolio. Enhancing the development of integrity culture platforms within the expressway and environmental protection sectors. Organising activities such as essay competitions on family education and values, integrity-building initiatives, exhibitions of integrity-themed cultural works, and integrity knowledge contests to foster a clean and upright working environment conducive to enterprise and innovation.

Strengthening Audit Oversight to Build a Collective Integrity Defence. Establish a regularised mechanism for term-based economic responsibility audits, conducting such audits for chairpersons of major subsidiaries. Prioritise the implementation of Party conduct and integrity-building responsibilities, compliance with integrity-in-business regulations, and adherence to the Central Committee's eight-point decision on conduct within audit focus areas. Through rigorous scrutiny, promote integrity and reinforce the primary responsibility of the "key minority".

Standardising Channels for Public Petitions and Enhancing the Effectiveness of Disciplinary Review. In accordance with higher-level directives such as the *Administrative Measures for Discipline Inspection and Supervision Complaints* and the *Anti-Fraud Regulations*, the Company has established dedicated telephone lines and email addresses for reporting disciplinary violations and fraud. These contact details are publicly available on the Company's official website to further facilitate reporting channels. Concurrently, the Company has rigorously standardised procedures for receiving and handling complaints, enforced strict confidentiality protocols, and ensured all reported matters receive prompt responses and impartial resolution.



Disciplinary Inspection, Petition, and Reporting Work Processing Procedure

Case **Conducted Integrity Training Activities**

In June 2025, The Party Committee convened a conference on in-depth implementation of the Central Committee's eight-point decision, featuring educational sessions and warning lectures, alongside a special Party lecture on integrity. About 250 employees took a centralised offline and online learning method. Through in-depth analysis of disciplinary cases, it sounded the alarm for all participants and further enhanced their awareness of discipline and rules.



In 2025

Organised viewing of **111** warning and educational videos

Printed and posted **28** integrity posters

Conducted **72** warning education activities

Combating Unfair Competition: Upholding Fairness Standards to Safeguard Market Order

The Company steadfastly adheres to the market philosophy of "rule of law as the guiding principle and fair competition". We strictly comply with laws and regulations including the *Anti-Monopoly Law of the People's Republic of China* and the *Anti-Unfair Competition Law of the People's Republic of China*. We closely monitor domestic and international policy developments and supervisory trends concerning anti-monopoly and anti-unfair competition. The principle of fair competition is integrated into the Company's governance and institutional framework. Awareness campaigns against unfair competition are conducted, and relevant risks are continuously monitored to effectively safeguard an open, transparent, fair, and orderly market competition environment.

The Company proactively maintains the market competition order, eliminates competition in any way that violates laws and regulations or violates business ethics, and resolutely resists false publicity, commercial slander, commercial bribery, or infringement of commercial secrets and other illegal activities.

The Company strictly adheres to all relevant anti-monopoly laws and regulations. We neither organise nor participate in any agreements that impede competition, nor do we abuse market dominance to implement practices that restrict or exclude fair competition.

The Company continues to refine its contract management system, standardise operational procedures, and eliminate non-compliant practices such as signing contracts during project execution, signing after work commencement, signing without prior approval, or failing to sign contracts at all. Subcontracting, unlawful subcontracting, or entering into fictitious contracts are strictly prohibited, thereby fortifying the defences for compliant business operations.

Uphold Information Security

Shenzhen Expressway has established robust information security defences as the primary prerequisite and solid foundation for its digital and intelligent transformation. By anchoring its strategic direction and adhering to the principle of "equal emphasis on security and development", the Group has constructed a comprehensive, multi-layered security protection system. Building upon this foundation, it is exploring the deep integration of artificial intelligence with core operations such as maintenance and toll collection within a secure and controlled environment, driven by technological innovation. This approach ensures high-level security safeguards high-quality development, striving to forge future-oriented core competitiveness.

Network and Data Security

The Company adheres to the principle of "safety first, prevention foremost, equal emphasis on technology and management, and comprehensive safeguards", treating network and data security as the foundation of its digital and intelligent transformation.

Standardisation of the Institutional Framework

Core regulations such as the *Information System Network and Data Security Management Procedures* and the *Network and Data Security Incident Emergency Response Plan* have been formulated and are subject to dynamic revision. This has established a comprehensive security management system spanning the entire lifecycle of "prevention – monitoring – response – recovery".

Deepening Group Governance

Promoting tailored contingency plans and operational guidelines for each subsidiary under the principle of "one enterprise, one strategy", thereby establishing a grid-based safety protection framework characterised by "group-wide coordination, top-down and bottom-up synergy, and full staff participation". This ensures comprehensive safety management with no blind spots or gaps.

Practical Application of Security Capabilities

Establish a routine mechanism for risk assessment and emergency drills to comprehensively enhance proactive defence and rapid response capabilities against advanced persistent threats (APTs), data breaches and other risks.

Achieving Effective Control Objectives

Strictly uphold the fundamental safeguards for network, data and personal information security, ensuring information systems are "secure, controllable, capable of being controlled and under control", thereby fortifying the digital defences for the Group's high-quality development.

Cybersecurity Management

A dual operation and maintenance and closed-loop handling mechanism of "regular self-inspection and self-correction plus enhanced oversight during critical periods" has been established, together with a closed-loop management system of "issuance-rectification-review" for risk vulnerabilities

Continuously monitor security incidents on the Internet and office networks of the Company and its subsidiaries

Throughout the year, we have completed a total of 11 cyber security tasks during key periods, including the Shenzhen Public Security Offensive and Defence Drill, the Fourth Plenary Session of the 20th CPC Central Committee, the National Games, and the Paralympic Games

Throughout the year, three cybersecurity training sessions and one emergency drill were organised and conducted

Digital Infrastructure

Completed the planning, design and project approval of digital infrastructure such as private cloud, network, security, and maintenance systems

Integrated ITC resources from multiple locations, implemented centralised management, and phased out idle systems, resulting in a 7% increase in resource utilisation

Case **The Company participated in the State-owned Assets Supervision and Administration Commission Cyber Security Week training**

In 2025, the Company implemented cybersecurity safeguards at all levels and actively participated in the Shenzhen State-owned Assets Supervision and Administration Commission Cybersecurity Awareness Week initiative. Over 30 relevant personnel from the Company and its subsidiaries were organised to participate in online awareness training, effectively enhancing staff cybersecurity awareness and improving protective skills.

Case **The Company Organised an Information System Data Recovery Exercise**

In 2025, the Company conducted an annual information system data recovery exercise to simulate extreme scenarios of data loss due to sudden failure of the core business system to test key indicators such as the effectiveness of data backup strategies, emergency response speed, and cross-departmental collaboration efficiency. The drill successfully restored all business data within the predetermined time, the system was running normally, and all indicators were up to standard, fully verifying the reliability of the data backup system.

In 2025

0 cybersecurity incidents

Digital Transformation

The Company focuses on core business segments such as expressways and environmental protection, driving business model innovation through technological empowerment and management upgrades. We maintain a balanced emphasis on both technological hard power and cultural soft power, establishing a virtuous cycle system of "technological empowerment – operational efficiency enhancement – capability upgrading" to forge future-oriented digital and intelligent core competitiveness.

Management Empowerment

- The Company has implemented localised deployment of AI applications and integrated them into the OA system, merging multi-dimensional data tags to deliver solutions across eight key domains including finance and human resources, thereby establishing a comprehensive cognitive closed-loop process. Through intelligent assistants and computer vision models, it provides round-the-clock online services while strictly ensuring data remains within the domain, intelligently empowering enterprise management.

Business Empowerment

- In multiple key construction management projects, the Company has enhanced operational capabilities by integrating BIM with AI technology.
- For expressway projects under operational management, the Company has introduced AI computer vision technology to analyse surveillance footage, enabling intelligent accident recognition and significantly improving incident response times and rescue efficiency.

Cultural Awareness Empowerment

- In March 2025, the Company organised a brainstorming session on "Future Applications of AI Large Models". The session held in-depth discussions on topics including the practical implementation cases of AI technologies, AI-enabled business development, and optimisation paths for AI models, so as to build consensus and lay a solid foundation for the subsequent scenario-based deployment and innovative application of AI technologies.
- In December 2025, the Company organised a lecture session for management and staff themed "Based on Xuanjing's domestically developed BIM 3D design + smart construction • industrial internet", which enabled participants to gain a more comprehensive understanding of the common technical bottlenecks in digital connectivity currently faced by the transportation infrastructure industry and how digital development drives actual engineering operations.

Deepen Responsible Governance

Shenzhen Expressway has deeply integrated ESG factors into its strategic planning, operational processes and comprehensive risk management system. The Company continuously refines its ESG governance framework and operational mechanisms, driving the evolution of ESG management from "compliance-focused disclosure" to "value creation" to empower sustainable, high-quality development. As a member of the China Association of Listed Companies' Sustainable Development Committee, the Company engages in industry dialogue through this platform, learning from best practices to jointly explore sustainable development pathways suited to national conditions.

ESG Governance Structure of Shenzhen Expressway

To deeply integrate ESG principles into corporate strategy and operations, effectively manage risks and capitalise on sustainable development opportunities, the Company formally established an Environment, Social and Governance Committee (hereinafter referred to as the "ESG Committee") during the reporting period and promulgated the *ESG Committee Working Regulations*.

The members of the Company's ESG Committee comprise key management personnel, heads of departments, and principal officers of subsidiary companies. The Committee Secretary is the Director of the Board Secretariat/Investor Relations Department.

The ESG Committee serves as the central management and coordination body for the Company's ESG affairs, responsible for driving the implementation of the Company's ESG strategy, coordinating cross-unit resources, and overseeing day-to-day operational management. The Board Secretariat/Investor Relations Department, acting as the executive arm of the ESG Committee, primarily coordinates the implementation of ESG-related work across all units, monitors the Company's ESG performance and progress towards relevant targets, and provides regular updates to the ESG Committee.

Furthermore, the Company has incorporated ESG metrics pertaining to ecological conservation, technological innovation, Party conduct and integrity, and workplace safety into the performance appraisal system for management personnel. This transforms sustainability responsibilities from "soft constraints" into "hard indicators", thereby continuously strengthening incentives and accountability for senior management in the realm of sustainable development.



ESG Governance Structure of Shenzhen Expressway

Governance Hierarchy	Responsible Body	Responsibilities
Decision-Making Level	Board of Directors	• Approval of ESG strategies, visions and objectives • Building and optimise the ESG governance structure • Developing a corporate ESG plan • Review risks and materiality related to ESG matters • Approve the Company's annual *ESG Report*
Management Level	ESG Committee	• Review the Company's mid-to-long-term ESG strategy, annual work plan and target setting • Organise the formulation and improvement of the Company's ESG management systems and work rules • Coordinate the resources of various departments and subsidiaries to guide, supervise and review the implementation of ESG work to ensure smooth cross-departmental collaboration • Identify, assess and monitor material ESG risks and opportunities faced by the Company, and formulate countermeasures • Organise and lead the preparation, review and disclosure of the Company's annual *ESG Report* • Coordinate internal and external ESG communication, including responding to inquiries from supervisory authorities, investors, and rating agencies, and fostering an ESG culture internally • Propose and participate in the formulation of the Company's internal ESG performance evaluation and assessment schemes
Execution Level	Functional Departments and Subsidiaries	• Implement ESG management initiatives • Regularly reporting progress on ESG goal completion • Integrate and summarise the annual progress and highlight cases of ESG work in departments/organisations



Enhance Due Diligence and Stakeholder Communication

Due diligence constitutes the core function through which the Company identifies, assesses, mitigates and addresses various ESG risks. For potential investment projects, the Company implements a due diligence mechanism involving cross-departmental collaboration and joint review with third-party professional institutions. During the reporting period, the Company revised *Investment Management Regulations* to further standardise the entire process from pre-investment due diligence to post-investment management. Additionally, the Company conducted specialised investigations focusing on supplier management and business ethics, with specific details disclosed in relevant subsections.

The Company continues to strengthen communication and engagement with its stakeholders, including government bodies, investors, employees, customers, suppliers and local communities. This enables the accurate identification of issues of concern to each stakeholder group, alongside a deep understanding of their expectations and demands. Tailored to the characteristics of each stakeholder group, the Company establishes diverse communication channels and feedback mechanisms to ensure timely and accurate responses to their concerns.

Communication with Stakeholders of Shenzhen Expressway

Stakeholders Category	Major Issues	Demands and Expectations	Response Method and Content
Governments and Regulatory Agencies	• Compliance operation and risk management • Integrity discipline and fair competition • Sustainability management • Environmental compliance management • Addressing climate change • Pollution prevention • Ecosystem and biodiversity conservation • Circular economy • Energy utilisation • Water resource utilisation • Rural revitalisation • Social contribution	• Comply with laws and regulations • Implement national policies and promote high-quality social and economic development • Support regional development	• Reporting on production and operation status, progress of significant matters and implementation of policies. • Continuously strengthen the corporate compliance management and ensure legal and compliant operation, enhance the transparency of information disclosure. • Formulate and continue to optimise the Company's strategic positioning, industrial orientation and business measures, ensure conformance to the orientation of national policies, balance economic and social benefits in development and promote social and economic development. • The Company should consider both economic and social benefits in their development to promote social and economic development. • Carry out targeted poverty alleviation and support regional development by means of industrial investment, personnel assignment and public welfare investment.
Investors	• Protecting shareholders' rights and interests • Compliance operation and risk management • Seize industry opportunities and technological trends	• Robust income and dividends • Reduce investment risk • Open and transparent information • High-quality development	• Do well in business operation, improve business performance and maintain a stable dividend policy. • Improve enterprise management and attach importance to risk identification and control. • Conduct information disclosure in a compliance manner and attach importance to investor relations. • Enhance the core competitiveness and long-term development capabilities of the principal business.

Stakeholders Category	Major Issues	Demands and Expectations	Response Method and Content
Suppliers	• Supply chain management • Compliance operation and risk management • Integrity and fair competition	• Carry out cooperation for mutual benefit and win-win results • Fulfil contracts • Promote industry development	• Implement fair procurement and build a responsible supply chain. • Integrity and transparency, honouring commitments, fulfilling obligations with integrity. • Encourage suppliers to use new technologies, new materials and new processes, optimise their management mode and jointly promote industry development.
Customers	• Quality service • Road quality and operational safety • Data security and privacy protection • Innovation-driven • Seize the opportunity in clean technology	• High quality service • Ensure safe and smooth traffic flow • Ensure timely rescue and obstacle removal • Comprehensive and timely road information • Well-established road facilities • High-efficiency energy and resource output • The solid waste recycling process is safe and environmentally sound	• Render feedback on services and open the complaint channels to public. • Improve traffic efficiency with new technologies and innovative modes. • Improve traffic efficiency with new technologies and innovative modes. • Timely release traffic information. • Strengthen road maintenance. • Ensure safe and environmentally responsible production, enhance solid waste resource recovery rates, improve clean energy generation efficiency, and increase heating efficiency.
Employees	• Employee employment and benefits • Employee training and development • Occupational health and safety	• Salary and benefits • Development opportunities • Training system	• Continuously improve the salary performance system and carry out employee satisfaction survey. • Optimise the job classification system and performance appraisal and promotion mechanisms, implementing measures such as competitive selection for management positions and a "dual mentor" for new employees. • Prioritise professional development training by developing online and offline training programmes, establishing incentive mechanisms for academic qualifications and technical professional titles, etc..
Communities	• Pollution prevention • Ecosystem and biodiversity conservation • Rural revitalisation • Social contribution	• Expressway environmental impact • Business ethics • Participate in community development • Support public charity	• Do well in project environmental assessment, planning and design. • Ensure traffic safety during construction and operation phases, and implement systematic measures to prevent dust, noise and other forms of pollution. • Value coordinated development with surrounding communities, make public the complaint channels and timely and properly handle reasonable appeals. • Carry out targeted poverty alleviation and support regional development. • Conduct public welfare volunteering activities.
NGOs/Non-Government Environmental Protection Groups	• Addressing climate change • Ecosystem and biodiversity conservation • Pollution prevention	• Make rational use of resources • Protect the ecological environment	• Improve the efficiency of energy and resource utilisation. • Implement green operation and office. • Strengthen the disclosure of environmental information.

Assessment of Material Issues

The Company actively responds to new requirements under ESG regulatory policies. By comprehensively considering development strategy, industry trends, feedback and expectations from internal and external stakeholders and rating agencies, we have identified sustainability-related impacts, risks and opportunities. We have conducted a dual materiality assessment of issues, clarifying the relevance and priority of each issue to both business operations and the development of the industry.

Double Materiality Assessment Process

Create a List of Issues

The Company comprehensively analysed regulatory disclosure requirements, SASAC guidance, mainstream ESG rating criteria and stakeholder priorities. By benchmarking against industry leaders and incorporating sector-specific characteristics, we updated and refined our materiality issues list, identifying a total of 22 potential material issues.

Assessment of Material Issues

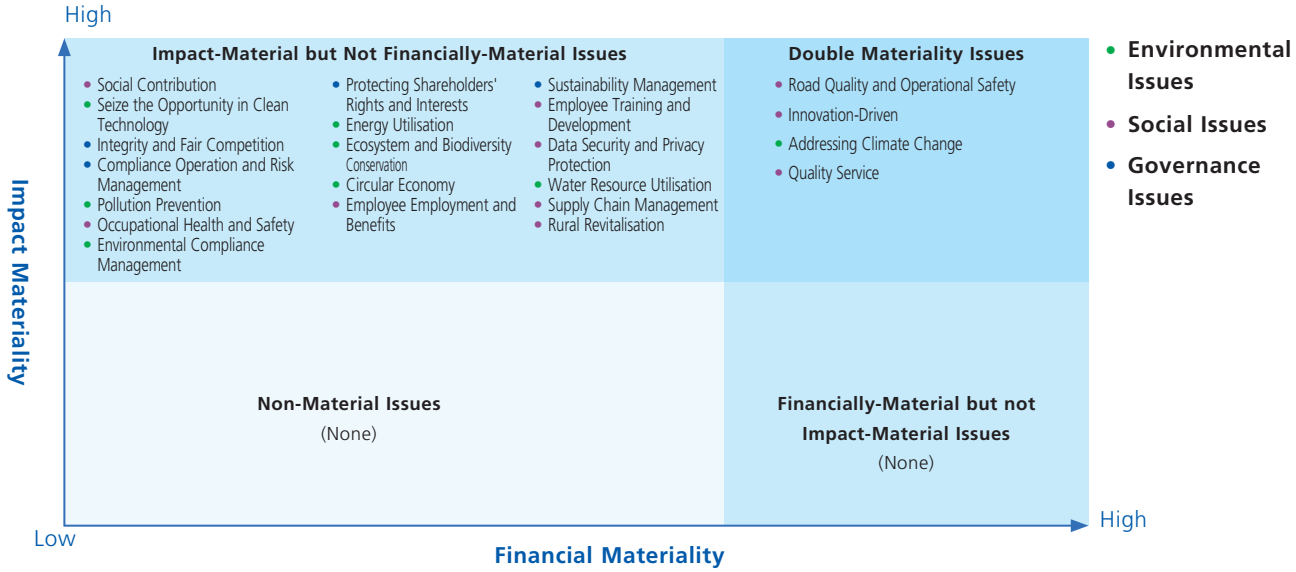
Identification: Based on the annual list of material issues, nearly 160 impacts, risks and opportunities were identified for all stakeholders.

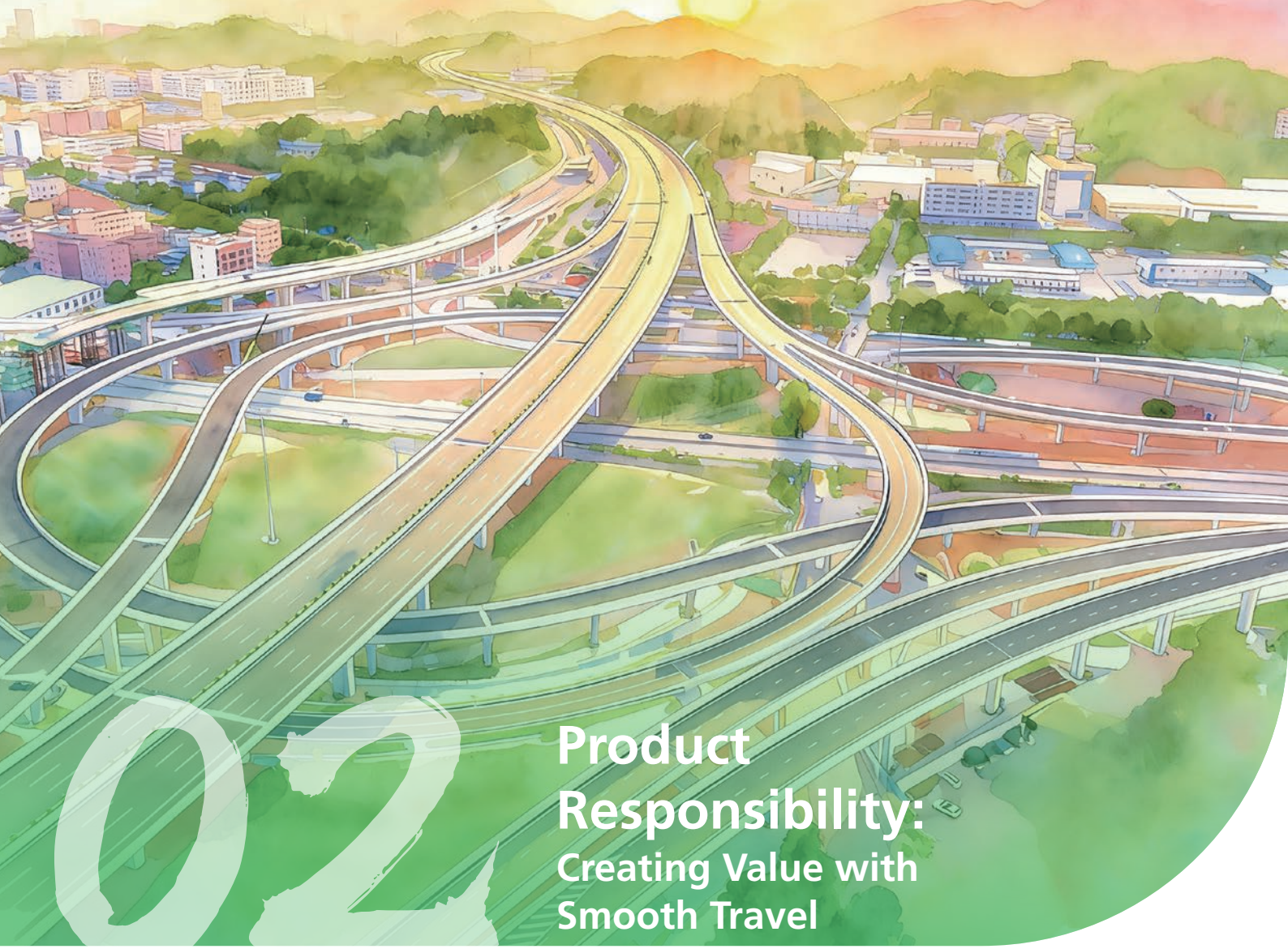
Evaluation: Through research interviews and the distribution of assessment questionnaires, evaluation dimensions and thresholds for materiality and financial materiality were established according to the Company's characteristics. Pooling resources from the group headquarters and subsidiaries, senior executives and department heads were invited to conduct a dual materiality assessment on 22 issues. Quantitative analysis was performed on the results of materiality and financial materiality, and combined with the opinions of external sustainability experts to form the materiality assessment conclusions.

Issues Review and Confirmation

As confirmed by the Board of Directors and the ESG Committee, the 4 issues with the highest double materiality this year are: Road Quality and Operation Safety, Innovation-Driven, Addressing climate change, and Quality Service. These are disclosed with emphasis in this report under the framework of "Governance – Strategy – Impact, Risk and Opportunity Management – Metrics and Targets".

Shenzhen Expressway Double Materiality Matrix





02

Product Responsibility: Creating Value with Smooth Travel

Shenzhen Expressway remains steadfast in its corporate mission to "building high-quality infrastructure, serving a better life in the city". We persist in innovation-driven development, meticulously constructing engineering quality, rigorously upholding safety standards, and enhancing service experiences. Through continuous technological and managerial innovation, we are committed to making every motorist's journey more reassuring, smoother, and more enjoyable.

