



广汽集团
GAC GROUP

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CRAFTED BY THE DRIVEN



2024

**Environmental, Social
and Governance Report**
Guangzhou Automobile Group Co., Ltd.

广汽爱随行



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Message from the Management

Dear friends,

In the past year of 2024, driven by demand and supported by coordinated policies, the automotive industry has shown steady progress. However, the international environment changed rapidly, and the industry's competition has become increasingly intense and extreme. In the face of growing difficulties and challenges, GAC Group has navigated through the storm, remained focused, and responded calmly. We take serving the national strategy as our mission, innovation as our oar, value creation as our helm, green development as our foundation, and collaboration and win-win as our bridge. We continue to write new legends for China's automotive industry, inject strong momentum into the development of new quality productive forces, and contribute powerful energy to advancing Chinese modernisation.



GAC Group
Chairman and President

Pioneer in Innovation and Cultivation of New Drivers of Growth

Innovation is the primary driving force for development. GAC Group adheres to the quality philosophy of "Crafted by the Driven", focusing on both domestic and international markets. We emphasise key core technology innovation and industrial application in C.A.S.E. (Connected, Autonomous, Shared, and Electric), deepen efforts in product quality and safety, and build an independent and controllable industrial chain. Our goal is to drive the formation of an intelligent connected new energy vehicle (NEV) industry cluster, fully promote the integrated operation of our proprietary brands, and continue to transform the industry towards new energy and intelligent connectivity with quality products. During the Reporting Period, GAC Group achieved remarkable results in independent technological R&D, brand influence, and more, with the production and sales volumes hitting 1,917,000 and 2,003,000 vehicles in 2024, stabilising its position in the top tier of domestic automakers.

GAC Group has built the world's first vehicle wind tunnel laboratory integrating aerodynamics, aeroacoustics, and thermodynamics. The Group also independently developed the world's first hydrogen hybrid vehicle, which has begun its demonstration operation. In 2024, GAC Group increased its R&D investment by RMB 7.508 billion, accounting for approximately 6.97% of consolidated total revenue. The

Group continued to deepen its focus on C.A.S.E. and achieved key breakthroughs in the mass production of proprietary core parts and components, such as the Inpow's Battery and Rapow's Electric Drive. Significant progress was also made in the development of all-solid-state lithium batteries, reaching critical milestones for mass production. The Group launched four high-end intelligent driving NEV models and led the way in bringing advanced autonomous driving and large model technologies to vehicles in the price level of RMB 150,000. GAC Group also unveiled the new flying car brand GOVY and the third-generation humanoid robot GoMate.

Focusing on a dual-core development strategy of "Intelligent + Hybrid/Electric" (ICV+XEV/EV), GAC Group released the three-year "Panyu Action", continuing to refine its product planning for proprietary brands and steadily advancing the integrated operation of these brands. GAC Motor's first mass-produced model, GAC Motor S7, based on the EV+ new energy platform, is equipped with a self-developed L2++ end-to-end map-free intelligent driving system, an AI intelligent cockpit, and an intelligent four-wheel-drive system, showcasing the Company's innovative strength. AION launched AION UT, the first vehicle under the "Panyu Action" initiative. Meanwhile, GAC HYPTEC launched its first luxury intelligent flagship SUV, HYPTEC HL, which received the first-ever A+ level AI intelligent

cockpit certification from CAERI Testing and Certification (Chongqing) Co., Ltd. (CAERI).

Intelligent Connection for Green and Green Empowerment for a New Ecosystem

GAC Group, with a deep commitment to the "greater good of the nation", actively responds to climate change and implements the "carbon peaking and carbon neutrality" initiatives to build a beautiful China. Based on GAC Group's "14th Five-Year" Social Responsibility (ESG) Development Plan and the "GLASS Plan", GAC Group has continuously advanced its carbon peaking and carbon neutrality strategy through the "1237 Development Plan" to reduce carbon emissions and combat climate change. The goal is to achieve carbon neutrality across the entire product lifecycle by 2050 (with the challenge of achieving this by 2045). GAC Group has established a carbon emission accounting system for its operations and is actively working to implement zero-carbon plant construction in all its vehicle manufacturing plants, aiming to foster a harmonious development of the industrial ecosystem and the natural environment. In March 2024, CATL GAC received the PAS 2060 Carbon Neutrality Certification, successfully joining the ranks of zero-carbon plants. In December, GAC Honda's new energy plant in Guangzhou Economic and Technological Development Zone obtained carbon-neutral certification, achieving "Zero Carbon on SOP."

GAC Group continues to refine and enhance its green technology innovation capabilities, increasing its investment in NEV R&D. Focusing on key areas such as high-efficiency engine technology, clean fuel design and combustion control, fuel cells and hydrogen storage technology, and carbon-neutral fuel power systems, GAC Group has made significant breakthroughs, opening new pathways for zero-carbon technology in NEVs and driving the automotive use process towards "zero carbon" and even "negative emissions" goals. Through technological innovation, GAC Group is empowering the creation of a new green ecosystem.

GAC Group integrates green and low-carbon principles into the entire lifecycle of its products, continuously promoting the development of electrification technologies and clean energy applications. The Group is actively investing in hybrid, pure electric, hydrogen fuel, and other diverse power technologies to improve vehicle energy efficiency, reduce carbon emissions, and explore new pathways for intelligent connection for green mobility.

GAC Group places high importance on energy-saving and carbon-reducing management throughout its operations, continually strengthening its efforts to protect ecosystems and biodiversity. The Group is also improving its environmental risk identification and assessment systems, striving to minimise and avoid negative impacts on the ecological environment. From 2023 to 2026, GAC Group plans to donate RMB 9 million to support outdoor species research, grassland restoration, and nature education volunteer services in the Sanjiangyuan National Park. This

initiative aims to increase vegetation coverage, reduce soil erosion, enhance water conservation capacity, and improve the ecological environment of grasslands, whilst also providing a high-quality protection system and ecological environment for wildlife habitats and reproduction.

Internal and External Collaboration to Advancing a New Path

GAC Group has always adhered to the development philosophy of open cooperation, steadily advancing along the "1551" Internationalisation Strategy. By leveraging the "siphon effect" of industrial chain development, the Group is collaboratively building new high-end intelligent NEV brands and accelerating the expansion of overseas markets to broaden its brand footprint.

GAC Group's collaborative overseas expansion system has taken initial shape, establishing a "Five Places Across Three Countries" global R&D network platform with the GAC R&D Centre at its core, supported by R&D centres in Los Angeles and Milan, GAC Advanced Design Shanghai, and ICV Xiamen. This platform brings together elites from both domestic and international markets, gathering global partners to build a high-quality development path. The completion and mass production of the Group's first overseas CKD plant marks a strategic shift for GAC Group from "complete vehicle exports" to a balanced focus on both "complete vehicle exports and local production." In 2024, GAC Group achieved exports of 127,000 vehicles, a 67.6% increase compared to the previous year, with 106,000 vehicles from its proprietary brands, marking a 92.3% year-on-year growth. The Group's business now

covers 74 countries and regions globally, with nearly 500 overseas sales outlets established, demonstrating a strong momentum in international business development.

GAC Group continues to deepen strategic collaboration with industry-leading technology companies by building an innovation chain that spans "technology R&D-achievement transformation-industrial application." Together, the Group explore frontier fields such as new energy, lightweight, intelligence and ride-sharing, driving the coordinated development and stable prosperity of the industrial chain. The Group's partnerships with strategic partners such as Huawei and Tencent continue to strengthen, and its industrial network is expanding.

Though the dream may seem distant, it is achievable through relentless pursuit; though the goal may be difficult, it is attainable through perseverance. 2025 marks the final year of the "14th Five-Year Plan" and a pivotal year for the implementation of GAC Group's three-year "Panyu Action." GAC Group will continue to steadily advance the three key tasks of "stabilising joint ventures, fortifying independence, and expanding the ecosystem," and make full use of the three key measures of "transformation, revolution and reconstruction." With the determination and courage of a second startup, GAC Group will strive for excellence, pursue practical results, advance steadily, and promote progress for stability following the path set out in the "Panyu Action". The Group will coordinate efforts to achieve long-term, sustainable, high-quality development, and safeguard the realisation of the "carbon peaking and carbon neutrality" goals and the construction of Chinese modernisation.

In 2024, GAC Group achieved a production and sales volume of **1.917** million and **2.003** million vehicles, stabilising its position in the **top** tier of domestic automakers.

GAC Group has built the world's **first** vehicle wind tunnel laboratory integrating aerodynamics, aeroacoustics, and thermodynamics. The world's **first** hydrogen hybrid vehicle independently developed by the Group has begun its demonstration operation.

In 2024, GAC Group increased its R&D investment by **RMB 7,508** million, accounting for approximately **6.97** % of the consolidated total revenue.

About GAC

i. Group Profile

Guangzhou Automobile Group Co., Ltd. was established in June 1997 and is headquartered in Guangzhou. It is a large state-owned joint-stock enterprise listed on both Hong Kong and Shanghai stock exchanges. The Group employs approximately 100,000 people and drives the employment of nearly 800,000 individuals across its upstream and downstream industry chains. GAC Group has been listed on the *Fortune Global 500* for 12 consecutive years, ranking 181st on the 2024 list.

GAC Group's main business covers seven major sectors: research and development, vehicles, parts and components,

trade and mobility, energy and ecology, internationalisation, and investment and finance. At Auto Guangzhou 2024, GAC Group officially launched its three-year "Panyu Action". On the basis of maintaining its industry-leading position in quality, safety and customer satisfaction, the Group aims to re-create the "New GAC" in the new era through the four major reform initiatives of "Lead by Brands", "Product is the Key", "Leading Technologies", and "International Market Development".

Looking to the future, GAC Group has outlined its development goals and mission for the new phase. By 2030, GAC Group will implement the strategic blueprint of the "1578

Development Outlines of Trillion GAC," aiming to achieve annual revenue exceeding RMB 1 trillion and become a world-class technology enterprise in the field of intelligent NEVs.

GAC Group will continue to uphold its corporate philosophy of "Humanity, Credibility, Creativity" and its brand core of "Perfection · Ambition". The Group is committed to building a world-class company that wins customers' trust, ensures staff's well-being, meets social expectations, and keeps creating value for a better mobile life for human beings.



ii. Values System

Corporate Vision

» We are committed to building a world-class company which wins customers' trust, ensures staff's well-being, meets social expectation, and keeps creating value for a better mobile life of human beings.

GAC Group consistently prioritises customer-oriented approaches and wins trust by catering to the needs of customers with superior products and excellent services. GAC Group cares about the staff by fostering an atmosphere of equality and mutual respect, providing them with opportunities and platforms for self-fulfilment to strengthen their sense of gain and happiness. We actively undertake social responsibilities to ensure the harmonious development of the Group, community, and nature, spreading positive energy and meeting social expectations. GAC Group's goal is to become a world-class company featuring excellent products, outstanding brands, leading innovation, and modern governance. We continuously innovate to create value and enhance people's experience of a better and richer mobile life.

Operation Principles

» Respect Humanity and Advocate Communication

We respect individual differences and respect different voices. We advocate perspective-taking and treat everyone equally. We value mutual communication and improve its mechanism to ensure timely and effective feedback.

» Sincere Cooperation and Open Sharing

We conduct internal and external cooperation on the basis of integrity and commitment. We value inclusiveness and openness, share resources and benefits to achieve a win-win situation and complement each other's advantages.

» Innovation Driven and Pragmatic Efficiency

Innovation is the driving force of development--we dare to challenge and explore. Practice makes perfect--we keep learning to maintain flexibility and improve efficiency.

Corporate Values

» Humanity

We put staff, customers, shareholders, cooperation partners and the public first. We care for staff's development, devote to meeting customers' needs, bring reasonable returns to shareholders, share profits with cooperation partners, and benefit the public.

» Credibility

With integrity, we gain recognition from customers and all walks of life. With trust, we strengthen seamless cooperation among the staff, the company and partners for common good and development.

» Creativity

Taking innovation as the primary driving force for development, we are committed to continuous improvement and breakthrough. Encouraging creativity, we are devoted to creating products for customers, building platforms for the staff, earning wealth for shareholders and bringing value to society.

Responsibility Slogan

» Love Follows GAC

Tackle challenges together and actively perform social responsibility with original aspiration;
Love unbounded and care about society and continue to promote the well-being of people;
Persist in moving forward to lead a happy life with smooth mobility.

Cultural Slogan

» Creativity Defines Our Future

With the lofty ideal and long-term planning, we aim to build a bright future for the common good.

Brand Value System

Perfection · Ambition

We will keep offering perfect automobile products to consumers by sticking to the brand core of perfection and ambition.

Elaboration

This is a positive attitude of always trying to be better, keeping challenging higher goals, and surpassing competitors and ourselves, and enjoying this.

Harmony

We are tolerant, and recognize and equally treat partners, customers, employees, etc. of different countries, ethnic groups, races and classes. Employees can also respect each other's differences, identify with each other, and establish good cooperation and trust.

Brand Core

Exquisiteness

This is our constant pursuit for perfect quality. We set high standards and practice a perfection-pursuing culture.

Breadth

Our employees have a global vision. We have established an international system for business operations, management and behavior, and a code of standard, and are also responsible for the environment of the planet on which we live.

Wonderfulness

This is our commitment to a better life, and what we ultimately work for. We measure our success with feelings of people (our customers and employees).

Contribution

We are clear about our social position and responsibility, and would do everything in a responsible manner despite of difficulties to create a good business ecology.

Being True to the Original Mind and Pursuing Excellence

The future is shaped by ingenuity and geniuses. For people who value product quality most, this is an important task requiring constant innovation by following user needs closely. GAC has been making high-quality automobile products with craftsmanship, maintaining a keen insight into consumer needs, and contributing to greater mobility, industry progress and social development through innovation and lean production.

In the future, GAC will keep developing higher-quality automobile products and customized mobility solutions based on user needs to create better mobility experiences.

Brand Vision

Mobility Value Creator

We will make high-quality automobile products with our longstanding craftsmanship, discover new opportunities quickly with a keen insight into consumers and markets, and contribute to greater mobility, industry progress and social development.

Brand Positioning

We create value for our consumers, employees, partners and investors, the industry and the general public ingeniously and wholeheartedly.

Brand Proposition

Crafted by the Driven

Insisting on the brand slogan "Crafted by the Driven", GAC Group has constantly upheld the unremitting pursuit of superexcellent quality for many years and makes every effort to provide customers with excellent automobile products and services. With grand layout and far-reaching ambition, GAC Group remains true to its original aspiration and continues to provide consumers, clients and the entire industry with more innovative value..

Brand Slogan

iii. Investment Framework

An All-in-one Car Manufacturer

GAC Group's investment structure covers seven major sectors: research and development, vehicles, parts and components, trade and mobility, energy and ecology, internationalisation, and investment and finance.

R&D



Vehicle



Parts and components



Trade and mobility



Energy and ecology



Internationalization



Investment and finance




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Others










iv. Honours and Social Responsibilities

Award Recipient	Award	Awarding Organisation
	<ul style="list-style-type: none"> The project "Innovative Application of User Demand-Driven Large-Scale Customised Intelligent Manufacturing in the Automotive Industry" was included in the first batch of next-generation information technology cases by the Ministry of Industry and Information Technology's Next-Generation Information Technology Cases 	» Ministry of Industry and Information Technology of the People's Republic of China
	<ul style="list-style-type: none"> <i>Fortune</i> China 2024 ESG Influence List 	» <i>Fortune China Website</i>
	<ul style="list-style-type: none"> Gold Cup in the 2023 Guangzhou 6.30 Campaign for Rural Revitalisation Jinsui Cup 	» Guangzhou Municipality Leading Group for Poverty Alleviation and Development
	<ul style="list-style-type: none"> Gold Cup of the 2023 "Guangdong Kapok Cup for Poverty Relief" 	» Guangdong Provincial Leading Group for Poverty Alleviation and Development
	<ul style="list-style-type: none"> The "Key Technologies and Applications of the High-Efficiency Two-Mode Series-Parallel Hybrid Powertrain System for New Energy Vehicles" won the Second Prize in the 2024 China Society of Automotive Engineers Science and Technology Award 	» China Society of Automotive Engineers
	<ul style="list-style-type: none"> The "Deep Learning-Based In-Car Voice Interaction System" won the Second Prize in the 2024 China Society of Automotive Engineers Science and Technology Award 	» China Society of Automotive Engineers
	<ul style="list-style-type: none"> The "Development and Application of Key Autonomous Driving Technologies for Autonomous Parking in Complex Scenarios" won the Third Prize in the 2024 China Society of Automotive Engineers Science and Technology Award 	» China Society of Automotive Engineers
	<ul style="list-style-type: none"> The "Key Control Technologies for Efficient Low Emissions of Hybrid Powertrain Engines and Their Industrialisation" won the Second Prize in the 2024 China Association of Automation Science and Technology Award 	» China Association of Automation
	<ul style="list-style-type: none"> The "Key Technologies and Applications of Electric Drive Motors for New Energy Vehicles" won the Second Prize in the 2024 China Electrotechnical Society Science and Technology Award 	» China Electrotechnical Society
	<ul style="list-style-type: none"> The "Key Technologies and Applications of NVH for High-Noise and Vibration Quality in Hybrid Vehicles" won the Second Prize in the 2024 Chinese Mechanical Engineering Society Mechanical Industry Science and Technology Award 	» China Machinery Industry Federation/Chinese Mechanical Engineering Society
	<ul style="list-style-type: none"> Top 100 ESG Pioneer Listed Chinese Companies 	» China Media Group (Financial and Economic Programme Centre)
	<ul style="list-style-type: none"> Included on the "China ESG Listed Companies Social Value Management – 30 Pioneers Index" List 	» China Media Group (Financial and Economic Programme Centre)
	<ul style="list-style-type: none"> Tianma Award for Investor Relations Management of Chinese Listed Companies 	» <i>Securities Times</i>
	<ul style="list-style-type: none"> Tianma Award for Investor Relations Management of Companies Listed in Hong Kong 	» <i>Securities Times</i>

Award Recipient	Award	Awarding Organisation
	<ul style="list-style-type: none"> The "Improving Workers' Quality of Life - Pilot Unit of the ACFTU" title awarded by the All-China Federation of Trade Unions 	» All-China Federation of Trade Unions
	<ul style="list-style-type: none"> "Outstanding Exhibit Unit" at the China International Industrial Design Expo 	» Organising Committee of the China International Industrial Design Expo
	<ul style="list-style-type: none"> The "Development of a Rear Window Airbag to Protect the Safety of Third-Row Passengers" won the First Prize at the QC Achievement Presentation Conference 	» China Machine Building Quality Management Association
	<ul style="list-style-type: none"> The "Research and Application of Rapid Response to Cockpit Market Quality Issues Based on Digitalisation and Automation" won the Gold Award at the 3rd National Mechanical Industry Product Quality Innovation Competition 	» China Machinery Industry Federation
	<ul style="list-style-type: none"> The "Development and Application of Key Technologies for the High-Performance Carbon-Ceramic Brake System of Electric Supercars" won the Excellence Award at the 3rd National Mechanical Industry Product Quality Innovation Competition 	» China Machinery Industry Federation
	<ul style="list-style-type: none"> Top Graduate Employer Brands China -- 2025 Outstanding Employer 	» 51Job
	<ul style="list-style-type: none"> The "GAC Motor Digital Experience Strategy Planning and Implementation Project" was selected as a "National Model Case for User Experience Innovation" by the China Electronics Standardisation Institute 	» China Electronics Standardisation Institute
	<ul style="list-style-type: none"> GAC Motor's New-Energy E9 Model passed the "i-VISTA China Intelligent Vehicle Index" evaluation conducted by China Automotive Engineering Research Institute and received the "Five-Star" authoritative certification 	» China Automotive Engineering Research Institute
	<ul style="list-style-type: none"> GAC Motor's New-Energy E9 Model was rated as a "Five-star Healthy Car" 	» China Automotive Engineering Research Institute
	<ul style="list-style-type: none"> The "Development and Application of Key Autonomous Driving Technologies for Autonomous Parking in Complex Scenarios" won the Third Prize in the 2024 China Society of Automotive Engineers Science and Technology Award 	» China Society of Automotive Engineers
	<ul style="list-style-type: none"> GAC Motor was awarded the "New-Energy Vehicle Innovation Technology Award" 	» Guangdong Automobile Industry Association
	<ul style="list-style-type: none"> GAC Motor's E8 Series MPV was awarded the "2024 Guangdong Famous High-tech Product" title 	» Guangdong High-Tech Enterprises Association
	<ul style="list-style-type: none"> GAC Motor's Second-Generation GS3 Series A0-Class SUV was awarded the "2024 Guangdong Province High-Quality and High-Tech Product of the Year" 	» Guangdong High-Tech Enterprises Association
	<ul style="list-style-type: none"> GAC Motor's New-Energy E8 was nominated as a "Recommended Model" at the Fifth China Automotive Grand Ceremony 	» China Media Group (Financial and Economic Programme Centre)
	<ul style="list-style-type: none"> 2024 Golden Service Award Ceremony – Service Innovation Award 	» China Auto Market Magazine
	<ul style="list-style-type: none"> GAC Motor New Energy was awarded the "2024 Intelligent Leadership Innovation Award" 	» Baidu
	<ul style="list-style-type: none"> Outstanding Contributor to the "100 Billion-Worth Industrial Town Initiative" 	» People's Government of Hualong Town, Panyu District
	<ul style="list-style-type: none"> China Automotive Science and Technology Progress Award 	» China Society of Automotive Engineers
	<ul style="list-style-type: none"> Industry Platform Contribution Award 	» International Forum (Teda) on Chinese Automotive Industry Development
	<ul style="list-style-type: none"> AION RT won the "Smart Sedan of the Year" award at the 20th Southern Daily Car Rankings 	» Southern Daily
	<ul style="list-style-type: none"> Outstanding Power Battery Technology and Solution 	» 2024 Power Battery Green and Low-Carbon Mobility Exhibition
	<ul style="list-style-type: none"> Outstanding Organisation Award at the 24th China International Industry Fair 	» Organising Committee of the China International Industry Fair