Aligning with the United Nations Sustainable Development Goals (SDGs)



The Sustainable Development Issues of the Shanghai Stock Exchange Addressed in this Chapter

- Innovation-Driven
- Ethics in Technology
- Product and Service Safety and Quality
- Data Security and Customer Privacy Protection

The ESG Contents of the Stock Exchange of Hong Kong Addressed in this Chapter

- B6 Product Responsibility

Innovation Drives Development

Focusing on the critical and challenging aspects of its core operations, Shenzhen Expressway has vigorously advanced technological innovation, achieving phased progress in areas such as the establishment of innovation platforms, the implementation of R&D projects, and the translation of outcomes into practical applications. During the reporting period, the Company did not engage in any practices that violate scientific and technological ethics.

Governance

The Company has comprehensively reviewed and refined the organisational structure for its technological innovation initiatives, designating the Group Chief Engineer's Office as the lead department for coordinating and managing innovation efforts. During the reporting period, the Company completed the drafting of the *Group Technological Innovation Management Measures (Draft for Comments)* and initiated the preparation of the *Group Technological Innovation 15th Five-Year Plan*, guiding subsidiary companies in establishing and improving their internal innovation systems. Notably, the New Energy Company issued the *Guidelines for Research and Innovation Projects (Trial)*, and the Environmental Company released the *Technical R&D and Technological Innovation Management Measures (Trial)* and established a dedicated leadership team. This has fostered an interconnected innovation management mechanism that bridges upper and lower levels. Regarding the development of technological innovation platforms, the Company obtained approval to establish one Provincial-Level Engineering Technology Research Center and two Postdoctoral Innovation Practice Bases in 2025. We also collaborated with multiple universities to build industry-academia-research cooperation platforms, laying a solid foundation for exploring cutting-edge technologies and attracting high-end talent.



Shenzhen Expressway has been Approved "Guangdong Provincial Engineering Technology Research Centre for Lithium Battery Recycling"



Shenzhen Expressway has been Approved 2 "Post-doctoral Innovation Practice Bases"

Strategy

Guided by the development of scientific and technological innovation, the Company systematically identifies and evaluates risks and opportunities related to scientific and technological innovation, continues to promote smart transformation, and strives to build a smart Shenzhen Expressway.

Risk/Opportunity Type	Risk/Opportunity Description	Time Horizons	Coping Strategies
Risks	Innovative research and development requires sustained and substantial upfront investment. The commercial application of certain cutting-edge technologies involves extended return cycles, presenting risks that investment returns may fall short of expectations.	Short term, Medium term, Long term	• Plan R&D and investment in phases, prioritizing technology directions with clear commercialization prospects; • Expanding diversified financing channels to share capital pressure; • Conduct market validation in advance and co-build pilot programs with downstream customers.
	Failure to select the optimal technical pathway at an early stage, or the inability of laboratory results to adapt to complex engineering environments, may result in the inability to commercialise research and development outcomes, thereby posing a risk of sunk investment.	Short term, Medium term, Long term	• Conduct comprehensive technical research and feasibility demonstration in the early stage, and form an expert committee to evaluate the technical path; • Establish a tiered validation system encompassing pilot-scale, intermediate-scale and industrial-scale testing to ensure the suitability of outcomes for practical engineering environments; • Strengthen industry-academia-research collaboration and leverage external research resources to mitigate conversion risks.
Opportunities	Through innovative technology research and development, we build a technological moat and form core assets that are difficult to replicate.	Medium term, Long term	• Focus on core technology areas and concentrate resources to break through key technology bottlenecks; • Strengthen the layout of intellectual property rights and build a protection barrier for core assets; • Build a team of professionals to ensure continuous technological innovation.
	Advancing the implementation and application of innovative technologies in traditional expressway construction, operation, and environmental protection services facilitates cost reduction, efficiency gains, and management enhancement. Furthermore, the provision of technical services can generate new revenue streams.	Short term, Medium term, Long term	• Select representative projects for pilot implementation of innovative technologies, summarise replicable cost-reduction and efficiency-enhancement solutions, then roll out comprehensively; • Drawing upon advanced industry management practices, establish a technical service delivery platform and assemble a specialised service team to expand our client base; • Tie with traditional business customers, and launch the "technology + service" integrated solution.

Impact, Risk and Opportunity Management

The Company systematically advances the refinement and end-to-end management of R&D investments. Through a series of measures including preliminary baseline surveys, targeted initiatives to address key challenges, dynamic process tracking, and closed-loop management, it effectively drives the robust implementation of technological innovation initiatives.

Stimulate the Endogenous Power of Innovation

The Company continues to refine its innovation incentive mechanisms, driving the deep integration of technological breakthroughs with policy incentives. Based on the evaluation results of the "Top Ten Original Technology Breakthrough Projects" submitted to the Shenzhen State-owned Assets Supervision and Administration Commission, the Company has organised the formulation of specialised scientific and technological innovation incentive schemes for the Jihe Expressway Reconstruction and Expansion Project and the Lisi Bio-conversion Project. Notably, the Jihe Expressway Reconstruction and Expansion Project has become the first innovation incentive initiative within the municipal state-owned assets system to adopt milestone-based incentives.

Strengthen Collaboration between Industry, Academia and Research

During the reporting period, the Environmental Company and its subsidiaries continued to deepen their industry-academia-research collaborative innovation mechanisms. They successively established practical teaching bases and signed industry-academia-research cooperation agreements with institutions including Shenzhen University, Sichuan University of Light Industry and Technology, and Guangxi University for Nationalities. To date, the Company has established industry-academia-research partnerships with over ten high-calibre universities and research institutions, including Tsinghua University, Peking University, Harbin Institute of Technology, Tongji University, and the Shenzhen Institute of Advanced Technology of the Chinese Academy of Sciences.

Case **Industry-academia-research Collaboration Project on the Battery Rapid Value Assessment Model**

To efficiently and accurately evaluate the performance of retired power batteries from new energy vehicles, Shenshan Qiantai has collaborated with Shenzhen University to successfully develop an innovative technology for rapidly and non-destructively assessing the State of Health (SOH), Remaining Useful Life (RUL), and State of Safety (SOS) of power batteries. This project deeply integrates data science with non-destructive testing methodologies, overcoming assessment challenges posed by missing charge-discharge data and diverse battery models. It establishes a comprehensive rapid evaluation system capable of completing single assessments within 10 minutes. The project's outcomes have been featured in the *Guangdong Association for Science and Technology's "Compilation of Innovative Case Studies from Hundred Sites Serving Industrial Technological Innovation"*, providing the industry with a demonstrative technical solution.



Battery Rapid Value Assessment Model Research Project and Shenzhen University Postgraduate Professional Practice Year-End Summary Meeting

Transformation of Innovation Achievements

Leveraging its exceptional technical capabilities and project experience, the Company secured three provincial-level accolades during the reporting period: the "Mao Yisheng Science and Technology Award" – Grand Prize for Transport Science and Technology", the "Second Prize for Environmental Protection Science and Technology", and the "Second Prize in the Transport Sector at the National Finals of the 'Data Element X' Competition". Additionally, it garnered ten significant industry honours, including the "Outstanding Project Award for Ecological Environment Comprehensive Management", "First and Third Prizes in the China Transport Association Stone Gold Cup BIM Technology Competition", recognition as a "Exemplary Case of Digital Transformation by the China Transport Association", and designation as an "Exemplary Case of Operations Management by the Highway Society".

Scientific and Technological Innovation Achievements of Shenzhen Expressway in 2025

National, Provincial and Municipal Science and Technology Project Declaration and key Research Aspects

- The national key research and development programme project "Self-Organising Operation Technology for Autonomous Road Traffic Systems" has been approved for funding by the Ministry of Science and Technology.
- Secured municipal-level scientific research funding for the project "Key Technologies for Bio-Conversion of Urban Organic Waste into Fuel" in the field of resource recycling.
- Completed the municipal-level scientific research project "Research, Development and Application Demonstration of Green Recycling Technologies for End-of-Life Ternary Lithium-Ion Batteries", successfully developing an intelligent flexible dismantling and non-hazardous treatment system for retired power batteries. Established a hundred-tonne-scale demonstration facility for green battery material separation, achieving annual sales revenue in the tens of millions.

Innovation in Smart Transportation

For relevant information, please refer to the *Special Topic: Smart Roads for People, Green Energy for the Future.*

Expressway Infrastructure and Maintenance

- Completed the research and application of "Multimodal Image Bridge Dynamic Displacement Intelligent Monitoring Technology", and the research results have been successfully applied in multiple projects.
- Conducted research into the application and key construction techniques of clay-based recycled aggregate for road base layers, securing one invention patent and advancing the resource utilisation of construction spoil.

Green Technology Research and Development

- Improve the energy storage product system: Completed 46 battery pack R&D projects covering multiple business scenarios, developed 13 standard products and 4 battery management systems.

Participate in Standard Development

During the reporting period, the Company actively participated in the formulation of industry standards, contributing to the publication of *Battery and Battery System Maintenance Technician L*, *Safety Requirements and Management Specifications for the Resourceful Utilisation of Kitchen Waste Derivatives*, *Procedures for Monitoring and Evaluating Highway Tunnel Operational Environments*, *Technical Specifications for Uninterrupted Traffic Widening of Concrete Bridges on Expressways*, *Functional Technical Requirements for Expressway Network Toll Audit Systems*, *Technical Requirements for Radio Frequency Integrated ETC Roadside Units*, and *Specification for Operation Monitoring and Maintenance of Expressway Electronic Toll Collection Systems*. These contributions have advanced standardisation and high-quality development within the sector.

Intellectual Property Rights Protection

The Company places high importance on intellectual property protection, with the Group Chief Engineer's Office and the Risk Management and Legal Affairs Department responsible for intellectual property management matters. The Company has formulated the *Intellectual Property Protection Management Measures*, systematically standardising the entire process management of intellectual property rights establishment, maintenance, and infringement prevention during research, development, application, and usage. During the reporting period, the Group successfully obtained authorisation for fifteen invention and utility model patents centred on key technologies in the highway and environmental protection sectors, providing robust technical support for business practices. Furthermore, the Company actively advanced the systematisation of its trademark management framework. During the year, trademark licensing agreements were signed with 19 subsidiaries, achieving unified and standardised management of trademark resources.

Indicators and Targets

The Company has established clear assessment targets in areas including R&D expenditure, the institutional framework for scientific and technological innovation, the development of innovation platforms, and the advancement and application of scientific and technological innovation projects. These targets have been allocated to relevant subsidiaries, with assessment outcomes deeply linked to the remuneration and performance of management personnel. During the reporting period, all scientific and technological innovation assessment targets set for the Group have been fully achieved.

Indicators	Unit	2025
R&D Investment	million	44.695
Number of R&D Personnel	person	122
Number of Valid Patents	item	95
Number of Newly Granted Patents	item	15
Number of Software Copyrights	item	41

Crafting Quality Engineering

Shenzhen Expressway adheres to the development philosophy of "quality first, technology-driven", focusing closely on its core responsibilities and principal business. The Company has diligently advanced key projects, striving to ensure all engineering works are completed on schedule and to a high standard. During the reporting period, progress on the Company's key projects remained on track: the multi-level composite expansion and upgrade of the Jihe Expressway advanced in an orderly manner; the Xinwei Interchange on Shenzhen Outer Ring Expressway commenced operations successfully, while the Tiantoushan Tunnel admit in Contract Section 3 of Phase III was successfully broken through; and site levelling works for the Shenzhen Shenshan Environmental Protection Power Plant were completed without incident.

Governance

The Company continuously refines its quality control system, which comprehensively covers the entire project lifecycle from preliminary planning and engineering design to tender processes, material monitoring, construction works, and maintenance operations. For operational projects, the Company has formulated and implemented regulatory documents including the *Daily Patrol and Routine Inspection Management Measures*, the *Highway Periodic Inspection and Technical Condition Assessment Implementation Management Measures*, the *Daily Maintenance Implementation Management Measures*, the *Daily Repair Implementation Management Measures*, the *Quality Control and Acceptance Implementation Rules*, and the *Toll Station Compliance Assessment Guidelines*. For construction projects, the Company has established an Engineering Technical Committee chaired by the Group Chief Engineer to conduct technical reviews and evaluations of major engineering project proposals. Each project department within the relevant companies maintains a dedicated Quality and Safety Management Division, which formulates specialised engineering quality management systems, defines clear quality management objectives, and implements comprehensive quality control throughout the entire project lifecycle.

Project Engineering Quality Whole-Process Management and Control System

Planning and Design Stage	Road Construction Stage	Maintenance Operation Stage
The Engineering Technology Committee evaluates the rationality, feasibility, and reliability of design proposals in accordance with the relevant provisions of the *Engineering Technology Committee Charter*, ensuring that design proposals meet quality standards.	We have formulated the *Engineering Construction Project Supervision and Inspection Procedures*, implementing quality oversight and performance evaluation through comprehensive inspections and specialised audits. At critical project junctures, we conduct cross-checks by combining internal technical specialists with externally appointed experts.	We have formulated the *Maintenance Management Manual* and established a workflow for the road surface maintenance project database. Preventive maintenance is implemented in a targeted manner, taking into account seasonal characteristics and the road conditions of each section.

Strategy

Risk Type	Risk description	Time Horizons	Coping Strategies
Operational Risk	Specialised maintenance projects, repair works and upkeep operations may encounter issues concerning technical solutions, construction management and traffic organisation, potentially causing congestion on road sections and compromising vehicle safety.	Short term, Medium term	• Select a reasonable and feasible maintenance plan and adopt asphalt concrete materials with high compression resistance and water damage resistance; • Strengthen contract performance management. Strict bidding thresholds and the introduction of third-party supervision agencies to dynamically check the construction progress and material consumption; • Strengthen traffic organisation and public opinion monitoring. Construction announcements were released in advance through multiple channels to clarify the construction period and detour routes.
Security Risk	Damaged or missing traffic safety facilities, landslides or rockfalls on slopes, and failure to promptly clear debris from road surfaces may lead to safety incidents.	Short term	• Strengthen routine maintenance and hazard identification of transport infrastructure. Implement the principle of "tailored measures and precise management", ensuring identified hazards are rectified strictly in accordance with regulatory standards and contractual deadlines. • A smart monitoring system is deployed to use sensors to monitor the displacement of slopes and the structural health of bridges in real time to warn of potential risks in advance.

Impact, Risk and Opportunity Management

The Company systematically identifies risks related to road operation every year, and evaluates and dynamically tracks the actual risk management and control effect on a quarterly basis. If the risk status changes, the Company will adjust the countermeasures in a timely manner to reduce the risk level.

Improve Road Quality

The Company has established an integrated maintenance system encompassing inspection, technical support, upkeep and quality control. A closed-loop management process for hazard management has been implemented, covering investigation, remediation, acceptance and closure. *The Road Maintenance Issue Repair and Disposal Tracking Ledger* has been formulated to ensure full traceability and closed-loop management for every road hazard from identification to resolution. During the reporting period, the Company systematically implemented specialised projects including milling and repaving of road surfaces, pothole repairs, crack sealing, and remediation of bridge and tunnel defects, significantly enhancing the technical condition of the road network under its jurisdiction. Actively responding to and implementing the competent authorities' work arrangements for addressing expressway ramp hazards, the Company conducted specialised remediation on key sections including sharp-curve ramps, long downhill gradients, bridge-tunnel junctions, ramp entrances/exits, and toll plazas. This systematically enhanced traffic safety levels in ramp areas.

Case Qinglian Expressway Employs Ultra-Thin Asphalt Overlay Technology to Enhance the Technical Condition of the Highway Pavement

From October 2024 to January 2025, the Company carried out milling and overlay work on the section of the Qinglian Expressway south of Shankun (100 km, approx. 835,000 m^2), applying a 2.0cm high-elasticity dense-graded ultra-thin asphalt overlay. From February to June 2025, a similar treatment was performed on a section of the Qinglian Expressway north of Shankun (22 km, approx. 197,000 m^2) using a 1.5cm high-elasticity dense-graded ultra-thin asphalt overlay. Upon completion, the highway technical condition index (MQI), pavement performance index (PQI), and the proportion of road sections rated as excellent all reached the "Excellent" grade. The project effectively enhanced the pavement's skid resistance and drainage capacity, reduced traffic noise, extended the road surface service life, and significantly improved traffic efficiency along the treated sections.





Case Innovative Practice of Intelligent Maintenance for Shenzhen Outer Ring Expressway Phase III Project

During the construction of Phase III of the Shenzhen Outer Ring Expressway, the project innovatively adopted encapsulated curing technology, replacing the traditional "manual watering + plastic film covering" method with an integrated approach featuring a "drip irrigation system + physical support + full-wrap process". This technology utilises a circumferential drip irrigation system to achieve 24-hour intelligent water replenishment, increasing vertical surface moisture by 40%, reducing water consumption by 30%, and enabling film reuse. The nylon rope support design eliminates over 95% of curing blind spots at edges and corners, significantly improves dismantling efficiency, and substantially reduces safety risks associated with working at height.



Encapsulated Curing Technology

Road Area Environmental Improvement

The Company continuously enhances the quality of the roadside environment and landscaping along its managed sections. In terms of management mechanisms, a comprehensive closed-loop system encompassing "inspection-feedback-rectification-assessment" has been established. Dedicated inspection teams conduct daily checks and verification of traffic safety facilities, greenery, and road surface conditions, alongside cleaning operations. Weekly reports are issued to monitor and address unresolved issues, while monthly specialised assessments are implemented with corresponding rewards and penalties, effectively reinforcing maintenance responsibilities. Regarding hardware upgrades, multifunctional landscaping trimmers and motorway sweepers have been introduced to enhance landscaping maintenance efficiency and road cleaning safety, significantly reducing disruption to mainline traffic and potential accident risks. To enhance the roadside environment, the project prioritises upgrading the landscaping quality along the provincial boundary section of the Qinglian Expressway. This includes distinctive modifications to gateway portals and the enhancement of 450 metres of green corridors and elevated landscaping islands along the route. These improvements create a recognisable ecological corridor, bolstering the section's distinctiveness and driving experience. In intelligent infrastructure development, the project actively advances the construction of an intelligent monitoring and early warning system. This aims to progressively achieve automatic identification of road traffic incidents and round-the-clock intelligent surveillance of key structures.



Qinglian Company's Traffic Abnormal Event Analysis System: Significantly reduces the intensity of manual inspections, improves the timeliness of event detection and early warning, and reduces the probability of road traffic accidents.



Qinglong Company's Slope Automatic Monitoring and Early Warning System: Realizing 24-hour real-time monitoring, qualitatively improving the continuity, accuracy and analysis efficiency of data acquisition.

Indicators and Targets

In accordance with the *Technical Specifications for Highway Maintenance (JTG 5110-2023)* and other relevant standards and specifications, and in line with requirements from competent authorities and industry regulations, the Company has established quality targets including "PQI, PCI, RQI, RDI, and the proportion of Class I and Class II bridges and tunnels". In 2025, all these targets had been exceeded.

In 2025, the highway technical condition index (MQI) and pavement performance index (PQI) for the Company's controlled expressway sections were as follows:

Controlled Expressway Sections	Highway Technical Condition Index (MQI)	Pavement Performance Index (PQI)
Meiguan Expressway	92.29	94.00
Jihe East Section	89.74	91.93
Jihe West Section	88.87	93.02
Coastal Expressway	95.28	94.22
Outer Ring Expressway (Western Section)	94.86	95.20
Outer Ring Expressway (Eastern Section)	94.85	95.84
Longda Expressway	93.38	94.16
Shuiguan Expressway	93.78	93.39
Qinglian Expressway	93.37	94.42
Changsha Ring Expressway	94.64	93.23

Strictly Abide by Production Safety

Shenzhen Expressway adopted "Promoting Governance through Mechanisms" as its annual occupational safety theme, binding responsibilities through institutional frameworks and advancing governance through duty fulfilment. During the reporting period, no safety incidents involving attributable liability occurred across the Group.

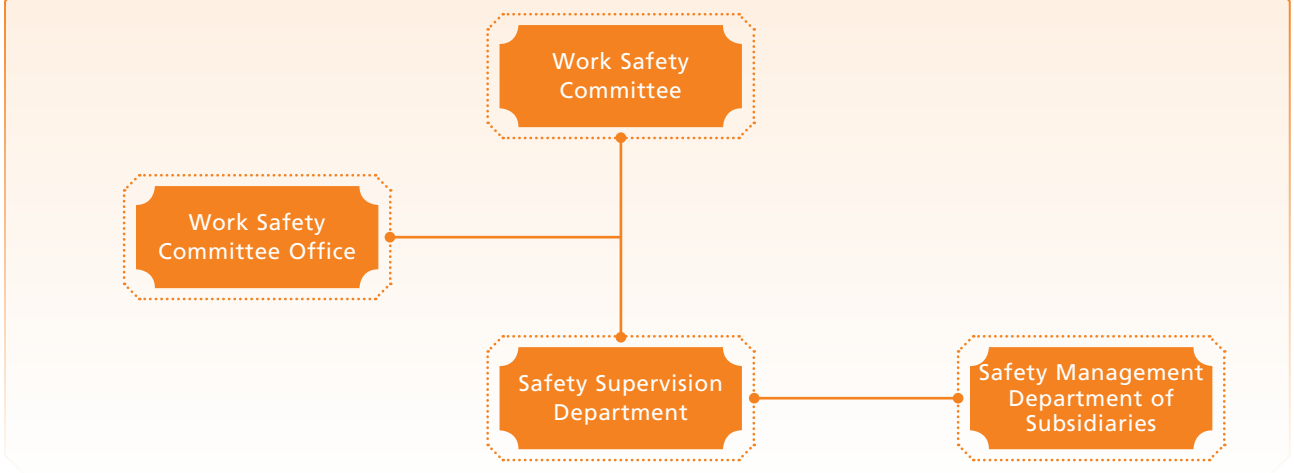
Governance

The Company rigorously implemented the *Shenzhen Expressway Three-Year Action Plan for Fundamental Safety Production Improvement (2024-2026)*, continuously refining its "1+N+5" safety production management framework encompassing all employees and contractors. During the reporting period, a series of documents were revised and updated, including the *Safety Production Interview Management System*, the *Safety Hazard Investigation and Management System*, the *Emergency Management System*, and the *Safety Production Standardisation Management System*, *Safety Meeting Management System*. Specialised training sessions were conducted to ensure effective implementation of these systems.

The Company has established a Work Safety Management Committee, with the Company's Chairman and President serving as its directors. The Committee oversees a Work Safety Office and a Safety Supervision Department. Each subsidiary has set up its own safety management department staffed with full-time and part-time personnel appropriate for safety management duties. The Board of Directors conducts quarterly dedicated sessions to hear reports from management on work safety, thereby fulfilling its highest oversight responsibility. The Work Safety Management Committee convenes regular meetings to assess the situation, assign tasks, and ensure the orderly execution of day-to-day safety management activities. During the reporting period, the Safety Management Committee submitted matters pertaining to production safety for deliberation to the Party Committee on six occasions, to the Board of Directors on four occasions, and to the President's Office Meeting on fifteen occasions.

"1+N+5" Framework for Work Safety Management

- 1 overall work safety procedure
- N supporting work safety management systems
- 5 work safety guidance manuals for major business sectors



Safety Management Organisational Structure

Strategy

In response to various safety risks within production operations, the Company implements the "012345" safety production management strategy. This strategy establishes one management objective and five management measures, alongside formulating an annual safety production work plan to ensure the overall stability of the Group's safety production situation.



Impact, Risk and Opportunity Management

The Company continues to enhance its capabilities in assessing and managing safety risks within key areas. We have researched and formulated the *Assessment Method for the Effectiveness of Major Safety Risk Control*, developing technical measures for major safety risk control categorised by type and specialisation.

Full-Chain Accountability for Work Safety

The Company has established the *Safety Production Standardisation Management System*, which clarifies a hierarchical responsibility framework extending from group executives to subsidiary units. Over 6,000 safety production responsibility agreements have been signed by all personnel, implementing a safety production risk deposit incentive and penalty mechanism. During the reporting period, the Company further refined its safety production standardisation assessment framework. By enhancing scoring criteria and improving evaluation mechanisms, this initiative effectively guided and accelerated improvements in safety management standards. Concurrently, the Company proactively engaged third-party specialist agencies to implement a routine safety inspection model comprising annual comprehensive inspections, biannual high-risk project audits, and quarterly random spot checks. This approach significantly bolstered the independence and professionalism of safety oversight.