Award Recipient	Award	Awarding Organisation
	<ul style="list-style-type: none"> GAC Honda Mangrove Ecosystem Conservation Project was included in the <i>"Beautiful China, I Am an Actor" 2024 Business Climate Action Cases</i> 	» Centre for Environmental Education and Communications of Ministry of Ecology and Environment and C Team
	<ul style="list-style-type: none"> GAC Honda Odyssey won the "2024 China Low Carbon Car Top Runner B-Class Conventional Hybrid MPV Champion" 	» The Carbon Publicity Platform for China's Automobile Industry Chain
	<ul style="list-style-type: none"> "Five-Star Enterprise" in the First Carbon Management System Evaluation of Automobile Enterprises in 2024 	» Automotive Industry Energy Saving and Green Development Evaluation Centre
	<ul style="list-style-type: none"> No. 1 Among Mass Market Brands of the Initial Quality Study (IQS) 	» J.D.Power
	<ul style="list-style-type: none"> No. 1 Among Mass Market Brands in the Sales Satisfaction Index (SSI) 	» J.D.Power
	<ul style="list-style-type: none"> No. 1 Among Mass Market Brands in the Customer Service Index (CSI) 	» J.D.Power
	<ul style="list-style-type: none"> Top 20 ESG Pioneers Among Foreign Enterprises in China and Hong Kong, Macao, and Taiwan Enterprises 	» China Media Group (Financial and Economic Programme Centre)
	<ul style="list-style-type: none"> GAC Honda Integra was recognised to have the "Best Handling Car of the Year" at the China Automobile Annual Ceremony 	» China Media Group (Financial and Economic Programme Centre)
	<ul style="list-style-type: none"> The "Safe Travel Programme" was selected as a "Public Welfare Case of the Year" at the 2024 Dream Builder Public Welfare Conference 	» <i>Southern Weekly</i>
	<ul style="list-style-type: none"> GAC Honda Mangrove Ecosystem Conservation Project was awarded the "2024 Excellent Contribution Award" 	» Society of Entrepreneurs and Ecology (SEE) Foundation in Beijing
	<ul style="list-style-type: none"> Outstanding Clean Production Enterprise in Guangzhou 	» Guangzhou Municipal Ecological Environment Bureau and Guangzhou Municipal Industry and Information Technology Bureau
	<ul style="list-style-type: none"> ESG Sustainability Excellence Role Model 	» Social Work Department of the CPC Guangzhou Municipal Committee, Guangzhou Municipal Civil Affairs Bureau, Guangzhou Municipal Ecological Environment Bureau, Guangzhou Cooperation Office and Guangzhou Daily Group
	<ul style="list-style-type: none"> GAC Toyota's 9th-Generation Camry was awarded the "Sedan of 2024" title at the CMG Fifth China Automotive Grand Ceremony 	» China Media Group (Financial and Economic Programme Centre)
	<ul style="list-style-type: none"> 2024 National Automotive Industry Outstanding Digital Intelligence Case Award 	» China Enterprise Digitalisation Alliance
	<ul style="list-style-type: none"> 2024 China Automotive Industry Sustainable Development Practice Case "Smart Innovation Technology" Title 	» China Association of Automobile Manufacturers
	<ul style="list-style-type: none"> 2024 Golden Service Award Ceremony -- Customer Satisfaction Award 	» China Association for Quality
	<ul style="list-style-type: none"> "Tied for First Place in After-Sales Service Satisfaction (Joint Venture Brands)" at the 2024 China Automobile Customer Satisfaction Index (CACSI) 	» User Committee of the China Association for Quality
	<ul style="list-style-type: none"> China Best Employer Award 2024 -- Guangzhou Employer of the Year 	» Zhaopin.com, the Institute of Social Science Survey, Peking University, and the National School of Development of Peking University
	<ul style="list-style-type: none"> GAC Toyota Sienna came first in the "2024 China Automobile Quality Research (AQR) MPV Quality Experience" 	» 12365auto.com and KRSC
	<ul style="list-style-type: none"> bZ3X was selected as a "Recommended Model of the Year" 	» <i>China Automotive News</i>

Award Recipient	Award	Awarding Organisation
 五羊-本田	<ul style="list-style-type: none"> Laboratory Accreditation Certificate from the China National Accreditation Service for Conformity Assessment First Prize in the 5G+ Advanced Manufacturing Category, "Blooming Cup" 5G Application Competition 	<ul style="list-style-type: none"> China National Accreditation Service for Conformity Assessment "Blooming Cup" 5G Application Competition Organising Committee
 广汽部件 GAC COMPONENT	<ul style="list-style-type: none"> National Worker Pioneer Award (Suspension Spring Production Line Task Force of Meizhou GAC Spring) Ranked 6th in the "2024 Top 100 Enterprises in China's Automotive Supply Chain" Second Prize for the Development and Industrial Application of Air Conditioner Controllers 	<ul style="list-style-type: none"> All-China Federation of Trade Unions China Automotive News 2024 GAC Group Science and Technology Award
 广汽丰田发动机 GAC TOYOTA ENGINE	<ul style="list-style-type: none"> 2024 Outstanding Contribution Award Top 20 Outstanding Contribution Enterprises in Nansha District (2024) 2024 Toyota China Environment Committee Gold Award 	<ul style="list-style-type: none"> Guangdong Automobile Industry Association Guangzhou Nansha District Enterprise and Entrepreneur Confederation Toyota China Environment Committee
 广汽日野	<ul style="list-style-type: none"> 2025 China Commercial Vehicle "Tractor of the Year (6 × 4 Group)" (Shengshi Version) China Logistics and Commercial Vehicle "Yingyun Zhiji" Awards: Exemplary Superior Range Product Award (9.6-metre Pure Electric Box Van) 	<ul style="list-style-type: none"> China Automotive News www.talkcv.com.cn
 广汽商贸 GAC BUSINESS	<ul style="list-style-type: none"> Top Ten Most Innovative Companies in the Industry 2024 Outstanding Member Unit of Guangdong Association of Circular Economy and Resources Comprehensive Utilisation 	<ul style="list-style-type: none"> Guangdong Automobile Dealers Association Guangdong Association of Circular Economy and Resources Comprehensive Utilisation
 如祺出行 ON TIME	<ul style="list-style-type: none"> The Only 4A-Level Ride-Hailing Brand in Guangzhou in 2024 2024 Hurun Global Unicorn List 2024 Forbes China "Top 20 Innovative Brands of the Year" 	<ul style="list-style-type: none"> Guangzhou Municipal Transportation Bureau Hurun Forbes China

Award Recipient	Award	Awarding Organisation
	<ul style="list-style-type: none"> Annual User Operations Award - Gold Award Outstanding Artificial Intelligence Technology of the Year Outstanding Data Intelligence Technology Platform of the Year 	<ul style="list-style-type: none"> » iDigitalChina/iDigital Annual Awards » iDigitalChina/iDigital Annual Awards » iDigitalChina/iDigital Annual Awards
	<ul style="list-style-type: none"> 2023-2024 Global Intelligent Vehicles Brands Top Ten Mexico 2024 Best Compact SUV 2024 New Automotive Companies for Overseas Expansion 	<ul style="list-style-type: none"> » International Data Group (IDG) » Mexico AUTO SHOW AWARDS CEREMONY » Southern Finance Omnimedia Group
	<ul style="list-style-type: none"> Outstanding ABS Originator Sino-French Partnership Award 	<ul style="list-style-type: none"> » China Central Depository & Clearing Co., Ltd. » CCI France Chine
	<ul style="list-style-type: none"> "2024 Excellence in Customer Service Award" awarded by Greater China Contact Centre Alliance 2024 Top Ten Call Centres Award 	<ul style="list-style-type: none"> » Greater China Contact Centre Alliance (GCCA) » China Electronics Chamber of Commerce
	<ul style="list-style-type: none"> CV Awards 2024 Top 50 State-owned Investment Institutions Zero2IPO 2024 Top 100 PE Investment Institutions in China 	<ul style="list-style-type: none"> » CV Awards » Zero2IPO Research
	<ul style="list-style-type: none"> 2024 Best Service Hotel Award 	<ul style="list-style-type: none"> » China Hotel Forum Organisation and China Hotel Alliance Organisation

Chronicle of GAC Group in 2024



<p>> 11 September</p> <p>GAC Hino completed the registration of equity adjustment and change. GAC Group holds 89.72% of the shares in GAC Hino, becoming its largest shareholder.</p>	<p>> 12 October</p> <p>Upower Energy's Phase II power battery repurposing, energy storage system, and part and component remanufacturing production lines were officially put into operation, marking GAC Group's comprehensive integration of the energy ecosystem industrial chain, including battery recycling and repurposing, energy storage systems, and component remanufacturing, filling a key gap in the NEV industry chain in Guangzhou.</p>	<p>> 14 October</p> <p>GAC Group participated in the 2024 Paris Motor Show and unveiled its "European Market Programme". The global strategic model, the second-generation AION V, was prominently launched, alongside star models such as GAC Motor ES9, GAC Motor E9 PHEV, HYPTEC HT, and HYPTEC SSR.</p>	<p>> 15 October</p> <p>GAC Business, GAC Leasing, and Crédit Agricole Personal Finance & Mobility Co., Ltd. (CA Personal Finance & Mobility) signed an agreement in Paris, France, to increase capital in GAC Leasing. CA Personal Finance & Mobility will make a strategic investment of RMB 2,133 million in GAC Leasing, promoting its automotive finance lease business, thereby empowering GAC Group's core vehicle sales operations.</p>	<p>> 20 October</p> <p>The Chinese Football Association Division Two League season concluded, and Guangdong GZPower Football Club, with an outstanding performance throughout the season, secured the championship trophy with 19 wins, five draws, and four losses, accumulating 62 points. This victory marks the club's first-ever championship and achieved their goal of promotion to the China League One.</p>
<p>> 2 November</p> <p>GAC Group launched a major reform, shifting its management model for proprietary brands from strategic control to operational control, with its headquarters relocated to Panyu Auto City. On 15 November, GAC Group unveiled the three-year "Panyu Action" plan at Auto Guangzhou. The plan aims to achieve over 60% of the Group's total sales from proprietary brands by 2027, with a bold target of two million units in proprietary brand sales. The plan focuses on four key reform initiatives and five major support measures to drive this transformation. At the event, GAC also introduced five brand-new models from its five major automotive brands, marking the first-ever "triple launch" of its proprietary brands. These new releases comprehensively covered the EV, REEV and PHEV segments.</p>	<p>> 12 November</p> <p>On the 20th anniversary of GAC Toyota Engine's establishment, the eight millionth engine has rolled off the production line, reflecting the market's trust and support for the quality of GAC Toyota Engine.</p>	<p>> 13 November</p> <p>GAC Toyota held the "Advance with Intelligence" 20th Anniversary Commemoration. This event marked the beginning of a self-revolution as the company strived to become a leading brand in the era of intelligent electric vehicles. It also unveiled the bZ3X at Auto Guangzhou as its first independently developed intelligent and pure electric SUV.</p>	<p>> 14 November</p> <p>The hydrogen-hybrid version of GAC Motor E9 participated in a demonstration operation of the hydrogen internal combustion engine. Independently developed by GAC Group, this model is equipped with the MegaWave hydrogen hybrid system. This marks the world's first hydrogen-hybrid vehicle for on-road demonstration.</p>	<p>> 26 November</p> <p>GAC Group officially unveiled its "135" development strategy for commercial vehicles. The strategy set a target of RMB 30 billion in revenue by 2030 and aimed to accelerate the transformation to intelligent commercial NEVs. The Group also released the commercial vehicle T9, a new-energy heavy-duty truck. In addition, MiracoMotor unveiled its L platform, along with the MiracoMotor Robobus L60 (the first model based on this platform).</p>
<p>> 27 November</p> <p>Pony.ai, invested in by GAC Capital, was officially listed on NASDAQ. GAC Capital's investment in the automotive new four development trends accounts for about 90% of its overall investment amount. Currently, the total market valuation of these invested projects has reached approximately RMB 500 billion.</p>	<p>> 30 November</p> <p>GAC Group signed a strategic cooperation agreement on intelligent vehicles with Huawei. GAC Group will create a new premium intelligent NEV brand, in addition to GAC Motor, AION, and HYPTEC. By using this new brand as a platform, both companies will leverage their respective strengths. They will collaborate in product development, marketing, and ecological services, ultimately providing users with a leading intelligent experience.</p>	<p>> 18 December</p> <p>GAC Group launched its new flying car brand, GOVY, along with its first composite-wing flying car, the GOVY AirJet. The AirJet features an innovative "1+1+X" cockpit layout that maximises internal space. With a range of more than 200 kilometres and support for 30-minute fast-charging technology, it is well suited for intercity travel in the Greater Bay Area.</p>	<p>> 23 December</p> <p>The new energy plant of GAC Honda Automobile Co., Ltd. in the Development Zone officially began production. This marks the company's entry into a new phase of electrification and intelligent development. With a designed annual capacity of 120,000 vehicles, the plant incorporates over 30 world-leading technologies, 50 domestic-leading technologies, and nearly 60 of Honda's first-ever applied technologies and processes. It also achieves "Zero Carbon on SOP", creating a new benchmark for "Digital Intelligence—Zero Carbon."</p>	<p>> 26 December</p> <p>GAC Group unveiled GoMate, the third-generation self-developed embodied AI humanoid robot at the 2024 Robot China annual meeting. GoMate is the first robot in the industry to feature variable wheel feet. It demonstrates precise motion control, accurate navigation and positioning, as well as flexible and autonomous decision-making capabilities. It also features strong anti-interference, stability, and reliability.</p>

Special Topic: Future Driven by Intelligence - GAC Group's Intelligent Connectivity Ecosystem Driving the Transformation of New Quality Productive Forces

Driven by emerging technologies such as artificial intelligence, big data, and cloud computing, the automotive industry ecosystem is undergoing fundamental changes, with a vast ecosystem centred around intelligent connectivity already emerging. GAC Group, with intelligent driving and intelligent cockpits at its core, is actively building an intelligent connectivity travel ecosystem to create value for a better mobile life for humanity.

In 2024, GAC Group launched the "Smart Mobility 2027" Action Plan, vigorously promoting the optimisation of intelligent driving and intelligent cockpit technologies. Over the next three years, through three core technologies, GAC Group aims to lead in two major aspects: "Leading in Product Experience" and "Leading in Travel Scenarios", providing intelligent support for the ambitious development blueprint of "Trillion GAC."



In the field of intelligent connectivity technology, GAC Group has built a comprehensive technological ecosystem centred around intelligent connectivity, covering two key areas: intelligent driving and intelligent cockpits. Supported by three major technologies, it empowers the ADiGO intelligent and interconnected driving ecosystem 6.0 (named " 星灵智行 " in Chinese), which is centred around ADiGO GSD (GAC Self Driving) and ADiGO SPACE Intelligent Cockpit, offering users a full range of intelligent experiences.

GAC Group's Intelligent Connectivity Technology Ecosystem

One core	Intelligent Connectivity
Two key areas	Intelligent Driving and Intelligent Cockpit
Three core technologies	GAC X-SOUL EE Architecture, GAC AI Large Model Platform, and GAC Intelligent Connectivity Big Data Platform
Operating system	GAC Psi Operating System
ADiGO	ADiGO GSD (GAC Self-Driving) and ADiGO SPACE Intelligent Cockpit

Three Core Technologies

GAC X-SOUL EE Architecture

The GAC X-SOUL EE Architecture is a vehicle-cloud integrated centralised electronic and electrical architecture independently developed by GAC Group. It combines the digital twin-based cloud with three core computer clusters, offering extremely high computing power to coordinate the entire vehicle. The system integrates several new technologies, including 5G, achieving a 50-fold increase in computing power and a 10-fold improvement in data transmission speed. It efficiently supports the implementation of advanced features such as big data, scene customisation, vehicle services, and L3/L4 intelligent driving capabilities.

GAC AI Large Model Platform

The GAC AI Large Model Platform consists of four key components: the data layer, AI middleware layer, model layer, and application layer, enabling the full linkage of intelligent connectivity. The platform is deeply integrated with the GAC X-SOUL EE Architecture, becoming the entry point for all-scenario applications, which mainly include:

- » **Voice Interaction:** Achieves precise context-based semantic understanding, supporting free conversation and mobile encyclopaedia functions;
- » **Vehicle Experience:** Provides a vehicle assistant and trip planning services, covering all scenarios of vehicle usage;
- » **AI Super Brain:** Capable of content creation and complex problem-solving.

GAC Intelligent Connectivity Big Data Platform

The GAC Intelligent Connectivity Big Data Platform is a unified intelligent driving and connected big data platform developed based on GAC Group's digital strategy. It aims to integrate data management and mining across the entire lifecycle of automotive research, production, and sales, enabling shared access to data resources on the platform. Based on this platform, GAC Group has developed multiple product applications to promote intelligent and personalised consumer services.

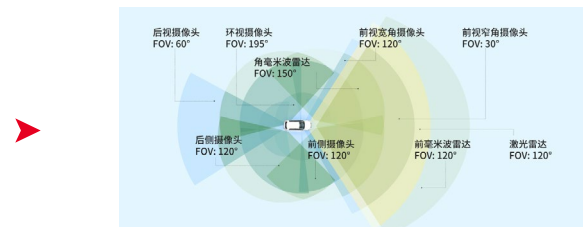
GAC Psi Operating System

GAC Psi Operating System is designed to provide a unified, cross-domain general solution and product-level software development platform. It is the core of the GAC X-SOUL EE Architecture "for the future" and introduces industry-leading innovations, including the SOA cross-domain service engine, high-performance middleware engine, vehicle-cloud mirror engine, and heterogeneous execution scheduling engine. It features efficient collaboration, minimalist reuse, and unified vehicle-cloud integration.

Pioneer in Intelligent Driving

Intelligent Driving Technology Path: "Multi-Sensor Fusion" and "Mapless Pure Vision"

GAC Group remains committed to being a pioneer in intelligent driving, continuously expanding its presence in the intelligent connectivity sector. In terms of technology, GAC Group has independently developed and simultaneously adopted two key technological paths: "multi-sensor fusion" and "mapless vision-based." The Company has already equipped multiple proprietary brand models with domestically leading L2++ advanced urban intelligent driving features, promoting Navigated Driving Assist (NDA) in urban areas.



GAC Urban NDA Multi-Sensor Fusion Perception Solution

Intelligent Driving System: ADiGO GSD (GAC Self-Driving)

ADiGO GSD (GAC Self-Driving) is an intelligent driving system developed by GAC Group based on the "multi-sensor fusion" technology path. It currently supports the development of dual computing platforms for both mid- and high-level processing power, covering capabilities from L2 to L4 autonomous driving. The system includes core technologies such as Super Parking, Highway NDA, City NDA, Traffic Jam Pilot (TJP), and Robotaxi unmanned driving, enabling full-scenario integration from driving to parking, and from start to destination.



ADiGO GSD

Intelligent Driving Achievements: Enhancement of the Foundation

In June 2024, GAC Group became one of the first automotive companies in the country to receive approval for ICV access and road-testing pilot programmes, laying the foundation for the commercialisation and industrial development of L3 autonomous driving.



Leading the Future with Intelligence: The "5G+ Internet of Vehicles" Project Passes Acceptance Review

In September 2024, the 2021 Fundamental Industrial Technology Public Service Platform "5G+ Internet of Vehicles" project of the Ministry of Industry and Information Technology of the People's Republic of China, led by GAC Group, successfully passed the project acceptance review organised by government departments, with several achievements leading the industry.

- ▶ The project developed a V2I (Vehicle-to-Infrastructure) interaction system for ride-hailing and buses, helping Guangzhou become the first city in China to have more than 10,000 connected vehicles in regular operation;
- ▶ For the first time, a complete "city-region-roadside" three-tier cloud control system was adopted, establishing the first unified city-level data platform for connected vehicles;
- ▶ Traffic signal data sensed by V2X (vehicle-to-everything) was integrated into L4 autonomous driving training and operational decision-making for the first time, and real-time feedback of signal quality status was sent to the cloud control platform through a system monitoring module, achieving a "road data collection - vehicle adoption - vehicle feedback - road improvement" data feedback loop.

Additionally, during the course of the project, the project team compiled and released 11 local and group standards, and applied for 16 patents and software copyrights.



On-site Acceptance Review for the Fundamental Industrial Technology Public Service Platform "5G+ Internet of Vehicles" Project.

Intelligent Cockpits Reshaping the Mobility Experience

Intelligent cockpit is a key application scenario in the development of the intelligent vehicle industry and represents the most intuitive in-car technology for users. GAC Group has been deeply cultivating its intelligent cockpit technology system to create a personalised and intelligent in-car interactive space for users.

Core Intelligent Cockpit Technology: ADiGO SPACE

ADiGO SPACE Intelligent Cockpit

ADiGO SPACE is a core technological achievement of GAC Group in its vision of "software-defined vehicles." Centred on user experience and emotional engagement, ADiGO SPACE is a full-scenario immersive intelligent cockpit system built upon multimodal interaction and cloud-based ecosystems. It encompasses key technologies such as ADiGO PARK, ADiGO SOUND, ADiGO MAGIC, and ADiGO SENSE.

ADiGO PARK Metaverse

ADiGO PARK, built on a high-performance visual computing platform and XR head-mounted displays, integrates with the core systems of intelligent vehicles to deliver an immersive mobility experience.