Clarifies a hierarchical responsibility framework

Over **6,000** safety production responsibility agreements have been signed by all personnel

Improve the Dual Prevention Mechanism of Safety Risks

All subsidiaries continue to advance the implementation of the dual prevention mechanism. Operation Development Company initiated a trial run of the pocket guide outcome document for dual prevention implementation across all departments and units. Construction Company continues to refine its *Grid-based Management Work Plan*. Environmental Company compiled the *Dual Prevention & Grid-based Risk Control Responsibility Fulfillment Manual*. New Energy Company has established a mechanism for *Daily On-site Operational Risk Control Reports* at its wind farms. Building on the achievements of the dual prevention mechanism within the operations sector, the Company is actively applying to develop the Shenzhen Local Standard *Specification for Dual Prevention Mechanism Construction in Expressway Operations*. Currently, the development of this local standard has passed the project approval and public notice stage with the Shenzhen Administration for Market Regulation and has completed the initial draft.

In accordance with the *2025 Hidden Hazard Investigation and Management Year Action Plan*, the Company has thoroughly implemented hidden hazard investigations and management

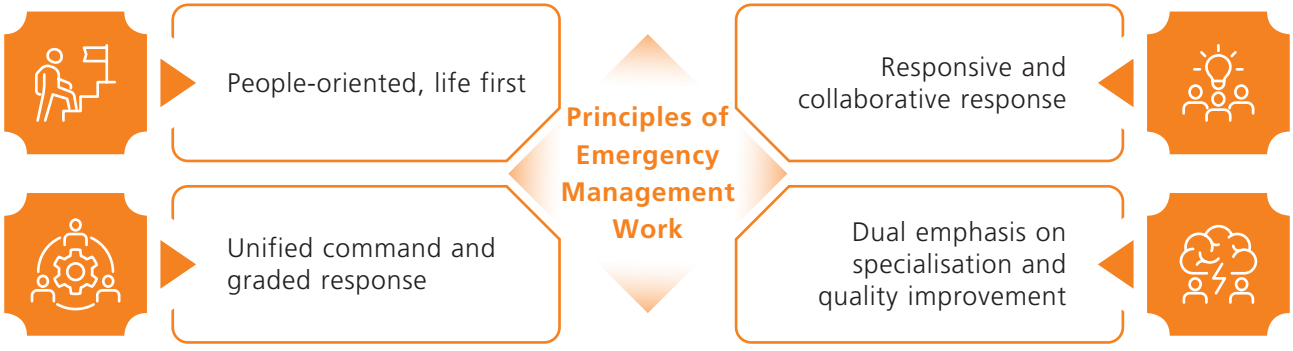
- Throughout the year, subsidiaries collectively conducted **4,184** safety inspections
- identified and addressed **8,324** potential hazards
- and completed rectification measures for all **8,324** items
- achieving a **100**% rectification rate

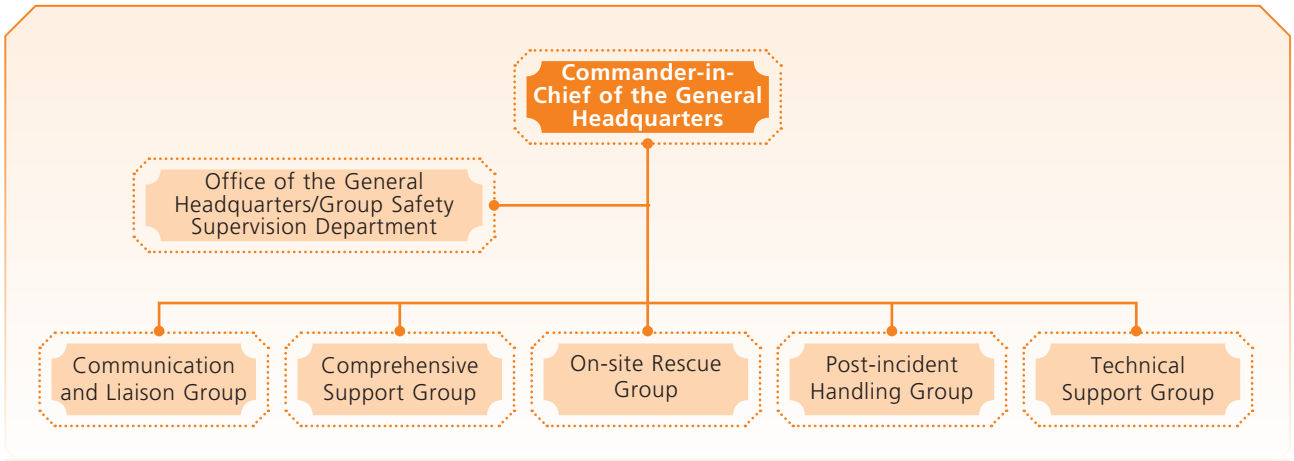
The Group's expressway operating units are advancing the *Comprehensive Geological Hazard Prevention and Mitigation Capability Enhancement Initiative (2024-2026)* for their respective sections. Based on risk assessment findings from the retrospective review of expressway disaster prevention and resilience design, we are prioritising risk mitigation measures according to urgency. Adopting a combined strategy of human safeguards, technological defences and engineering controls, we have established an initial, efficient geological hazard risk monitoring and early warning system.

Emergency Response and Handling

The Company has formulated the *Shenzhen Expressway Comprehensive Emergency Response Plan*, along with specialised contingency plans for production safety incidents, traffic accidents, natural disasters, and public health emergencies. These cover operational maintenance of expressways, engineering construction, organic waste treatment, clean energy generation, elderly care and childcare services, property management, and other business domains, providing guidance for emergency response to various unforeseen events.

The Company has established an emergency organisational command system comprising the chief commander of the Emergency Headquarters, the Headquarters Office, and various functional groups. Based on the type of emergency, on-site emergency rescue teams are formed to carry out rescue operations. Through specialised inspections of emergency supplies, implementing leadership on-duty and 24-hour duty systems, and conducting various drills – including emergency evacuation, road traffic accident response, and slope collapse scenarios – the Company continuously enhances its monitoring, early-warning, and emergency response capabilities.





Emergency Command Organisation

In response to the increasing frequency of extreme weather events in recent years, the Company has developed the *Standardised Guidelines for Typhoon and Heavy Rainfall Alerts and Response Procedures*. This establishes a mechanism for monthly and dynamic flood season tracking reports, systematically regulating the issuance of typhoon and heavy rainfall warnings, implementation of response measures, and the lifting of alerts across the group. By the end of the flood season, 2025 had witnessed 5,159 personnel deployments, identified 2,223 potential hazards, issued 1,185 warning notifications, convened 45 flood season-specific meetings, and conducted 61 flood emergency drills.

By the end of the flood season

2025 had witnessed **5,159** personnel deployments

identified **2,223** potential hazards

issued **1,185** warning notifications

conducted **61** flood emergency drills



Fire Emergency Evacuation Drill



Comprehensive Emergency Drill for Work Safety Accidents

Safety Capability and Culture Building

In 2025, the Group significantly strengthened its safety training and thematic activities, achieving notable results. Regarding safety training, the Company adopted a blended online and offline approach, organising a total of 1,746 training sessions throughout the year. These sessions covered over 58,900 participants and encompassed diverse formats including leadership safety lectures, specialised training, external expert-led courses, and pre-examination coaching for registered safety engineers. Training content focused on professional skills, new technologies, and safety management competencies, effectively enhancing employees' safety capabilities and awareness.

Regarding safety training

organised a total of **1,746** training sessions throughout the year

Regarding safety-themed initiatives, the focus was on two major campaigns: "Workplace Safety Month" and "Fire Safety Awareness Month". During Workplace Safety Month, under the theme "Safety for All, Preparedness for Every Individual", subsidiaries conducted extensive publicity, inspections and drills. The expressway operations and construction sector organised 352 specialised inspections, rectified 816 hazards, and conducted 55 emergency drills. In the food waste treatment and wind power sectors, 167 public safety lectures were held, attracting over 6,000 participants. Fire Safety Awareness Month, themed "Fire Safety for All, Life Above All", saw subsidiaries innovatively launching distinctive activities such as "Party Building + Fire Safety Month" and "Spot and Report Fire Hazards".

Regarding safety-themed initiatives

rectified **816** hazards

conducted **55** emergency drills

167 public safety lectures were held

attracting over **6,000** participants



Special Training on Safety Education



Safety Production Month Theme Training



Fire Safety Project Training



Work Safety Month



Fire Safety Response Drill



Fire Safety Response Drill



The Company actively participated in various activities organised by the Municipal State-owned Assets Supervision and Administration Commission and the Municipal Safety Production Committee Office. In the 2025 Safety Management Skills Competition hosted by the Shenzhen Municipal State-owned Assets Supervision and Administration Commission, the Company ranked among the top ten out of 28 municipal state-owned enterprises in the online quiz competition, receiving the "Outstanding Organisation Award" and achieving third place in the individual competition. Concurrently, in the Safety Science Popularisation Short Video Creation Competition organised by the Shenzhen Municipal Safety Production Committee Office, the Company submitted nine entries for evaluation, receiving the "Outstanding Organisation Award" and contributing to advancing the city-wide safety and emergency response culture.



Indicators and Targets

The Company has achieved the goal of zero casualties in 2025, and continuously monitors the effectiveness of work safety management through indicators such as the number of safety inspections, the rectification rate of hidden dangers, the number of safety trainings, the number of emergency drills, and the amount of investment in work safety.

Indicators	Unit	2025
Conduct Various Emergency Drills	times	658
Number of Regular and Irregular Safety Inspections	times	4,184
Number of Potential Hazards Identified	item	8,324
Hidden Hazard Rectification Rate	%	100
Number of Safety Training Sessions	times	1,746
Number of Safety Training Sessions Attended	visits	64,682
Safety Training Time	hour	1,746
Amount Invested in Work Safety	million	48.37

Deepen Service Quality

Shenzhen Expressway, leveraging its "36710" premium service brand system, continually enriches its service offerings and innovates service models, striving to create a more comfortable and convenient travel experience for motorists and passengers.

Governance

The Company consistently upholds the core philosophy of "customer focus", adhering to the principles of service supremacy and customer priority. With the purpose of "enhancing social transportation efficiency", we have fully implemented the "36710" civilised service system, which includes the "Three Requirements before Duty, Six Steps for Toll Service, Seven Uniform Standards for Appearance and Attire, and Ten Musts for Courteous Service". A customer service center has been established to oversee the entire process of road operation services. Focusing on key areas such as complaint handling, satisfaction improvement, emergency response, and information services, the Company has built a standardised institutional framework to continuously elevate service quality and efficiency.

Strategy

Risk/Opportunity Type	Risk/Opportunity Description	Time Horizons	Coping Strategies
Risks	The standardization of service processes and the insufficient carrying capacity of service facilities may lead to customer complaints.	Short term	• Round-the-Clock Monitoring: conduct 24-hour tracking and analysis of customer service data and online public sentiment to enable real-time risk warnings. • Standardised emergency response: establish detailed procedures for handling customer complaints, create a dedicated public opinion monitoring team and cross-departmental coordination mechanism to ensure prompt verification and authoritative responses to negative information. • Closed-loop management: Risk assessment is based on monthly data, and resources and strategies are dynamically adjusted to promote continuous service optimization and turn risks into opportunities for improvement.
	If the information is not released in a timely manner or is inaccurate, or if the emergency response is delayed or handled improperly, it may lead to secondary accidents, prolonged traffic interruption, and personal and property losses of drivers and passengers.	Short term	
	The rapid spread of online public opinion may have a negative impact on the Company's reputation.	Short term	
Opportunities	Through full-dimensional dynamic perception of customer service, we tap potential customers' needs and optimise services to improve customer satisfaction.	Short term	

Impact, Risk and Opportunity Management

Based on daily consultation and complaints, combined with public opinion monitoring, the Company comprehensively identifies potential risks in the field of customer service, and optimises the service process through various measures.

Improve Service Quality

The Company aims to set industry benchmarks by enhancing the travel experience for passengers and drivers through multi-dimensional service improvement initiatives. During the reporting period, the Company actively conducted operational skills training for customer service personnel, covering all operational scenarios including complaint handling, toll policies, communication techniques, and emergency response procedures. This sustained effort has elevated service quality standards and enhanced the image of frontline service delivery.

Case **Operation Development Company's 2025 Premium Service Centralised Training and Roadshow Demonstration Programme**

Operation Development Company successfully organised a 16-day centralised training and roadshow demonstration programme for premium toll services from 28 July to 13 August 2025. This initiative innovatively employed a progressive training model combining "centralised refinement with demonstration-led guidance", yielding significant outcomes. In the first phase, Operation Development Company selected 39 operational specialists from 14 administrative stations for a five-day closed-door training camp, systematically honing their professional image and service skills. In the second phase, a "Service Demonstration Team" comprising six outstanding employees and internal trainers conducted roadshow demonstrations across all stations. Employing a "theory + demonstration + interaction" approach, we precisely conveyed the "36710" standardised service system to over 1,800 frontline staff across the entire network, achieving comprehensive coverage of service standards. This training initiative not only strengthened employees' service awareness and professional competence but also deepened Shenzhen Expressway's image as a civilised urban gateway.







Qinglian Company Spring Festival Love Station: providing warm services such as hot drinks and route consultation for passing and returning drivers and passengers





Qinglian Company Summer Travel Service Point: publicity of scenic spots and tourism guidance



Qinglian Expressway Customer Service Center Full-Service Chain Practical Training

Protect the Rights and Interests of Customers

The Company has formulated documents including the *Customer Complaint Handling Procedure, Customer Satisfaction Survey and Evaluation Control Procedure, Criteria for Determining the Type and Nature of Customer Complaints, Yue Tong Card Complaint Handling Measures, Petition and Complaint Disposal Management Measures, and Standardised Response Templates for Petitions and Complaints*. It has established a closed-loop management mechanism encompassing "policy formulation – training and dissemination – implementation and execution – supervision and assessment" to ensure service operations are conducted in accordance with established protocols, governed by clear regulations, and supported by verifiable documentation.

During the reporting period, the Company further standardised the management of public correspondence, clarifying the classification criteria, handling procedures and timeframe requirements for both significant and routine correspondence. Monthly summaries of public complaints were compiled to analyse key concerns and identify shortcomings in resolution, thereby enhancing service delivery and optimising management practices to tangibly improve public satisfaction.

• Handling Customer Complaints

The Company has established a standardised, closed-loop complaint handling system based on the principle of "end-to-end tracking with designated personnel accountability". The Customer Service Centre, as the responsible department, centrally manages all complaints received via the official website, social media, petition platforms, toll stations, and the 24-hour service hotline, ensuring every request is assigned to a dedicated individual. Complaints are categorised for processing, with strict adherence to the "first-contact responsibility system". This designates the initial handler as the dedicated responsible party, who oversees the entire eight-step process: reception, recording, case creation, investigation, resolution, follow-up, analysis, and archiving. Progress is tracked in real-time via the work order system. For complex matters requiring cross-departmental coordination, the responsible party maintains continuous liaison, monitors progress, and ensures resolution quality until the complaint is fully concluded.

In 2025

the Company achieved a **100%** resolution rate for all received enquiries and complaints

• Customer Satisfaction Survey

The Company has established a standardised research model comprising three pillars: questionnaires, on-site interviews and hotline feedback. This framework is employed annually to conduct satisfaction surveys across the Company's managed road sections. The research targets encompass core groups including motorists, government transport authorities, and enterprises along the routes. Implementation channels comprise: conducting on-site surveys in high-traffic areas such as toll plaza forecourts and service areas; targeted telephone follow-ups by dedicated customer service personnel for clients with complaint/enquiry records; and extensive collection of public feedback via online platforms. Survey content covers roadside environment, equipment and facilities, information guidance, staff uniformity, civilised service, and emergency traffic management.

Questionnaires
+
On-Site Interviews
+
Hotline Feedback

Standardised Research Model Comprising Three Pillars

Smooth Traffic Environment

The Company continuously revises and rigorously implements the *"One Route, One Strategy" Work Plan for Ensuring Safety and Smooth Traffic Flow*. Employing an "AI-assisted manual" monitoring model for road anomalies, combined with the "Five Speeds and Six Coordinations" operational mechanism, it advances multi-pronged measures to refine congestion management. This approach precisely addresses bottlenecks in traffic capacity while persistently advancing intelligent traffic management initiatives such as gantry system optimisation and quasi-free-flow pilot schemes to enhance passage efficiency. In 2025, despite an increase in traffic flow compared to the previous year, a dual reduction in both road congestion duration and frequency was achieved.

In terms of emergency response timeliness, the *Emergency Response Plan for Contingencies* was formulated, deepening the "road-police-enterprise" coordination mechanism. Twenty-seven emergency rescue stations were established along the managed motorway network, staffed by 180 rescue personnel and equipped with over 130 rescue vehicles. Clear response protocols were defined for different road sections and specific scenarios, enabling efficient handling of sudden incidents such as traffic accidents and vehicle breakdowns to safeguard road traffic order and passenger safety. During the reporting period, 53,258 instances of roadside assistance were provided.

In terms of emergency response timeliness

- **27** emergency rescue stations were established along the managed motorway network
- staffed by **180** rescue personnel
- equipped with over **130** rescue vehicles
- **53,258** instances of roadside assistance were provided

Road Congestion Mitigation Mechanism

System Standardization

Refine and implement the *"One Route, One Strategy" Work Plan for Ensuring Safety and Smooth Traffic Flow*, clearly defining departmental responsibilities, procedures, and timeframes. Comprehensive staff training and assessments have been organised to ensure the plan is executed without deviation.

Intelligent Monitoring and Early Warning

Establish a dual video monitoring system combining artificial intelligence and human oversight alongside an integrated emergency management platform. Enhance road network surveillance and real-time positioning of rescue vehicles to achieve AI alerts for abnormal incidents within 10 seconds, followed by human verification within one minute, thereby improving emergency response efficiency.

Regularised Joint logistics Coordination

We deepened the "Multi-Party Approach Along the Route" collaboration mechanism, established a wrong-time inspection system with the highway administration, rescue units and traffic police departments, and strictly implemented the "Five-speed Mechanism" for special cases such as traffic accidents and faulty vehicles to improve the efficiency of special cases.

Precise On-Site Control

Strengthen the coordinated duty of road police and front-mounted defense at easy-to-block points, strictly control illegal driving and parking behaviors, and reduce the occurrence of secondary accidents.

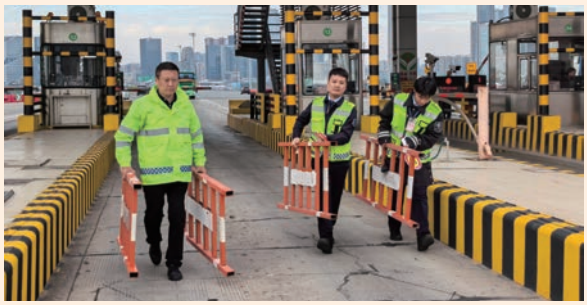
Information Guidance Diversification

Integrate channels such as road information boards, traffic broadcasts, and official Weibo to broadcast road conditions and detour guidance in real time to guide vehicles to choose lanes in advance.

Case Shenzhen Expressway Took Multiple Measures to Ensure Efficient Transport Operations for the 15th National Games

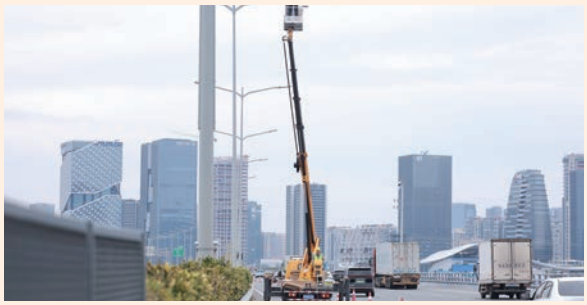
During the 15th National Games, traffic volumes surged across the regional road network. To ensure road safety and unimpeded flow, Shenzhen Expressway implemented a "one road, one strategy; one station, one strategy" mechanism. We established comprehensive coverage standards for key sections and zero-blind-spot safeguards for critical junctures. By dynamically analysing traffic conditions against the event schedule, the Company enhanced lane efficiency on relevant sections through optimised staff deployment and additional lane openings. This achieved zero vehicle congestion throughout the Games period.





In terms of operations and maintenance, the Company has intensified equipment inspections, deployed engineers to resolve faults on-site, and provided mobile generators to ensure stable power supply. Concurrently, it has organised practical drills and operational competitions to comprehensively enhance frontline personnel's emergency response capabilities.





In optimising the roadside environment, the Company launched a dedicated enhancement initiative in July, deploying nearly 49,300 personnel for frontline maintenance. This involved renewing 25 traffic guidance signs, refurbishing approximately 2,500 square metres of road markings, replacing 500 metres of barrier fencing, and completing landscaping improvements covering 6,500 square metres along key race routes and ramp areas.

In terms of collaborative handling, the Company has deepened its multi-party joint operations mechanism, implemented a "Five-speed" Mechanism for abnormal parking incidents, and reduced the average rescue arrival time to 13.6 minutes, achieving a 7.2% efficiency improvement.





In terms of warm-hearted service, the Company has integrated "service warmth" throughout the entire journey, conveying urban care through thoughtful details. Each toll booth has been equipped with Shenzhen road network maps, emergency medicines and drinking water. Service areas has featured "National Games Convenience Service Enquiry Points" offering concierge-style services including event information, emergency supplies and mobile ETC processing.





Protect Customer Privacy

The Company places paramount importance on safeguarding customer privacy. At the management level, we have established a comprehensive suite of regulatory frameworks including the *Information System Information Security Management Measures, Information System Data Security Management Measures, Network Security Emergency Management Measures for Online Toll Collection Systems, and Network Security Management Regulations for Surveillance and Toll Collection Systems*. Core data pertaining to customer privacy – such as original transaction records, surveillance footage, and vehicle information – is stored exclusively on the internal network. Strict access permissions govern the retrieval and consultation of such data, permitting access solely to authorised personnel. All personnel with access to sensitive information undergo background checks and sign confidentiality agreements. Technologically, the Company's toll collection system and the "Shenzhen e-Transportation" platform have achieved Level 2 and Level 3 cybersecurity classification protection, respectively. Customer data is encrypted during storage and managed through tiered classification systems, with critical data strictly confined to internal system circulation. During the reporting period, the Company experienced no incidents involving the leakage, loss, or infringement of customer privacy data.

Indicators and Targets

The Company always adheres to the goal of "professional answers, efficient responses, and warm-hearted services", and strives from the two dimensions of basic service optimization and service quality control to achieve a number of core service goals in customer complaint handling, emergency rescue, and information reporting.

Indicators	Unit	2025
Customer Complaint Handling Rate	%	100
Customer Satisfaction Index [1]	point	88.8

[1] Comprehensive Customer Satisfaction Score for the Jurisdictional Road Sections: Meiguan Expressway, Jihe Expressway (Western Section), Jihe Expressway (Eastern Section), Coastal Expressway, Shenzhen Outer Ring Expressway, Longda Expressway, etc.



03 Environmental Responsibility: Conserving Ecology to Foster Development

The Company deeply integrates the concept of low-carbon development into corporate strategies and operational practices. We continuously enhance the environmental management system, foster ecological practices through technological innovation, steadily improve the quality and efficiency of environmental protection business operations, and comprehensively promote the green and low-carbon transformation of the Company.

Aligning with the United Nations Sustainable Development Goals (SDGs)



The Sustainable Development Issues of the Shanghai Stock Exchange Addressed in this Chapter

- Environmental Compliance Management
- Addressing Climate Change
- Energy Utilisation
- Water Resource Utilisation
- Pollutant Emissions
- Waste Disposal
- Circular Economy
- Ecosystem and Biodiversity Conservation

The ESG Contents of the Stock Exchange of Hong Kong Addressed in this Chapter

- A3 The Environment and Natural Resources
- Part D Climate-related Disclosures
- A2 Use of Resources
- A1 Emissions

Enhancing Environmental Management

The Company actively responds to the national "Dual Carbon" goal and the construction requirements of "Waste-Free City", and puts resource conservation, efficient use of energy and ecological environmental protection in an important position in its development. By continuously promoting the construction of ecological civilisation system, we will continuously improve the standardisation of environmental management.