ADiGO MAGIC Scene Creation Platform

ADiGO MAGIC adopts a service-oriented architecture (SOA), transforming over 2,000 vehicle functions into services. Users can develop and combine these to create personalised scenarios, including all in-vehicle capabilities such as vehicle control, intelligent driving, and ecosystem applications.

ADiGO SOUND Intelligent Sound System

ADiGO SOUND integrates new audio hardware, sound sources, algorithms, tuning, functions, and ecosystem into ADiGO SPACE, pioneering a full-scenario sound interaction ecosystem.

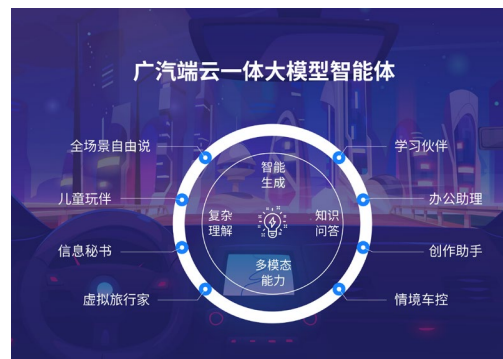
ADiGO SENSE Vehicle-cloud integrated Large Language Model (LLM) Agent Platform



GAC Group's Self-Developed Large Language Model Drives Human-Computer Interaction Upgrade

In April 2024, GAC Group launched the ADiGO SENSE Vehicle-cloud integrated LLM Agent Platform to deliver an intelligent cockpit experience that understands people, vehicles, and lifestyles. Compared with traditional cloud-based LLM, this system offers a threefold improvement in response speed, a 50% increase in service richness, and a twofold increase in real-time multimodal interaction nodes inside and outside the vehicle, whilst ensuring 100% protection of private data. By deploying the LLM in the vehicle, the system forms a dual-brain architecture in coordination with the cloud, integrating features such as AI-powered recommendations, travel assistant, entertainment hub, and news encyclopaedia, enabling user preference learning and ecosystem service expansion.

In December 2024, the Group received the industry's first A+ certification for AI intelligent cockpit capabilities from CAERI, marking a new stage in automotive human-computer interaction.



GAC Vehicle-cloud integrated LLM Agent Platform Function Diagram



The First A+ Certification for AI Intelligent Cockpits in China

01

Intelligent Connection and Lean Management to Solidify Foundation

- Corporate Governance 20
- Responsibility Management 35



Response to the SSE *Guidelines* issues:

Due Diligence, Communications with Stakeholders, Anti-Commercial Bribery and Anti-Corruption, and Anti-Unfair Competition



HKEX KPIs:

B7, B7.1, B7.2, B7.3



Relevant GRI indicators:

2-9, 2-11, 2-12, 2-13, 2-14, 2-16, 2-17, 2-22, 2-23, 2-24, 2-25, 2-26, 2-27, 2-28, 2-29, 3-1, 3-2, 3-3, 205-1, 205-2, 205-3



The SDGs addressed in this chapter



SDG 8 - DECENT WORK AND ECONOMIC GROWTH



SDG 17 - PARTNERSHIPS FOR THE GOALS



SDG 16 - PEACE, JUSTICE AND STRONG INSTITUTIONS

01

GAC Group upholds the philosophy of sound operations, adhering to compliance standards and strong governance. The Group is committed to working with industry partners to build a fair, just, and transparent business environment. Through continuous management structures upgrade, the improvement of systems, process optimisation, and the deepening of training, GAC Group is laying a solid foundation for its high-quality and sustainable development.

Goals and Progress

Goal Setting	Progress Review	Improvement Plan for Next Phase
Corporate Governance		
Actively conduct director training, increase the diversity of directors' backgrounds, and promote the effective performance of duties by directors and independent directors.	The composition of non-executive directors in the Audit Committee, Remuneration and Assessment Committee, and Nomination Committee was 100%.	Continuously implement director training to promote the effective performance of duties by directors and independent directors.
Risk Management and Investigation		
Continuously improve and implement a comprehensive risk management organisational system, incorporating ESG risks as one of the regular assessment indicators.	A comprehensive risk management organisational system was established, incorporating risks related to safety production control, responsibility, supervision, and assessment, environmental protection, and employee integrity and ethics into the regular assessment indicators.	Continuously improve and operate the comprehensive risk management organisational system, and drive the inclusion of more ESG risks into regular assessment indicators.
Business Ethics and Anti-Corruption		
Adhere to a zero-tolerance, all-encompassing, and no-exemptions approach to anti-corruption, advancing a system where individuals "dare not, cannot, or do not want to become corrupt", in order to maintain a fair and transparent business environment.	A long-term mechanism was established for preventing corruption, conduct political supervision on 27 key areas such as automotive research and development, cost reduction and efficiency improvement, procurement and bidding, and international development, setting 182 supervision indicators and 163 supervision measures. Integrity warning education, value dissemination, and legal and regulatory awareness training activities were continuously carried, urging leaders at all levels to maintain clean professional conduct. Smooth channels were established for reporting integrity issues and implement a system to protect and reward individuals who report misconduct with their real names.	Maintain a zero-tolerance attitude and strict punishment standards, focusing on the difficult and critical issues in corporate reform and development, and continuously deepen the political supervision in a more specific, precise, and regularised manner, with the goal of improving governance effectiveness through a sound supervisory system.
Compliance and Fair Competition		
No major incidents related to unfair competition, monopolies or infringement of trade secrets occurs during the year.	No related incidents occurred in 2024.	Continue to follow up on this goal in the next year.
Communications with Stakeholders		
Continue to deepen communication with stakeholders, develop response strategies, and conduct dual materiality analysis.	Stakeholder response strategies were developed, and dual materiality analysis was conducted.	In the future, the Group will continuously optimise stakeholder response strategies, increase the frequency of responses, and expand the assessment dimensions of impact importance and financial importance in the dual materiality analysis.

i. Corporate Governance

1. Enhancement of the leadership of Party building

GAC Group has always regarded Party building as an important pillar for the Company's development. Under the leadership of the Party, GAC Group continues to strengthen the role of the Party organisation as a stronghold and the exemplary role of Party members. It integrates Party building deeply with corporate development, providing a solid guarantee for achieving high-quality development.

Strengthening grassroots Party building

GAC Group has always upheld the leadership of the Communist Party of China, strengthening the construction of grassroots Party organisations and fully implementing the responsibilities of Party building. During the Reporting Period, the Group took multiple measures to continuously improve the quality of grassroots Party building, enhancing the governance capacity and level at the primary level. The Party Committee of GAC Group focuses on supporting the production and operations of the Company, guiding Party organisations to strengthen the leadership of Party building to drive high-quality development. To solidify the responsibilities of grassroots Party building, in 2024, GAC Group completed the assessment of grassroots Party building responsibilities for 20 affiliates' Party organisation secretaries. The results of these assessments will be fully integrated with cadre evaluations, tenure-based assessments, and contractual evaluations, making Party evaluations of cadres an objective basis for assessment.

In 2024, the Party Committee of GAC Group focused on leveraging the "Leading Goose Effect", using project management methods and adopting the approach of "leading by example" and "project-oriented work." This led to the creation of a distinctive GAC Party building brand — the "Secretary Project" for grassroots Party building. The "Secretary Project" has been held for 13 consecutive years, with 3,897 outstanding "Secretary Projects" implemented, addressing over 7,000 key issues related to grassroots Party building and production operations.



The Secretary Project Themed "Deepen Reform, Strengthen Management, Promote Development, and Resolutely Win the Battle to Improve Quality and Efficiency"

In response to the new circumstances and tasks of 2024, the Party Committee of the Group has chosen the theme "Deepen Reform, Strengthen Management, Promote Development, and Resolutely Win the Battle to Improve Quality and Efficiency" for the "Secretary Project." This initiative guides grassroots Party organisation secretaries to focus on the prominent issues faced by companies in responding to the major changes in the automotive industry, conducting in-depth research, and selecting key challenges that impact both the quality of grassroots Party building and the reform and development of the enterprises. In 2024, 430 Secretary Projects were initiated, addressing 702 issues related to grassroots Party building and production operations, generating direct financial benefits of RMB 780 million, and making significant contributions to the reform and development of the enterprises.



"Secretary Project" Excellent Result Announcement Campaign

In 2024, the Group continued to optimise grassroots organisational construction

and guided the establishment and re-election of

7 secondary enterprise Party organisations.

A total of

264 new Party members were developed.

The proportion of Party members under the age of 35 reached

75%.

GAC Group has always adhered to the leadership of Party building in corporate culture, guided by Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, and has deeply carried out Party building while actively exploring the integration and development path of "Party Building + Business." In the process of promoting Party building, GAC Group regularly organises Party member study sessions, themed Party Day activities, and other forms of engagement to continuously enhance the political literacy and professional capabilities of Party members and cadres, contributing to the high-quality development of the Company.



GAC Group's Party Committee Carried out Grassroots Party Building Guidance

The Party Committee of GAC Group actively promotes internal development, guiding Party organisations to address current tasks and promote high-quality development. The Party Committee has proposed four guiding opinions: strengthening ideological and political leadership, selecting advanced models, implementing "Secretary Projects", and leveraging the power of mass organisations. These measures continuously strengthen grassroots Party building, effectively facilitating policy implementation and improving grassroots work efficiency. In 2024, GAC Group received 216 action measures formulated by grassroots Party organisations based on their conditions, effectively enhancing grassroots Party building governance capabilities.

GAC R&D Centre Party Committee's "Guangyan Red Core" was recognised the Top Ten Party Building Brands of Guangzhou State-Owned Enterprises



AION established the Guangzhou Patriotic Education Base



GAC Toyota Party Committee's "Workforce Pioneer" was awarded the 2nd Guangzhou State-owned Enterprises' Featured Party Building Brand



GAC Business "Red Engine for Cleanliness" Environmental Education and Party Building Base was awarded the 2nd Guangzhou State-Owned Enterprises Top Ten Party Building Base



Carrying out Party discipline learning and education

GAC Group attaches great importance to Party discipline education, guided by Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era. Through a series of activities such as "Family, Family Education, and Family Traditions" education and "Study Education Reading Classes", the Group organises learning and educational activities to enhance employees' ideological awareness and professional competence. It ensures that Party discipline education is deeply integrated with corporate culture, laying a solid ideological foundation and cultural support for the sustainable development of the Company, while deeply practicing the Party's original mission.



GAC Group Launched "Family, Family Education, and Family Traditions" Construction Education Activities

To deeply study and implement General Secretary Xi Jinping's important discussions on the construction of family education and family traditions, as well as his important speeches and instructions on Party discipline learning and education, and to educate and guide Party members and cadres to learn the fine family traditions of revolutionary pioneers and role models of the times, promoting the deep and practical development of Party discipline learning and education activities and the construction of integrity culture. On 14 October 2024, then Party Secretary of GAC Group and Leader of the Party Discipline Learning and Education Leadership Team, Zeng Qinghong, led 17 members of the leadership team and relevant Party members from the headquarters Party Committee to visit the "Learn Party Discipline, Follow the Rules, Promote Family Traditions, and Foster New Atmosphere" exhibition on the family traditions of Chinese Communists at the Guangzhou Archives.



The Site of the "Learn Party Discipline, Follow the Rules, Promote Family Traditions, and Foster New Atmosphere" Exhibition on the Family Traditions of Party Members



The Party Committee of GAC Group Held a Party Discipline Learning and Education Reading Class for Members of the Leadership Team

On 11 June 2024, the Party Committee of GAC Group held the first concentrated study session of the Party Discipline Learning and Education Reading Class for the leadership team members, as well as a theoretical study session for the Party Committee's theoretical learning centre group. The session combined group study and individual self-study, with a focus on deeply studying the newly revised *Regulations on Disciplinary Action of the Communist Party of China*. Zeng Qinghong, then Party Secretary and Chairman of GAC Group, chaired the collective study and discussion session. The reading class emphasised the need for leadership cadres to engage deeply and sincerely in Party discipline learning and education, actively implementing the decisions and deployments of the Party Central Committee, advancing key tasks in the Group's production, operations, and reform development, and using high-quality work results to evaluate the outcomes of Party discipline learning and education.



The Party Discipline Learning and Education Reading Class for Leadership Team Members

2. Corporate governance

As a responsible listed state-owned enterprise, GAC Group has always adhered to standardised operations as the cornerstone of its business. It strictly complies with relevant laws and regulations, including the *Company Law of the People's Republic of China*, the *Securities Law of the People's Republic of China*, the *Code of Corporate Governance for Listed Companies in China*, the *Rules Governing the Listing of Stocks on Shanghai Stock Exchange*, and the *Main Board Listing Rules* of the HKEX, and fully implements the basic principles of corporate governance. The Group constructs a legal governance framework in accordance with the law, fulfils its corporate governance responsibilities, continuously operates its Board of Directors, and ensures the sound functioning of its specialised committees, effectively protecting the legal rights and interests of shareholders and all stakeholders.

The management team regularly reports to the Board of Directors on the Group's operational status, development plans, and business strategies. Based on the suggestions and recommendations from the Board members, the management team breaks down tasks for implementation and provides regular feedback on progress, ensuring effective communication between the management team and the Board of Directors. The Group also organises occasional specialised training sessions for directors, senior executives, and relevant personnel through professional institutions, supporting directors in their duties and enhancing the effectiveness of the Board of Directors.

In 2024, the independent directors of GAC Group fully fulfilled their responsibilities in strict compliance with relevant laws and regulations, took an active part in the discussions and decision-making of the Board of Directors of the Group and its various committees, and provided professional suggestions on the standardised operation of the Group. Following the Group's verification of the backgrounds of the independent directors and the relevant self-inspection documents they signed, it was confirmed that the independent directors met the current legal requirements for independence and possessed diverse professional backgrounds in the automotive industry, legal compliance, auditing and finance, and strategic management, respectively. The current Board of Directors includes one female director, achieving diversification across dimensions such as age, professional knowledge, work experience, region, and gender.

In handling related-party transactions, independent directors focus on reviewing the fairness and reasonableness of the transactions, offering independent professional opinions, and ensuring their judgments and suggestions are not subject to improper interference from controlling shareholders or other stakeholders. This high-level independence and professionalism strongly supports the soundness of the corporate governance structure and the objectivity of the decision-making process, safeguarding shareholder rights, particularly the legal interests of minority investors.

Proportion of Directors in Specialised Committees

	Strategy Committee	Audit Committee	Remuneration and Assessment Committee	Nomination Committee
Chairman	Directors	Independent directors	Independent directors	Independent directors
Executive directors	2	0	0	0
Non-executive directors	4	3	3	3
Independent directors	2	3	2	2
Proportion of non-executive directors	66.7%	100%	100%	100%
Proportion of independent directors	33.3%	100%	66.7%	66.7%

Diverse Backgrounds of the Board of Directors

Director	Finance/risk management	Automotive-related	Corporate governance/legal compliance
Feng Xingya		√	√
Zhao Fuquan		√	
Xiao Shengfang	√		√
Wang Keqin	√		
Song Tiebo			√

Director	Finance/risk management	Automotive-related	Corporate governance/legal compliance
Chen Xiaomu		√	√
Deng Lei		√	
Ding Hongxiang		√	
Guan Dayuan	√		
Wang Yiwei	√		

Comply with Compliance in Business Operations

As a leading automotive manufacturer in China, GAC Group consistently adheres to the compliance philosophy of "maintaining integrity and steady progress" and is committed to building a systematic and scientific compliance management system. By continuously improving the organisational structure, system construction, and regulatory guidelines, the Group effectively coordinates internal behaviour norms and compliance culture construction, ensuring that business activities remain on a compliant track.

In 2024, GAC Group has made solid progress in a series of compliance initiatives, further strengthening and improving the four major compliance management systems. The Group also established an Overseas Compliance Committee to implement compliance activities, including lawful operations overseas. At the same time, GAC Group is focusing on implementing three major key projects:

01

Accelerate the improvement of international compliance response capabilities to support the Group' internationalisation strategy.

02

Accelerate the digitized and intelligent compliance control process to improve the efficiency of compliance work.

03

Strengthen the prevention of major compliance-related risks to safeguard the Group' business development.

Compliance Culture Building

GAC Group has always adhered to the principle of corporate compliance development, making compliance culture an important part of the Company's core values. From Senior Management down, the Group implements the compliance philosophy and integrates compliance awareness into day-to-day operations. Through regular training, publicity, and assessments, the compliance culture is internalised as a shared understanding and conscious action among all employees.



Multi-level Compliance Training Empowerment

GAC Group is conducting multi-level compliance culture building work around three major key projects. For relevant personnel, the Group held two large-scale training sessions in conjunction with the newly revised *Company Law of the People's Republic of China* in 2024, and conducted training and publicity on the newly revised *Measures for the Compliance Management*. At the same time, GAC Group held six specialised compliance training sessions focusing on overseas compliance. To implement and advance the digital and intelligent compliance construction concurrently, GAC Group also conducted empowerment training for relevant positions.



New *Company Law of the People's Republic of China* Explanation and Training Session

Deepen Mechanism Reform

GAC Group is committed to adapting to the accelerating global shift of the automotive industry towards electrification, intelligence, and sustainability. In 2024, the Group continued to deepen mechanism reform, adhering to the overall work principle of "seeking progress while maintaining stability." Following the concept of "short-term reliance on sales, medium-term reliance on products, and long-term reliance on reform", the Group gradually adjusted its business strategy, laying a solid foundation for high-quality development.

Deepening the Development of Proprietary Brands

In response to the profound changes in the market landscape of the automotive industry, in 2024, GAC Group decided to implement management model and organisational reforms to strengthen and expand its proprietary brands. The management model of the proprietary brands started to shift from strategic control to operational control, with corresponding organisational reforms being implemented simultaneously. The aim was to establish an efficient and flexible market-oriented system and organisational structure, further reduce operational costs, enhance management efficiency, and achieve sustainable, healthy, and high-quality development.

Deepening Reform and Strengthening Internal Driving Forces

GAC Group is actively and steadily advancing its mixed-ownership reform, promoting changes in the Group's management and control model, innovating internal management systems and mechanisms, optimising corporate governance structure, and enhancing the sense of responsibility and mission among the management team. This will improve employee enthusiasm, initiative, and creativity, steadily promote efficient management, achieve more market-oriented operations, further reduce costs and increase efficiency, and strengthen internal driving forces.



GAC Group Unveiled the Three-Year "Panyu Action" to Deepen Reform

On 15 November 2024, GAC Group launched the three-year "Panyu Action", aimed at optimising the Group's management efficiency and operational model through deepened reforms. On one hand, GAC Group will drive a comprehensive transformation of its management and control model, establishing a more streamlined and efficient organisational structure. On the other hand, GAC Group is building an operational headquarters to directly manage and control its proprietary brands, achieving a higher degree of integrated operations in key areas such as product development, supply chain management, and financial resource allocation. The "Panyu Action" will further enhance GAC Group's competitiveness and market responsiveness, providing strong organisational support for high-quality development.

3. Risk management and investigation

GAC Group attaches great importance to the construction and improvement of its risk management system. By establishing and refining the comprehensive risk management framework, the Group identifies, assesses, and addresses potential risks, regularly conducting risk assessments and audit mechanisms to ensure the effective implementation of risk management measures. At the same time, the Group integrates ESG-related risks into its overall risk management system, aligning them with sustainable development goals to ensure its steady growth.

Governance Structure Development

In 2024, GAC Group continued to improve and operate its comprehensive risk management organisational system. The system includes all levels such as the Board of Directors, the President's Work Meeting, departments, and affiliates, creating a multi-level, multi-link risk management structure. ESG risk assessments and due diligence are fully integrated into the risk management responsibilities at all levels and stages.

Organisational Structure	Specific Responsibilities
Board of Directors	As the highest decision-making body for the Group's risk management, it is responsible for the soundness and effectiveness of the comprehensive risk management system.
Audit Committee	As a committee under the Board of Directors, it provides guidance and supervision over the Group's risk management activities.
President's Work Meeting	As the decision-making body for daily risk management matters, it is responsible for organising the day-to-day risk management activities.
Risk Control Department	It is the department responsible for the centralised management of comprehensive risk management, as well as the organisation, coordination, analysis, and reporting of daily risk management activities.
Headquarters departments	They are the primary responsible parties for risk management, and are responsible for fulfilling the risk management responsibilities during the execution of management and business processes, and assuming the overall responsibility for comprehensive risk management.
Affiliates	

GAC Group urges and encourages its affiliates to establish risk management frameworks. Both GAC Honda and GAC Toyota have set up dedicated management structures for comprehensive risk management.

GAC Honda	>	A Risk Management Committee is established, with senior management serving as the head of the committee and department heads acting as the risk management leaders for their respective departments. A Risk Management Affairs Bureau is set up to organise and coordinate the daily risk management activities and to monitor the implementation of risk management.
GAC Toyota	>	The <i>Compliance Management Regulations</i> and the <i>Internal Control Management Regulations</i> have been formulated, defining the organisational structure for internal control and compliance management, as well as the compliance management responsibilities of each level and department. Compliance management and risk management are carried out in accordance with the compliance system's closed-loop management approach. This includes regulatory preparation, compliance promotion, process improvement, annual risk assessments, and the development of risk mitigation strategies and handling measures.

Risk Management System

GAC Group has set the goal of risk management to mitigate the impact of uncertainties on the achievement of its business objectives. Currently, the main risks for GAC Group include strategic risk, market risk, financial risk, operational risk, compliance risk, and integrity risk. For these major risks, GAC Group has established a regular assessment, tracking, and response mechanism to effectively prevent the occurrence of risks.

The Risk Control Department of GAC Group organises annual risk assessments for each affiliate every year, using methods such as information collection, questionnaire surveys, multidimensional interviews, and senior-level evaluations. Critical risks that the affiliate should focus on are identified and countermeasures are formulated. The annual risk assessment process has incorporated ESG risks as one of the regular assessment indicators, conducting risk assessments and formulating response measures for ESG risks in parallel with other business-related risks. The specific ESG risks covered are as follows:

ESG Risks	ESG Risk Scenario Indicators
Safety production control risks	<ul style="list-style-type: none"> » Incomplete production safety management system; » Significant safety hazards in the production equipment; » Safety accidents resulting in personnel and property losses or crises.
Safety production liability risks	<ul style="list-style-type: none"> » Unclear responsibility for production safety; » Failure to reasonably break down production safety goals according to job positions; » Insufficient refinement of production safety goals and responsibility execution standards.
Safety production supervision risks	<ul style="list-style-type: none"> » Failure to establish a clear mechanism for identifying and reporting safety hazards; » Failure to continuously follow up on the handling of safety hazards.
Safety production assessment risks	<ul style="list-style-type: none"> » Failure to establish standardised and reasonable production safety assessment procedures and standards; » Assessment procedures and scoring standards are not detailed or clear.
Environmental protection risks	<ul style="list-style-type: none"> » Pollutant leakage could affect nearby residents; » Costs incurred for managing pollutant treatment.
Employee integrity and ethics risks	<ul style="list-style-type: none"> » Failure to impose ethical constraints and integrity supervision on employees' behaviour while exercising their job responsibilities and powers.

GAC International Implements ESG Risk Value Chain Management

GAC International actively carries out ESG risk management and assessment, including production safety risks, environmental risks, climate change risks, and business ethics risks. At the same time, GAC International conducts targeted management of ESG risks across its value chain. Before collaborating with foreign partners, GAC International conducts due diligence on safety production, environmental, climate change, and business ethics issues. It assesses the risks the partner may face regarding these issues and uses this assessment as the basis for contract review and cooperation decisions.

If potential partners are identified during due diligence with negative evaluations regarding ESG issues such as production safety, environmental concerns, climate change, or business ethics, GAC International would request verification and confirmation from the partner. The impact of these negative evaluations on the collaboration would be assessed, and depending on the situation, GAC International may require the partner to rectify the related issues. If the situation is severe, cooperation may be terminated.

Internal Control System

GAC Group and its affiliates at all levels have gradually improved the *Administrative Manual for Internal Control of GAC Group (Revised)* and the *Administrative Measures for Internal Control of GAC Group (Revised)* in accordance with regulatory documents such as the *Basic Norms for Enterprise Internal Control* and the *Implementation Opinions on Strengthening the Internal Control System Construction and Supervision of Central Enterprises*. These documents are risk management-oriented and focus on compliance management and supervision. Following the basic principles of "comprehensiveness, importance, checks and balances, adaptability, and cost-effectiveness", the Group has established a comprehensive and effective internal control system that encompasses all business areas, departments, positions, and subsidiaries across all levels.

Internal Control Working Mechanism	Job Responsibilities	Evaluation Results
Internal control self-assessment mechanism	In accordance with the <i>Basic Norms for Enterprise Internal Control</i> , the <i>Guidelines of Shanghai Stock Exchange for the Internal Control of Listed Companies</i> , and the <i>Administrative Manual for Internal Control of GAC Group (Revised)</i> , the Group organises an annual self-assessment of internal controls for headquarters functional departments and affiliates. The focus is on high-risk areas such as strategic risk, market risk, brand and reputation risk, procurement risk, sales activity risk, financial management risk, investment risk, related-party transaction risk, integrity risk, information system risk, product development risk, and quality risk.	<p>It has been confirmed that GAC Group and its affiliates maintain effective internal controls in all significant areas, with no major or critical internal control deficiencies. For the general deficiencies identified during the self-assessment, each affiliate has promptly developed and implemented corrective plans and measures, with no substantial impact on GAC Group's internal control.</p> <p>In accordance with the regulatory requirements for listed companies, GAC Group publishes its annual self-evaluation report on internal control by the end of March each year.</p>
External audit mechanism	In accordance with the regulatory requirements for listed companies, the Group hires an accounting firm annually to audit the effectiveness of its internal controls and issues an internal control audit report.	It has been confirmed that GAC Group has maintained effective internal controls over financial reporting in all significant areas every year, in accordance with the <i>Basic Norms for Enterprise Internal Control</i> and related regulations.
Internal audit supervision mechanism	GAC Group has promoted and completed the reform of its audit management model and has systematically organised audit and supervision projects, including economic responsibility audits and special audits, covering multiple areas such as project management, R&D management, information systems, procurement management, dealer management, and auto show management.	Regularly identifying weaknesses and potential risks in business management and strengthening operational risk control help the Group continuously improve and optimise its internal control system.

To ensure the effective operation of the above internal control mechanisms, GAC Group fully implements the principles of "benchmark rectification, source rectification, systematic rectification, and linked rectification", and promotes the establishment of a long-term audit rectification mechanism, including:

- Continuously optimise the rectification management mechanism;
- Link the effectiveness of rectification to the performance evaluation of affiliates
- Establish and continuously improve the accountability and responsibility mechanism;
- Track and review the effectiveness of audit rectifications and report to the Group's management;
- Report typical audit issues and conduct on-site training for typical problems.



GAC Motor Develops an Internal Control Evaluation System

GAC Motor has issued the *Administrative Measures for Internal Control of GAC Motor*, establishing an internal control organisational system and setting up a full-scope internal control liaison officer mechanism to form smooth communication and collaboration.

Each year, GAC Motor coordinates the internal control processes and collects internal control documentation. It conducts internal control evaluations on operational risks and classifies the issues identified. Major issues are reported to GAC Motor's management, in collaboration with relevant departments, while non-major issues are handled by preparing evaluation reports, corrective action plans, and monitoring corrections, followed by re-examination and checks. Additionally, GAC Motor has established an internal control evaluation procedure and a monthly compliance and risk control report mechanism to summarise work achievements and the status of internal control supervision on a monthly basis.

Risk Culture Development

GAC Group is committed to building a "predictive, scientific, and participatory" risk management culture. Through internal training, case sharing, and experience exchange, the Group enhances the risk awareness and management capabilities of all employees, improves the overall risk tolerance and response efficiency, and lays a solid foundation for long-term development.



In 2024, the Audit Department of GAC Group actively responded to the needs of affiliates and organised a training team to conduct on-site specialised training on *Common and Frequent Audit Issues* and engineering audits at GAC Motor, GAC R&D Centre, and GAC Toyota.



In 2024, the Audit Department of GAC Group incorporated *Common and Frequent Audit Issues* into the new middle management training programme for affiliates. Two on-site training sessions were completed, aimed at enhancing the compliance and risk control awareness of middle-level leaders in the affiliates.



In December 2024, the Audit Department of GAC Group organised practical training on the new Smart Audit and Risk Management Platform at the GAC Training Centre.



GAC-SOFINCO Auto Finance Conducted Multi-dimensional Risk Management Training

To further strengthen the risk management culture, GAC-SOFINCO Auto Finance conducted a series of specialised training activities in 2024.

Dimension	Date	Training Content
Operational risk and internal control assessment training	August to September	A total of seven training sessions on operational risk and internal control assessment were held for department heads, section chiefs, and frontline staff. The aim was to deepen the understanding of risk management across departments, standardise the evaluation criteria, and continuously optimise the operational risk management and internal control systems.
Reputational risk training	September	GAC-SOFINCO Auto Finance conducted specialised reputational risk training for departments handling complaints, litigation, and petitions. The training focused on enhancing the departments' awareness of risk prevention and their ability to manage reputation risks, aiming to achieve foresight, planning, and effectiveness in risk prevention.
Comprehensive risk management and internal control training	December	Comprehensive risk management and internal control training was provided to all employees, with the training effectiveness reinforced through online testing on the GAC Mobile Learning Platform. The training attracted over 500 employees, with a participation rate of 90%, and the pass rate for the online test was nearly 100%.

4. Business ethics and anti-corruption

GAC Group is committed to establishing and improving a clean and ethical business system that advocates anti-corruption and integrity. The Group deepens the decision-making supervision mechanism for significant matters, executive appointments and removals, major project investment, and large-value expenditures. In addition, it actively promotes the construction of management frameworks, institutional systems, audit supervision, integrity culture, and whistleblower protection. It continues to foster a culture of integrity where employees "dare not, cannot, do not want to become corrupt", while advancing the creation of a business environment that is more transparent, efficient, objective, and fairer.

Management Structure Development

GAC Group has established the "Five-department Collaboration" comprehensive supervision system and improved the *Problem Reporting and Referral Procedures for the "Five-department Collaboration" Comprehensive Supervision System*. This system coordinates the work of departments such as discipline inspection, finance, auditing, legal compliance, and risk control to carry out supervision tasks.



The Board of Directors of GAC Group holds the ultimate responsibility for the development of business ethics, while actively encouraging the Group's Party Committee to consistently implement management over business ethics, Party conduct and integrity, and anti-corruption work. In 2024, the topic of Party conduct and integrity was included as the first agenda item 41 times in the Group's Party Committee meetings, ensuring steady progress in the comprehensive and strict governance of the Party.

In 2024, GAC Group organised three joint meetings on supervision to analyse and assess issues such as inspection and rectification, corporate regulatory risks, and business risks. The Group also deepened the work procedures for transferring issue clues from the finance, auditing, legal affairs, and other supervisory departments to the Group's Discipline Inspection Committee, promoting the creation of a system-integrated, collaborative, and efficient supervisory framework to effectively prevent internal business ethics risks at GAC Group.

During the Reporting Period, GAC Group organised supervisory joint meetings to analyse and assess issues such as inspection feedback, findings from internal audits and rectification status, as well as regulatory and business risks within the Group's financial sector.

13 corrective suggestions were proposed, and efforts were made to supervise the implementation of these corrective actions.

Policy Framework Development

In 2024, GAC Group advanced the development of disciplinary inspection and supervision work policies. In response to new situations and issues encountered in supervision, disciplinary enforcement, and accountability, the Group rigorously aligned with the latest institutional regulations from higher authorities, conducted thorough research and validation, and comprehensively reviewed the Group's disciplinary inspection and supervision system. The Group revised and formulated policies such as the *Joint Meetings on Supervision Policy*, the *Measures for Protecting and Rewarding Individuals for Reporting with Real Names*, the *Review and Investigation Procedures*, and the *Rules of Procedure for the Discipline Inspection Committee* to ensure the policies adapt to new situations and requirements.

GAC Group has developed a comprehensive management system for business ethics, addressing pre-, during-, and post-management stages. With a focus on precise auditing and normalised risk prevention, the Group ensures the development of a sound management system for business ethics, anti-commercial bribery, and anti-corruption.

Audit and Supervision Construction

Comprehensive Supervision System

GAC Group adheres to strengthening the supervision system to enhance governance effectiveness, continuously deepening political supervision. It has conducted project-based supervision on 27 key topics such as automotive R&D, cost reduction and efficiency improvement, procurement bidding, and international development. 182 supervision indicators were set, and 163 supervision measures were formulated. Through supervision, 112 issues were identified, and 149 corrective measures were fully implemented, ensuring the practical, precise, and regularised implementation of political supervision.

GAC Group focuses on root cause governance by identifying corruption risks around state-owned enterprise management personnel. It collects clues through on-site visits, internet public opinion monitoring, and establishing a whistleblowing platform for work style construction, comprehensively improving the anti-corruption supervision system. In 2024, the system conducted 69 spot checks through the "four nos and two direct" method and carried out 136 supervisory investigations in areas such as production, supply, sales, and research.

GAC Group focuses on the "key few", strengthening the supervision of the "top leader" and the leadership team at the same level. Regular heart-to-heart talks are conducted to understand the thoughts and dynamics of the "top leader" and the leadership team, as well as the construction of Party conduct and integrity in their respective areas of responsibility. Early identification, education, and reminders are given for emerging or potential issues. At the same time, GAC Group has established an integrity file system for leadership cadres and uses information technology tools to dynamically monitor seven categories of integrity information for middle managers and key personnel, further promoting the institutionalisation, standardisation, and regularisation of "key few" supervision to achieve precise oversight.

GAC Group conducts specialised supervision in key areas, focusing on preventing risks in the automotive finance sector. Supervision is conducted on 22 major risk issues related to corporate governance, internal control and compliance, risk prevention and control, information technology management, and functional positioning in four financial affiliates of GAC Group. Joint meetings on supervision are held to assess business risks and prevent against financial risks, ensuring compliance and legality in the financial sector.

Business Ethics Audit

GAC Group fully implements the requirement for comprehensive economic responsibility audit supervision, ensuring that a full economic responsibility audit is conducted every five years across GAC Group's business scope. In 2024, GAC Group organised economic responsibility audits for seven senior executives from six affiliates, raising over 90 audit issues and recommendations. The audit focused on the affiliates' implementation of Party and national economic policies and execution of the Group's strategic plans and major decisions, and the integrity and self-discipline of the audited executives. This process not only promoted the standardisation of executive duties but also stimulated their enthusiasm and entrepreneurial spirit.

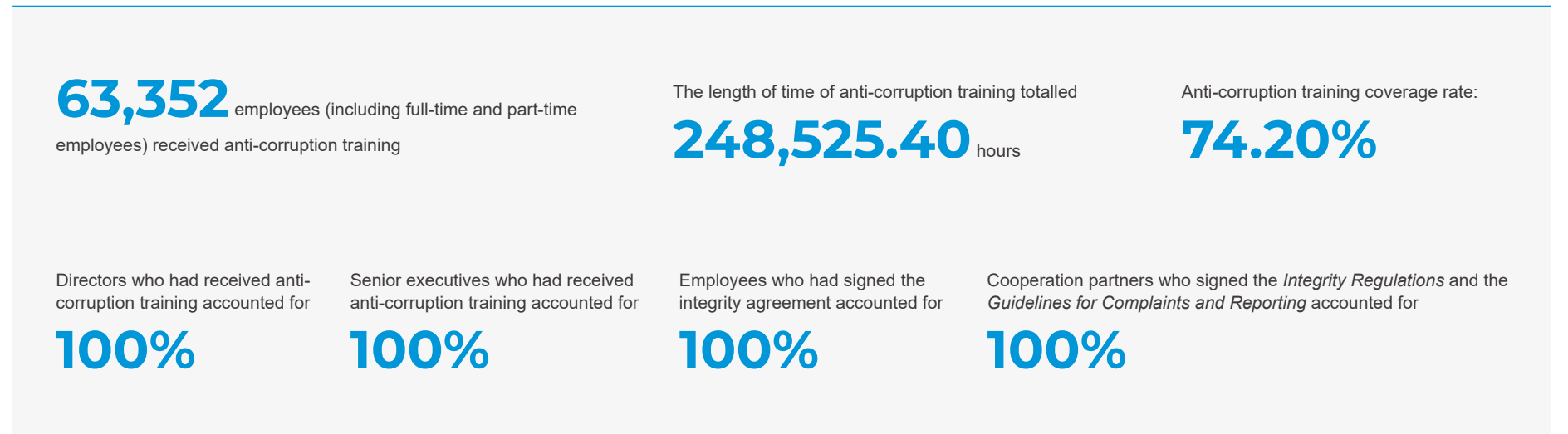
GAC Group fully implements the requirement for comprehensive economic responsibility audit supervision, ensuring that a full economic responsibility audit is conducted every

5 years across GAC Group's business scope.

Integrity Culture Development

GAC Group strengthens the compliance awareness of all employees and solidifies risk prevention through systematic anti-corruption training, committed to creating an atmosphere of integrity, anti-commercial bribery, and anti-corruption. This approach injects lasting momentum into the Company's sustainable and high-quality development.

In 2024, GAC Group used the study and implementation of the *Regulations on Disciplinary Action of the Communist Party of China* as an opportunity, combining regular and concentrated education. The Group promoted the Party Committee's theoretical study centre and various cadre training programmes, making the study of Party rules, regulations, and laws a compulsory course. It intensified the training and integrity reminders for young and newly appointed cadres, urging Party leadership to systematically understand internal Party regulations and national laws, thus creating a strong atmosphere of learning, understanding, observing, and upholding Party discipline. Combining legal education with warning education, the Group conducted tiered and classified warning education. Leaders of GAC Group's disciplinary inspection and supervision agencies conducted specialised seminars on the *Regulations on Disciplinary Action of the Communist Party of China*, deepened the analysis of typical cases, and thoroughly reviewed GAC Group's violations, especially those involving senior management. They compiled cases of improper investment and decision-making by senior management in state-owned enterprises and created warning case analysis materials. The Group deepened the use of case studies to promote ethics, discipline, law, and responsibility.



GAC Group's Anti-corruption Online Training via the Digital Platform for Disciplinary Inspection and Supervision

GAC Group, through its digital platform for disciplinary inspection and supervision, conducted online study and assessments on the Party Constitution, Party regulations, and Party discipline knowledge for 4,723 individuals across Party member leaders, key personnel in specific fields, members of grassroots Party branches, and full-time/part-time discipline inspection and supervision staff. The training and assessment results were incorporated into the annual Party conduct and integrity responsibility system evaluation, promoting the understanding and adherence to Party rules and discipline among the Group's Party member leaders. This further strengthened the ideological defence against corruption and misconduct.



GAC Group Held a Warning Education Session for Leadership Cadres

On 13 July 2024, GAC Group held a warning education meeting for leadership cadres. The meeting included a screening of warning education films such as the *Breaking the Door* and the *Fall of the Leading Goose*, along with a special briefing on the *Regulations on Disciplinary Action of the Communist Party of China*. The meeting aimed to deepen learning through case studies and promote understanding of Party discipline. Over 160 leadership cadres participated in the training.

Over

160

leadership cadres participated in the leadership cadres' warning education session.



The Leadership Cadres' Warning Education Session

Whistleblower Protection System

GAC Group has established the *Measures for Protecting and Rewarding Individuals for Reporting with Real Names*, which stipulates that the Group's discipline inspection and supervision agencies, petition offices, finance departments, and their staff must keep the contents of the reports and the information of the whistleblowers strictly confidential, ensuring the legitimate rights and interests of whistleblowers who report with their real names.

GAC Group prohibits any level, institution, or individual from obstructing or interfering with employees' right to report, or from retaliating against whistleblowers in any way. Additionally, the Group ensures that employees are not subjected to unfair treatment within the organisation because of their whistleblowing actions. The protection of whistleblowers is continuously promoted, and individuals and organisations are encouraged to legally and effectively report violations of discipline and law.

GAC Group has published the *Reporting and Complaint Guide* on its official website and welcomes all stakeholders to supervise the Group's Party organisations and Party member cadres at all levels. Any disciplinary or legal violations can be reported to the Group's Discipline Inspection Committee at any time.

Reporting Methods



Reporting hotline: +86 20 83151410

Reporting email: jubao@gac.com.cn

Reporting website: <https://jjjc.gac.com.cn:8443/xfjb/zxjb>

Reports mailed to: Discipline Inspection and Supervision Office, GAC Group, 668 Jinshan East Avenue, Panyu District, Guangzhou (Postcode: 511434)

5. Compliance and fair competition

GAC Group has always placed high importance on combating unfair competition and requires the Board of Directors to take ultimate responsibility for any negative events related to unfair competition involving GAC Group. It is committed to creating a fair and just market competition environment, continuously promoting the fair and orderly development of both domestic and international passenger car markets.

To effectively prevent unfair competition, GAC Group has established a comprehensive management system and strictly adheres to relevant laws and regulations such as the *Law of the People's Republic of China Against Unfair Competition* and the *Anti-Monopoly Compliance Guidelines for Operators*. The Group continues to improve the *GAC Group Anti-Monopoly Compliance Guidelines for Concentrations of Undertakings* and the *GAC Group Anti-Unfair Competition Law Compliance Guidelines*. GAC Group ensures that all departments are held accountable for their roles in combating unfair competition, covering key areas such as market sales, technological R&D, and procurement. Regular and ad-hoc supervision and inspections are conducted on key positions, which are also incorporated into the compliance assessment and management system.

GAC Group conducts internal control checks to address the risks of unfair competition, with regular and ad-hoc reviews of key areas such as contract signing, tendering processes, and financial expenses. The Group utilises technical tools and information management systems to monitor and identify potential violations, while also establishing an external feedback and complaint window for unfair competition suggestions and supervision. This ensures comprehensive fair competition management across the entire scope of GAC Group.

GAC Group adheres to fair competition, advertising compliance, and market transaction rules, fully preventing unfair competition behaviours such as commercial bribery, false advertising, and infringement of trade secrets. Through regular updates of laws and regulations, case studies, and training sessions, the Group helps and guides all employees to understand antitrust compliance requirements and their practical applications. At the same time, the Group prohibits any employee from disclosing commercial secrets or infringing upon others' legitimate rights through illegal or other unfair means. GAC Group is committed to maintaining a fair competitive market environment, continuously strengthening its compliance reviews, and fostering a transparent and compliant business ecosystem.



During the Reporting Period, no major incidents related to unfair competition, monopolies, or the infringement of trade secrets were found.

6. Safeguard the interests of investors

GAC Group continues to follow the *Administrative Rules for Investor Relations* and other internal regulations, maintaining the legal rights of shareholders and investors through surveys, communication meetings, and other methods. In 2024, the Group held two Shareholders' Meetings, three result releases and two open-day events for investors, received 110 investor visits, held 26 investor phone communication meetings, and welcomed 1,200 investors and analysts.

Additionally, GAC Group engages in direct and effective communication with minority shareholders and individual investors through various channels, including the SSE e-interactive platform, hotline, investor relations email, and official website. In 2024, GAC Group replied to over 200 questions from investors via the SSE e-interactive platform and 161 questions from investors via the service hotline, ensuring smooth communication with minority shareholders.

Regarding the protection of minority shareholder rights, GAC Group actively carries out stock buybacks to enhance shareholder returns. In May 2024, the resolutions passed at GAC Group's 2023 Annual Shareholders' Meeting and the first A-shares and H-shares Shareholders' Meetings of 2024 approved the *Proposal for a Stock Buyback Plan through Centralised Bidding*. By the end of February 2025, the buyback plan had accumulated a total of 299 million shares, representing 2.93% of the total shares, with 13.51 million A-shares and 285 million H-shares repurchased, effectively boosting investor confidence.