Environmental Management System

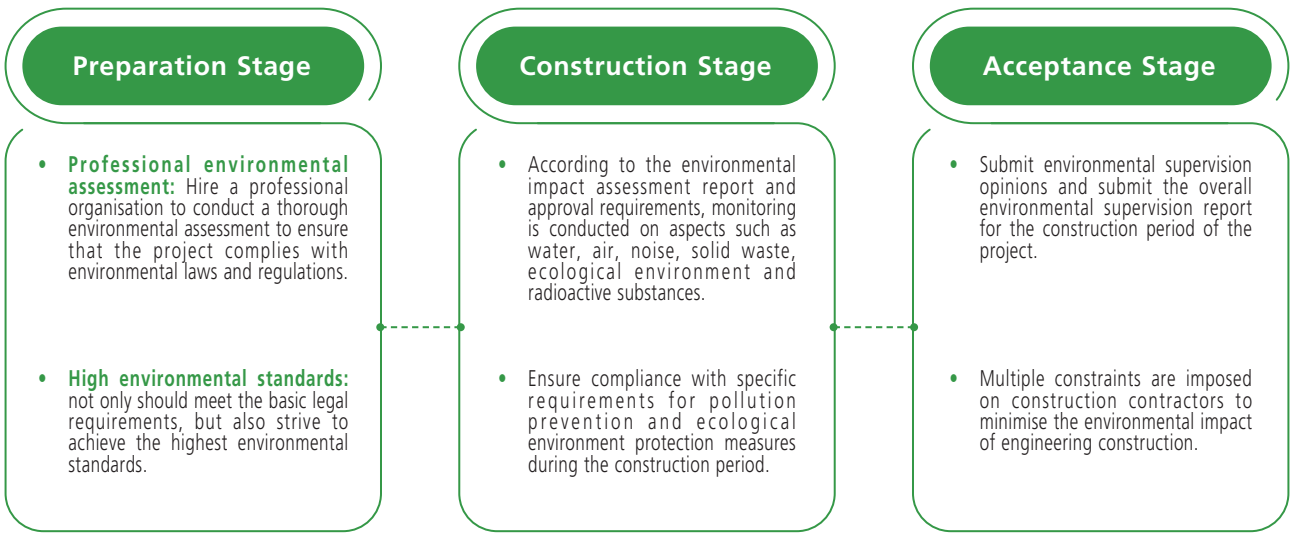
The Company has established an environmental management system and environmental protection mechanisms covering its various business segments, including project construction, road operations, and environmental protection industries. We strictly comply with national and local laws and regulations, such as the *Environmental Protection Law of the People's Republic of China* and the *Regulations on Ecological and Environmental Protection in the Shenzhen Special Economic Zone*. Furthermore, we have formulated internal policies including the *Ecological Environment Protection Management Measures* and the *Measures for the Assessment and Evaluation of Ecological Civilisation Construction*, implementing all environmental protection requirements to a high standard. During the reporting period, the Company recorded no incidents of penalties for violating environmental laws or regulations, nor did it receive any major administrative penalties from the ecological and environmental authorities or other relevant departments due to environmental incidents. No relevant fines were incurred.

Organisational Guarantee and Responsibility Implementation

The Company has formed an ecological civilisation construction leading group headed by the President, and designated the Chief Engineer's Office as the department responsible for implementing the various work requirements of the leading group. All relevant departments and units earnestly fulfil their primary responsibilities for promoting ecological civilisation, carrying out specific work in accordance with the *Measures for the Assessment and Evaluation of Ecological Civilisation Construction*. These Measures explicitly require all departments and units to implement measures for the prevention and control of environmental pollution, strengthen the management of carbon emissions, and actively conduct regular awareness campaigns on ecological civilisation. Furthermore, during the tendering process for proposed projects, the Company mandates the incorporation of management requirements related to ecological and environmental protection, as well as safe and civilised construction practices, as mandatory clauses in contracts. This institutional approach ensures that the principles of ecological and environmental protection are embedded throughout the entire project lifecycle, thereby establishing a long-term management mechanism characterised by clearly defined responsibilities and robust execution.

Full Lifecycle Environmental Management

For construction projects that may affect the environment, the Company implements dynamic monitoring of the whole process from planning, design, construction to operation, and continuously supervises the construction and operation of environmental protection facilities to ensure that all links meet the environmental protection requirements.



Shenzhen Expressway Environmental Supervision System

Environmental Risk Prevention and Control

To systematically enhance its ability to address environmental risks, the Company has formulated the *Shenzhen Expressway Group Emergency Response Plan for Unexpected Incidents*. Adhering to the principle of "Prevention first, with the integration of prevention and emergency response", we proactively conduct the identification of environmental impact factors, screening of risk points and remediation of potential hazards, so as to prevent potential unexpected environmental incidents at the source.



The Environmental Company Conducted Drills on the disposal of Anaerobic Tank Slurry Leakage

Environmental Awareness Promotion

The Company systematically promotes the dissemination and practice of the concept of ecological civilisation through a combination of regular training and full-scope publicity. We organised our subsidiaries to conduct publicity and training on themes based on actual business practices to deepen employees' recognition and practice of the concept of the green development concept. During the reporting period, the environmental protection training covered a total of 873 participants. By making use of offline media including information panels and electronic screens along expressways, the Company rolled out continuous broadcasts of ecological civilisation slogans and popular science knowledge, conveying the idea of green travel to the general driving public. Relying on new media platforms such as WeChat Official Accounts, we issued public welfare information on environmental protection, steadily strengthening the social influence of our green brand. Meanwhile, with popular science education bases as a platform, the Company has held public open days to promote the universal popularisation of environmental protection knowledge, effectively building a green communication bridge between the Company and the general public.



Green Promotion Posters



The Environmental Company Invited External Experts to Conduct Special Training on the Interpretation of Environmental Protection Industry

Case Waste Sorting Science Education Base Builds "Industry-Academia-Research" Green Education Bridge

In 2025, the Longhua District Science and Education Base for Domestic Waste Sorting, operated by Lisai Environmental, adopted the concept of "Visiting + Experiencing + Sharing" to create five themed zones, namely the Waste Sorting History Exhibition Zone, Resource Regeneration Technology Simulation Zone, Environmental Protection Technology Interactive Experience Zone, Ecological Cycle Achievements Exhibition Zone and Public Co-creation Practice Zone. Through scene restoration, multimedia interaction, hands-on experience and other forms, the base carried out immersive environmental protection popular science education. A total of 6 themed open events were held throughout the year, receiving more than 300 visitors cumulatively. Among them, teachers and students majoring in Environmental Engineering from Shenzhen University visited the base. By learning about food waste treatment technologies, they achieved the in-depth integration of classroom theory and industrial practice. These activities have effectively raised the public's awareness of the resource utilisation of biomass waste and strengthened their environmental protection consciousness.







Promoting Green Operations

Shenzhen Expressway has deeply integrated the clean and low-carbon concept into its development practices, actively promoted green production and low-carbon office operations, and implemented the requirements of ecological civilisation throughout every link including project construction, operation, management and maintenance, leading the Company towards a new stage of greater environmental protection and higher efficiency.

Ecological Route Selection

The Company integrates the concept of ecological protection throughout the entire process, from project planning to design and implementation. Through scientific investigation, scheme optimisation and specialised design, we strive to achieve the harmonious coexistence of road construction and the natural ecosystem, minimise the impact on the natural environment to the greatest extent, and promote the coordinated development of engineering construction and environmental protection.

Project Planning Stage

Comprehensive surveys of the topography, soil, vegetation, animal habitats and water distribution within the project area are conducted, and ecologically sensitive areas are identified. Priority is given to alignment schemes that impose minimal disturbance on natural landforms. The scale of large-scale mountain excavation and river course reconstruction is strictly controlled, so as to maintain the authenticity and stability of the regional ecosystem.

Project Design Stage

Scientific planning and construction of wildlife crossing structures are carried out in accordance with the living habits, migration routes and activity patterns of local wild animals, so as to reduce the habitat fragmentation caused by roads. Native plant species are prioritised to build multi-layered and complex vegetation communities, creating a suitable environment for foraging, inhabitation and migration of wild animals and promoting the harmonious coexistence between humans and nature.

Road Greening Design Measures

Synergy of Environmental and Cultural Contexts	Extensive surveys are conducted on the meteorological conditions, biodiversity, urban and rural planning, cultural resources, historical relics and community distribution along the route. Ecological and cultural factors are systematically integrated into the design framework, ensuring that the road form is in harmony with regional characteristics.

Intensive Land Use	Routes are scientifically determined in line with local land use plans to minimise the occupation of high-quality farmland, cultivated land and economic forest land. Flexible engineering measures including retaining walls, slope protection and viaducts are adopted to conserve land. Earth and stone materials from project excavation sections are prioritised for reuse to achieve the internal recycling of earthwork resources.
Protection of Natural Water Systems and Hydrological Safety	Bridge designs are aligned with natural water flow directions to avoid narrowing the river cross-section and ensure unobstructed water flow. Drainage systems are subject to special planning to ensure that rainwater from road surfaces and side ditches is discharged in an orderly manner to designated areas. Direct discharge into water bodies or soil on both sides of the road is strictly prohibited to safeguard water quality safety in the watershed.

Case **"Ecological Priority" Design of Jihe Expressway Reconstruction and Expansion Project**

In the reconstruction and expansion project of Jihe Expressway, the Company innovatively adopted the "three-dimensional compound expansion" model, which significantly reduced the newly added land occupation compared with the traditional model. The project minimises the impact on the existing traffic and the surrounding ecological environment through advanced techniques such as flexible cross-section design, prefabricated segmental beam assembly construction, and bent arch bridge structure construction.



Jihe Expressway Reconstruction and Expansion Project

Civilized Construction

The Company strictly implements standardised and normalised construction management during the project construction process and fully promotes civilised construction and green building. Through systematic environmental control measures, the Company minimises the impact of construction on the surrounding ecology and communities to the greatest extent. During the reporting period, Contract Sections 4 and 7 of the Outer Ring Expressway Phase III project were recognised as Outstanding Projects for Construction Noise Prevention by the Shenzhen Municipal Ecology and Environment Bureau in 2025. Contract Section 7 additionally received the honour of being named one of Shenzhen's Ten Exemplary Construction Sites for Civilised Construction in 2025. Contract Sections 5 and 6 of the Jihua Expressway Reconstruction and Expansion Project were respectively selected as the "Ten Outstanding Construction Sites" for dust pollution prevention and control by the Bao'an Administration of the Shenzhen Municipal Ecology and Environment Bureau for the second, third, and fourth quarters of 2025.

Dust Control

Fully implement the "Three Concentrations" closed construction mode, strictly implement the "Seven 100%" dust prevention and control standards, set up project dust prevention funds, and motivate construction units to actively adopt dust suppression techniques and technologies to achieve systematic management of construction dust.

Noise Control

Strictly implemented the *Technical Code for Prevention and Control of Construction Noise Pollution* and the "Eight Musts" noise reduction management requirements. Noise reduction measures were adopted including the optimisation of construction hours, selection of low-noise equipment and installation of acoustic barriers. Construction information was publicly disclosed, supervision was proactively accepted, and timely responses were made to surrounding concerns.

The Seven 100% Measures for Dust Pollution Prevention

1. Construction fencing and external scaffolding are 100% fully enclosed
2. Entrances and exits, as well as the roadways are 100% hardened
3. 100% of the entrances and exits are equipped with flushing facilities
4. 100% wet construction method is used for dust-prone surfaces
5. 100% coverage of exposed soil and easily dusty materials
6. Install TSP online monitoring equipment at 100% of the entrances and exits
7. All construction sites must fully implement the requirements

Eight Requirements for Noise Pollution Prevention and Control

1. It is necessary to do a good job in handling public visits
2. It is essential to communicate effectively with the affected communities
3. Public notices must be made properly
4. Continuous construction in compliance with legal requirements
5. The sound insulation and noise reduction measures must be implemented effectively
6. The construction schedule must be scientifically planned
7. It is necessary to strengthen the publicity and education on civilised construction
8. Online monitoring networking must be done well

Case Noise Reduction-Oriented Pavement Renovation Project

In recent years, to address traffic noise issues on certain road sections caused by sustained growth in traffic volume and changes in pavement performance, the Company has proactively responded to public concerns and systematically implemented noise reduction-oriented preventive maintenance. This has involved conducting in-depth research into domestic and international noise reduction maintenance technologies and formulating scientific plans tailored to the characteristics of specific road sections. To date, the Company has successfully completed a dedicated noise reduction renovation on a section of the Outer Ring Expressway, effectively mitigating the noise impact in that area. Meanwhile, to rapidly respond to societal noise reduction demands and enhance pavement service quality, the Company has completed comparative selection studies on multiple preventive maintenance schemes. In subsequent phases, drawing on research outcomes from scientific institutions, the Company will construct test sections in a timely manner, further optimise the technical schemes, and strive to create a quieter and more comfortable road travel environment.

Pollution Prevention

The Company strictly complies with national and Shenzhen's ecological and environmental protection laws and regulations, and has established a comprehensive pollution prevention and control system covering air, water and solid waste. It has integrated such prevention and control measures throughout the entire process of project construction, expressway operation and the environmental protection industry.

Construction Period: Collaborative Treatment of Multiple Pollutants

During the project construction phase, the Company implements systematic and coordinated control over construction dust, wastewater and solid waste. By deeply integrating intelligent construction technologies, it has established an intelligent project command platform centred on the BIM Collaborative Data Centre Sandtable and UAV inspection. The Company has also built intensive and automated "Three Concentrations" facilities including intelligent mixing stations and reinforced steel intelligent manufacturing centres, so as to achieve visualised and refined management and control of the construction process, and enhance the efficiency of pollution prevention and control and the level of green construction from the source.

Air Pollution Prevention and Control

Vigorously promote clean energy machinery, accelerate the clean replacement of non-road mobile machinery, establish an emergency response mechanism for polluted weather, and build a long-term dust management and control system.

Water Pollution Prevention and Control

The construction mud water is preferentially recycled after being treated in a tertiary sedimentation tank, and the full coverage of bare soil is adopted to reduce the generation of sewage at the source; mobile sanitation facilities and a wastewater collection and treatment system are equipped on site, and the construction wastewater that cannot be recycled is collected by closed sewage suction trucks and transferred to municipal sewage treatment plant to prevent direct discharge of wastewater.

Solid Waste Management

Set up a temporary storage area for construction waste and solid waste in the construction area, seal it with a safety net and implement regional isolation, and contact the environmental protection agency for outbound disposal on a regular basis.

Adhering to the principles of minimisation and resource recovery, waste road materials and demolition rubble are converted into sub-base fill or building material feedstock through techniques such as recycled aggregate production, on-site sorting, and crushing and screening, thereby achieving resource circularity.

Transportation Operation Period: Clean Treatment of Mobile Source Pollution

In the road operation stage, the Company actively promotes the clean transformation of the operation fleet. By significantly increasing the proportion of new energy vehicles in the operation vehicles, and basically phasing out high-polluting vehicles with National III emission standards and below, the fleet has achieved a green upgrade in structure. At the same time, the Company actively implements the policy of restricting the use of diesel trucks, and explores the application of low-carbon operation methods such as drone inspections to reduce the dispatch frequency and fuel consumption of traditional road administration vehicles, thereby effectively reducing pollutant emissions during operation.

Environmental Protection Operation Projects: High-Standard Self-Emission Control

For environmental protection projects, the Company strictly implements high-standard self-emission control. For the waste residue, waste gas, and wastewater generated by the organic waste treatment business, we implement the standardised treatment of the whole process. Wastewater is discharged directly after the in-plant treatment meets the standards, or transferred to nearby water treatment plants for further treatment, achieving the safe and resource-based management and control of wastes. For battery storage, Shenshan Qiantai has promoted the standardised, safe and intelligent construction of battery storage centers with high standards, strictly eliminated secondary environmental pollution such as electrolyte leakage, heavy metal pollution and fire, and included them in the Shenzhen-Shantou Special Cooperation Zone. It has been recognised as an early-built demonstration case of standardised battery storage in the Shenshan Special Cooperation Zone. For health care projects, the Company has signed agreements with third-party professional institutions to conduct professional and centralised treatment of medical waste to ensure compliance and controllable disposal.

In 2025, the Company discharged 100% of industrial waste gas and wastewater in compliance with regulations. In addition, Qiantai Power Battery Eco-Industrial Park has set a target of ≥95% comprehensive utilisation rate of general industrial solid waste in 2027, taking 2025 as the base year, and Guangming Environmental Park has set a target of 2026 for general industrial solid waste using 2025 as the base year. The target of 100% comprehensive utilisation rate of materials.

2025 Emissions Management Target	
100% compliant discharge of industrial waste gas	Achieved
100% compliant discharge of industrial effluent	Achieved

In 2025

Exhaust gas emissions

Nitrogen oxides
49,481 kg

Sulphur oxides
5,872 kg

Particulate matter
13,440 kg

VOCs
8,764 kg

Effluents

Industrial effluents
1,265,059 tonnes

Total industrial effluents intensity
135.66 t/million revenue

Non-Hazardous Waste

Non-hazardous waste
425,301 tonnes

Non-hazardous waste intensity
45.61 t/million revenue

Hazardous Waste

Hazardous waste
488 tonnes

Hazardous waste intensity
0.0524 t/million revenue

Energy Management

The Company is committed to optimising the energy structure and improving energy efficiency. The Group's Infrastructure and Environmental Protection Company passed the ISO 50001 Energy Management System certification in 2024 and formulated the Energy Management System Manual to maintain the effective operation of the system.

Promoting Clean Energy and Energy-saving Technologies

The Company actively implements clean energy and energy-efficient equipment in its daily operations. A 3.405 MWp photovoltaic-storage-charging integrated project has been completed, with an annual target generation capacity of 3 million kWh. In 2025, the Company's self-consumption of photovoltaic power reached 1,761,085 kWh, while biogas power self-consumption amounted to 29,169,572 kWh. The office building is fully covered with LED energy-saving lamps to effectively optimise the basic energy consumption. In construction projects, we apply green energy such as solar energy in construction road lighting, traffic diversion and other scenarios, and promote the use of construction equipment with low energy consumption to reduce dependence on fossil energy and direct emissions from the source. In environmental protection projects, biogas is used to generate electricity and carry out energy-saving technical transformation. For example, the Environmental Company introduced maglev fans, which achieved a 21.61% energy-saving rate compared to Roots fans, significantly reducing energy consumption.

Unlocking the Potential of Waste-to-Energy

Transform the processing of organic waste into energy production to achieve "turning waste into energy". Through anaerobic fermentation of kitchen waste, the Company purifies the generated biogas and uses it for power generation.

Intensifying Energy-saving Measures in Transportation Operations

In the Expressway operation segment, we have improved system operation efficiency through intelligent means and indirectly reduced energy consumption. Vigorously promote ETC and quasi-free-flow charging technology to effectively reduce wasteful fuel consumption caused by queuing and idling of vehicles. At the same time, actively explore the application of drones for road inspections to replace some traditional road administration vehicles and reduce the fuel consumption of fleet operations.

Digital Transformation Empowers Green Transportation Operations

Promote Electronic Invoices to Reduce Costs and Consumption

The Company has developed a mobile payment electronic invoice service system, and issued a total of more than 3 million electronic invoices throughout the year, greatly reducing the use of paper bills and consumable consumption, and promoting resource conservation in office and operation links from the source.

Popularise the Use of ETC and Improve Traffic Efficiency

Through online and offline multi-channel promotion, a total of 27,408 new ETC sets were issued throughout the year, and the average utilisation rate of ETC in core road sections reached 63.9%.

Taking 2025 as the base year, we set a target of reducing 1% energy consumption per million revenue in 2026. The Company's energy usage in 2025 is as follows:

Resource Type	Unit	2025
Purchased Electricity	kWh	99,931,677
Petrol	Litre	724,836
Diesel	Litre	2,105,826
Natural Gas	m^3	178,177
Liquefied Natural Gas	kg	124,498
Liquefied Petroleum Gas (LPG)	kg	203,989
Self-Consumption of Photovoltaic Electricity	kWh	1,761,085
Biogas	m^3	41,430,058
Comprehensive Energy Consumption	tce	48,467
Total Energy Consumption Intensity	tce/million revenue	5.20

Water Resource Utilisation

The Company integrates water-saving needs into daily operations, and comprehensively promotes water-saving faucets, sensor water valves and other water-saving appliances in office areas. At the same time, regular water-saving publicity is carried out in all major water-consuming sites to raise water-saving awareness of all employees and reduce water consumption from the source of management and behavior.

In project construction, measures including the construction of self-built sewage treatment stations and installation of sedimentation tanks are adopted to realise the treatment and recycling of construction wastewater. In environmental protection projects such as organic waste treatment, end-product biogas slurry is ensured to meet discharge standards after treatment, so as to eliminate direct discharge pollution into water bodies. Part of the low-concentration wastewater is reused after compliant treatment. Meanwhile, the Company actively integrates the sponge city concept into project planning. By building rainwater infiltration, collection and reuse systems, it improves the utilisation efficiency of stormwater resources and enhances the climate adaptability of infrastructure.

Case **Jihe Expressway Reconstruction and Expansion Project Systematically Implemented the "Sponge City" Requirements**

In the design stage of the reconstruction and expansion project of Jihe Expressway, we are committed to the construction of a low-impact development rainwater management system. In the ramp areas of Xiufeng-Banlan Interchange, Shuilang Interchange, Shiyan Interchange and other sections, infiltration ponds are scientifically arranged, and road surface rainwater is effectively collected through subgrade drainage ditches. After being naturally purified and stored in the infiltration ponds, the collected rainwater overflows into the reuse system and is directly applied to routine maintenance operations such as local greening irrigation and road cleaning. This has realised the "natural storage, natural infiltration and natural purification" of rainwater as well as its resource-based recycling, and significantly improved the water resource utilisation efficiency of the road sections.

Case **Lisai Environmental Recycling Process Water**

Lisai Environmental has constructed a low-concentration wastewater treatment and reclaimed water reuse system to collect part of the low-concentration wastewater from the plant. After undergoing sedimentation and biological treatment, the wastewater is reused for vehicle washing and flushing. To date, the cumulative treated water volume of the system has exceeded 28,000 m^3, of which approximately 14,000 m^3 was treated in 2025, accounting for about 25% of the plant's total water consumption.

We have set a target for the water consumption rate per million yuan of revenue in 2026 to remain unchanged from that of 2025. The Company's water usage in 2025 is as follows:

Indicators	Unit	2025
Total Water Withdrawal	tonne	1,857,333
Total Intensity of Water Usage	t/million revenue	199.18

Circular Economy

In the field of organic waste treatment, the Company has established a complete industrial chain covering collection, treatment and product utilisation. Through refined operation and process optimisation, it continuously improves the efficiency of waste resource conversion and realises the value regeneration of waste.

In the infrastructure construction sector, the Company vigorously promotes material circular utilisation and green construction technologies. In expressway asphalt pavement maintenance projects, in-place hot recycling technology is applied to achieve 100% recycling and reuse of reclaimed asphalt pavement (RAP). Asphalt pavement waste generated from routine maintenance is uniformly collected at renewable mixing stations for plant-mix hot recycling, or used as subgrade fillers for other new road projects. The circular utilisation rate of asphalt pavement materials has consistently remained above 96%. Meanwhile, the Company actively promotes the conversion of construction spoil, waste pavement materials and other wastes into recycled aggregates, which are widely used in engineering components such as road cement-stabilised base layers, forming a closed-loop system for the resource utilisation of construction waste.

Case Successfully Developed a Clay-Based Regenerative Aggregate Technology

To actively respond to Shenzhen's "Waste-Free City" construction initiative and effectively address the challenge of engineering spoil disposal, the Group's Infrastructure and Environmental Protection Company, together with cooperative partners, has successfully developed clay-based recycled aggregate technology, achieving the upgraded resource utilisation of engineering waste. The performance indicators of recycled aggregates produced by this technology fully comply with highway construction standards, and the technology has been granted a national invention patent. This technology delivers multiple values: economically, recycled aggregates cost about 44% less than traditional crushed stone and significantly reduce engineering spoil disposal costs; environmentally, it not only consumes a large amount of spoil and reduces the exploitation of natural stone, but also actively absorbs CO_2 from the air during the production reaction, contributing to carbon reduction and emission mitigation; socially, it provides the industry with replicable solid waste resource utilisation solutions and drives the high-quality, green and low-carbon development of the infrastructure sector.

R&D and Application Process of Recycled Aggregate for Road Cement-Stabilised Base Layers

1. Residual sludge is produced through mud-sand separation technology to obtain raw materials for recycled aggregate.



2. Additive types, dosages, as well as aggregate production and curing methods are determined through tests to form the recycled aggregate preparation process.



3. Road cement-stabilised base layer specimens are prepared using recycled aggregate in place of crushed stone, and the adaptability of recycled aggregate in base layers is determined through performance testing.



4. A large-scale production line for recycled aggregate is developed to lay the foundation for engineering applications.



5. Test sections are constructed to detect the performance of recycled aggregate cement-stabilised base layers under cyclic vehicle loads.