In terms of information disclosure, GAC Group strictly adheres to the information disclosure rules of the A-share and H-share markets, and upholds the principles of "truthfulness, accuracy, completeness, timeliness, and fairness" to ensure the legality, consistency, and synchronisation of information disclosure in both markets. In 2024, GAC disclosed 206 announcements in the A-share market, including four interim reports, and 190 announcements in the H-share market, including four interim reports.

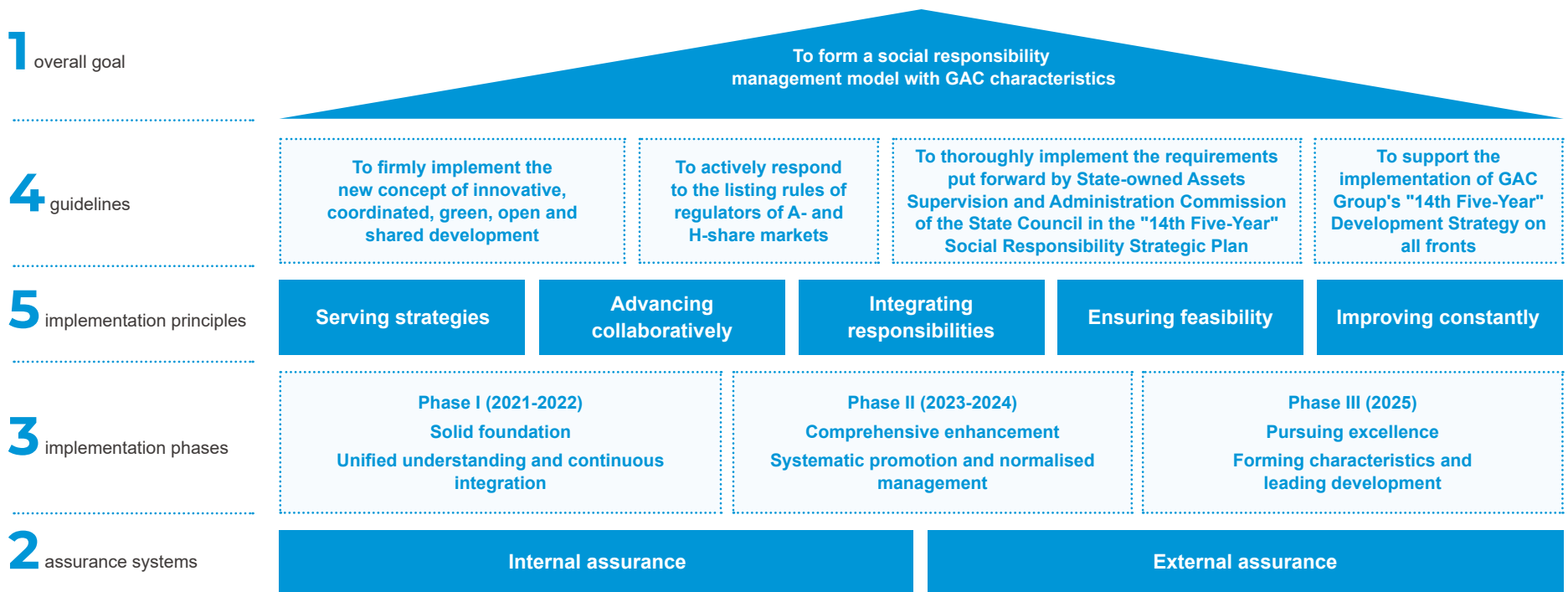
In 2024, GAC Group convened

2 Shareholders' Meetings
 3 result releases
 2 investor open-day events

ii. Responsibility Management

1. The "14th Five-Year" Social Responsibility (ESG) Development Plan



As a company listed on both the A-shares and H-shares markets, GAC Group actively responds to the country's macro strategies. Focusing on the needs of stakeholders, the Group has analysed the external environment impacting its social responsibility efforts and formally released the "14th Five-Year" Social Responsibility (ESG) Development Plan in 2022. This plan aims to improve the top-level design of the Group's social responsibility work and comprehensively guide GAC Group's future development in the field of social responsibility (ESG). Under the guidance of this plan, GAC Group has steadily advanced relevant work during this Reporting Period.



"14th Five-Year" Social Responsibility (ESG) Development Plan

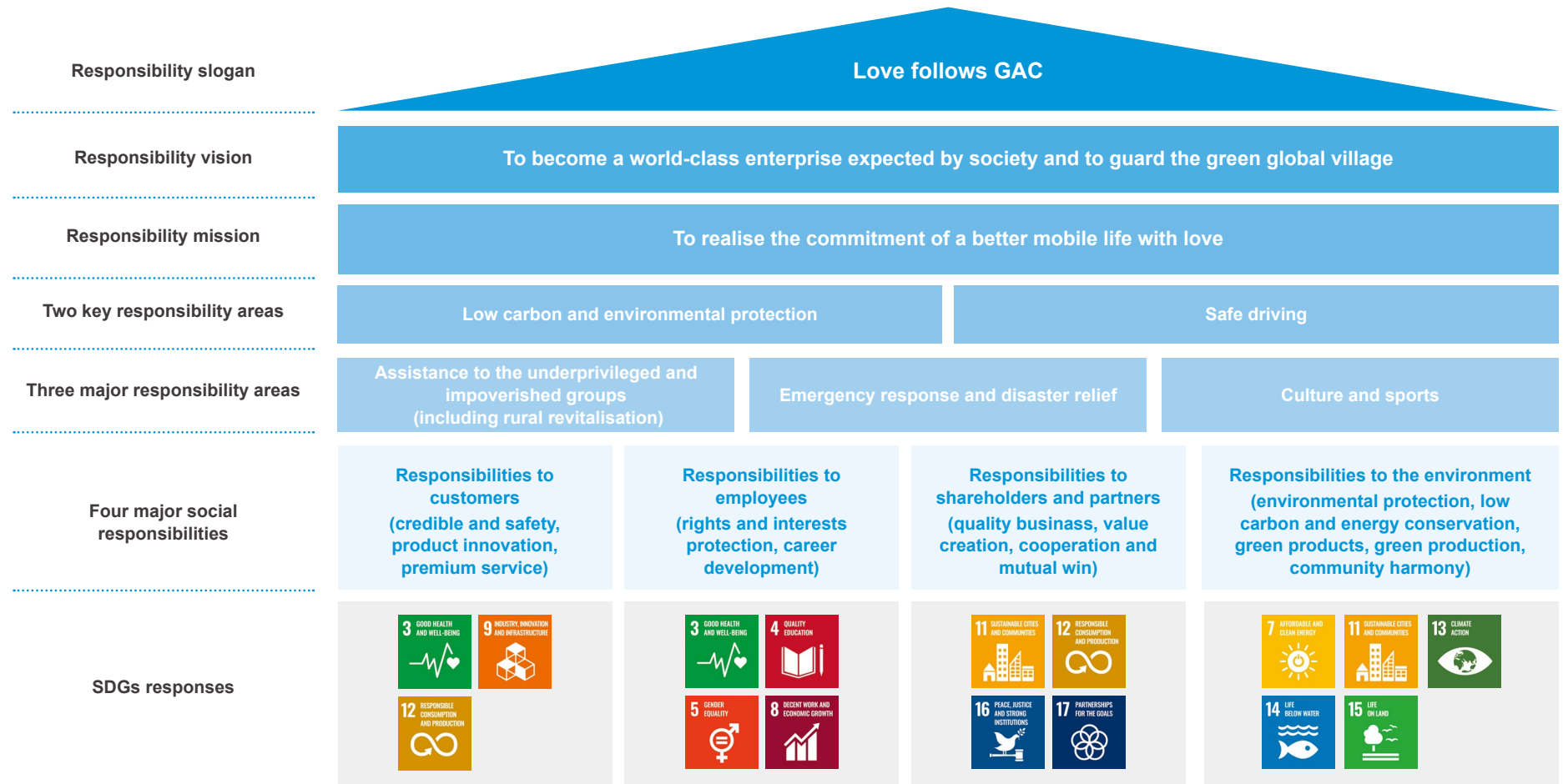
<p>Set 1 overall goal</p> <p>By the end of the "14th Five-Year Plan" period (end of 2025), the Group will achieve full integration, efficient management, systematic practice, and three-dimensional communication of social responsibility concepts, and form a social responsibility management model with GAC Group's characteristics.</p>	<p>Integrate 4 guidelines and 5 implementation principles</p> <p>The Group will establish policies and plans such as the "State-owned Assets Supervision and Administration Commission of the State Council's '14th Five-Year' Social Responsibility Strategic Plan" and "A+H Dual-market Listing Supervision Guidelines" as four guidelines, and formulate five implementation principles, such as the principle of serving strategy and the principle of responsibility integration, to guide the Group's social responsibility work in a comprehensive manner.</p>	<p>Form a responsibility philosophy system that runs through the 3 implementation phases</p> <p>A responsibility philosophy system with the responsibility slogan "Love follows GAC", the responsibility vision "to become a world-class enterprise expected by society and to guard the green global village", and the responsibility mission "to realise the commitment of a better mobile life with love", will be formed running through the three implementation phases of the "Plan".</p>	<p>Maintain the "internal + external" 2 major assurance systems</p> <p>Internal assurance: The Group will improve the management system for social responsibility (ESG) work, strengthen the development of the social responsibility (ESG) talent team, allocate special funds for fulfilling responsibilities, and establish responsibility mechanisms, among other measures.</p> <p>External assurance: The Group will maintain communication with stakeholders, develop an external cooperation network for social responsibility (ESG), and other initiatives.</p> <p>These measures ensure that the social responsibility (ESG) work is carried out in an orderly and efficient manner</p>
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Three-Step Implementation Path for GAC Group's "14th Five-Year" Social Responsibility (ESG) Development Plan

Implementation Phase	Phase Characteristics	Iconic Results	Progress
Phase I (2021-2022)	Solid foundation: Unified understanding and continuous integration	<ul style="list-style-type: none"> Form an social responsibility (ESG) philosophy system Unify all employees' sense of responsibility Establish an ESG system Carry out a series of "Responsible GAC" themed activities 	Completed 
Phase II (2023-2024)	Comprehensive enhancement: Systematic promotion and normalised management	<ul style="list-style-type: none"> Integrate social responsibility (ESG) philosophy into daily operations and management Establish a digital information platform for social responsibility (ESG) Form a number of unique long-term, and sustainable social responsibility brand projects Create an integrated unified philosophy system of "Responsible GAC", "Innovative GAC" and "Technological GAC" 	Completed 
Phase III (2025)	Pursuing excellence: Forming characteristics and leading development	<ul style="list-style-type: none"> Form an industry-leading social responsibility (ESG) promotion model with GAC Group characteristics Extensively link stakeholders to promote responsibility assumption Deeply integrate functions and operations with social responsibility (ESG) Establish the Group's external social responsibility (ESG) image 	To be completed in 2025

Responsibility Philosophy

Centring on the responsibility slogan "Love follows GAC", the Group carries out social responsibility (ESG) works with the responsibility vision "to become a world-class enterprise expected by society and to guard the green global village", and has streamlined and developed the "1234" GAC Group social responsibility philosophy system to lay a sound foundation for sustainable, comprehensive, and high-quality development.



GAC Group Social Responsibility Philosophy System

Management Structure

GAC Group has optimised its social responsibility (ESG) management structure, clearly defining the division of responsibilities at each management level to ensure the orderly advancement of social responsibility (ESG) efforts.

The Group has established a clear reporting mechanism for social responsibility (ESG): Each year, the Management is required to report on social responsibility supervision to the Strategy Committee. After hearing the Management's report on social responsibility (ESG) work, the Strategy Committee submits relevant proposals to the Board of Directors for approval. For details regarding the management structure related to climate change, please refer to the "Climate Change Tackling" section of this report.

Social Responsibility (ESG) Management Structure

Structure	Personnel Composition	Work Duties
Social Responsibility (ESG) Steering Group	<ul style="list-style-type: none"> Group leader: Chairman of the Group Deputy group leader: President of the Group Members: Members of the Group's operational leadership 	<ul style="list-style-type: none"> Make decisions on major social responsibility strategic directions (including key risks and opportunities); Review the operation of the social responsibility management structure; Provide organisational, personnel, and financial support for the operation of the ESG system; Hear reports from the social responsibility working group (including goal implementation, report disclosure, and risk control); Report on social responsibility management to the Strategy Committee or Board of Directors and assist the Board of Directors in issuing the "ESG Statement".
Social Responsibility (ESG) Working Group	<ul style="list-style-type: none"> Group leader: Head of the Group's Brand and PR Department Deputy group leaders: Director of the Group's Branding & Communication Department, Director of the Board Office, Director of Operation Management Department Members: Heads of all functional departments of the Group and its affiliates 	<ul style="list-style-type: none"> Develop the social responsibility work plan; Identify and manage compliance matters related to the latest social responsibility (ESG) requirements; Set social responsibility (ESG) goals and monitor progress towards achieving them; Disclose social responsibility (ESG) information and respond to investors and rating agencies; Communicate with social responsibility stakeholders (government, investors, suppliers, customers, etc.); Promote public welfare, charity, rural revitalisation, and other initiatives.
Social Responsibility (ESG) Execution	<ul style="list-style-type: none"> Leaders in charge of affiliates Responsible department and contact person for social responsibility (ESG) of each affiliate 	<ul style="list-style-type: none"> Implement risk management: Carry out the Group's work objectives and plan for each ESG issue, as well as the risk control requirements; Set and follow up on goals: The affiliate sets a work plan and objectives for each ESG issue based on their actual circumstances; Collect information: Collect and submit materials and data on a regular basis.

Ability to Fulfil Responsibly

In 2024, GAC Group, guided by the "14th Five-Year" Social Responsibility (ESG) Development Plan", fulfilled its responsibilities as a state-owned enterprise and continued its efforts in social responsibility management. 2024 marks the first year of the regular operation of GAC Group's ESG digital management system. By enhancing the management and analysis capabilities of ESG data, the Group aims to improve the scientific and accurate nature of its decision-making, thereby contributing to sustainable social and environmental development.

Strengthen the ESG Management System

In 2024, GAC Group continued to strengthen its ESG responsibility fulfilment capabilities. In accordance with the SSE's *Self-regulation Guidelines for Listed Companies No. 14 - Sustainability Report (Trial)*, the Group has updated its social responsibility (ESG) issue list, ensuring the implementation of issue management responsibilities at each execution level. For key issues, each affiliate established a dedicated management structure, clarified management responsibilities, and reinforced issue management.

Affiliate	Social Responsibility Structure	Specific Responsibilities
GAC R&D Centre	Environmental Protection Working Body	Responsible for assessment, monitoring, pre-treatment, temporary storage, compliant emission, and outsourced disposal of pollutants; environmental risk assessment, hazard identification, and emergency management.
	Safety Production Committee	Manage production safety, fire safety, traffic safety, occupational health, and other related work.
GAC Motor	Carbon Emissions Management Committee	Establish a Carbon Emissions Management Committee—Carbon Emissions Management Working Group—Carbon Emissions Management Affairs Bureau—Specialised Technical Team Control Mechanism.
	Safety Production Committee	Appoint the first responsibility holder for production safety as the director of the safety committee, responsible for managing production safety, fire safety, traffic safety, and occupational health.
GAC Honda	Ecological Environment Management Committee	Legally fulfil safety production and environmental management responsibilities, analyse safety and environmental production issues in combination with laws, regulations, government requirements, and business actualities, and research solutions.
	Safety Production Committee	
GAC Toyota	Corporate Social Responsibility (CSR) Committee	Establish a Corporate Social Responsibility (CSR) Committee, form a CSR Affairs Bureau and Office, and assign CSR responsibilities to the Heads of CSR in each department; develop a CSR strategy based on the "SMILE" Social Responsibility Framework to actively respond to the United Nations Sustainable Development Strategy.
	Environmental Management Affairs Bureau	In terms of mechanism assurance, a multi-level environmental governance mechanism is established, including the Environmental Management Committee, Environmental Affairs Bureau, and departmental working groups; in terms of goal management, a five-year planning cycle is established to set clear carbon reduction targets and pathways, ensuring low-carbon and environmental sustainability throughout the entire lifecycle of vehicles.
	Safety Production Committee	Establish a Safety and Health Committee, with a Safety Committee Office underneath, to implement national and higher-level safety production decisions, policies, and regulations, with focus on prevention and emphasis on the "people, material, and management" elements, continuously advancing and improving a preventive safety management system.

Affiliate	Social Responsibility Structure	Specific Responsibilities
GAC Hino	Safety Production Committee	Organise departmental activities for safety production (including production, fire safety, traffic safety, and occupational health) with a Safety Production Committee Office underneath.
	Inspection Director Mechanism	Responsible for quality management activities and the operation of the quality assurance system.
Wuyang-Honda	Safety Production Committee	Fully responsible for safety production management matters.
	ESG Committee	Manage ESG matters based on Board of Directors' instructions, review and evaluate development plans and corporate governance structure.
ONTIME Mobility		
Upower Energy	Safety Production Committee	Fully responsible for the safety production work of the department, with a Safety Production Committee Office underneath.
GAC Finance	Safety Production Committee	Responsible for daily safety production work, developing annual work plans, and implementing various tasks throughout the year according to the safety production management system.
China Lounge Investments	Safety Production Committee	Fully responsible for safety production management matters.

Conduct Regular ESG Training

GAC Group requires all levels of management to continuously deepen their understanding of social responsibility and ESG policies and actively practice them. At the launch of every annual social responsibility report preparation process, a special ESG training session would be held. The session invites department heads from the Group's headquarters, senior executives from affiliates, and relevant management personnel. Together, they discuss the latest trends in ESG policies and the progress of implementing the ESG strategy. On 3 January 2025, GAC Group held the launch meeting for the 2024 ESG Report preparation at its headquarters, further reinforcing its steadfast commitment to fulfilling corporate social responsibility and driving sustainable development.

Continuously Improve ESG Performance




GAC Group enhances its ESG risk response capabilities by continuously strengthening internal management and developing corresponding plans to expand its positive impact. The table below shows the specific awards that GAC Group received in 2024 related to ESG issues:







No	Award Recipient	Award Name	Awarding Organisation
1	Guangzhou Automobile Industry Group Co., Ltd.	» 2024 <i>Fortune</i> China ESG Impact List	<i>Fortune China</i>
2	Guangzhou Automobile Industry Group Co., Ltd.	» 2024 <i>Fortune</i> Global 500 - ranked 181st	<i>Fortune China</i>
3	Guangzhou Automobile Industry Group Co., Ltd.	» 2024 <i>Fortune</i> China 500 - ranked 50th	<i>Fortune China</i>
4	Guangzhou Automobile Group Co., Ltd.	» Top 100 ESG Pioneer Listed Chinese Companies - GAC Group ranked 27th , 2nd in the automotive industry	China Media Group (Financial and Economic Programme Centre)
5	Guangzhou Automobile Group Co., Ltd.	» Ranked 1st on the list of the "ESG Development Index of Chinese ESG Listed Companies Among State-owned Enterprises in the Greater Bay Area"	China Media Group (Financial and Economic Programme Centre)
6	Guangzhou Automobile Group Co., Ltd.	» Ranked 2nd on the list of "China ESG Listed Companies Social Value Management • Top 30 Index" , 1st in the automotive industry	China Media Group (Financial and Economic Programme Centre)
7	Guangzhou Automobile Group Co., Ltd.	» Ranked 9th on the list of "Top 50 ESG Pioneer Listed Chinese Companies in the Greater Bay Area" , 1st in the automotive industry	China Media Group (Financial and Economic Programme Centre)
8	Guangzhou Automobile Group Co., Ltd.	» Top ten case of "Building Green and Beautiful Guangdong" selected into the research group of the <i>Blue Book: Research Report on Corporate Social Value of State-owned Enterprise in the Greater Bay Area (2024)</i>	Social Responsibility Bureau of State-owned Assets Supervision and Administration Commission of the State Council, State-owned Assets Supervision and Administration Commission, the People's Government of Guangdong Province, China Enterprise Reform and Development Society, China Social Responsibility 100 Forum
9	Guangzhou Automobile Group Co., Ltd.	» An excellent case of CSR practice in China's automotive industry in 2024 - "Technology Empowerment, Innovation-Driven" Case awarded the "Intelligent and Innovative Technology" title	Guiding organisation: China Association of Automobile Manufacturers Publishing organisation: GoldenBee ThinkTank
10	Guangzhou Automobile Group Co., Ltd.	» An excellent case of CSR practice in China's automotive industry in 2024, - "Deepening New Quality Production to Build a Craftsmanship Brand" Case awarded the "Quality Service" title	Guiding organisation: China Association of Automobile Manufacturers Publishing organisation: GoldenBee ThinkTank
11	Guangzhou Automobile Group Co., Ltd.	» An excellent case of CSR practice in China's automotive industry in 2024, - "Leveraging State-Owned Enterprise Value to Promote Rural Revitalisation" Case awarded the "Harmonious Co-construction" title	Guiding organisation: China Association of Automobile Manufacturers Publishing organisation: GoldenBee ThinkTank
12	Guangzhou Automobile Group Co., Ltd.	» Gold Cup in the 2023 Guangzhou 6.30 Campaign for Rural Revitalisation Jinsui Cup	Guangzhou Municipal Pairing Assistance and Support Cooperation Leading Group
13	Guangzhou Automobile Group Co., Ltd.	» Gold Cup in the 2023 "Guangdong Kapok Cup for Poverty Relief"	Guangdong Provincial Leading Group for Poverty Alleviation and Development
14	Guangzhou Automobile Group Co., Ltd.	» 30th Anniversary Special Tribute to Caring Enterprises	Guangzhou Charity Federation
15	Guangzhou Automobile Group Co., Ltd.	» 2023 Southern Public Welfare Brand Award	Southern Public Welfare

2. Issue materiality assessment

Survey of Stakeholders

GAC Group places great importance on maintaining effective communication with its stakeholders. The Company has established a regular communication mechanism with various internal and external stakeholders, including government or regulatory authorities, investors/shareholders, employees, consumers, suppliers and partners, public welfare and charitable organisations, community residents in operational areas, media, universities/research institutions, industry associations, and chambers of commerce. Through this ongoing communication process, GAC Group continuously identifies the concerns and expectations of its stakeholders and takes prompt action to address their requests. This mechanism ensures that the Company can respond proactively to stakeholders' needs, fostering trust and alignment with societal and business objectives.

Stakeholder	Main Concerns		Communication Methods		Response Strategy	Communication Frequency
 Government or regulatory authorities	<ul style="list-style-type: none"> Compliant operation Safety and environmental protection Economic development Tax payment according to law 	<ul style="list-style-type: none"> Job creation State-owned enterprise responsibilities Suggestion and advice offering 	<ul style="list-style-type: none"> Supervision Strategic cooperation Information submission 	<ul style="list-style-type: none"> Work report Statistical report 	Strictly comply with laws and regulations, actively participate in government projects, fulfil state-owned enterprise responsibilities, proactively report on business operations and development plans, and contribute to the development of the local economy.	At least once per quarter, with timely communication on major matters as needed
 Investors/shareholders	<ul style="list-style-type: none"> Corporate governance ESG performance Performance growth 	<ul style="list-style-type: none"> Dividend distribution Information transparency 	<ul style="list-style-type: none"> Shareholders' meeting Investor open day Information disclosure 	<ul style="list-style-type: none"> On-site inspection Roadshows Email/telephone inquiries 	Enhance corporate governance, improve ESG performance, regularly disclose financial data and business results, establish a reasonable dividend distribution policy, and safeguard shareholders' right to information.	Regularly (e.g., quarterly) disclose financial reports and promptly notify of major events.
 Employees	<ul style="list-style-type: none"> Legitimate rights and interests Compensation and benefits Career development 	<ul style="list-style-type: none"> Occupational health Employee care 	<ul style="list-style-type: none"> Collective consultation Selection of outstanding individuals Rational suggestions 	<ul style="list-style-type: none"> Skills competition Democratic management Harmonious atmosphere cultivation 	Respect employees' rights and interests, offer competitive compensation and benefits, establish a well-structured career development pathway, focus on employees' occupational health, and actively carry out employee care activities.	Communicate with employees as needed and address their feedback in a timely manner.

Stakeholder	Main Concerns		Communication Methods		Response Strategy	Communication Frequency
 Consumers	<ul style="list-style-type: none"> Product responsibility Safe travel Smart travel 	<ul style="list-style-type: none"> Customer privacy Customer service 	<ul style="list-style-type: none"> Satisfaction survey Agreement and contract 	<ul style="list-style-type: none"> Complaint mechanism Response and handling 	Ensure product quality, focus on product safety and intelligence, protect customer privacy, establish and improve the customer service system, and respond promptly to consumer needs.	Regularly collect customer requests and complaints through the customer service hotline, and actively make improvements.
 Suppliers and partners	<ul style="list-style-type: none"> Honesty and integrity Equal cooperation Mutual benefit and win-win cooperation 		<ul style="list-style-type: none"> Agreement contract Strategic cooperation 	<ul style="list-style-type: none"> Product and services Regular communication 	Adhere to honest business practices, establish long-term and stable partnerships with suppliers and partners, and jointly improve product quality and service levels.	Communicate with different employees irregularly and address supplier feedback and requests in a timely manner.
 Charitable organisations/social organisations/residents of the local community where the operations are based	<ul style="list-style-type: none"> Environmental protection Safe driving Poverty alleviation and assistance Emergency disaster relief 	<ul style="list-style-type: none"> Public welfare Green production Green operations 	<ul style="list-style-type: none"> Charitable activities Social welfare Community co-construction 	<ul style="list-style-type: none"> Financial and material assistance Safety and environmental protection training 	Actively engage in charitable causes, fulfil social responsibilities, strengthen environmental protection, conduct safe driving education, and contribute to community development.	Organise at least one major charitable event each year, and communicate on major matters as needed.
 Media	<ul style="list-style-type: none"> Information disclosure ESG performance 	<ul style="list-style-type: none"> Business performance Development plan 	<ul style="list-style-type: none"> Events Visitor/inspector reception Information disclosure 		Proactively release company information to the media, enhance transparency, spread the Group's ESG initiatives and achievements, and build a positive corporate image.	Communicate with the media as needed and promptly release information on major events.
 Universities/research institutions	<ul style="list-style-type: none"> Scientific research and innovation Talent development 		<ul style="list-style-type: none"> University-industry collaboration Academic research 	<ul style="list-style-type: none"> Technical cooperation Education and career support 	Strengthen cooperation with universities and research institutions, promote scientific research and innovation, jointly cultivate talent, and contribute to the development of the industry.	At least one regular communication per year.
 Industry association/chamber of commerce	<ul style="list-style-type: none"> Product responsibility Industry development 		<ul style="list-style-type: none"> Standard setting Industry communication 		Actively participate in industry association and chamber of commerce activities, promote the development of industry standards, share business development experiences, and foster healthy industry development.	Attend at least one industry conference per year and communicate on major matters as needed.

Analysis of Dual Materiality Issues

GAC Group, through active communication and proactive research efforts, regularly organises various research activities targeting different stakeholders. The aim is to comprehensively understand and collect their views and needs regarding GAC Group's pursuit of high-quality sustainable development, thereby continuously enhancing the Group's capabilities in sustainability.

1 Combine the current situation and background of GAC Group

By considering national policies, company activities, business relationships, and disclosure standards, the material issues for this year were identified and organised from multiple dimensions, forming a material issue database.

Policy Trend Analysis	Group Development Plan	Group Business Relationships	Disclosure Standards Analysis
Keep up with national macro policies and regulatory requirements, thoroughly research national and provincial policies and regulations, and, in conjunction with the industrial policies and regulations of the automotive, transportation, and new energy sectors, analyse the sustainable development trends of the automotive industry.	Identify key issues of significant importance to the Group's strategic objectives based on GAC Group's strategic development plan and annual business plan.	Based on GAC Group's upstream and downstream value chain and industry characteristics, identify the key ESG issues that are directly relevant to the industry.	Comprehensively refer to standards and regulatory requirements such as the GRI Standards, the United Nations Sustainable Development Goals (SDGs), the <i>International Financial Reporting Standards for Sustainability Disclosure</i> , the China Academy of Social Sciences' <i>Guidelines on Social Responsibility Reporting for Chinese Enterprises (CASS-ESG 5.0)</i> , the <i>Environmental, Social and Governance Reporting Guide</i> of the HKEX, and the SSE's <i>Self-regulation Guidelines for Listed Companies No. 14 - Sustainability Report (Trial)</i> , to identify and analyse the latest sustainability disclosure requirements.

2 Make a list of issues

Based on the above analysis, GAC Group identified a total of 24 ESG issues with financial materiality and impact materiality through internal processes such as due diligence and risk management. They include five governance issues, nine environmental issues, and ten social issues. For the specific list of issues, please refer to "Step 4: Report the issues" below.

3 Evaluate and confirm issue materiality

GAC Group, considering the characteristics of its industry and business operations, evaluated the financial materiality or impact materiality of the 24 issues through communications with stakeholders, benchmarking with peers, and internal assessments.

4 Report the issues

For the issues of dual materiality, action plans were developed and implemented, with key responses and disclosures provided in the report.

Ranking	Scope	Issue	Materiality
1	Social	Product Quality and Safety, and Customer Satisfaction	High
2	Social	Supply Chain Security and Responsibility	
3	Environmental	Circular Economy Development	
4	Environmental	Green Technology and Product Carbon Footprint	
5	Environmental	Waste Management	
6	Social	Innovation-Driven and Intellectual Property	
7	Environmental	Pollutant Management	
8	Social	Information Security and Privacy Protection	
9	Environmental	Climate Change Tackling	
10	Social	Employee Training and Development	Moderate
11	Social	Protection of Employee Rights and Interests	
12	Environmental	Energy Management	
13	Environmental	Environmental Compliance Management	
14	Governance	Business Ethics and Anti-Corruption	
15	Governance	Risk Management and Investigation	
16	Social	Occupational Health and Safety	
17	Social	Social Welfare and Contributions	
18	Governance	Communications with Stakeholders	
19	Environmental	Water Resource Management	General
20	Environmental	Ecosystem and Biodiversity Protection	
21	Social	Efforts in Rural Revitalisation	
22	Governance	Corporate Governance	
23	Governance	Compliance and Fair Competition	
24	Social	Fairness for Small and Medium-Sized Enterprises and Economic Development	

GAC Group 2024 Dual Materiality Issue Matrix



3. Statement of the Board of Directors

The Board of Directors of GAC Group deeply recognises the importance of sustainable development for the long-term growth of the Group. It reviews and confirms the Group's annual ESG goals and plans, regularly examines the Group's performance and progress in ESG, discusses public policies, strategies, and performance related to the environment, carbon neutrality, and climate change, and continuously monitors the direction of ESG development and the implementation of related tasks.

The Board of Directors is responsible for the Group's ESG matters, continuously identifying important ESG risks and opportunities related to the Group's business. It reviews ESG performance and progress, and supervises GAC Group's compliance with laws and regulations related to ESG issues.

The Board of Directors has ultimate responsibility for the implementation of ESG management policies and strategies. It regularly leads the assessment of ESG-related issues, determines priorities, and periodically hears reports from the ESG Steering Group and other relevant management. The Board reviews and approves the *Social Responsibility Report*, *Environmental, Social and Governance Report*, and other ESG management policies, while monitoring the progress of ESG-related objectives.

In compliance with listing rules, GAC Group has set key ESG targets on GHG emissions, pollutant discharge, and resource consumption. The Board of Directors reviews and discusses these targets, regularly monitors their achievement progress, and ensures that the Group moves forward steadily on the path of sustainable development.



02

Intelligent Connection and Value Creation to Secure Innovation First

- **Craftsmanship of Quality Products** 49
- **In-Depth Innovation and Transformation** 58



Response to the *SSE Guidelines* issues:

Innovation-Driven, Safety and Quality of Products and Services, Data Security and Customer Privacy Protection



HKEX KPIs:

B6, B6.1, B6.2, B6.3, B6.4, B6.5



Relevant GRI indicators:

2-25, 203-1, 416-1



The SDGs addressed in this chapter



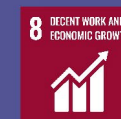
SDG 3 - GOOD HEALTH AND WELL-BEING



SDG 9 - INDUSTRY, INNOVATION AND INFRASTRUCTURE



SDG 12 - RESPONSIBLE CONSUMPTION AND PRODUCTION



SDG 8 - DECENT WORK AND ECONOMIC GROWTH



SDG 11 - SUSTAINABLE CITIES AND COMMUNITIES

02

GAC Group adheres to the quality philosophy of "Crafted by the Driven." Starting from user needs, it comprehensively enhances quality management, quality safety, user service, and privacy protection. Focusing on areas such as new energy and intelligent connectivity, the Group vigorously promotes independent innovation, contributing to enriching users' mobile lives, advancing industrial progress, and promoting high-quality social development.

Goals and Progress

Goal Setting	Progress Review	Improvement Plan for the Next Phase
Product Quality and Safety, and Customer Satisfaction		
Plan to expand the scope of ISO 9001 Quality Management System certificate and gradually improve the Group's overall Quality Management System.	A total of 13 affiliates received ISO 9001 Quality Management System certificate this year.	Continuously improve the scope of ISO 9001 Quality Management System certificate for affiliates, while actively expanding other quality and safety-related certifications, and comprehensively optimise the Group's Quality Management System.
Information Security and Privacy Protection		
Strengthen information and privacy management, encourage and promote affiliates to obtain ISO 27001 Information Security Management System certificate.	A total of 4 affiliates received ISO 27001 Information Security Management System certificate this year.	Continue to expand the scope of ISO 27001 Information Security Management System certificate, establish and improve the internal information security systems of affiliates, and strengthen the Group's information security and customer privacy protection.
Innovation-Driven and Intellectual Property		
Maintain stable R&D funding and investment, continuously enhance R&D capabilities, and provide a solid foundation for independent innovation.	R&D investment of RMB 7,508 million, accounting for approximately 6.97% of consolidated total revenue.	Further increase the proportion of independent research and development investment and optimise the efficiency of R&D fund utilisation.

i. Craftsmanship of Quality Products

1. Product quality management

Quality Management System

GAC Group, guided by the "e-TIME Action" plan, sets clear KPI targets for quality management. With IGA innovation-driven and GAC Digital Accelerator (GDA) enabling digital intelligence, the "Craftsmanship Conduct" quality management model is implemented. Through the dual-circulation approach of 3D Cycle (Demand-Draw&Dream-Define) and PDCA Cycle (Plan-Do-Check-Action), GAC Group continuously strengthens its quality goal of "zero defects and striving for world-leading products and services."



GAC Group, guided by the GAC Quality Culture and supported by the "Craftsmanship Conduct" GAC Quality Management Model, continuously optimises its quality management system.

Comprehensive Quality Management

GAC Group strictly adheres to the *Product Quality Law of the People's Republic of China*, with the quality policy of "Quality First, Innovation-Driven, Continuous Improvement, Customer Satisfaction." Both the Group and its affiliates follow the unified requirements of the GAC Group Quality Management System, specifying the tools and methods for product quality management and implementing comprehensive quality management across all stages. The Group focuses on design, parts and components, manufacturing, and service quality, ensuring integrated management across all personnel and processes, and ensuring that every stage, from product development to after-sales service, is subject to strict supervision and traceability.

Product R&D	Supplier Management	Product Manufacturing	Marketing and Services
<ul style="list-style-type: none"> GAC Group attaches great importance to the development of independent R&D capabilities. GAC R&D Centre has established three major independent R&D systems: technological innovation, platform development, and product development, while implementing an expert review responsibility system. Each manufacturing enterprise, based on its specific circumstances, has formulated institutional documents such as the <i>Management Process for Product Design Development</i> and the <i>Evaluation of Quality in Product Design and Development</i>, establishing a complete R&D process from design and development, model introduction, trial production and certification, to design changes. 	<ul style="list-style-type: none"> GAC Group has established a comprehensive supplier management system. From supplier selection and component development to quality management, the Group has formulated standard documents such as the <i>Supplier Selection Process for Localised Parts</i>, the <i>Parts Localisation Management Process</i>, the <i>Localised Parts Procurement Management Process</i>, and the <i>Performance Management Process for Mass Production Parts Suppliers</i>. 	<ul style="list-style-type: none"> GAC Group upholds the production philosophy of striving for excellence, establishing high-quality production standards and defining operational norms for each process. By implementing activities such as source flow improvement and process completion, the Group achieves standardised management across the entire production process. Strict adherence to requirements such as the <i>Production Consistency Control Plan</i> ensures that product manufacturing quality is controllable throughout the entire process. 	<ul style="list-style-type: none"> GAC Group has formulated standard documents such as the <i>Management Process for Dealer Service Shops</i>, the <i>Management Process for After-Sales Services</i>, and the <i>Management Process for Customer Satisfaction</i> to comprehensively control sales network development, business training, and service management. Through initiatives such as customer communities, smart store upgrades, and digital scenario applications, the Group strengthens brand building and enhances user experience. At the same time, a 24/7 information collection platform is established to quickly respond to customer needs and build a full-service system covering pre-sales, sales, and after-sales processes.
Quality Informationisation Development	Building a Quality Management Talent Pool	Quality Inspection and Improvement Mechanism	
<ul style="list-style-type: none"> GAC Group is fully advancing informationisation development, developing and integrating digital platforms such as MES (Manufacturing Execution System), SQS (Supplier Management System), GRT (Digital Marketing System), GQS (Quality Information Management System), and OTA (Over-the-Air Software Update System), continuously enhancing management efficiency. 	<ul style="list-style-type: none"> GAC Group deepens experience exchange between enterprises through forms such as the annual quality work conference, special meetings, and workshops. Relying on platforms like the "GAC Training Centre" and "GAC Motor Quality Academy," the Group conducts talent training and special activities such as "Labour Competitions" and "Quality Up", comprehensively enhancing the management and quality inspection capabilities of quality personnel. 	<ul style="list-style-type: none"> All vehicles produced by the Group must undergo final inspection by the Quality Department before leaving the factory, ensuring compliance with requirements such as the <i>Vehicle Quality Benchmark</i>. The items, methods, frequency, and handling of non-conformities during the final inspection strictly follow normative documents and operational inspection standards, including the <i>Production Consistency Control Plan</i>, the <i>Vehicle Quality Benchmark</i>, and the <i>Non-conforming Product Management Procedures</i>. GAC Group has established specialised testing facilities such as battery, motor and electrical control laboratories, odour testing laboratories, NVH (Noise, Vibration, and Harshness) certification laboratories, metrology and physical chemistry laboratories, engine bench test laboratories, vehicle VOC laboratories, and on-road emissions laboratories, continuously strengthening its quality and safety testing capabilities. The Group implements full-process product quality control through systems such as the <i>Management Process for Market Measures</i> and the <i>Management Process for Monitoring and Measuring Devices</i>. Additionally, regular internal audits and third-party external audits are conducted to promptly identify and resolve quality issues. 	

Quality Management System Certification

GAC Group follows the philosophy that "Quality is Manufactured," and based on standards such as ISO 9001 Quality Management System and China's mandatory product certification, integrates internationally advanced methods to create a quality assurance system with GAC Group's unique characteristics. The Group regularly conducts internal audits, management reviews, and third-party audits to ensure the continuous and effective operation of the quality system.

Quality Management Certification Status

ISO 9001 Quality Management System Certificate	<ul style="list-style-type: none"> GAC R&D Centre GAC Motor AION GAC Honda GAC Toyota GAC Hino Wuyang-Honda GAC Component Digital Science GAC Business Upower Energy ONTIME Mobility Zhicheng Industry
IATF 16949 Automotive Industry Quality Management System Standard	<ul style="list-style-type: none"> GAC Component
CTS CAC-MS-22 New Energy Vehicle Safety Management System Certification	<ul style="list-style-type: none"> GAC Toyota



GAC's EMZOOM Wins ASEAN NCAP Five-star Safety Certification, Demonstrating Strong Commitment to Travel Safety

On 15 August 2024, the ASEAN New Car Assessment Programme (ASEAN NCAP) officially announced the crash test results for the EMZOOM of GAC. As GAC Group's first model to undergo overseas evaluation, the EMZOOM received the highest five-star safety rating with a total score of 88.39 points.

Against the backdrop of accelerating the internationalisation of proprietary brands, particularly focusing on the Southeast Asian market, GAC Group continues to improve its overseas certification and evaluation systems, while strengthening the layout of GAC Group's safety standards.

As GAC Group's first model to undergo overseas evaluation, the EMZOOM received the highest five-star safety rating with a total score of

88.39 points



The EMZOOM Has Won the ASEAN NCAP Five-star Safety Certification

Handling of Quality Problems

GAC Group always regards customer trust as the foundation and provides a complete service process to its customers. The Group reviews product issues in accordance with laws and regulations, strictly complying with the *Regulations on the Administration of the Recall of Defective Auto Products* and the *Measures for the Implementation of the Regulations on the Administration of the Recall of Defective Auto Products*. Based on its business characteristics, the Group has established a comprehensive process for handling automobile product safety risk assessments and controls, recall implementation, recall effect evaluations, and recall traceability. It also promptly discloses recall vehicle data in accordance with regulations. During the Reporting Period, detailed information on vehicles recalled by GAC Group can be queried on the website of the State Administration for Market Regulation.

Quality Safety Training

GAC Group regards quality safety training as a key approach to enhancing product quality. The training management system covers multiple dimensions, including product safety, quality control, and operational standards, and is conducted through platforms such as the "GAC Training Centre" and "GAC Motor Quality Academy." Each affiliate, based on its specific business characteristics, combines theoretical knowledge with practical operations to improve the professional skills of key positions and deepen the quality awareness of all employees.

GAC Motor	Conduct new product knowledge training covering product safety, with a total of 7,487 participants trained in 2024.
GAC Toyota	Based on the "Quality First" philosophy, a medium-to-long-term plan to enhance quality awareness has been developed, with year-round activities focused on improving quality awareness. The Group continuously improves the quality assurance talent training system, offering customised quality training plans for each employee. Regular training and assessments are organised to help managers, engineers, and frontline workers enhance their quality improvement capabilities.
Wuyang-Honda	In the production field, the "Everyone is a Quality Inspector" activity was carried out, with an 86.5% participation rate in 2024, collecting 288 quality improvement proposals. A total of 22 specialised training sessions, including blueprint verification, were completed, covering 277 participants. In the quality field, 106 system courses were completed, covering 1,270 participants. A combination of theoretical and practical training was adopted, covering the entire process of component inspection and vehicle inspection.
GAC Component	Implement a company-wide training plan covering basic quality knowledge, GAC Thinking and Practice (GTP), change point management, and other courses.
Upower Energy	Focusing on production training, a total of 17 sessions of second-life battery business training (526 participants) and 40 sessions of parts and components remanufacturing training (844 participants) were completed.

2. Product safety management

GAC Group strictly complies with national quality control requirements and actively participates in the evaluation of the China New Car Assessment Programme (C-NCAP), formulated by the China Automotive Technology & Research Center Co. Ltd. (CATARC). By conducting comprehensive safety performance tests on vehicles, including occupant protection, pedestrian protection, and active safety, more complete and objective vehicle safety information is disclosed to consumers.