6. After passing on-site tests and inspections, recycled aggregate base layers are applied in road engineering.



Case **Qiantai Power Battery Eco-Industrial Park Created a Closed-Loop Benchmark of "Recycling-Regeneration-Utilisation" Industry**

Shenshan Qiantai was successfully selected into the first batch of pollution and carbon reduction collaborative control benchmark projects in Shenzhen, becoming a representative demonstration project of the Company in the field of circular economy.

This project focuses on building a full life cycle management system for power batteries and has established a complete industrial closed loop covering "production – collection – dismantling – secondary utilisation – material regeneration". In terms of technical application, the project adopts a highly efficient and energy-saving regenerative battery testing system, achieving a comprehensive power saving rate of over 60%. Through this practice, the Company has provided a systematic solution for the resource-based and harmless treatment of retired power batteries, demonstrating its professional capability in promoting the circular upgrading of the industry in the segmented sector.



Addressing Climate Change

Since the "14th Five-Year Plan" period, Shenzhen Expressway has actively participated in climate governance actions under the guidance of the "Dual Carbon" goal. Drawing on the internationally prevalent framework of the Task Force on Climate-related Financial Disclosures (TCFD), the Company has systematically identified climate-related risks and opportunities, focused on enhancing the climate resilience of the infrastructure, and ensured the long-term safety and steady development of road network operations.

Governance

The Company has established a management-led, cross-departmental climate governance structure, integrating climate-related issues into the Group's decision-making and oversight processes. Through the formulation and implementation of policies including the *Measures for the Administration of Ecological and Environmental Protection* and the *Key Points for Further Strengthening the Prevention and Control of Air Pollution*, it has systematically standardised the management of energy consumption and greenhouse gas emissions. The Board of Directors serves as the supreme decision-making body for climate change-related affairs, while the ESG Committee acts as the core management and coordination centre for overseeing climate change initiatives. All functional departments and subsidiaries carry out and implement specific actions in accordance with their respective roles and responsibilities. This governance structure ensures the Company effectively responds to climate change across strategic planning, operation and management, on-the-ground implementation and information disclosure, and advances the Company's full transition to green and low-carbon development.

Core Governance Functions of the ESG Committee in Addressing Climate Change

- Strategy and Planning: Review the Company's mid-to-long-term climate strategy, carbon reduction target and annual ESG implementation plan.
- Policies and Systems: Guide the formulation and improvement of relevant policies and work rules such as carbon emission management and climate risk management.
- Coordination and Supervision: Coordinate the resources of various departments and subsidiaries to guide, supervise and review the implementation of climate-related work such as pollution reduction and carbon reduction, energy conservation and efficiency improvement.
- Risk and Opportunity Management: Identify, assess, and monitor material climate physical and transition risks faced by the Company, and formulate corresponding countermeasures.
- Reporting and Disclosure: Organise and lead the preparation, review and disclosure of the annual *ESG Report*, including climate action performance, to ensure compliance with regulatory requirements and best practices.

Strategy

The Company strictly complies with the relevant provisions of Section D of the Hong Kong Stock Exchange's *Environmental, Social and Governance Reporting Code*, and refers to the core guidelines of *International Financial Reporting Standard S2-Climate-related Disclosures (IFRS S2)*. Combining industry characteristics and cutting-edge research findings, we have systematically sorted out the climate-related risks and opportunities that the Company may face. To further scientifically assess the financial impact of climate factors, the Company has set high and low greenhouse gas emission scenarios, conducted in-depth analysis of the challenges and opportunities that climate factors may bring under different scenarios, and comprehensively evaluated the financial impact of climate factors[2].

We have chosen to conduct a scenario analysis using the Shared Socioeconomic Pathways (SSP) outlined in the Sixth Assessment Report (AR6) by the Intergovernmental Panel on Climate Change (IPCC). Specifically, we have compared the Low Greenhouse Gas Emissions scenario (SSP1-2.6) with the High Greenhouse Gas Emissions scenario (SSP5-8.5) to qualitatively assess the potential impacts of physical risks on company operations in the short term (2026), medium term (2030), and long term (2050).

[2] The assessment of the potential financial impact of Shenzhen Expressway on climate-related risks is a forward-looking statement, and due to the many uncertainties in the external environment, the actual future development may be different from the forecast in this report.

Physical Risk Analysis Climate Scenario Description

Scenarios	Shared Socioeconomic Pathway SSP1-2.6	Shared Socioeconomic Pathway SSP5-8.5
Description	Assuming that countries will reduce greenhouse gas emissions in accordance with the Paris Agreement to control global warming this century to no more than 2.0°C above pre-industrial levels (1850), achieving sustainable development.	Assuming business as usual with no greenhouse gas reduction measures implemented by countries, carbon emissions are projected to triple compared to 2015 levels by 2100. This scenario would lead to a global temperature increase of 4.4°C by the end of this century compared to pre-industrial levels, requiring countries to implement climate adaptation and mitigation measures.
Temperature Rise Magnitude	Not exceeding 2.0 °C	Approaching or exceeding 4.4 °C
Key Assumptions	Assuming factors such as business operations, asset size, and asset location remain constant, the physical risks faced by assets in various scenarios are measured solely through financial expected losses.	

Physical Risk Overview

	SSP1-2.6			SSP5-8.5		
	2026	2030	2050	2026	2030	2050
Extreme Rainfall						
Typhoon						
Coastal Flooding						
Extreme Heat						
Sea Level Rise						
Extreme Cold						
Extreme Snowfall						

Risk Level: Low Risk Medium Risk High Risk

Physical Risk Financial Impact Assessment

Climate-Related Risks	Time Horizons	Potentially Affected Value Chain Links	Potential Financial Impact
Acute Physical Risks			
Extreme Rainfall	Short term, Medium term	• Full value chain	• Heavy rainfall may trigger secondary hazards such as landslides, subgrade erosion, flooding in tunnels, and structural damage to bridges, which in turn lead to road closures, higher maintenance costs (such as material and labour costs), lower operating income, and higher insurance premiums.
Typhoon	Short term, Medium term	• Production and operation • Downstream of the supply chain	• Strong winds, rainstorms and storm surges brought about by typhoons may damage highway signs, guardrails, toll booths and bridge structures, causing traffic disruption and reducing operating income.
Coastal Flooding	Short term, Medium term	• Production ad operation • Downstream of the supply chain	• The superposition of typhoons, storm surges and high tide levels may cause severe flooding in coastal or estuary sections (such as riverside expressways and airport sections), submerging roads and electrical equipment, increasing operation and maintenance costs and lower operating income.
Extreme Heat	Short term, Medium term	• Production and operation • Downstream of the supply chain	• Frequent heat waves and more high-temperature days may result in softening of asphalt pavement and exacerbated rutting deformation, increasing the risk of tire blowout and traffic accidents.
Chronic physical risk			
Sea Level Rise	Long term	• Full value chain	Subgrade settlement may increase maintenance and repair costs

Measures to Address Physical Risks

Measures to Address Acute Physical Risks

- Enhance the emergency response plan for climate events, including warning systems and emergency response measures to address sudden climate events and ensure the safety of Shenzhen Expressway operations.
- Upgrade and improve roads, bridges, and drainage systems to enhance disaster resilience and reduce the damage caused by climate events on facilities.

Measures to Address Chronic Physical Risks

- Monitor meteorological dynamics, closely track long-term changes in weather patterns, forecast weather events, and take measures in advance.
- Adjust the Company's long-term planning, including road maintenance, construction, and updating plans, to continuously adapt to meteorological conditions in accordance with the trend of climate change.

Current Financial Impact Assessment: Acute Physical Risks

In terms of addressing physical risks related to climate change, the Company has incorporated the potential financial impacts into systematic and regular management. By establishing an annual road network traffic flow prediction model, we conduct systematic monitoring and analysis of climate-related physical risks, and quantitatively assess the potential financial impacts of extreme weather events. The expressway network operated by the Company mainly faces acute physical risks brought about by extreme weather such as typhoons and heavy rainfall. In 2025, due to extreme weather events including Typhoons "Mina" and "Huajiasha", certain sections of the expressways under the Company's jurisdiction implemented closure or traffic control measures to safeguard public safety and implement government emergency deployments. Consequently, the Company's expressway toll revenue decreased by nearly 18 million yuan. To address such risks, the Company continuously improves special emergency plans and rapid response mechanisms, comprehensively enhances infrastructure resilience and business continuity capabilities, thereby effectively mitigating the potential impact of relevant risks on the Company's operations.

We have chosen to conduct scenario analysis using the orderly scenario and greenhouse world scenario proposed by the Network for Greening the Financial System (NGFS) to qualitatively assess the potential impacts of transition risks on company operations in the short term (2026), medium term (2030), and long term (2050).

Transition Risk Analysis Climate Scenario Description

Scenarios	Orderly Scenario	Greenhouse World Scenario
Description	Strict climate policies and innovation will limit global warming to 1.5 °C, achieving net zero carbon dioxide emissions around 2050.	Implement current policies alone, even with the implementation of National Determined Contributions (NDCs) targets, it lacks effective policy support.
Temperature Rise Magnitude	Not exceeding 1.5 °C	More than 3 °C
Key Assumptions	Assuming factors such as business operations, asset size, and asset location remain unchanged, the transition risk faced by assets in various scenarios is measured solely through financial expected losses.	

Transition Risk Assessment Overview

	Ordered Scenario			Greenhouse World Scenario		
	2026	2030	2050	2026	2030	2050
Policy and Legal Risks						
Market and Technology Risks						
Reputational Risk						

Risk Level: Low Risk Medium Risk High Risk

Transition Risk Financial Impact Assessment

Climate Related-Risks	Time Horizons	Potentially Affected Value Chain Links	Potential Financial Impact
Policy and Legal Risks • Increase in greenhouse gas emission pricing • Enhanced disclosure requirements • Operational permit restrictions	• Medium term, Long term • Short term, Medium term, Long term • Medium term, Long term	• Full value chain	• Restrictions on the use of carbon-intensive materials, leading to price increases for some high-carbon emission raw materials • Increased compliance costs • Early retirement of existing assets due to policy changes
Market and Technology Risks • Shift in mobility patterns • Increased competition in the clean energy sector • Substitution of existing products and services with low-emission alternatives	• Long term • Medium term, Long term • Long term	• Full value chain	• Revenue reduction due to changes in supply and demand for goods and services • Changes in corporate valuation and decline in profits • Early obsolescence of existing technologies and increased capital investment in new technologies
Reputational Risk • Increased stakeholder focus on corporate climate action	• Short term, Medium term, Long term	• Full value chain	• Lack of transparency in climate action could harm corporate image • Meeting relevant demands may increase costs

Transition Risk Response

Measures to Address Policy and Legal Risks

- Recycle construction waste, etc., to reduce costs associated with purchasing new materials.
- Establish a robust reporting and monitoring system to meet compliance requirements.
- Diversify business operations to reduce reliance on specific permits.

Measures to Address Market and Technology Risks

- Provide intelligent, eco-friendly transport services to meet the green mobility needs of different customer segments.
- Diversify the business portfolio to address market uncertainties.
- Regularly assess the benefits of technology upgrades and transitions to ensure that initial investments yield reasonable returns.

Measures to Address Reputational Risk

- Collect and analyse customer feedback to adjust products and services.
- Establish transparent communication channels to actively communicate the Company's sustainability initiatives.
- Collaborate with stakeholders to jointly advance sustainability goals.

Climate change presents both challenges and opportunities. Shenzhen Expressway strives to seize the development opportunity, identifies diverse climate-related opportunities, and is committed to transforming the challenges of climate change into drivers for the Company's sustainable development.

Measures to Address Climate-related Opportunities

Climate-related Opportunities	Potential Financial Impact	Measures
Technological Opportunities • Clean Energy Technologies: Adopt clean energy technologies and develop energy storage solutions. • Intelligent Transportation Systems: Develop intelligent transportation systems to improve traffic efficiency and reduce energy consumption.	• Reduce Operating Costs: The adoption of clean energy and intelligent transportation technologies can lower fuel and maintenance costs, and enhance operational efficiency.	• Invest in Clean Technologies: Actively invest in and adopt clean energy technologies and intelligent transportation systems to reduce greenhouse gas emissions and lower operating costs. • Diversify Business: Explore the integration of transportation and energy with photovoltaic roadside economies, expand environmental protection services, and diversify revenue streams. • Engage in Green Projects: Participate in clean transportation projects and infrastructure development to gain support and incentives from governments and environmental organisations.
Market Opportunities • Green Mobility Demand: Meet consumers' demand for eco-friendly travel options by providing clean energy transportation services, thereby attracting environmentally conscious customers. • Green Transportation Projects: Participate in and invest in green transportation projects, such as electric vehicle charging infrastructure and battery swapping facilities. • Clean Energy Consumption Demand: Increase the supply of clean energy and expand charging infrastructure.	• Increase Revenue: Provide green and clean transportation services and infrastructure to attract more customers, thereby increasing the Company's revenue streams.	
Reputational Opportunities • Social Responsibility: Actively participate in climate action to enhance the Company's reputation among society and stakeholders, attracting investments and partnerships. • Sustainable Development: Demonstrate the Company's commitment to sustainability to increase public recognition and strengthen brand image.	• Return on Investment: Participate in green transportation projects and green infrastructure initiatives to obtain funding and incentives from governments and environmental organisations, thereby improving return on investment.	

Climate-related Opportunities	Potential Financial Impact	Measures
Products and Services • Environmental Business Opportunities: Developing new business lines and value-added services centred on green mobility and the broader environmental industry.	• Increase revenue: Generate new income streams, reduce the Company's reliance on traditional toll revenue, and achieve business diversification.	• Implementation of Environmental Protection Measures: During the construction and refurbishment of engineering projects, environmentally friendly solutions shall be integrated from the design stage, taking into account both the project requirements and local natural characteristics. This approach aims to enhance the energy efficiency and environmental performance of infrastructure. • Transparent Communication: Proactively communicate the Company's climate-related initiatives to stakeholders to enhance the Company's reputation and commitment to sustainability.
Energy Sources • Opportunities in Energy Transition: Large-scale installation of photovoltaic power stations on idle land resources such as production park roofs, service area rooftops, toll booth canopies, and motorway embankments.	• Reduce Operational Costs: Achieve a green, low-carbon and self-sufficient energy supply, thereby mitigating future risks associated with energy price volatility.	
Climate Resilience • Climate Adaptation: When undertaking new construction or refurbishment projects, adopt enhanced standards (such as increasing drainage system capacity, utilising heat-resistant asphalt, and reinforcing bridge foundations to address sea-level rise).	• Reduce Operational Costs and Losses: Minimise future maintenance expenses, business interruption losses, and risks associated with asset idling.	

Impact, Risk and Opportunity Management

The Company has gradually incorporated climate risks into the comprehensive enterprise risk management system, and established a complete closed-loop process covering climate risk identification, assessment and management. The risk management committee assists the Board in monitoring the overall risk and opportunity status of the Company, advises the Board on high risks and opportunities, and implements corresponding climate adaptation and mitigation measures to continuously improve the Company's climate resilience and sustainable development capabilities.

Climate Risk and Opportunity Management Process

Risk Identification

Conduct a comprehensive review of the geographical locations of its assets, refer to the relevant risks recommended by the Task Force on Climate-related Financial Disclosures (TCFD) and industry analysis reports, and combine internal historical data with future climate prediction models to systematically identify climate-related risks and opportunities, as well as compile a list of risks and opportunities.

Risk Assessment

Refer to the assessment results of risk exposure from scenario analysis to identify key risks, and analyse the impacts on the Company's business activities and their financial implications for the identified major climate-related risks and opportunities.

Risk Management

Develop management strategies and response plans for substantial risks and opportunities, specify the centralised management department or responsible person, formulate an annual risk management plan, and regularly monitor the progress of risk management and control improvement.

Case **Addressing Climate Risks – Building Resilient Defense Lines for the Flood Seasons**

In the flood season of 2025, the Shenzhen region was severely challenged by the frequent occurrence of extreme weather, with the impact of rainstorms and typhoons significantly exceeding the historical average. In terms of rainfall, a total of 22 rainstorm days were recorded throughout the year, with 5 days of local extremely heavy rain or above, the highest since 2018. In terms of typhoons, 6 typhoons directly affected Shenzhen, 67% more than normal years, among which "Ragasa" became the typhoon with the most severe impact on Shenzhen since "Mangkhut" in 2018.

In the face of the huge challenges brought by extreme weather, the Company, with the goal of "preventing major floods, responding to major dangers and rescuing major disasters", has successfully ensured the safety, smooth flow and stable operation of the expressway network under its jurisdiction through the establishment of a systematic emergency management system and forward-looking risk prevention and control measures, effectively addressing the physical risks of extreme weather against the backdrop of intensifying climate change.

- **Systematic Governance and Collaborative Operations:** The Company has established a three-tier joint defense system of "group overall planning, subsidiary responsibility, and grassroots implementation". In the face of severe typhoons such as "Wipha" and "Ragasa", the Group quickly initiated the emergency response at the highest level. Through unified command and dispatch, the Group efficiently coordinated the implementation of a series of standardised countermeasures such as work suspension, personnel transfer, facility reinforcement and traffic control to achieve cross-regional and cross-level collaborative operations.





- **Technology Empowerment and Precise Prevention and Control:** the Company deeply integrates advanced technologies into the whole process of risk prevention and control. Before the flood season, the Operation Development Company carried out a 35-day drainage system renovation project, thoroughly cleaned the side ditches and culverts, and comprehensively improved the drainage capacity. During the flood season, we adopted the dynamic hidden danger management model of "investigation before rain, inspection during rain, and verification after rain", and with the help of road network monitoring platform, drone aerial photography and other technologies, we implemented dynamic hazard control and accurate investigation in areas that are difficult to reach, such as the bottom of bridges and the depths of slopes. Throughout the flood season, a total of 3,298 inspection personnel were dispatched and 2,101 hidden dangers were rectified.





- **Preparation Strengthening and Practical Improvement:** the Company scientifically reserved 28 kinds of flood control materials in 5 categories, formed a professional rescue team of more than 250 people, and signed large-scale equipment supply agreements with external units. By organizing multi-scenario emergency drills such as side slopes and tunnel fires, and conducting joint drills with multiple departments such as traffic police and fire protection, the team's actual combat handling and collaborative rescue capabilities have been continuously improved.





Through the above-mentioned systematic and comprehensive measures, the Company has survived the 197-day flood season without major safety incidents and negative public opinions due to natural disasters.

Indicators and Targets

The Company has incorporated key ESG performance targets such as ecological civilisation construction into the annual performance appraisal and salary incentive system of senior management personnel for many consecutive years, so as to promote the Company's management to continuously deepen the Company's sustainable development practices. In 2025, the Company systematically set greenhouse gas emission targets at the group level and the level of two key subsidiaries, marking that low-carbon management has entered a new stage. Looking ahead, the Company will continue to promote refined management of greenhouse gas accounting and emission reduction, actively explore emission reduction paths and key technical solutions in line with industry development trends, build a resilient low-carbon operation system, and help the Group achieve comprehensive and verifiable carbon neutrality goals.

Shenzhen Expressway's GHG Emission Targets

Group level		A 1% reduction in GHG emissions per million revenue (Scope 1+Scope 2) in 2026, compared to a 2025 baseline.
Subsidiary level	Shenshan Qiantai: Qiantai Power Battery Eco-Industrial Park	The rate of reduction of carbon emissions per unit of industrial added value or per unit of product decreased by more than 8% per year on average during the creation period.
	Environmental Company: Guangming Environmental Park	The unit biogas value and unit crude oil carbon emission reach 0.66 $kgCO_2/m^3$ and 1.09 tCO_2/t respectively in 2026.

Shenzhen Expressway's Greenhouse Gas Emissions Metric

Indicators	Unit	2025
Greenhouse Gas Emissions (Scope 1)	tCO_2e	8,460
Greenhouse Gas Emissions (Scope 2)	tCO_2e	53,024
Greenhouse Gas Emissions (Scope 3 – Business travel)	tCO_2e	156
Greenhouse Gas Emissions (Scope 1 + Scope 2)	tCO_2e	61,483
Total GHG Emissions Intensity (Scope 1 + Scope 2)	tCO_2e/million revenue	6.59

Improving the Quality of Environmental Protection Industries

Shenzhen Expressway actively responds to the national "Dual Carbon" strategy and systematically deploys the environmental protection industry. Focusing on investment management platforms such as environmental companies, new energy companies, and infrastructure environmental protection companies, on the basis of consolidating the operational efficiency of existing projects, we actively explore new environmental protection businesses and continuously improve the overall quality and efficiency of the industry.

Steadily Promote the Environmental Protection Industry

Solid Waste Recycling	
Organic Waste Treatment	Through advanced processes such as anaerobic fermentation, organic waste is converted into biogas for heating or power generation, the dehydrated biogas residue is used for composting, and the separated oil is used for the production of chemical products, forming a circular economy model of "environmental protection-resource circulation-carbon emission reduction". At present, 18 organic waste treatment projects have been put into commercial operation. Through technology empowerment and smart management, the self-developed smart oil-water separator has achieved a purity of over 90% oil extraction.
Vehicle Dismantling and Comprehensive Utilisation of Batteries	Relying on its full-chain capabilities spanning battery R&D, manufacturing and comprehensive utilisation, the Company has accelerated its transformation into high-value-added sectors, while advancing its industrial and commercial energy storage as well as two-wheeler battery swapping businesses. In respect of industrial and commercial energy storage, the Guiyang Lande project and the Shandong Wuyue Plaza industrial and commercial energy storage project have been successfully connected to the grid and put into operation. For battery swapping, the asset utilisation rate of the "Battery Swap City" pilot project has reached 75%. Meanwhile, the Company has initiated project approval for a total of 27 standardised products covering segmented scenarios including two/three-wheeler power supplies and energy storage, further consolidating its diversified product portfolio and strengthening market competitiveness.
Clean Energy Generation	
The Company possesses integrated business capabilities encompassing clean energy power generation, post-construction operation and maintenance services, as well as project supporting financing. In 2025, the new energy subsidiary implemented the strategy of "one turbine, one strategy" and carried out governance on key wind farms. It steadily enhanced its power trading capacity, continuously deepened the efficiency of market-oriented allocation, and achieved 100% of its operational targets.	

During the Reporting Period:

- The Group collected, transported (processed) 1.43 million tonnes of organic waste, and realised the utilisation of slag in 14 projects. The on-grid biogas power generation generated 37,080 MWh, which is equivalent to reducing the emission of carbon dioxide 33,309 tonnes and the use of standard coal 4,557 tonnes
- Completed the disposal of 3,323 tonnes of waste power batteries, dismantled 3,646 sets of scrapped motor vehicles, and dismantled 30,388 electric bicycles
- 1,530,134 MWh of on-grid wind power generation was completed, equivalent to reducing carbon dioxide emissions 1,393,034 tonnes and reducing the use of standard coal 188,054 tonnes
- The completion of photovoltaic power generation on-grid power generation 4,050 MWh, equivalent to reducing carbon dioxide emissions 2,149 tonnes, reducing the use of standard coal 498 tonnes

Case Guangming Environmental Park Built a High-Standard and Low-Odour Waste Treatment Park

To build an industry-leading low-odour industrial park, the Organic Waste Treatment Project at Guangming Environmental Park of the Environmental Company has established a full-process, fully enclosed odour collection and graded treatment system. Differentiated treatment processes are adopted for waste gas of varying concentrations, supported by an ionised oxygen fresh air system. For flue gas from biogas power generation, SCR denitrification and low-nitrogen combustion technologies are applied, reducing the nitrogen oxide (NO_x) emission concentration from the stringent standard of 150 mg/m³ to below 30 mg/m³, with a removal efficiency of over 90% and no secondary pollution. The project adopts a vertical intensive layout and underground fully enclosed logistics passages, combined with fully enclosed negative pressure collection, ensuring an odour collection rate of no less than 95% and zero sewage overflow. Through the above systematic measures, the odour concentration at the park boundary has been stably controlled to an extremely low level of below 10, which is stricter than the highest domestic standards in the industry.

Case Shenshan Qiantai Contributes to Shenzhen's Battery Swap City Initiative

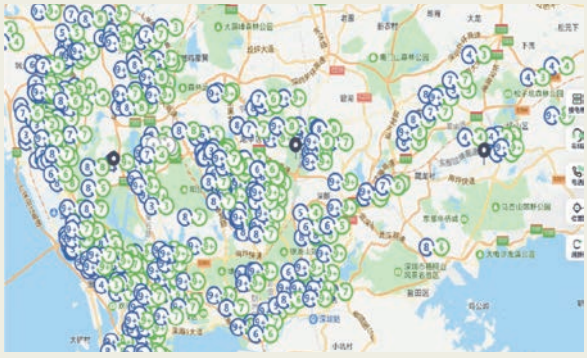
Shenshan Qiantai, a subsidiary of Shenzhen Expressway, actively responded to the construction and deployment of Shenzhen's "Battery Swap City", relying on power battery management and smart IoT technology to build a safe and efficient urban power swap circuit. Shenshan Qiantai focuses on the construction of three core capabilities to form a differentiated advantage:

Safer battery technology: Taking the lead in adopting semi-solid batteries, the energy density is increased by 30% and the volume is reduced by 20%.

Smarter battery protection: Real-time monitoring and intelligent management of battery status through the self-developed BMS battery management system, extending battery storage life to more than 12 months, ensuring safety and performance throughout the life cycle.

More efficient operation network: Through big data analysis, we have strategically deployed battery swap cabinets to advance the development of a "one-kilometre swap network". Currently, over 820 swap cabinets are operational in Shenzhen, equipped with 13,000 battery packs. Battery utilisation has reached 75%, with our service network providing convenient coverage across the entire city. This has significantly enhanced user experience and operational efficiency.



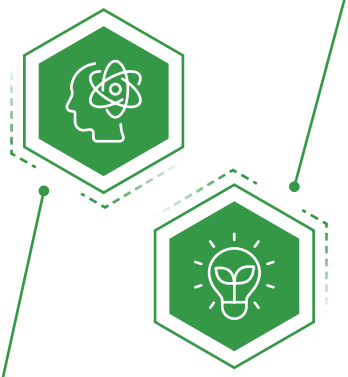


Industry-finance Collaboration Empowers Innovation and Development

The Company actively leverages the synergistic effects of industry-finance integration, utilising its specialised Financial Leasing Company as a platform to deliver precision financial services to green industries through innovative models. With a primary focus on new energy and environmental protection sectors, it effectively addresses practical bottlenecks faced by enterprises in equipment upgrades, technological transformation investments, and cash flow management, thereby establishing a virtuous cycle where finance drives industry and industry fuels finance. During the reporting period, the Company achieved business breakthroughs in operational leasing and distributed photovoltaic sectors, with multiple projects receiving industry recognition.

In terms of new energy business

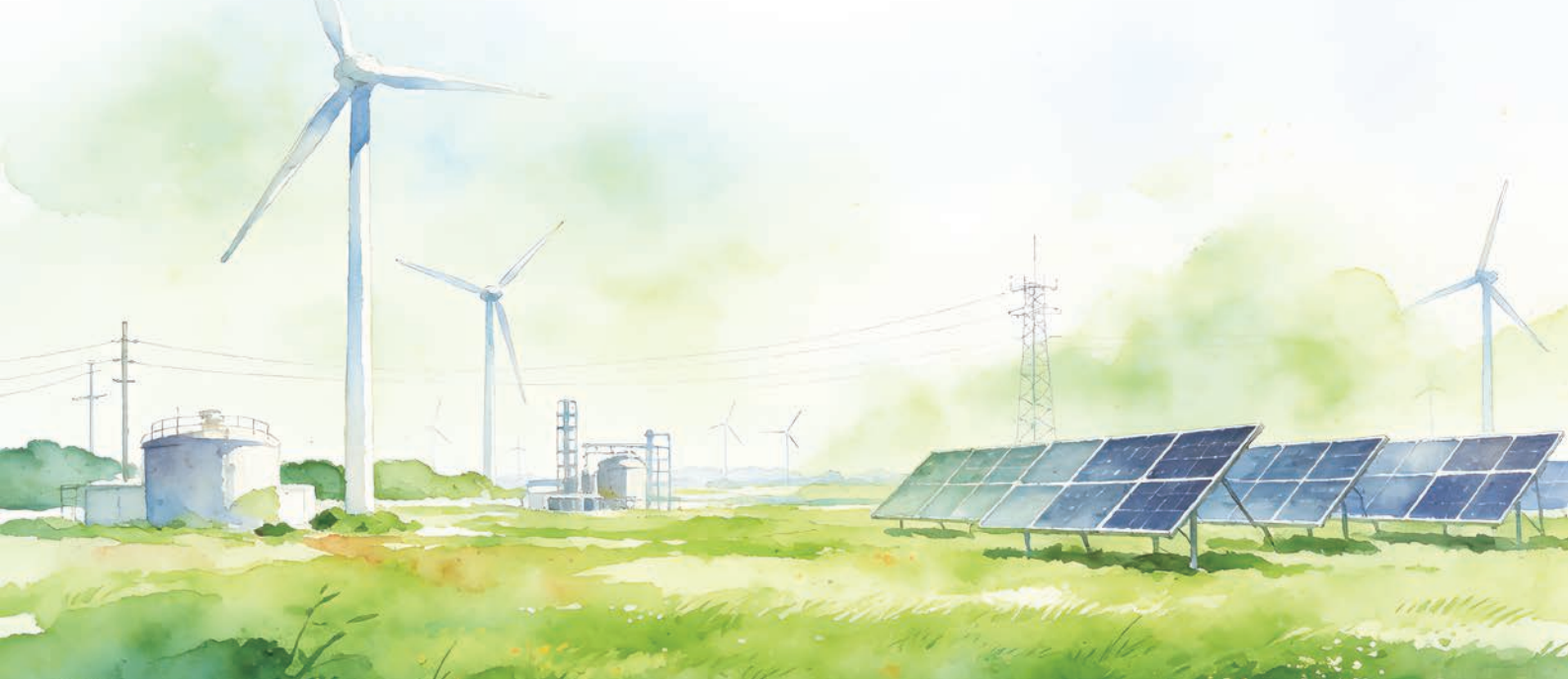
through internal collaboration, we innovatively launched the Qinglian Expressway Decentralised Photovoltaic Operating Leasing Project and built the first expressway "Zero-Carbon Management Center" on a national scale. The project has become a model of integrated development of transportation and energy. Selected as a national innovation case of transportation and energy integration. Additionally, the Company has provided financial leasing services for wind power projects with a total installed capacity of approximately 173MW, thereby supporting the upgrading of the wind power industry. This initiative has made a positive contribution to advancing clean energy development and achieving energy conservation and emission reduction targets.



In terms of environmental protection business

in response to the pain points of large investment in equipment upgrades and rapid technological iterations in the environmental protection industry, the Company provides customised financial solutions to directly empower the industry to improve quality. For example, we provides food waste collection and transportation vehicle renewal and leasing services to Lisai Environmental, supporting the efficient collection, transportation and resource utilisation of urban organic waste; We also offers energy-saving technical renovation support to environmental enterprises such as Taizhou Lande, enabling them to complete the introduction and commissioning of high-efficiency treatment equipment without bearing huge upfront capital investment.

Moving forward, the Financial Leasing Company will continue to deepen its integrated financing and asset-based services, focusing on the new energy and environmental protection sectors. It will provide innovative and tailored financial support, injecting sustainable financial momentum into the Group's high-quality development and the nation's "Dual Carbon" goal.





04 Employee Responsibility: Deep Cultivation, Nurturing Mutual Growth

Shenzhen Expressway always adheres to the "people-oriented" development concept and deeply integrates employees' occupational health and comprehensive protection into the core of corporate development. On the basis of strictly complying with laws and regulations and actually safeguarding the legitimate rights and interests of employees, the Company continually refines its remuneration and benefits framework, enhances talent cultivation and development mechanisms, and actively fosters a diverse, equitable, inclusive and supportive working environment. It is committed to achieving a harmonious alignment between the growth of employee value and the sustainable development of the enterprise.

Aligning with the United Nations Sustainable Development Goals (SDGs)



The Sustainable Development Issues of the Shanghai Stock Exchange Addressed in this Chapter

- Employees

The ESG Contents of the Stock Exchange of Hong Kong Addressed in this Chapter

- B1 Employment
- B4 Labour Standards
- B3 Development and Training
- B2 Health and Safety

Protecting the Rights and Interests of Employees

Shenzhen Expressway strictly complies with the *Labour Law of the People's Republic of China*, the *Labour Contract Law of the People's Republic of China* and other relevant laws and regulations. It has established a sound institutional framework to protect employees' rights and interests. By optimising salary and benefits, improving communication channels and broadening career development paths, the Company works together with employees to build a mutually beneficial employment ecosystem with clear rights and responsibilities.

Compliance Employment

The Company collects resumes and selects suitable candidates for positions through diversified recruitment channels in accordance with internal management policies such as the *Employee Recruitment Management Measures and the New Employee Enrolment and Confirmation Management Measures*. We explicitly prohibit the employment of any child under the legal working age, and set up an identity card and age verification process in the recruitment process. At the same time, we resolutely eliminate any form of forced labor, and strictly prohibit coercion of employees to work by withholding documents, collecting deposits, and restricting personnel freedom.

The Company places high priority on safeguarding the rights and interests of migrant workers employed by contractors. It has urged contractors to enhance their practices by formulating the *Measures for the Protection of Migrant Workers' Rights and Interests*, strictly managing wage payments to migrant workers. Concurrently, contractors are required to improve supporting measures including migrant worker insurance, living and construction safety guarantees, skills training, and legal awareness education. The Company has established an effective rights protection and emergency response mechanism, strengthened penalties for breaches of contract, and effectively safeguards the legitimate rights and interests of migrant workers to ensure full payment upon completion of work.

Equality and Diversity

The Company is committed to fostering a diverse, inclusive, fair and equitable working environment, resolutely eliminating all forms of prejudice, discrimination and harassment. We do not discriminate on the basis of ethnicity, race, gender, age, cultural background, religious beliefs, financial status, height, weight, appearance, or unreasonable age restrictions. We ensure every employee enjoys equal opportunities for development.

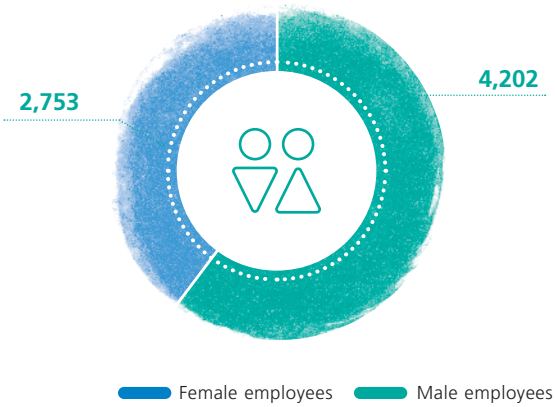
We strictly implement national regulations on the protection of female employees during pregnancy, maternity and lactation periods, ensuring that they receive adequate care and support during these special stages.



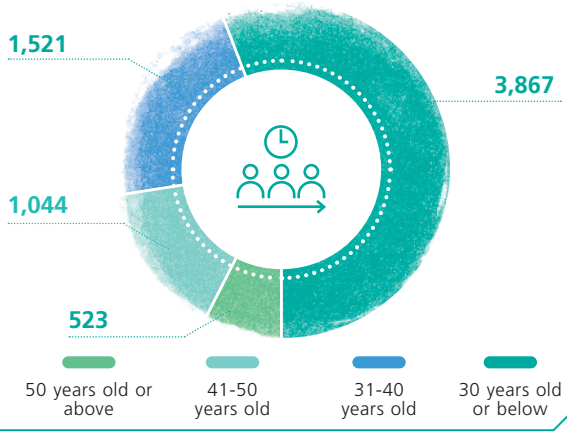
Staff Structure

In 2025, the Company had a total of 6,955 employees

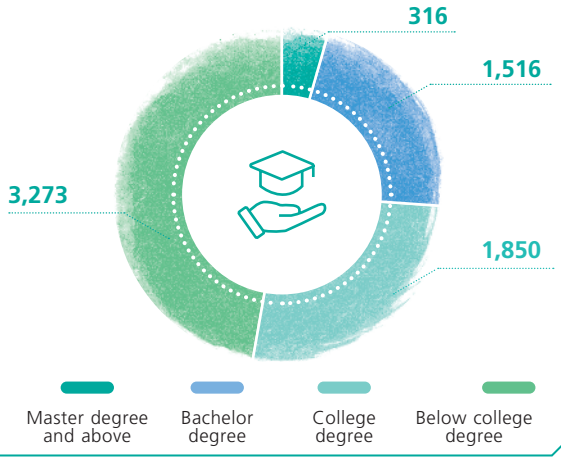
By Gender (Person)



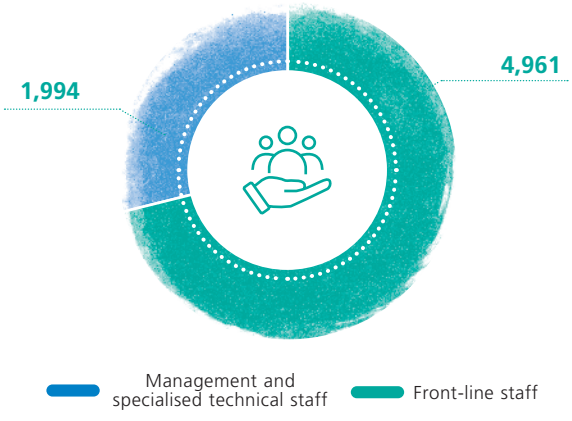
By Age (Person)



By Educational Background (Person)



By Job Function (Person)



Salary and Welfare

In accordance with the *Compensation Management Measures* and *Performance Management System*, the Company has conducted regular salary market benchmarking based on core dimensions including job value, competence and performance contribution, establishing a compensation and benefits system featuring internal equity, external competitiveness and overall rationality, so as to effectively ensure the fairness and objectivity of value distribution. Meanwhile, the Company provides diversified non-monetary benefits for all employees, including festival care, insurance, leave and retirement arrangements, and continuously enhances employees' sense of happiness and belonging through sound welfare policies.

In the management of attendance and leave, the Company and its subsidiaries have established standardised *Measures for the Management of Employee Attendance and Leave*. Through a standardised and streamlined management mechanism, these procedures ensure operational efficiency while fully implementing employees' statutory leave entitlements.

Daily and Holiday Benefits	• Offer employees with free breakfast, lunch and overtime dinner • Send warm wishes and greetings to employees on their birthdays • Seasonal greetings for New Year's Day and the Spring Festival, Labour Day and the Dragon Boat Festival, the Mid-Autumn Festival and National Day, etc • Labour union members are entitled to spring and autumn outing benefits each year, as well as the rights to condolences for weddings, funerals and hospitalisation
Insurance	• Statutory insurance and housing Fund: Pension insurance, medical insurance, maternity insurance, work-related injury insurance, unemployment insurance, housing Fund • Supplementary insurance: Enterprise annuity, critical illness insurance, Shenzhen Employee Medical Mutual Aid Guarantee Plan
Vacation Welfare	• Paid annual leave, marriage leave, bereavement leave, family planning leave
Retirement Benefits	• Annual health examination

Democratic Communication

The Company places great importance on employee feedback, viewing it as a vital basis for optimising management and advancing democratic governance. To this end, we have established regular, multi-faceted democratic communication channels, including staff representative assemblies, employee forums, suggestion boxes, and formal complaint procedures. We actively encourage employees to voice their reasonable concerns, safeguard their legitimate rights and interests, and effectively transform employee feedback into a driving force for management improvement.



Caring for Employees

Shenzhen Expressway consistently prioritises the physical and mental wellbeing of its employees. Through diverse cultural and sporting activities such as badminton tournaments and festive-themed food festivals, the Company encourages staff to cultivate healthy lifestyles and positive mental attitudes. Concurrently, it regularly organises specialised initiatives including first-aid training and mental health seminars to enhance employees' safety awareness and psychological resilience, thereby safeguarding their wellbeing comprehensively.



Lantern Festival Activities



Badminton Match



Dragon Boat Festival



Food Festival

Case **Operation Development Company Organised Training in Cardiopulmonary Resuscitation Skills and Automated External Defibrillator (AED) Use**

In 2025, Operation Development Company invited professional instructors certified by the Shenzhen Red Cross Society to give offline lectures, providing special training on cardiopulmonary resuscitation skills and the use of AEDs (Automated External Defibrillator). Through systematic training, participants will master the identification of cardiac arrest, standard operating procedures for cardiopulmonary resuscitation (CPR), the proper use of automated external defibrillators (AEDs), and the combined CPR and AED rescue protocol. This ensures rapid and scientifically sound emergency response in critical situations, achieving the objectives of being willing to administer aid, competent in administering aid, and administering aid correctly.



Case **New Energy Company Organised Special Training on Mental Health of Employees**

In 2025, the trade union of New Energy Company organised a special training on employees' mental health with the theme of "Emotional Healing Experience • Your Portable Toolkit", and invited Mr. Zhang Tianqi, a psychological consultant of Shenzhen Federation of Trade Unions, to give a lecture. It helps employees relieve physical and mental stress and master practical self-care skills. This training not only effectively improved the employees' psychological resilience and sense of well-being, but also further strengthened the emotional connection of the team.



Special Training on Mental Health of Employees of New Energy Companies

In terms of employee care and support, the Company has continuously improved the long-term mechanism for assisting employees in need and launched an employee mutual support programme based on the principle of voluntary participation. The programme covers critical illness insurance and personal accident mutual aid funds, aiming to build an additional risk buffer for employees and effectively alleviate the financial pressure caused by serious health issues. For employees suffering from critical illnesses or accidental injuries, the Company will promptly initiate a special assistance mechanism to help them and their families through difficulties. During the reporting period, the Company granted RMB114,000 in consolation funds, and provided support to a total of 38 employees in difficulty.



The Group's Spring Visiting Activities in 2025

During the reporting period

The Company granted consolation funds RMB **114,000**

Provided support to a total of **38** employees

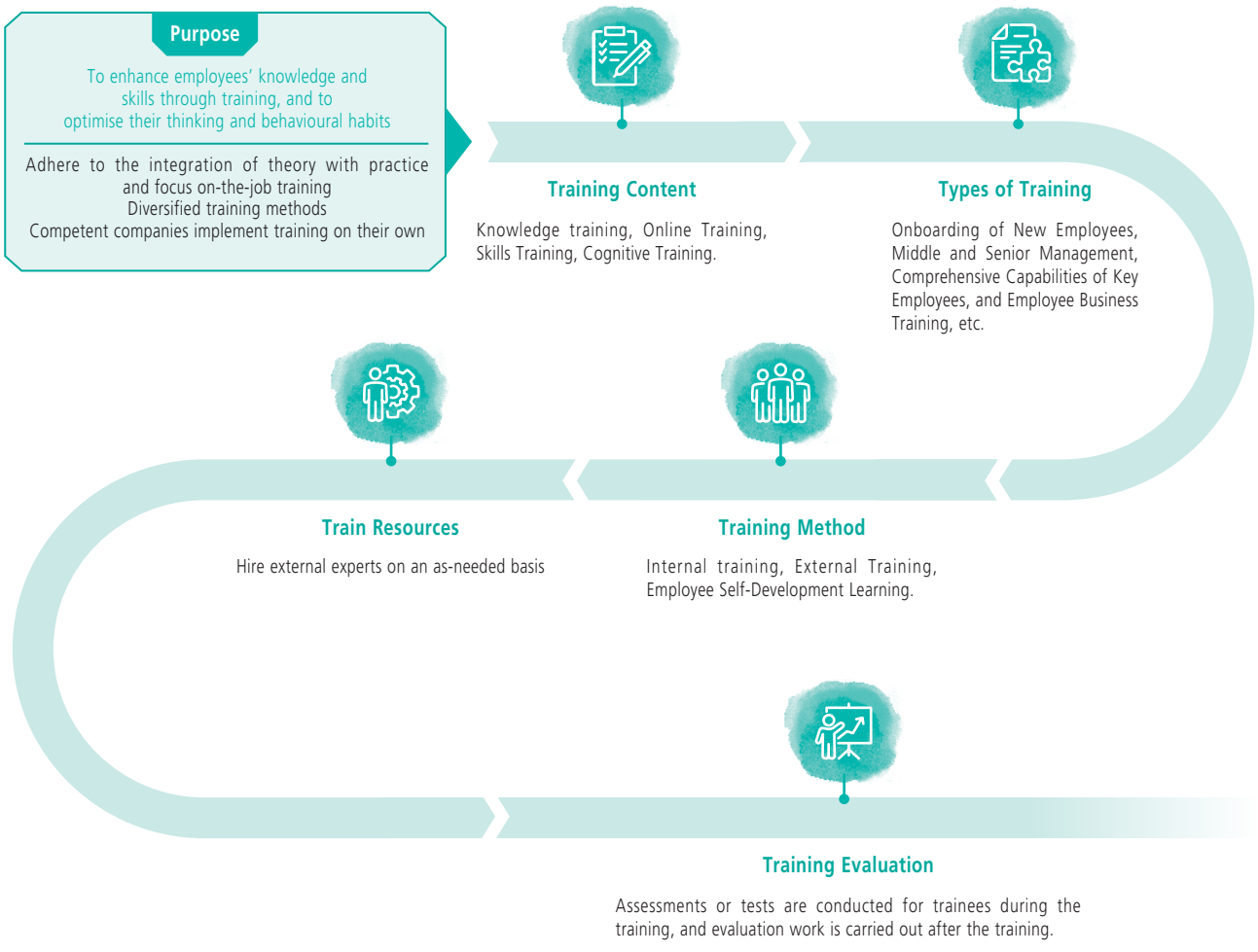
Empowering Talent Development

Shenzhen Expressway regards every employee as a growth partner moving forward together. It is committed to building a three-dimensional learning platform, multi-channel development paths and a scientific and impartial evaluation system, aiming to empower every partner to continuously enhance professional capabilities, clearly plan career growth paths, and achieve the coordinated progress of personal value and corporate development.

Employee Training

The Company takes the *Employee Training Management Measures* as the general outline of training work, and the Human Resources Department, as the employee training coordinator department, instructs business departments and subsidiaries to formulate training management policies based on their own actual supporting facilities, and build a hierarchical and collaborative training management system. Based on the needs of employees, we conduct a systematic analysis of training, closely follow the Company's strategic planning and business goals for the next year, clarify training policies and strategies, and formulate targeted annual training implementation plans.

Employee Training System



The Company has systematically established a hierarchical and classified training system to precisely match talents at all levels and sequences, strengthen the training and reserve of echelons, and continuously activate the potential of talents.

Recruiting Talents

- We visited key universities to launch the 2026 campus recruitment under the "Young Seed Programme", and implemented a multi-dimensional evaluation system consisting of online tests, preliminary interviews and re-interviews to attract high-quality graduates.
- We organised face-to-face discussions between company executives and new campus recruits, and strengthened the "vocational + professional" dual-mentoring mechanism for campus recruits.

Talent Pool

- We organised the dynamic adjustment of talents under the "Elite Programme", promoted 6 individuals out of the talent pool, selected and added 9 new members, and built an excellent "elite" cadre talent team.
- We conducted a special research project on "Going Deep into Subsidiaries and Engaging with Cadres at All Levels", and interviewed nearly 200 leaders, including the leadership teams of second-tier companies and mid-level managers, face-to-face.

Training Talents

- With the core concept of "talent empowerment strategy implementation", we have established a talent echelon training system covering "senior executives-mid-level-backbone-cutting-edge" talents.
- We organised more than 50 special training sessions, including leadership training for middle and senior executives, training for elite cadres, induction training for new employees, and special training on research into highway investment and financing policies and development trends.

New Employee Training





New Employee Training

Leadership Training

Case **Organised Comprehensive Training for Middle and Senior Managers**

In September 2025, the Company held a one-and-a-half-day special training for middle-level management and above, as well as members of the leadership teams of all second-tier companies. The training focused on financial knowledge, corporate governance, and mental health, which effectively improved the comprehensive capabilities and professionalism of the core management team.



Middle and Senior Management Training





Elite Talent Training

Professional Skills Training

Case Operation Development Company Organised Business Capability Training in the Field of Administrative Management

In 2025, Operation Development Company organised a special professional skills training programme on the Administrative Management and Implementation Standards for key staff in positions such as document management, public opinion management, meeting and asset management, and vehicle management across all departments, toll stations, and affiliated companies. The training covered document processing procedures and operational standards, public opinion classification, supervision rules, meeting management requirements, as well as office environment, asset, and vehicle management. This effectively standardised document drafting and processing, improved the efficiency and quality of supervision and meeting management, and strengthened the standardised control of logistics support and vehicle usage.



Case Environmental Company Organised AI Empowerment Training

In 2025, Environmental Company focused on improving the office efficiency of management personnel and organised a themed training programme titled the *Productivity with AI – 10x Speed Improvement in Work Efficiency*. The training covered skills such as basic AI knowledge, practical operation of AI tools, and AI-enabled workplace office practices, helping participants master smart office tools and adapt to the digital and intelligent transformation.