In terms of new energy vehicle safety, the Group has established a new energy vehicle safety system for all new energy models, including preventative testing measures, to ensure coverage of all product quality scopes. This year, GAC Toyota has built a new energy vehicle safety management system, covering six aspects: safety management mechanisms, product quality safety, monitoring platform efficacy, after-sales service capabilities, accident response handling capabilities, and network security assurance, successfully passing the initial CTS CAC-MS-22 certification in September 2024.

In product testing, the Group continually enhances its quality testing capabilities of the battery, motor and electrical control laboratories, odour testing laboratories, NVH certification laboratories, metrology and physical chemistry laboratories, engine bench test laboratories, complete vehicle VOC laboratories, and on road emissions laboratories, continuously improving the Group's quality assurance system through the PDCA cycle during the testing process to ensure product safety and reliability meet standard requirements.



During the Reporting Period, the coverage rate of employee quality safety training, product safety tests before all models are launched, and internal product safety tests of all sales vehicles reached **100%**



The AION S Won the "Corrosion Resistance Excellence Model" Award, Showcasing AION's Quality Strength

In November 2024, AION was invited to attend the "2024 China Automotive Corrosion Technology Sharing and Automotive Overseas Market Corrosion Data Platform Launch Event." In the corrosion resistance quality survey of 27 best-selling models carried out by "CATARC Data," AION S won the "Corrosion Resistance Excellence Mode" award with its outstanding performance.

This award demonstrates AION's commitment to the "zero defects" production philosophy and the effectiveness of its full life-cycle quality QDR (high quality, high durability, high reliability) engineering: In the design phase, a large amount of galvanised sheet base material is used for the body, high corrosion resistance grade materials are selected for parts, and design optimisation is carried out using simulation software; in the process phase, ultra-high throwing power electrophoresis anti-rust primer is applied to achieve 100% full coverage of the body; in the manufacturing phase, strict anti-corrosion control projects and monitoring systems are established.



AION S Receives "Corrosion Resistance Excellence Model" Award



2024 China Automobile Corrosion Resistance Technology Sharing Event

3. Enhancement of user experience

GAC Group strictly adheres to the *Product Quality Law of the People's Republic of China*, the *Law of the People's Republic of China on the Protection of Consumer Rights and Interests*, the *Advertising Law of the People's Republic of China*, and other laws and regulations, upholding a quality goal of "zero defects and striving for world-leading products and services", aiming for "zero defects and 100% customer satisfaction." It implements the "golden triangle" model of direct interaction between the manufacturer, dealership, and customer across four key phases: R&D, manufacturing, sales, and service, achieving full value chain collaboration and improving customer service quality.

Customer Complaint Handling

System Improvement	Process Guarantee	Smooth Channels
According to their business characteristics, each of GAC Group's affiliates has formulated internal systems such as the <i>Measures for the Management of Customer Complaints</i> , the <i>Market Quality Crisis Incident Response System</i> , and the <i>Procedures for User Complaint Handling and Management</i> . Through a rapid response mechanism and the "Initial Inquiry Responsibility System", complaint service standards and assessment mechanisms for various situations are clarified to continuously optimise the customer complaint handling experience.	GAC Group continuously improves the closed-loop complaint handling mechanism, with the receiving department being responsible for the entire complaint handling process. It utilises a big data platform for problem diagnosis, process monitoring, and cross-departmental coordination work. The Group actively follows up on the resolution progress, actively collects customer feedback on the effectiveness and efficiency of the handling, and continuously optimises product and service management systems based on this.	GAC Group insists on taking the Voice of Customer (VOC) as the starting point, achieving efficient interaction with customers through platforms such as customer service hotlines, satisfaction surveys, WeChat public accounts, official websites, APPs of each GAC Group affiliate, and store-end services, ensuring timely response to customer opinions and suggestions.

GAC Group actively listens to and collects the Voice of Customers. Each of its affiliates has established an all-channel user feedback entry point to enable rapid response to demands.

GAC Motor	Through more than 500 authorised dealerships nationwide, a 7*24 customer service hotline, official website, WeChat public account, app online customer service, direct customer management services, and other complaint channels, the Company promptly responds to and resolves customer issues to ensure a 100% callback rate.
AION	AION has created a transparent work order customer complaint service model that integrates "online + offline" and "front-end + back-end services." Customers can track the progress of their work orders in real-time through the APP and provide additional feedback, optimising the service experience.
GAC Honda	GAC Honda is customer-focused, integrating multiple channels such as hotline calls, the internet, media, and market supervision offices to gather customer feedback. In 2024, the customer service platform had a 100% complaint resolution rate. GAC Honda build a company-level "customer voice sharing and source-to-countermeasure improvement system" in a customer-driven fashion to realise the "collection, processing, analysis of customer feedback, responsibility division, and countermeasure formulation and implementation."

GAC Toyota

GAC Honda handle customer complaints through the 400/800 service hotline, online customer service (official website, Fengyunxing, etc.), quickly responding to consumer needs and ensuring that complaints are 100% conveyed to dealers within one hour and 100% followed up within 24 hours. In 2024, the complaint resolution rate reached 100%.

Wuyang-Honda

Through a unified customer service hotline 95105798, "Wuyang-Honda Motorcycle" official WeChat, "Wuyang-Honda Link" APP, "Wuyang-Honda" APP, and official social media channels, the Company has achieved comprehensive customer communication. In 2024, the customer service platform achieved a 100% complaint resolution rate.

GAC International

The *Customer Complaint Management System* has been formulated. Customer complaints are handled via diverse channels such as the official website, official email, 400 service hotline, social media, and dealers, achieving 100% follow-up and resolution of all channel complaints by 2024.



GAC Honda Created an Integrated Online and Offline Service Model

In 2024, GAC Honda focused on live streaming and short videos online while initiating the "Joyful Car Maintenance" one-stop service centre construction plan offline, creating a diverse integrated service model.

This year, GAC Honda has fully initiated the "Joyful Car Maintenance" service centre construction plan offline. With a convenient location, advanced environmental facilities, and digital and intelligent technology, the service centre provides a convenient and high-quality one-stop car maintenance experience for GAC Honda and other brand customers.

Additionally, GAC Honda has innovatively designated the 8th of each month as the exclusive "Fan Day" IP, conducting online livestreaming events through the manufacturer and, with the help of the GAC Honda Mall platform, launching a variety of online activities to provide customers with an easy and convenient shopping experience. The live streaming has been watched over a million times cumulatively. At the same time, GAC Honda has established an after-sales "1+6+N" new media marketing matrix, spreading car use and maintenance knowledge and skills comprehensively through a series of short videos, reaching over five million customers and effectively improving customer experience and brand loyalty.



"Joyful Car Maintenance" Super Service Centre



GAC Honda Mall Livestreaming Event

Customer Satisfaction

GAC Group places high importance on customer satisfaction and product strength, striving to establish positive interactions between the Company and consumers. The Group actively builds a high-value and high-quality service system, focusing on improving after-sales service, enriching user service choices, and continuously tracking user satisfaction.



GAC Toyota, with Thoughtful Care, Enables Customers to Access High-quality Products and Services

In 2024, GAC Toyota, through hosting diverse customer service activities, conveys the brand's sincerity with professional and considerate services.

Caring Service Station Sites

During the National Day holidays, GAC Toyota, in collaboration with over 500 sales stores nationwide, set up caring service station sites at expressway service areas and tourist attractions across the country for the fifth consecutive year. The events not only cater to GAC Toyota owners but also provide services such as vehicle inspections, fluid replacements, and tea breaks to owners of all brands. This event covers more than 230 cities, serving over 10,000 customer groups.

24/7 Emergency Rescue Service

GAC Toyota's Internet of Vehicles Service Centre provides a 24/7 emergency rescue service, where users can contact the centre via the in-car SOS button or automatic airbag triggers. The system can accurately locate and coordinate nearby rescue resources to provide timely assistance. In 2024, the centre successfully completed emergency rescue requests for 13,760 car owners.

"Quality Month" Event

GAC Toyota conducts the "Quality Month" event centred on "Starting with Me, Full Staff Action, Letting Customers Feel High-Quality Products and Services", covering aspects such as re-inspection of quality, good product conditions/standardised preparations, workplace practices around the customer, quality learning hall/quality corner all-member learning, and supplier quality improvement. It also establishes the "Annual Outstanding Quality Award", encouraging employees in production, sales, research, and management departments to enhance their service awareness.

During the Reporting Period, GAC Toyota conducted customer satisfaction surveys among sales transaction customers and in-store maintenance owners, with sales transaction customer satisfaction reaching 99.5% and after-sales service satisfaction at 95.5%, both maintaining a high level.



National Day Customer Care Event



"Quality Month" Launch Meeting Group Photo

4. Information security and privacy protection

GAC Group attaches great importance to customers' privacy and information rights, strictly adhering to laws and regulations such as the *Personal Information Protection Law of the People's Republic of China* and the *Data Security Law of the People's Republic of China* and has established a dual privacy protection system from the vehicle end to the sales end. In addition, the Group continuously guides and monitors the management of information security and user privacy protection in its affiliates, each of which has established a complete internal information security system:

GAC R&D Centre	<ul style="list-style-type: none"> Updated and released the <i>Network and Data Security Management Measures</i> based on the original system, strengthening the graded protection of important national data, trade secrets, and user privacy data within the enterprise, forming a network security responsibility implementation mechanism of "horizontal to the edge, vertical to the bottom"; Completed most sub-items of the R&D digital network security project, enhancing the four major capabilities of enterprise security compliance management, security protection, data security, and security operations, with network security maturity improved to a score of 4.0; Conducted a collation of personal information and important national data and established a register, vigorously promoted desktop cloud deployment to achieve data cloud storage, and regularly conducted data security audits to ensure data security; Carried out R155/R156 system certification, implementing customer privacy protection measures during the product development phase; Implemented 7*24-hour network security routine duty work, promptly dealing with abnormal network and data security behaviour.
GAC Motor	<ul style="list-style-type: none"> Established a cybersecurity management system, standardising information processes, and formulating a privacy policy displayed prominently in the APP; Implemented a strict identity authentication and authorisation mechanism to limit information access, and built a real-time security audit system to monitor data operations; Conducted information security training and organised employees to learn relevant regulations, as well as information security knowledge and skills.
AION	<ul style="list-style-type: none"> A three-tier liaison information security governance system has been formed, comprising the "Network and Data Security Committee", "Network and Data Security Office", and "Network and Data Security Officers from Various Departments"; Developed documents such as the <i>Data Security Management System of AION New Energy Automobile Co., Ltd.</i> and implemented customer privacy policies in applications such as apps and the Internet of Vehicles; Annually commission the China Electronic Product Reliability and Environment Test Research Institute (CEPREI) to conduct security risk assessments on app personal information data processing activities, vehicle data, and vehicle personal information processing activities; To regulate overseas KD (Knocked Down, assembly from parts) project data management, it released the <i>Overseas Data Protection Management Procedures</i>, and jointly achieved KD data export business through the Group's KD data export platform in conjunction with AION's compliance risk approval.
Digital Science	<ul style="list-style-type: none"> Formulated systems such as the <i>Cybersecurity Management System</i> and the <i>Digital Business Incident Reporting Management Standards</i>, reflecting emphasis on data security in corporate culture; Actively conduct classified protection evaluations every year to enhance security protection capabilities.
ONTIME Mobility	<ul style="list-style-type: none"> Established an information security management committee with clear responsibilities; Issued internal systems such as the <i>Information Security Management System</i>, the <i>Data Security Management System</i>, the <i>Data Classification and the Grading Management System</i>, and formulated a <i>Privacy Policy</i> for the app platform to protect enterprise user data and driver-passenger personal information; Fully implemented information and privacy security management through measures such as vulnerability monitoring and rectification, joint offensive and defensive exercises, data encryption, and access management, and regularly conduct privacy protection and information security-related training to enhance employee information security awareness.

During the Reporting Period, AION, GAC Honda, GAC Business, and ONTIME Mobility have all obtained ISO 27001 Information Security Management System certificate.



ONTIME Mobility Independently Developed CTEM to Strengthen the Information Security Defence Line

ONTIME Mobility independently developed Continuous Threat Exposure Monitoring (CTEM, referred to as the "ONTIME Mobility Security Monitoring Platform"). The platform integrates core functional modules such as "data breach monitoring", "threat exposure monitoring", and "data security lifecycle protection", enabling a comprehensive review and dynamic assessment of the security status of internal and external corporate assets, effectively reducing the Company's attack surface.

Meanwhile, the platform implements precise classification and graded identification, desensitisation processing, encrypted transmission, and storage protection for company data, user information, and customer privacy. This comprehensive security solution significantly reduces corporate security risks, providing strong technical support and assurance for the construction of a security system for ONTIME Mobility.

ii. In-Depth Innovation and Transformation

GAC Group actively practices the innovation-driven development strategy, taking technological innovation as the main driving force of the Group, striving to establish a leading advantage in intelligent connectivity, new energy, and forward-looking technology, and actively participating in the "new four development trends" reform of the automotive industry. The Group continues to deepen technological innovation and transformation upgrades, forming new quality productive forces through new technologies, new services, and new business models, driving high-quality development in the automotive industry.



In 2024, GAC Group increased its R&D investment by RMB **7,508** million, accounting for approximately **6.97%** of the total consolidated revenue.

1. Innovative R&D capability

GAC Group strictly complies with the *Law of the People's Republic of China on Progress of Science and Technology*, the *Law of the People's Republic of China on Promoting the Transformation of Scientific and Technological Achievements*, and other related laws and regulations, with each affiliate forming a system of R&D innovation management according to their business characteristics. In 2024, the updated R&D related policies at GAC R&D Centre include the *Technical Planning Control Procedure*, the *Technical Innovation Project Control Procedure*, the *Innovation Outcomes Industrialisation Control Procedure*, and the *Technical Innovation Management Procedure*.

During the Reporting Period, GAC Group actively applied for High and New Technology Enterprise certification and accelerated the construction of a technological innovation system.



GAC Group has positioned "low carbonisation, intelligent connectivity, digitalisation, and internationalisation" as its direction for innovation, continuously increasing investment in independent R&D, establishing a global R&D network and an international R&D talent pool, strengthening R&D innovations in intelligent connectivity and core new energy technologies, and planning for advanced technologies.

¹ Guangzhou Huade, Guangzhou Parker, Guangzhou Huazhi, GAC Ogihara and Guangzhou Adient, affiliates under GAC Component, have been recognised as High and New Technology Enterprises for 2024.

Advanced Research and Development Facilities

GAC Group has built R&D facilities that are "domestical first-class and international advanced", covering areas such as complete vehicles, powertrains, new energy, and intelligent connectivity, continuously enhancing product technology competitiveness.



The World's First "Three-in-One" Wind Tunnel Laboratory: Advanced Facilities Supporting Innovative R&D

On 23 May 2024, the GAC Wind Tunnel Laboratory was officially launched at the GAC R&D Centre. This laboratory took eight years to build, with a floor area of 4,500 square metres. It is the world's first full-vehicle wind tunnel laboratory integrating aerodynamics, aeroacoustics, and thermodynamics, and also the first full-sized aeroacoustics wind tunnel laboratory for a domestic car company.

The key indicators of the GAC wind tunnel laboratory all reach the industry's leading level. The laboratory is equipped with an axial flow main fan system, with a maximum power of 2,200 kW, capable of generating a wind speed of 200 km/h and achieving an ultraprecise control accuracy of 0.5 km/h. By using a high-precision force balance system and a mobile measuring frame system, the laboratory can precisely measure automotive air resistance and wind interference force, with repeat positioning accuracy equivalent to the diameter of a strand of hair.

The GAC Wind Tunnel Laboratory can simulate complex and variable environments, providing comprehensive performance assessment of the test objects, offering accurate data support for engineers, to aid in developing high-performance, safe, and reliable models.



Main Fan System of the GAC Wind Tunnel Laboratory



GAC Group "Three-in-one" Wind Tunnel Laboratory Opening Ceremony

Engine Technology

GAC Group is committed to researching and developing efficient, clean powertrain systems, continuously promoting innovation in engine technology. In 2024, GAC Group made significant breakthroughs in enhancing engine thermal efficiency and hydrogen energy application, fully demonstrating its industry-leading independent research and development capabilities.



New Breakthrough in Engine Thermal Efficiency: Achieving Globally Leading Levels

GAC's fourth-generation hybrid engine 2.0ATK adopts a naturally aspirated, Atkinson cycle technology route, and features an ultra-high compression ratio of 15.6, ultra-high tumble intake port, and long-stroke design. It employs M10 spark plugs, high-energy ignition, low-temperature cooling external EGR technology, GCCS combustion control patented technology, and a 350-bar high-pressure direct injection system, achieving high efficiency and cleanliness in the combustion process within the cylinder under ultra-high compression ratio and high EGR rate through coordinated optimisation of fuel injection and in-cylinder flow. The indicated thermal efficiency of a single-cylinder engine exceeds 52.5%.

In April 2024, the effective thermal efficiency of a multi-cylinder engine that can be equipped on a vehicle exceeded 46%, with technological advancement reaching world-leading levels.



Thermal Efficiency of Multi-cylinder Engine Breakthrough: 46%



Leap in Hydrogen Internal Combustion Engine Technology: The World's First Hydrogen Hybrid Vehicle Began Demonstration Operation

On 14 November 2024, at the 7th Low-Carbon Energy Saving and Pollutant Emission Control Technology Seminar for Mobile Sources, GAC Group's independently developed New Energy E9 Hydrogen Hybrid of GAC Motor, equipped with the MegaWave-Hydrogen Hybrid system, participated in demonstration operation, becoming the world's first hydrogen hybrid vehicle to be demonstrated on the road. The demonstration operation area covers various road types and hydrogen refuelling stations, with a total journey of 35 kilometres over a period of six months. This marks the transition of hydrogen internal combustion engines from laboratory research to real-vehicle operation, contributing to the application of zero-carbon fuel in China's automotive industry.



GAC Motor's New Energy Model E9 Hydrogen Hybrid Version Participates in Demonstration Operation



The 7th Low-Carbon Energy Saving and Pollutant Emission Control Technology Seminar for Mobile Sources

2. Stimulation of talent vitality

Talent is the key to GAC Group's achievement of high-quality technological innovations and maintaining its leading position in the automotive industry. GAC Group focuses on talent development in the fields of "electrification, connectivity, intelligence, and sharing" by optimising training and incentive mechanisms to provide talent assurance.

The Group has established internal regulations such as the *Regulations on the Management of the Innovative Guangzhou Automobile (IGA) Activities of GAC Group*, the *Incentive Management Measures for Core Teams of Innovation and Start-up Enterprises of GAC Group*, and the *Implementation Measures of GAC Group on Supporting Reform and Innovation and Mistakes-tolerance*, establishing standards related to scientific and technological innovation talent incentives.

Each affiliate establishes an incentive system that suits its own characteristics. GAC R&D Centre has deeply advanced the "328 Project", focusing on breakthroughs in key technologies. Through platforms such as the "Open Competition for the Best Candidates", the Doctoral Innovation Fund, and the Youth Innovation Fund, talents are incentivised and the transformation of outcomes is accelerated. During the Reporting Period, GAC Motor, AION, and ONTIME Mobility invigorated talent by taking the Innovative Guangzhou Automobile (IGA) activities as the theme, and combining the three dimensions of "cultivating innovative talents", "ensuring innovative mechanisms", and "innovation reward systems."



GAC R&D Centre Collaborates with ONTIME Mobility for Innovation: Independently Developed Map Technology Achieved Production and Research Transformation

In October 2024, a joint research achievement by ONTIME Mobility and GAC R&D Centre titled *PrevPredMap: Exploring Temporal Modeling with Previous Predictions for Online Vectorized HD Map Construction* was directly accepted in the first round of reviews by the prestigious global computer vision and machine learning academic conference—IEEE/CVF Winter Conference on Applications of Computer Vision (WACV2025).

The PrevPredMap online vector map model proposed in the paper, which generates vector map elements such as lane markings through multi-view image input reasoning, has been practically applied in crowd-sourced map services, providing high-precision vector map elements for cloud-based mapping.

Cornell University

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Computer Science > Computer Vision and Pattern Recognition

[Submitted on 24 Jul 2024]

PrevPredMap: Exploring Temporal Modeling with Previous Predictions for Online Vectorized HD Map Construction

Nan Peng, Xun Zhou, Mingming Wang, Xiaojun Yang, Songming Chen, Guisong Chen

Temporal information is crucial for detecting occluded instances. Existing temporal representations have progressed from BEV or PV features to more compact query features. Compared to these aforementioned features, predictions offer the highest level of abstraction, providing explicit information. In the context of online vectorized HD map construction, this unique characteristic of predictions is potentially advantageous for long-term temporal modeling and the integration of map priors. This paper introduces PrevPredMap, a pioneering temporal modeling framework that leverages previous predictions for constructing online vectorized HD maps. We have meticulously crafted two essential modules for PrevPredMap: the previous-predictions-based query generator and the dynamic-position-query decoder. Specifically, the previous-predictions-based query generator is designed to separately encode different types of information from previous predictions, which are then effectively utilized by the dynamic-position-query decoder to generate current predictions. Furthermore, we have developed a dual-mode strategy to ensure PrevPredMap's robust performance across both single-frame and temporal modes. Extensive experiments demonstrate that PrevPredMap achieves state-of-the-art performance on the nuScenes and Argoverse2 datasets. Code will be available at this <https> URL.

Subjects: [Computer Vision and Pattern Recognition \(cs.CV\)](#)

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Joint Research Paper

3. Intellectual property protection

GAC Group strictly adheres to domestic relevant laws such as the *Patent Law of the People's Republic of China*, the *Trademark Law of the People's Republic of China*, and the *Copyright Law of the People's Republic of China*, as well as the local regulations of the locations where its overseas business is operated. Moreover, each affiliate establishes an internal intellectual property protection system according to its business characteristics.