Educational Enhancement and Accreditation

The Company actively encourages employees to improve their academic qualifications and professional abilities. It includes the acquisition of job-related professional certificates in the talent development system and provides opportunities for further education. A special reward mechanism is established to offer cash incentives to employees who upgrade their qualifications or obtain professional titles and certifications. In 2025, the Company has implemented 158 reward schemes totalling nearly RMB 620,000, providing special incentive funds to employees who achieved higher academic qualifications or obtained certifications including Certified Public Accountant, Certified Internal Auditor, Legal Professional Qualification, Tax Agent, Senior Engineer and Intermediate Professional Titles. These measures have effectively created a professional and excellence-oriented learning atmosphere.

In 2025

Trained employees
6,877 people

Employee training coverage
99%

Total training hours
267,239 hours

Average training hours
38.42 hours

Career Development

The Company is committed to building a systematic talent development system. By continuously improving the dual-channel career progression mechanism for talents, which covers both "management and professional" tracks, it has opened up interlinked pathways for career development, providing employees with multi-dimensional growth space and enabling the full utilisation of individual talents.

Selection and Competition Mechanism. The Company has developed an internal talent market and established a selection and appointment mechanism featuring democratic recommendation, internal competition and external recruitment. It has standardised selection procedures and improved the internal recruitment system to create a fair, open and transparent mechanism for talent selection. In 2025, more than 20 employees participated in internal competitions and 9 were successfully appointed, which helped break barriers to internal talent mobility and achieve optimised talent allocation. In the same year, the Company appointed 8 middle-level cadres, recruited 1 professional specialising in new energy, and arranged job rotations for 7 cadres. These efforts further strengthened the management team and raised the professionalisation level of the cadre team.

Performance Appraisal Mechanism. The Company has established a four-tier performance appraisal mechanism covering enterprise leaders, executives, departments and individuals. It has built a comprehensive indicator system and strengthened the rigid constraints of quantitative indicators to ensure clear responsibilities and precise targets. The Company carries out performance appraisals every six months and optimises the linkage between appraisal results and the performance grades of frontline employees. This ensures that the appraisal orientation is effectively communicated to all staff. In line with the *Performance Management System*, supervisors communicate with subordinates regularly on performance implementation and help employees achieve their objectives. Employees who disagree with performance results may provide feedback to their direct supervisor for re-evaluation. Through performance interviews, both parties reach a consensus on the appraisal results and confirm the next phase of performance objectives. The Company also integrates appraisal results with bonus distribution, commendations, salary adjustments and promotion, which effectively motivates all employees to take initiative at work.



Escort Occupational Health

Shenzhen Expressway attaches great importance to the occupational health of its employees. It has established a full-cycle, multi-dimensional health management system covering the entire chain of occupational health protection, from hazard notification and health monitoring to protection support. In 2025, the physical examination coverage rate for all employees reached 100%.

Occupational Health Management Measures

Occupational Hazard Notification and Warning

- When signing employment contracts, employees are truthfully informed of possible occupational hazards, their consequences, and protective measures at work, and these terms are clearly stipulated in the contract.
- If an employee is found to have occupation-related health damage during an occupational health examination, the Company will immediately transfer them from their original post and make proper arrangements.
- At the entrances and prominent locations of workplaces with serious occupational disease hazards, warning signs and Chinese warning notices are displayed.

Employee Health Check

- Pre-employment: All new employees undergo an occupational health examination. A health record is established, and employees may only start work after passing the examination.
- During employment: For employees exposed to occupational hazards, the Company organises regular occupational health examinations, and the results are filed in their personal records. If an occupational contraindication or occupational disease is identified, the relevant work is immediately suspended and follow-up arrangements are coordinated.
- Upon departure: Before being transferred or leaving a role with occupational disease hazards, employees must undergo a pre-departure health examination.

Occupational Health Protection

- The Company provides employees with occupational protective equipment suitable for their job positions.
- The Company regularly inspects the use of protective equipment and supervises employees to wear and use it correctly.
- Regular and ad-hoc inspections are conducted on the protective facilities and equipment of on-site personnel from relevant parties.





05 Social Responsibility: Advancing Together for Public Well-being

The mission of Shenzhen Expressway is to create high-quality infrastructure and serve the city for a better life. In the process of promoting the sustainable development of the Company, the fulfillment of social responsibility is always at the core. We are committed to building a symbiotic ecosystem of shared value with employees, partners and communities, and through creating and sharing value while delivering caring services, we make sustained and solid contributions to social progress and people's well-being.

Aligning with the United Nations Sustainable Development Goals (SDGs)



The Sustainable Development Topics of the Shanghai Stock Exchange Addressed in this Chapter

- Supply Chain Security
- Equal Treatment of Small and Medium-sized Enterprises (SMEs)
- Rural Revitalisation
- Social Contribution

The ESG Contents of the Stock Exchange of Hong Kong Addressed in this Chapter

- B5 Supply Chain Management
- B8 Community Investment

Joining Hands with Partners for Mutual Prosperity

Shenzhen Expressway always integrates the concept of sustainable development into supply chain management, adheres to the principle of "sincere cooperation, win-win development", and we continuously iterate our responsible procurement management system, strive to build a transparent, standardised and compliant procurement process, work together with our partners to establish a fair, orderly and highly collaborative supply chain ecosystem, and enhance the resilience and value of the industrial chain.

Supplier Management

The Company strictly complies with the *Tendering and Bidding Law of the People's Republic of China,* the *Civil Code of the People's Republic of China* and other relevant laws and regulations, and adheres to the basic principles of openness, fairness, impartiality and good faith. We continuously iterate and optimise internal bidding and procurement systems such as the Procurement Management Measures and Procurement Operational Rules, and establish a whole-process management system covering suppliers from access to exit, ensuring that bidding and procurement activities are conducted in accordance with laws and regulations in a transparent manner.

Supplier Management System

Supplier Admission

The Company strictly implements the relevant procurement regulations issued by the Municipal State-owned Assets Supervision and Administration Commission. For procurement projects adopting public tendering and restricted tendering methods, it standardises the selection of suppliers in accordance with the corresponding approaches. During the evaluation phase, for procurement projects that meet the criteria or have a significant ESG impact, the Company systematically integrates ESG-related qualifications into the evaluation system. For instance, in tendering activities for services such as vehicle leasing, additional points are granted to suppliers holding relevant system certifications, thereby guiding partners to enhance their sustainable development capabilities.

Supplier Performance

In the contract documents for projects such as construction projects, the Company has specially set up chapters and clauses on ESG constraints, such as environmental protection, soil and water conservation, and wage payment guarantee for migrant workers, to clearly define relevant responsibilities and requirements; in the contract performance stage, through on-site inspections and special inspections to supervise the implementation of environmental protection and labor rights protection by construction units to ensure that various ESG management requirements are effectively implemented.

Supplier Evaluation

Strictly implement the *Measures for Supplier Performance Evaluation Management*, and conduct a comprehensive evaluation of suppliers from the aspects of personnel and equipment allocation, quality progress management, safety production and social responsibility practices through the *Supplier Performance Evaluation Score Sheet*. The performance evaluation results are summarised annually to continuously standardise procurement practices and enhance contract execution efficiency.

Supplier Exit

Suppliers with serious misconduct are included in the *Register of Non-Compliant Suppliers* and are prohibited from participating in tenders for procurement projects organised by the Company for a specified period starting from the date of inclusion.

Supplier Risk Management

The Company has established a comprehensive prevention and control system featuring a decentralised mechanism and dynamic credit management. By implementing source-level screening, process-based decentralisation, dynamic evaluation, and full-process supervision, it fortifies the supply chain security on all fronts.



Source control and risk diversification in the procurement process.

The Company conducts rigorous reviews against the *Compliance Risk Checklist for Procurement Management*, prioritising suppliers with good credit standing and industry leading position. In the management of major construction projects, a multi-lot tendering approach has been adopted. The main works are scientifically divided into several tenders (e.g., six tenders for the Jihe Expressway expansion and seven for Phase III of the Outer Ring Expressway). This effectively mitigates potential risks arising from the excessive centralisation of technology, equipment, and performance resources, fosters healthy market competition, and enhances supply chain resilience.



Dynamic assessment and closed-loop control in the post-evaluation phase.

The Company continuously enhances the supplier credit evaluation and dynamic management mechanism, and established a system to "reward good performers and penalise poor ones". Following evaluation, suppliers with serious misconduct are included in the list of disqualified suppliers and restricted from tendering for a period of six months to one year. Such arrangements form a restrictive closed loop under which breaches of trust lead to widespread restrictions, effectively strengthening behavioural constraints on suppliers and further improving the overall reliability of the supply chain.

Sunshine Procurement

The Company strictly complies with all relevant national, provincial, and municipal regulations, comprehensively promoting sunshine procurement processes. For procurement projects reaching the prescribed thresholds, information is disclosed on designated platforms and the entire transaction process is conducted online, ensuring compliance and transparency in all procurement activities. We sign *Anti-Commercial Bribery Agreements* and *Integrity Contracts* with our partners, establishing a procurement mechanism with full-process supervision to prevent corrupt practices in tendering and bidding.

Principles of Anti-Corruption and Anti-Commercial Bribery

- We adopt a "zero tolerance" attitude towards corruption and commercial bribery, strictly adhere to relevant laws and regulations, and do not engage in or support any form of corruption or commercial bribery.
- No property or non-property benefits (such as cash, stocks, real estate, job opportunities, promotions, vacations, etc.) shall be directly or through a third party provided or promised to counterparties, government officials, business partners, or other relevant individuals for gaining a competitive advantage or business opportunities.
- The provision of gifts, banquets or entertainment for external parties in connection with official activities shall be implemented in accordance with the standards stipulated by the Group and subject to strict approval procedures, so as to ensure compliance with legal requirements and relevant internal regulations of all parties concerned.
- Do not provide commercial bribery in a disguised form through public welfare donations, social responsibility expenses, etc.
- Incorporate anti-commercial bribery and anti-corruption requirements into the criteria for business partner admission, and mandate them to make anti-corruption and anti-commercial bribery declarations and commitments in business dealings and commercial contracts with Shenzhen Expressway.

Equal Treatment of SMEs

The Company strictly complies with national laws and regulations, including the *Regulation on the Guarantee of Payments to Small and Medium-sized Enterprises*, and upholds the principle of equal treatment to protect the legitimate rights and interests of SMEs. We have established a complaint hotline on our official website to ensure smooth channels for SMEs to provide feedback and safeguard their rights. During the reporting period, neither the Company nor its controlling subsidiaries had any overdue payments to SMEs publicly disclosed via the National Enterprise Credit Information Publicity System. We remain firmly committed to our promise of compliant payments, safeguarding the legitimate rights and interests of SMEs through concrete actions.



Gathering the Power of Goodness

Shenzhen Expressway has deeply integrated the fulfilment of social responsibilities into its development strategy, with Party building guiding the direction, systems providing safeguards, and actions delivering on commitments. We focus on four key areas: rural revitalisation, health and wellness initiatives, volunteer services, and charitable donations. This has enabled us to establish a systematic, sustainable, and long-term ecosystem for public welfare practices, forming a distinctive model of social responsibility that embodies the Group's unique characteristics. In 2025, the Company's social contribution value per share was 1.51 yuan.

Rural Revitalisation through Agriculture

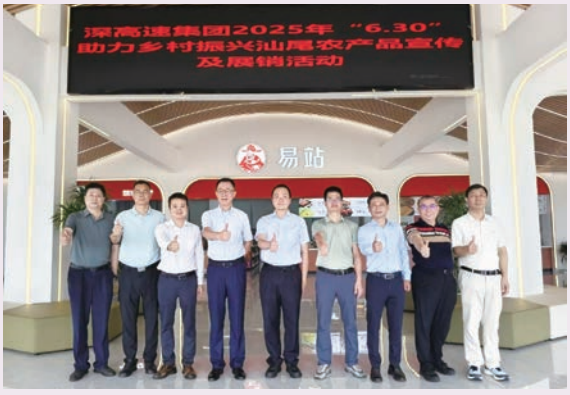
The Company has fully embraced its responsibilities as a state-owned enterprise, actively empowering rural revitalisation efforts and solidly advancing the implementation of the rural revitalisation strategy through industrial empowerment.

Case **Responding to the "Hundred, Thousand, Ten Thousand Project", Providing Targeted Assistance to Da'an Town, Lufeng, Shanwei**

The Company has actively responded to Guangdong Province's "High-Quality Development Project for Hundreds of Counties, Thousands of Towns and Tens of Thousands of Villages" strategy, deeply integrating its core state-owned enterprise operations with rural revitalisation efforts. It has provided targeted assistance to Da'an Town in Lufeng, Shanwei, focusing on enhancing village appearance, developing the Da'an garlic industrial base, and organising exhibitions and sales of agricultural and sideline products.

The Company has innovatively established a dual-track mechanism combining cadre deployment with joint Party-building initiatives. Key personnel are stationed in villages to collaborate with multiple stakeholders in developing a co-construction model for Party branches, thereby strengthening organisational safeguards for assistance efforts. Concurrently, leveraging the expressway network infrastructure, we have created "public welfare information boards" and "product exhibition platforms" to facilitate the transition of support from external aid to self-sustaining development.

From June to July 2025, the Company collaborated with Shenzhen's assistance team stationed in Da'an Town to successfully host the large-scale public welfare agricultural product promotion event "Building a Golden Highway Bridge to Boost Shanwei's Premium Goods". Through rolling advertisements on nearly 100 electronic screens at toll stations and dedicated exhibition counters set up in core service areas such as Henggang and Changzhen, the initiative concentrated on promoting 21 distinctive agricultural products from Lufeng, and Haifeng. Employing an "online traffic diversion + offline experience" model, the initiative successfully converted motorway passenger flow into consumer groups, pioneering a new pathway for Shanwei agricultural products to penetrate the Greater Bay Area market.



Public Service Announcement for Shanwei Agricultural Products

Honours

In the second round of Guangdong Province's "Model Villages under the Hundred-Thousand-Ten-Thousand Project" assessment, following evaluations at county, municipal and provincial levels, Anbei Village in Da'an Town – supported by the Company through targeted assistance – was successfully designated a provincial-level model village. It stands as one of only two administrative villages in the entire town to receive this recognition

Health and Wellness for the People

Shenzhen Expressway regards its wellness and elderly care operations as a strategic extension of its social responsibility, proactively addressing the trend of societal ageing through forward-looking planning. Adopting a "Guangdong-Hong Kong-Macao synergy" model, the Company has established a comprehensive elderly care service system centred on the Guangming Social Welfare Home as its benchmark and the "Guangming Hui" community integrated service centres as its fulcrum, covering institutional, community-based and home-based care. Through establishing 238 standardised care procedures and the "Seven Excellence" service framework, the Company has systematically enhanced safety protocols and elevated service quality. In 2025, the Company continued to deliver high-quality community-based elderly care services and achieved breakthroughs in promoting the integrated development of the Guangdong-Hong Kong-Macao Greater Bay Area.

Moreover, the Company's community integrated service centres comprehensively address residents' diverse needs, conveying warmth and care through practical actions.

In 2025:

A total of **355** public welfare service activities were conducted across six major categories: cultural entertainment, elderly care, childcare, community dining, rehabilitation therapy, and home-based services, cumulatively serving **3,239** individuals.

Guangming New Village site organised **71** public welfare activities, serving **981** individuals

Phoenix Jiulongtai Station organised **284** charitable activities for the elderly, serving **2,258** individuals

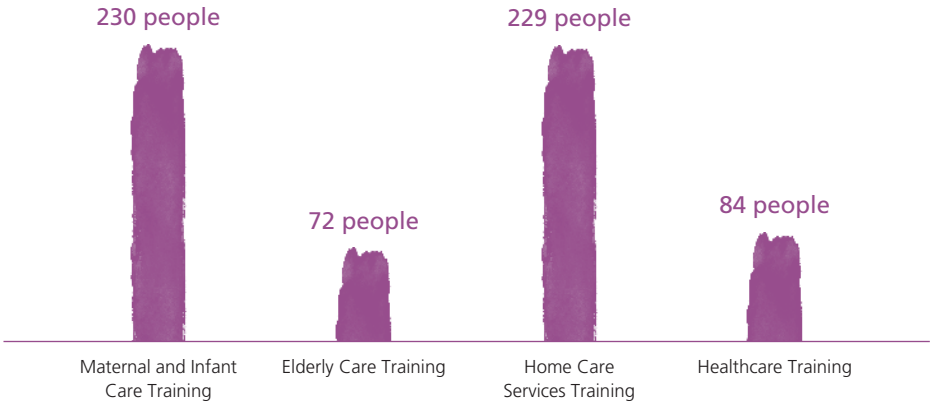
The community library holds **5,058** circulating books, which have been borrowed a total of **878** times

The community canteen provided catering services to **38,000** individuals throughout the year, including **8,558** meals served at the senior citizens' dining hall

Home-based elderly care services and domestic assistance for families affected by special circumstances under the family planning policy in Guangming Subdistrict have cumulatively reached **5,202** individuals

Guangming Hui "Southern Guangdong Domestic Services" Community Training Programme

A total of 615 individuals have been trained



Case Building a "Hong Kong-style Special Zone" to Lead the Integration of Elderly Care in the Bay Area

In 2025, the Guangming Social Welfare Home under Shenzhen Expressway was successfully selected as one of the first accredited service providers under the Hong Kong Social Welfare Department's "Guangdong Residential Care Services Scheme". Seizing this opportunity, the Company innovatively introduced a dual-track service model combining "Hong Kong standards with localised care", establishing dedicated residential floors for Hong Kong residents staffed by Cantonese-speaking teams. This provides Hong Kong seniors with a high-quality, low-cost cross-border care option featuring more spacious accommodation. Since its launch, the project has seen enthusiastic enquiries and occupancy demand. It has become a landmark demonstration case of collaborative development in the Greater Bay Area's social welfare sector, garnering widespread attention and high recognition from both Shenzhen and Hong Kong governments, as well as various sectors of society.



Launch Ceremony for the Hong Kong Residents' Section at Brightlight Social Welfare Centre

Case Deepening Community Services to Deliver Tangible Care for the Elderly and Young Children

Shenzhen Expressway's community integrated service centres are deeply embedded within community governance, precisely addressing the needs of two key demographics – the elderly and children – while delivering specialised services that tangibly respond to public concerns.

In the realm of eldercare, the centre operates a meticulously managed community canteen, providing nutritious, palatable and affordable meals to elderly residents living alone within the neighbourhood, thereby alleviating their difficulties in securing daily sustenance. In 2025, we had delivered catering services to 8,558 individuals, achieving a satisfaction rating of 97% and receiving an "Excellent" performance rating from Guangming Subdistrict.

In the realm of early childhood care, the centre proactively undertook government-sponsored micro-initiatives for public welfare, delivering services such as summer camps and temporary childcare. Throughout the year, it conducted 92 sessions, serving a cumulative total of 1,896 individuals. This effectively alleviated childcare pressures for dual-income families, demonstrating the warmth and precision with which the enterprise serves the public good.



Institutional + Community + Home-based Service System

Warm-hearted Volunteering

The Company has institutionalised, regularised and branded its volunteer services. Since establishing the Youth League Committee Volunteer Society in 2015, we have built a stable volunteer team exceeding 1,400 members, accumulating over 13,700 service hours and receiving multiple district-level commendations as an "Outstanding Volunteer Team". In 2025, the Company deepened its alignment with urban needs, providing services such as maintaining order at transport hubs for major events including the 15th National Games, while also continuing regular community initiatives like visiting the elderly. This demonstrated formidable organisational mobilisation capabilities and service effectiveness.

Since establishing the Youth League Committee Volunteer Society in 2015

we have built a stable volunteer team exceeding **1,400** members

accumulating over **13,700** service hours

Case **"Red Vest" Support National Games, Championing New Standards of Urban Civility**

In preparation for and service of the 15th National Games, Shenzhen Expressway's "Red Vest" volunteers proactively integrated into the city's service framework, becoming a vibrant symbol of Shenzhen's civic culture. During the event's preparation and hosting, volunteers not only established service points at key transport hubs like the Changzhen Parking Area, offering route guidance and emergency assistance to motorists, but also proactively patrolled city streets to enforce orderly parking of shared bicycles and electric vehicles. Since joining the Municipal Youth League Committee's "Volunteer Service for Road Traffic Improvement Initiative", volunteers have maintained a daily presence during both morning and evening rush hours for two hours each, accumulating 127 volunteer deployments and 254 service hours. Their steadfast commitment through all weathers and meticulous service have significantly enhanced urban order and traffic efficiency in key areas. This exemplifies the volunteer spirit of "dedication, friendship, mutual assistance, and progress", showcasing the sense of responsibility and commitment of Shenzhen Expressway personnel in supporting urban development.





The "Shenzhen Expressway Red" of Rush Hour

Charitable Donations

The Company upholds the principle of giving back to society, actively responding to community needs and taking proactive responsibility in emergency relief and community care, striving to be a trusted corporate citizen. In November 2025, a major fire incident occurred in Tai Po District, Hong Kong, posing a severe threat to the lives and property of local residents and plunging some into hardship. The Company closely monitored the disaster's progression, deeply empathising with the hardships faced by those affected. Immediately following the incident, it made a targeted donation of HKD 3.33 million through Hong Kong charitable organisations to assist affected compatriots in overcoming difficulties and rebuilding their lives. Moving forward, The Company will continue to refine its public welfare emergency response mechanisms, maintaining sustained investment in poverty alleviation, disaster relief, and community development. Together, we strive to foster a development environment characterised by safety, care, and shared prosperity.

In 2025

Social welfare expenditure:

RMB**3,220,736**

Appendix

Laws and Regulations

Major Laws/Regulations	Policies/Procedures Established by the Company	Compliance Measures
Highway Law of the People's Republic of China Measures for Quality Control of Highway Engineering Standard for Quality Inspection and Assessment of Highway Engineering (JTGF80/1-2004)	Specification for Engineering Quality Management Construction Safety Management Regulation Handbook of Standardised Management of Engineering Construction Manual for Prevention and Treatment of Common Quality Defects Plan for Construction Organisation and Design Code for Supervision of Expressway Engineering Project Construction Management Control Procedure Regulations for Supervision and Inspection of Engineering Construction Projects	Strict implementation of the Company's system and procedures, in the project management process, the Company to contract management as the core, through system management, access management, construction process management, standardised management and other measures to control the construction quality, in order to ensure the quality of the project, the quality management system such as equipment access management, raw material access system, owner independent sampling system, first piece engineering approval system and test piece construction system should be implemented.
Regulations on Road Administration Standard for Assessment of Highway Technical Condition (JTG H20-2007) Regulations on the Administration of Toll Roads Technical Code for Highway Maintenance (JTGH10-2009)	Technical Code and Acceptance Standard for Routine Maintenance Engineering Project Management Manual for Special Conservation Projects Implementation Measures for Maintenance and Road Production Management of New Expressways During the Liability Period for Defects Implementation Measures for Entrustment of Expressway Maintenance Projects Measures for the Administration of Expressway Maintenance Contracts Ministry of Road Maintenance Hidden Trouble Investigation and Management System	In strict accordance with the national technical specifications and evaluation standards for expressway maintenance, medium and long-term maintenance plans have been formulated for each expressway, and routine inspections and regular professional inspections have been carried out to ensure the safety of structures such as bridges and tunnels, closely monitor the technical condition of the expressway, find out the expressway diseases as early as possible and treat them.
Law of the People's Republic of China on Tendering and Bidding Regulations for the Implementation of the Law of the People's Republic of China on Bidding and Tendering Civil Code of the People's Republic of China	Procurement Management Procedures Rules Governing the Conduct of Procurement Administrative Measures on Supplier Performance Evaluation Administrative Measures for the Composition of Bid Determination Committees Administrative Measures on Bidding and Tendering of Expressway Engineering Construction Projects Measures for the Administration of Subcontracts Measures on Tendering and Bidding for Construction Projects Administrative Measures on Tendering and Bidding of Expressway Engineering Construction Supervision Management Regulation for Project Bidding Special Technical Specification for Construction Measures for the Management of the Archives of Expressway Maintenance Contractors	In accordance with the relevant regulations and regulations on qualification management and bidding management, special construction technical standards have been formulated and strictly implemented, the qualification examination of potential contractors has been carried out, and the quality of bidding documents has been strictly controlled, to conduct regular appraisals of the contractors and contractors, and establish appraisal files, so as to select qualified contractors and establish long-term cooperation with reliable partners.

Major Laws/Regulations	Policies/Procedures Established by the Company	Compliance Measures
Law of the People's Republic of China on Environment Protection Law of the People's Republic of China on the Prevention and Control of Air Pollution Law of the People's Republic of China on the Prevention and Control of Water Pollution Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste Opinions on Further Promoting the Classification of Domestic Waste Renewable Energy Law of the People's Republic of China	Administrative Measures on Ecological and Environmental Protection Administrative Measures for the Assessment of the Construction of Ecological Civilisation Third Party Monitoring and Management System Code of Practice for Deodorization Code of Practice for Wastewater Treatment Code of Operation for Desulfurization System Code for Maintenance of Pretreatment Equipment Code for Maintenance of Anaerobic Biogas Equipment Equipment Management System Production Site Management System Work Instruction for Wind Turbine Operation Data Analysis Equipment Change Management System Management System of Technological Transformation Special Project Management System Technical Supervision and Management System	In accordance with the requirements of relevant laws and regulations on environmental protection, the corresponding operation specifications and management systems have been formulated, and the environmental protection facilities and equipment have been configured and strictly managed to ensure the effective operation of environmental protection facilities and equipment. Strictly in accordance with the discharge permit requirements, environmental assessment requirements for monitoring, to ensure that the waste discharge and disposal standards. In strict accordance with the national solid waste recovery and treatment technical specifications and evaluation standards, the development of technical standards and operating procedures, the inorganic waste residue harmless landfill treatment, kitchen waste should be treated as resources to realise resource recycling, and innovative technologies and processes should be actively developed to improve the treatment effect and reduce waste generation. The use of innovative processes, new environmental protection materials, efficient equipment to optimise the allocation of resources and energy consumption.
Work Safety Law of the People's Republic of China Road Traffic Safety Law of the People's Republic of China Emergency Response Law of the People's Republic of China Law of the People's Republic of China on the Prevention and Control of Occupational Diseases	Safety and Production Management System Work Safety Responsibility Management System Safety Production Risk Mortgage System Fire Safety Management System Safety Education and Training Management System Management System of Work Safety Expenses Work Safety Management Manual of Ministry of Road Maintenance Assessment Standard for Work Safety Standardisation Emergency Management System	Strictly implement the Company's various systems and processes, refine the safety production system, formulate the implementation plan of the root cause of safety production, implement the safety risk classification control and hidden danger investigation and management, we will promote the standardisation of work safety in all business sectors, build a comprehensive and effective emergency management system, and ensure work safety.

Major Laws/Regulations	Policies/Procedures Established by the Company	Compliance Measures
Labour Law of the People's Republic of China Labour Contract Law of the People's Republic of China Regulations on the Protection of Wage Payments for Migrant Workers	Administrative Measures on Staff Recruitment Measures for the Management of New Employees Entering and Becoming Full-time Employees Remuneration Management Measures Performance Management System Measures for the Management of Staff Training Administrative Measures on Professional Titles and Qualification Examinations Measures for the Selection and Appointment of Managers Measures for the Management of Staff Position System Measures for the Administration of Employees' Competition for Posts	Safeguard the legitimate rights and interests of employees, enhance the protection of employees' rights and interests, optimise the salary and welfare system of employees, deepen the talent training system, and improve an open and fair performance appraisal and post promotion system.
Criminal Law of the People's Republic of China Anti-money Laundering Law of the People's Republic of China	Measures for Compliance Management Compliance Manual Measures for the Management of Conflict of Interest among Staff	We will implement the risk prevention and control system and working mechanism, build a closed-loop management system that integrates compliance, risk control and supervision, standardise the process of accepting and handling problem clues, and carry out integrity warning and education activities.

Key Performance Indicators (KPIs)

Indicators	Unit	2025	2024	2023
Environmental Performance				
Environmental Compliance Management				
Total investment in environmental protection	million	164.90	400.66	454.06
Total investment in environmental protection as a percentage of revenue	%	1.77	4.33	4.88
Emissions				
Exhaust gas emissions				
Nitrogen oxides (NOx)	kg	49,481	44,889	65,208
Sulphur oxides (SOx)	kg	5,872	6,895	2,380
Particulate matter (PM) [3]	kg	13,440	19,561	10,295
Volatile organic compounds (VOCs)	kg	8,764	4,277	4,205
Non-Hazardous Waste				
Non-hazardous waste [4]	tonne	425,301	165,013	159,476
Non-hazardous waste intensity	t/million revenue	45.61	17.85	17
General industrial solid waste recovered	tonne	130,370	/	/
Recyclable waste collected	tonne	239	/	/
Hazardous Waste				
Hazardous waste [5]	kg	488	12.13	5.86
Hazardous waste intensity	kg/million revenue	0.0524	0.0013	0.0006
Effluents				
Industrial effluents	tonne	1,265,059	1,282,674	1,210,953
Total industrial effluents intensity	t/million revenue	135.66	138.73	130.28
Resources Consumption [6]				
Purchased electricity	kWh	99,931,677	117,133,578	103,737,634
Petrol	litre	724,836	759,613	732,790

[3] To standardise the statistical methodology for particulate matter, retrospective adjustments have been made to the data for 2024 and 2023.

[4] The significant increase in the total volume of non-hazardous waste generated in 2025 is primarily attributable to the inclusion of newly generated kitchen waste from canteens in the statistical calculations for that year.

[5] The total volume of hazardous waste generated in 2025 will see a significant increase, primarily due to the inclusion of waste statistics from newly established Infrastructure and Environmental Protection Company. This primarily encompasses waste lead-acid batteries, waste oils, and oil-containing waste.

[6] The Company's energy usage categories include biogas (utilised for on-site power generation or boiler combustion), with retrospective adjustments made to the relevant energy consumption data for 2024 and 2023.

Indicators	Unit	2025	2024	2023
Diesel	litre	2,105,826	5,065,543	407,473
Natural gas	m^3	178,177	301,399	2,589,477
Liquefied Natural Gas	litre	124,498	/	/
Liquefied petroleum gas (LPG)	kg	203,989	235,340	123,716
Self-consumption of photovoltaic electricity	kWh	1,761,085	675,545	/
Biogas	m^3	41,430,058	33,050,453	35,665,002
Renewable energy consumption	tce	32,178	25,580	27,514
Direct energy consumption	tce	36,186	33,496	32,168
Indirect energy consumption	tce	12,282	14,396	12,749
Comprehensive energy consumption	tce	48,467	47,892	44,918
Total energy consumption intensity	tce/million revenue	5.20	5.18	4.83
total water withdrawal	tonne	1,857,333	2,328,094	1,710,269
Total intensity of water usage	t/million revenue	199.18	251.82	184
Recycled water consumption	tonne	20,125	/	/
Amount of recycled waste[7]	tonne	57,765	/	/
Greenhouse Gases (GHG) emissions				
Greenhouse gas emissions (Scope 1) [8]	tCO_2e	8,460	4,040	8,999
Greenhouse gas emissions (Scope 2) [9]	tCO_2e	53,024	62,854	59,162
Greenhouse gas emissions (Scope 3 – Business travel) [10]	tCO_2e	156	131	/
Greenhouse gas emissions (Scope 1 + Scope 2)	tCO_2e	61,483	66,894	68,161
Total GHG emissions intensity (Scope 1 and Scope 2)	tCO_2e/million revenue	6.59	7.24	7.33

7 The amount of recycled waste in 2025 refers to the total amount of grease extracted from the Company's organic waste treatment.

8 The calculation of greenhouse gas emissions employs the operational control method; Scope 1 greenhouse gas emission calculation factors reference the *General Rules for Comprehensive Energy Consumption Calculation (GB/T 2589-2020),* the *2006 IPCC National Greenhouse Gas Inventory Guidelines,* and the *Environmental Key Performance Indicators Reporting Guidelines* issued by the Hong Kong Stock Exchange on 28 May 2021. Carbon dioxide equivalent emissions are calculated based on global warming potential (GWP) values.

9 Scope 2 greenhouse gas emissions are calculated using a location-based methodology. The electricity emission factor employed for Scope 2 calculations references the national electricity carbon dioxide emission factor published by the Ministry of Ecology and Environment of China.

10 Scope 3 greenhouse gas emission calculation factors refer to Shenzhen Local Standard *DB4403/T 369 – 2023 Guidelines for Greenhouse Gas Emission Accounting and Reporting for Large-Scale Events* and the UK Government's *Guidance on Greenhouse Gas Conversion Factors for Company Reporting* published in 2024 by the Department for Energy Security and Net Zero.

Indicators	Unit	2025	2024	2023
		Social Performance		
Employment				
Employees	person	6,955	7,254	7,062
New employees recruited in 2025	person	1,016	1,366	1,356
Employees – By Type of Employment				
Full-time employees	person	6,955	7,254	7,062
Part-time employees	person	0	0	0
Employees – By Gender				
Number of male employees	person	4,202	4,431	4,358
Number of female employees	person	2,753	2,823	2,704
Employees – By Age				
30 years old or below	person	3,867	4,291	4,160
31-40 years old	person	1,521	1,507	1,519
41-50 years old	person	1,044	1,019	983
50 years old or above	person	523	437	400
Employees – By educational background				
Master degree and above	person	316	332	339
Bachelor degree	person	1,516	1,430	1,301
College degree	person	1,850	1,851	1,425
Below college degree	person	3,273	3,641	3,997
Employees – By Job Function				
Management and specialised technical staff	person	1,994	1,935	2,223
Front-line staff	person	4,961	5,319	4,839

Indicators	Unit	2025	2024	2023
Employees – By Region				
Mainland China	person	6,944	7,240	7,045
Hong Kong, Macau and Taiwan regions of China	person	11	14	15
Other region	person	0	0	2
Minority employees	person	341	/	/
Total employee turnover rate				
Turnover rate	%	18.8	18.4	17.6
Employee Turnover Rate – By Gender				
Male	%	20.5	17.7	17.8
Female	%	17.6	19.5	17.3
Employee turnover rate – by age				
30 years old or below	%	29.7	27.6	26.0
31-40 years old	%	6.5	5.9	6.3
41-50 years old	%	3.3	3.1	4.5
50 years old or above	%	4.8	3.4	5.3
Employee Turnover Rate – By Region				
Mainland China	%	18.8	18.2	17.1
Hong Kong, Macau and Taiwan regions of China	%	9.1	7.1	23.5
Other regions	%	0	0	0

Indicators	Unit	2025	2024	2023
Employee Training and Development				
Training Performance				
Trained employees	person	6,877	/	/
Employee training coverage	%	99	/	/
Total number of employee training	visits	21,815	21,428	28,409
Total training hours	hour	267,239	276,865	6,553
Average training hours	hour	38.42	38.17	0.93
Total training input	yuan	3,340,645	2,254,820	2,145,025
Training Performance – By Gender				
Male	person	4,240	/	/
Female	person	2,637	/	/
Proportion of male employees trained	%	62	/	/
Proportion of female employees trained	%	38	/	/
Average training hours for male employees	hour	39.81	/	/
Average training hours for female employees	hour	37.33	/	/
Training Performance – By Function				
Management and specialised technical staff	person	1,872	/	/
Front-line staff	person	5,005	/	/
Proportion of management and specialised technical staff trained	%	27	/	/
Proportion of front-line staff trained	%	73	/	/
Average training hours for management and specialised technical staff	hour	35.06	/	/
Average training hours for frontline staff	hour	40.28	/	/
Employee Care				
Total investment in employee care [11]	yuan	7,539,119	/	/

[11] The total expenditure on employee welfare encompasses funds allocated for staff activities and the disbursement of condolence payments, in addition to statutory remuneration and benefits provided to employees.

Indicators	Unit	2025	2024	2023
Supply Chain Management				
Suppliers	number of suppliers	2,693	2,833	2,745
Suppliers in China	number of suppliers	2,687	/	/
Suppliers in other regions (including Hong Kong, Macau and Taiwan)	number of suppliers	6	/	/
Supplier integrity agreement signing rate	%	100	100	100
Safe production				
Safety incidents	case	0	1	1
Major and above incidents	case	0	0	0
Conduct various emergency drills	times	658	582	442
Regular and irregular safety inspections	times	4,184	5,194	4,574
Hidden checks	item	8,324	12,263	10,625
Hidden hazard rectification rate	%	100	100	100
Safety training sessions	times	1,746	1,961	2,065
Safety training	visits	64,682	71,952	69,506
Safety training time	hour	1,746	1,952	2,065
Amount invested in work safety	million	48.37	13.94	40.83
Occupational Health				
Work-related injuries	person	0	0	0
Injury rate	%	0	0	0
Working days lost due to work-related injuries	day	0	1,174	174
Injury rate per million working hours	%	0	0	0
Employee work injury insurance coverage rate	%	0	0	0
Work-related fatalities	person	0	0	0
Proportion of work-related fatalities	%	0	0	0
Occupational diseases	person	0	0	0
Occupational disease incidence	%	0	0	0

Indicators	Unit	2025	2024	2023
Quality service				
Complaints filed in expressway business	case	11,652	8,876	5,925
Complaint handling rate	%	100	100	100
Customer satisfaction index [12]	point	88.8	88.6	95.8
Innovation-Driven				
IPR infringement or being infringed	case	0	0	0
Valid patents	item	95	277	318
Newly granted patents	item	15	18	17
Software copyrights	item	41	32	24
Rural Revitalisation				
Amount invested in rural revitalization	yuan	2,964,610	2,840,000	6,330,014
Number of people benefited from rural revitalisation [13]	person	64,606	2,278	2,278
Community Contribution				
Social welfare investment	yuan	3,220,736	/	3,600,000
Volunteer participation	visits	1,346	1,700	725
Hours of volunteer activities	hour	2,807	3,811	1,450

[12] Customer satisfaction index is based on expressway operational data.

[13] The number of beneficiaries of the rural revitalisation initiative in 2025 corresponds to the resident population of Da'an Town, Lufeng District, Shanwei City, which the Company has been assisting through targeted poverty alleviation efforts.

Indicators	Unit	2025	2024	2023
Governance Performance				
Anti-Unfair Competition				
Amount involved in lawsuits or major administrative sanctions due to unfair competition behaviors of the Company	million	0	0	0
Anti-Corruption				
Directors covered by anti-bribery and anti-corruption training	person	4	3	3
Proportion of directors covered by anti-bribery and anti-corruption training	%	36.40	30	30
Senior executives covered by anti-corruption training	person	11	11	14
Proportion of senior executives covered by anti-corruption training	%	100	100	100
Employees covered by anti-corruption training	person	6,955	7,254	7,062
Proportion of employees covered by anticorruption training	%	100	100	100
Total hours of employees participating in anti-corruption training	hour	13,910	14,508	14,124
Total hours of directors participating in anti-corruption training	hour	8	6	6
Total hours of senior executives participating in anti-corruption training	hour	22	16	7
Closed corruption litigation cases	case	0	0	0

Report Disclosure Index

Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies – Sustainability Report (Trial)

Dimension	No.	Issues	Chapter
Environmental	1	Addressing Climate Change	Addressing Climate Change
	2	Pollutant Emissions	Promoting Green Operations
	3	Waste Disposal	Promoting Green Operations
	4	Ecosystem and Biodiversity Conservation	Promoting Green Operations
	5	Environmental Compliance Management	Enhancing Environmental Management
	6	Energy Utilisation	Promoting Green Operations
	7	Water Resource Utilisation	Promoting Green Operations
	8	Circular Economy	Promoting Green Operations
Social	9	Rural Revitalisation	Gathering the Power of Goodness
	10	Social Contribution	Gathering the Power of Goodness
	11	Innovation Driven	Innovation Drives Development
	12	Technology Ethics	Innovation Drives Development
	13	Supply Chain Security	Joining Hands with Partners for Mutual Prosperity
	14	Equal Treatment of SMEs	Joining Hands with Partners for Mutual Prosperity
	15	Product and Service Safety and Quality	Crafting Quality Engineering Deepen Service Quality
	16	Data Security and Customer Privacy Protection	Uphold Information Security
	17	Employees	Employee Responsibility: Deep Cultivation, Nurturing Mutual Growth Strictly Abide by Production Safety
Sustainability-Related Governance	18	Due Diligence	Deepen Responsible Governance
	19	Stakeholder Communication	Deepen Responsible Governance
	20	Anti-Commercial Bribery and Anti-Corruption	Fortify Intergrity and Professional Ethics
	21	Anti-Unfair Competition	Fortify Intergrity and Professional Ethics

Appendix C2 "Environmental, Social and Governance Reporting Code" of the Main Board Listing Rules of the Hong Kong Stock Exchange

Part C: "Failure to comply or interpretation" provision

Level		Description	Chapter
A Environmental			
Aspect A1: Emissions	General Disclosure	Policies relating to emissions, discharges to water and land, generation of hazardous and non-hazardous waste; and information on compliance with relevant laws and regulations that have a significant impact on the issuer.	Promoting Green Operations
	A1.1	The types of emissions and respective emission data.	Key Performance Indicators (KPIs)
	A1.3	Total hazardous waste produced (in tonnes) and (where appropriate), intensity (e.g. per unit of production volume, per facility)	Key Performance Indicators (KPIs)
	A1.4	Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Key Performance Indicators (KPIs)
	A1.5	Description of emissions target(s) set and steps taken to achieve them.	Promoting Green Operations
	A1.6	Description of how hazardous and non-hazardous wastes are handled, and a description of reduction target(s) set and steps taken to achieve them.	Promoting Green Operations
Aspect A2: Resource use	General Disclosure	Policies on the efficient use of resources including energy, water and other raw materials.	Promoting Green Operations
	A2.1	Direct and/or indirect energy consumption by type (e.g. electricity, gas or oil) in total (kWh in '000s) and intensity (e.g. per unit of production volume, per facility)	Promoting Green Operations
	A2.2	Total water consumption and intensity (e.g. per unit of production volume, per facility).	Promoting Green Operations
	A2.3	Description of energy use efficiency target(s) set and steps taken to achieve them.	Promoting Green Operations
	A2.4	Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency target(s) set and steps taken to achieve them.	Promoting Green Operations
	A2.5	Total packaging material used for finished products (in tonnes) and, if applicable), with reference to per unit produced.	Business Type N/A

Level		Description	Chapter
Aspect A3: Environment and Natural Resources	General Disclosure	Policies on minimising the issuer's significant impacts on the environment and natural resources.	Promoting Green Operations
	A3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them.	Promoting Green Operations
B Social			
Aspect B1: Employment	General Disclosure	Policies on remuneration and dismissal, recruitment and promotion, working hours, holidays, equal opportunities, diversity, anti-discrimination and other treatment and benefits; and information on compliance with relevant laws and regulations that have a significant impact on the issuer.	Protecting the Rights and Interests of Employees
	B1.1	Total workforce by gender, employment type (for example, full – or part-time), age group and region.	Protecting the Rights and Interests of Employees
	B1.2	Employee turnover rate by gender, age group and geographical region.	Key Performance Indicators (KPIs)
Aspect B2: Health and Safety	General Disclosure	Policies relating to the provision of a safe working environment and the protection of employees against occupational hazards; and information on compliance with relevant laws and regulations that have a significant impact on the issuer.	Escort Occupational Health
	B2.1	Number and rate of work-related fatalities occurred in each of the past three years including the reporting year.	Key Performance Indicators (KPIs)
	B2.2	Lost days due to work injury.	Key Performance Indicators (KPIs)
	B2.3	Description of occupational health and safety measures adopted, how they are implemented and monitored.	Escort Occupational Health
Aspect B3: Development and Training	General Disclosure	Policies on improving employees' knowledge and skills for discharging duties at work. Description of training activities.	Empowering Talent Development
	B3.1	The percentage of employees trained by gender and employee category (e.g. senior management, middle management).	Key Performance Indicators (KPIs)
	B3.2	The average training hours completed per employee by gender and employee category.	Key Performance Indicators (KPIs)

Level		Description	Chapter
Aspect B4: Labour Standards	General Disclosure	Policies relating to the prevention of child labour or forced labour; and information on compliance with relevant laws and regulations that have a significant impact on the issuer.	Protecting the Rights and Interests of Employees
	B4.1	Description of measures to review employment practices to avoid child and forced labour.	Protecting the Rights and Interests of Employees
	B4.2	Description of steps taken to eliminate such practices when discovered.	Protecting the Rights and Interests of Employees
Aspect B5: Supply Chain Management	General Disclosure	Policies on managing environmental and social risks of the supply chain.	Joining Hands with Partners for Mutual Prosperity
	B5.1	Number of suppliers by geographical region..	Key Performance Indicators (KPIs)
	B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, how they are implemented and monitored.	Joining Hands with Partners for Mutual Prosperity
	B5.3	Description of practices used to identify environmental and social risks along the supply chain, and how they are implemented and monitored.	Joining Hands with Partners for Mutual Prosperity
	B5.4	Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored.	Business Type N/A
Aspect B6: Product Responsibility	General Disclosure	Policies on health and safety, advertising, labelling and privacy matters and remedies for the products and services offered; and information on compliance with relevant laws and regulations that have a significant impact on the issuer.	Deepen Service Quality
	B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.	Business Type N/A
	B6.2	Number of products and service related complaints received and how they are dealt with.	Deepen Service Quality
	B6.3	Description of practices relating to observing and protecting intellectual property rights.	Innovation Drives Development
	B6.4	Description of quality assurance process and recall procedures.	Business Type N/A
	B6.5	Description of consumer data protection and privacy policies, and how they are implemented and monitored.	Deepen Service Quality

Level		Description	Chapter
Aspect B7: Anti-corruption	General Disclosure	Information about policies to prevent bribery, extortion, fraud and money laundering; and compliance with relevant laws and regulations that have a significant impact on the issuer.	Fortify Integrity and Professional Ethics
	B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases.	Key Performance Indicators (KPIs)
	B7.2	Description of preventive measures and whistle-blowing procedures, how they are implemented and monitored	Fortify Integrity and Professional Ethics
	B7.3	Description of anti-corruption training provided to directors and staff.	Fortify Integrity and Professional Ethics
Aspect B8: Community Investment	General Disclosure	Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take into consideration the communities' interests.	Gathering the Power of Goodness
	B8.1	Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture, sport).	Gathering the Power of Goodness
	B8.2	Resources contributed (e.g. money or time) to the focus area.	Key Performance Indicators (KPIs)

Part D: Index to "Climate-Related Disclosures"

Climate-Related Disclosures		Chapter
Governance		Addressing Climate Change – Governance
Strategy	Climate-related risks and opportunities	Addressing Climate Change – Strategy
	Business models and value chains	Addressing Climate Change – Strategy
	Strategy and Decision Making	Addressing Climate Change – Strategy
	Financial position, financial performance and cash flows	Addressing Climate Change – Strategy
	Climate resilience	Addressing Climate Change – Strategy
Risk Management		Addressing Climate Change – Impact, Risk and Opportunity Management
Indicators and Targets	Greenhouse gas emissions	Addressing Climate Change – Indicators and Targets
	Climate-related transition risks	Addressing Climate Change – Strategy
	Climate-related physical risks	Addressing Climate Change – Strategy
	Climate-related opportunities	Addressing Climate Change – Strategy
	Capital deployment	Addressing Climate Change – Strategy
	Internal carbon pricing	Carbon pricing not yet applied
	Remunerations	Deepen Responsible Governance
	Discussion on the process for assessing and managing environmental risks associated with project design, siting and construction	Promoting Green Operations
	Climate-related targets	Addressing Climate Change – Indicators and Targets

Survey

Dear Reader:

Thank you very much for reading the *Shenzhen Expressway Corporation Limited 2025 Environmental, Social and Governance Report*. We hope you evaluate this report and provide us your valuable feedback, your comments and suggestions are the important basis to help us make continuous improvements to the report. Please fill in the survey form below and send us your feedback via ir@sz-expressway.com.

Shenzhen Expressway Corporation Limited 2025 Environmental, Social and Governance Report Feedback Form

Name _____ Occupation _____

Tel _____ Email _____

1. What is your overall evaluation of this report?

☐ Excellent ☐ Good ☐ Average ☐ poor ☐ Very poor

2. What do you think about the accuracy, completeness, timeliness and clarity of the information disclosed in this report?

☐ Excellent ☐ Good ☐ Average ☐ poor ☐ Very poor

3. Do you find the organisation and style of this report easy to read?

☐ Excellent ☐ Good ☐ Average ☐ poor ☐ Very poor

4. What material issues are you interested in?

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5. What need-to-know information do you think is not disclosed in the report?

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6. Do you have any other comments on the environmental, social and governance aspects of Shenzhen Expressway?

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