Internal Intellectual Property Protection System

GAC R&D Centre	GAC R&D Centre established innovation achievements reward systems such as the <i>Scientific and Technological Awards Management Measures</i> and the <i>Intellectual Property Reward Measures</i> to provide supporting reward mechanisms for projects that have won national, provincial, industry-level or external scientific and technological awards, as well as for intellectual achievements in technological innovation.
GAC Honda	As the first enterprise within GAC Group to obtain Intellectual Property Standardisation Certification, GAC Honda follows the national standard <i>Enterprise Intellectual Property Compliance Management System Requirements</i> (GB/T 29490-2023), revises and issues intellectual property compliance management system documents and has successfully passed system recertification.
ONTIME Mobility	ONTIME Mobility has established a centralised management department for intellectual property affairs, continuously improving internal management regulations such as the <i>Intellectual Property Management System</i> , and standardising the full-process management of patents, trademarks, and copyrights.

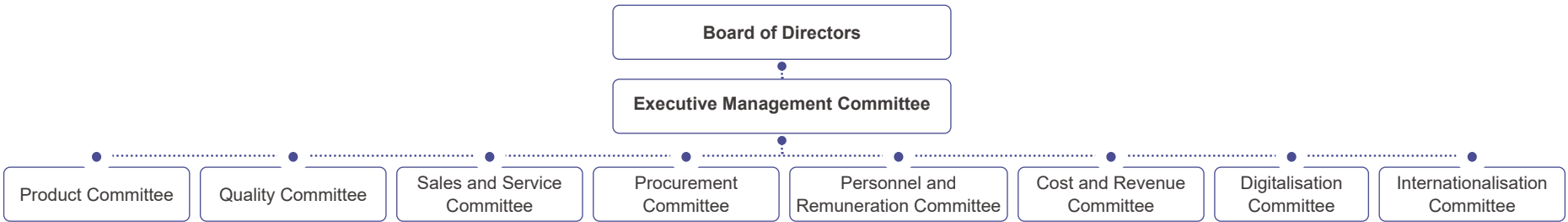
Newly Added and Cumulative Intellectual Property Rights during the Reporting Period (Unit: Item)

	Number of Patent Applications	Number of Patent Grants	Number of Trademarks	Number of Copyrights
Newly added in 2024	3,464	2,088	677	205
Cumulative as of the end of the Reporting Period	21,127	12,411	5,555	1,270

4. Jointly building proprietary brands

Proprietary Brand Committee Meetings

GAC Group constructs a three-tier meeting mechanism of "Board of Directors - Executive Management Committee - Professional Committees" to efficiently promote the operation of the GAC Group's independent brand committee mechanism at all levels. The Board of Directors holds two on-site meetings annually, and various professional committees implement a regular meeting system, forming a regular operational mode. This meeting mechanism effectively enhances the decision-making efficiency of major business matters of the GAC Group's proprietary brands, deepening the coordinated development of R&D, production, and sales.



GAC Group Proprietary Brand Meeting Mechanism Architecture

Independent Brand

"Premium, intelligent, and internationalisation" is the positioning that GAC Group insists on for its proprietary brands. The Group has positioned technology innovation as the core driving force, building the "GAC model" of proprietary brands R&D and production systems. In 2024, GAC Motor, AION, and GAC HYPTEC actively strived to inject strong momentum into the development of GAC Group's proprietary brands.

Major Achievements of GAC Group's Proprietary Brands for the Year

GAC Motor	<ul style="list-style-type: none">Released the EV+ New Energy Platform, achieving integrated extended-range and plug-in hybrid models to solve problems faced by current extended-range users such as large engine start-stop vibration noise, high power consumption in power deficiencies, and insufficient power in power-deficient conditions.The first mass-produced model based on the EV+ New Energy Platform, the GAC Motor S7, is equipped with a self-developed L2++ end-to-end mapless intelligent driving system, featuring an AI intelligent cockpit and smart four-wheel-drive system, showcasing innovative strength.
AION	<ul style="list-style-type: none">The AION UT built by the world's only Lighthouse Factory for new energy vehicles, not only is the first car of the "Panyu Action", but it's also the third model in AION's global strategic layout.
HYPTEC	<ul style="list-style-type: none">Launch of the first luxury intelligent flagship SUV—HYPTEC HL. The AI intelligent cockpit equipped in HYPTEC HL, with its forward-thinking product design and interactive experience, has been awarded the automotive industry's first A+ level AI intelligent cockpit capability certification by China Automotive Engineering Research Institute Co., Ltd.

Forward-Looking Business Layout



Leading the Low-Altitude Economy: GAC Flying Car Technology Innovation and Brand Upgrade

GAC Group delves into the low-air economy sector, continuously promoting the research and application of flying cars. In March 2024, the GAC flying car GOVE completed its first flight in a complex low-altitude environment over the Guangzhou CBD public area; in September, it received the Special Flight Permit from Civil Aviation Administration of China; in December, it was awarded the "Annual Sci-Tech Innovation Product."

On 18 December 2024, GAC Group officially launched a new flying car brand - GOVY, and the first hybrid wing flying car GOVY AirJet. The GOVY AirJet integrates the advantages of fixed-wings and multi-rotor wings, retaining the flexible vertical take-off and landing capability without runway limitations, and achieving efficient flight during the cruising phase. In the future, GAC Group will build an end-to-end low-altitude three-dimensional travel system, Robo-AirTaxi, to provide users with a more convenient and efficient smart travel mode.



Official Launch of GOVY AirJet



Completion of the Maiden Flight of the Flying Car GOVE in the City Scene above Guangzhou CBD



Technological Innovation Broke New Ground: The Third Generation Intelligent Humanoid Robot GoMate

On 26 December 2024, GAC Group officially launched the independently developed third-generation embodied intelligent humanoid robot GoMate at the 2024 Annual Conference of www.robotchina.com. GoMate adopts an industry-first variable wheel-leg mobility structure, with an all-terrain access capability in the four-wheel leg mode and excellent autonomous navigation capability. This time, GAC Group has fully developed key components such as actuators, motors, and dexterous hands, integrating remote control and LLM, giving rise to GoMate's outstanding performance.

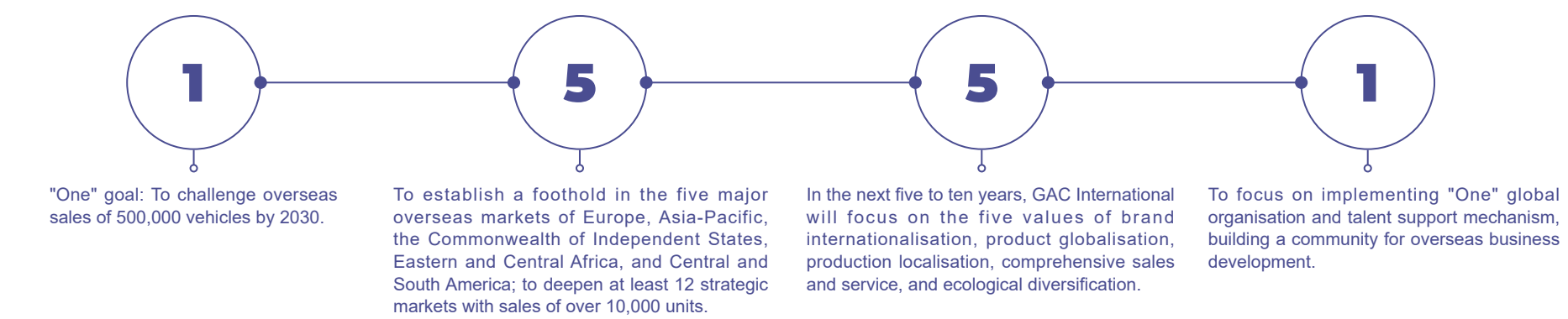


GoMate's Official Debut at the Launch Event

5. Acceleration of global layout

GAC Group has formed a "Five Places Across Three Countries" global research and development network centred on the GAC R&D Centre, supported by GAC Advanced Design Los Angeles, GAC Advanced Design Milan, GAC Advanced Design Shanghai, and the ICV Xiamen, bringing together elite talent from home and abroad, and collaborating with global partners to build a high-quality development path.

In 2024, facing the global automotive market's accelerated transformation towards new energy and intelligent connectivity, GAC Group seized the opportunity by formulating the "1551" internationalisation strategy, and through the five-pronged approach of brand internationalisation, product globalisation, production and supply localisation, comprehensive sales and service, and ecological diversification, fully accelerating the global layout of the entire industry chain.



The Group achieved automobile exports of 127,000 units in 2024, a 67.6% year-on-year increase, with 106,000 units being exports of independent brand vehicles, a 92.3% year-on-year increase. The business has covered 74 countries and regions worldwide, with nearly 500 overseas sales outlets established in total; the international business is developing vigorously.





Malaysia CKD Project: Overseas Layout of the Industrial Chain Achieving a Strategic Breakthrough in Balancing Complete Vehicle Exports and Localised Production

The Malaysia project, as GAC Group's first overseas CKD (Complete Knocked Down) project, signifies a strategic breakthrough in achieving a balance between complete vehicle exports and localised production. The project successfully achieved SOP (Start of Production) in April 2024, creating a new industry speed with just a 7.5-month process construction period.

- » In 2024, regional wholesale kits reached 2,760 units, driving the establishment of 20 sales networks;
- » Created over 1,000 direct jobs locally, attracting significant attention from the Malaysian community and being hailed as a "model of China-Malaysia cooperation";
- » Achieved significant innovations in technology export, cultivated professional talent by building a highly collaborative cross-company team, promoted the collaboration of industry chain enterprises in going global, and accelerated the internationalisation and localisation process of GAC Group brand.



Launch of Malaysia CKD Project



CKD Factory Completion and Mass Production Ceremony



Thailand SKD Project: Intelligent Factory Sets a New Benchmark for Intelligent Manufacturing in Southeast Asia

In July 2024, the first phase of AION's Thailand factory was officially completed, with the first unit of the second-generation AION V rolling off the production line in sync with its global launch. The Thailand factory adopts a leasing model and semi-knocked-down (SKD) assembly to enable rapid local production.

As GAC Group's first "integrated energy utilisation plant for solar energy, energy storage storage, charging and swap", the Thailand factory transplanted the same-source technology from the world's only New Energy Vehicle Lighthouse Factory, implementing the AION production method. We pioneered the use of machine vision combined with AI technology in the industry to enable comprehensive quality monitoring of every component. This is complemented by non-destructive techniques such as ultrasonic flaw detection and 3D visual tracking, ensuring zero defects and zero faults in our products.

- » In 2024, regional wholesale kits reached 848 units, driving the establishment of 100 sales networks;
- » Created 175 direct jobs locally, jointly established a new energy vehicle talent training base with the Rajamangala University of Technology Isan, Thailand and other parties, receiving high praise from the Thai Prime Minister.



Launch of Thailand SKD Project



Thailand Factory Completion and Mass Production Ceremony

03


Intelligent Connection for Green and Low-Carbon Mobility

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Response to the SSE *Guidelines* issues:

Climate Change Tackling, Pollutant Discharge, Waste Disposal, Ecosystem and Biodiversity Protection, Environmental Compliance Management, Energy Usage, Usage of Water Resources, Circular Economy



HKEX KPIs:

A1, A1.5, A1.6, A2, A2.3, A2.4, A3, A3.1, A4, A4.1



Relevant GRI indicators:

2-25, 201-2, 301-2, 301-3, 302-4, 302-5, 303-1, 303-2, 303-4, 304-1, 304-2, 304-3, 304-4, 305-5, 306-1, 306-2



The SDGs addressed in this chapter



SDG 6 - CLEAN WATER AND SANITATION



SDG 9 - INDUSTRY, INNOVATION AND INFRASTRUCTURE



SDG 12 - RESPONSIBLE CONSUMPTION AND PRODUCTION



SDG 15 - LIFE ON LAND



SDG 7 - AFFORDABLE AND CLEAN ENERGY



SDG 11 - SUSTAINABLE CITIES AND COMMUNITIES



SDG 13 - CLIMATE ACTION

03

GAC Group actively responds to national green development requirements, viewing the achievement of the national "carbon peaking and carbon neutrality" target as integral to the Company's operations and development. The concept of sustainable development is integrated throughout the entire product life cycle, as the Company continues to provide and optimise world-class mobile intelligent new energy products and services. The Group has laid out its future blueprint around the guiding ideology of the "1578 Development Outlines of Trillion GAC." Under the "GLASS Plan", the Group will continue to develop its energy and energy ecology fields, establish a deep and integrated new energy industry chain deployment, vigorously develop NEVs, and explore intelligent green mobility modes, with a vision to achieve carbon neutrality throughout the product life cycle by 2050 (stretch goal: 2045).

Goals and Progress

Goal Setting	Progress Review	Improvement Plan for Next Phase
Green Technology and Product Carbon Footprint		
Comprehensive implementation of the national "carbon peaking and carbon neutrality" strategy.	GAC Group has formulated its medium- and long-term planning for the "carbon peaking and carbon neutrality" target and set corresponding targets and action routes by phases and fields. AION, GAC Honda's new energy plant in the development zone and CATL GAC have created zero-carbon plants.	According to the Group's mid-to-long-term planning and the carbon peak phase action plan requirements, the Group will actively promote enterprises to carry out target decomposition and carbon reduction measures.
Environmental Compliance Management		
Continuously strengthen environmental compliance management to ensure that all operational aspects meet relevant legal and regulatory requirements, reducing adverse impacts on the environment.	GAC Group has established a sound environmental management system to ensure that all operational activities meet environmental compliance requirements and obtain ISO 14001 certification. At the same time, the Group has implemented environmental impact assessments and emergency plans to achieve efficient resource use and minimisation of environmental risks.	GAC Group will further strengthen environmental compliance management, optimise regulatory compliance mechanisms, improve the efficiency of environmental protection facilities, ensure continuous compliance with international, national and local environmental standards, and promote comprehensive compliance and risk control.
Ecosystem and Biodiversity Protection		
Implement green production and ecological restoration projects, committed to reducing the impact of production activities on the natural environment and protecting ecological balance.	GAC Group has implemented ecological and environmental protection measures to reduce the negative impact of operational activities on ecosystems and biodiversity, and actively engaged in external biodiversity protection activities.	The Group will strengthen green production and ecological restoration projects, deepen cooperation on external biodiversity protection, further optimise the impact of operational activities on the natural environment, and promote the achievement of ecological protection and sustainable development goals.
Pollutant Management		
Continuously optimise production processes to reduce emissions of waste gas, wastewater, and solid waste, promote the reduction, resource utilisation, and harmlessness of pollutants, ensuring minimal environmental impact.	GAC Group has continuously optimised pollutant discharge management by strictly implementing internal control standards and introducing advanced treatment technologies to successfully reduce emissions such as VOCs and COD, ensuring that emissions from all operational facilities continuously comply with environmental protection requirements.	The Group will further deepen the innovation and application of pollutant reduction technologies, promote life-cycle pollution management, implement stricter internal control standards and green production processes, striving to achieve zero pollutant emissions, resource utilisation and harmless treatment comprehensively.

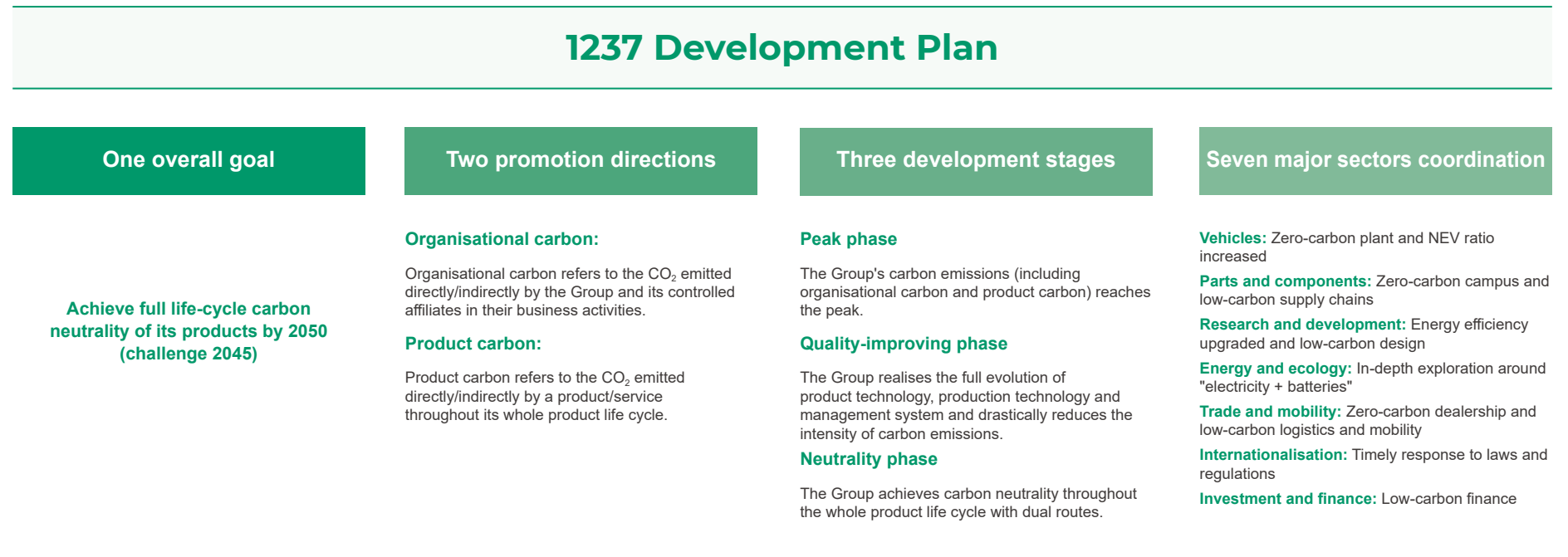
Goal Setting	Progress Review	Improvement Plan for Next Phase
Waste Management		
Adhere to the principles of reduction, resource utilisation and harmless treatment, optimise waste classification, collection and treatment processes, promote the recycling and regeneration of waste, ensuring that waste management complies with environmental protection regulations.	GAC Group has implemented precise waste classification, recycling, and disposal measures, successfully reduced the generation of solid and hazardous waste by optimising production processes and introducing advanced technology, and promoted compliant waste disposal and resource reuse.	The Group will further improve the waste management system by strengthening the monitoring and management of the whole life cycle of waste, promoting the deep application of advanced treatment technology and circular economy models, achieving zero waste emissions, comprehensive resource recovery, and harmless disposal.
Energy Management		
Optimise energy efficiency in the production process, promote the establishment of energy management systems for new energy vehicle production and smart factories, and strengthen the use of renewable energy and the application of energy consumption technology.	GAC Group has continuously promoted energy conservation and emission reduction, enhanced overall energy efficiency through optimising energy management, promoting the application of clean energy and technological innovation, and strengthened the energy consumption management of suppliers and distributors to promote green transformation across the entire industry chain.	The Group will focus on promoting green and low-carbon transformation across the entire industry chain by further optimising the energy management system, deepening the application of clean energy, and comprehensively improving energy usage efficiency through technological innovation and intelligent means.
Water Resource Management		
Optimise production water efficiency, promote the construction and upgrading of water reuse systems, and strive to reduce water resource consumption through the application of water-saving technology and wastewater treatment and reuse.	GAC Group has promoted water-saving improvements and wastewater reuse, formulated a systematic water-saving plan, implemented multifaceted applications of reused water, improved water resource utilisation efficiency, reduced water consumption, and increased the water reuse rate.	The Group will deepen water-saving technological innovation and optimise wastewater reuse systems, promote water-saving and resource recycling in the entire production water process, and commit to achieving sustainable water resource management.
Circular Economy Development		
Acceleration of the deployment of the energy ecological industry chain and completion of the closed loop of the energy ecological industry.	Focusing on NEVs, GAC Group has established a vertically integrated new energy industry chain of "mine + production of basic lithium battery raw materials + battery production + energy storage and battery charging and swap service + battery leasing + battery recycling and second-life battery utilisation."	Further active exploration will be conducted around battery banks, swap stations, virtual power plants, battery recycling and reuse, and other related fields.
Climate Change Tackling		
Fully identify the risks and opportunities associated with climate change and incorporate them into corporate strategic decision-making and operational management. Strengthen climate risk assessment, scenario analysis, and carbon emission management.	GAC Group has conducted short-term and long-term scenario analysis based on NGFS net-zero 2050 and NGFS NDC scenarios, and sorted out potential business impacts, potential financial impacts, and response plans for 14 climate risks and three climate opportunities.	The Group will regularly identify, assess, and respond to climate change risks and opportunities under the comprehensive risk management system and further integrate climate change into corporate strategic decision-making and operational management.

i. Green Development Philosophy

With forward-looking strategic thinking, GAC Group closely follows the "new four development trends" in the automotive industry. It fully supports implementing the country's "carbon peaking and carbon neutrality" target. It also incorporates the "carbon peaking and carbon neutrality" target into strategic decision-making levels, forming a green development management system centred on the Board of Directors. The Group continues to deepen the "NEXT" plan and improve GAC Group's R&D investment in NEVs and clean energy transformation to build a comprehensive ecosystem for the NEVs industry, providing strong support for responding to climate change-related risks and contribute to achieving the national "dual carbon" goals.

1. "Carbon peaking and carbon neutrality" strategy

GAC Group has formulated and released its "carbon peaking and carbon neutrality" strategy, clarifying the implementation path under this strategy with the "1237 Development Plan." The "1237 Development Plan" includes one overall goal, two promotion directions, three development stages, and seven major sectors that coordinate each other to advance the implementation of the "carbon peaking and carbon neutrality" strategy.



On the basis of the "1237 Development Plan", the Group has formulated a more detailed "3 +3²" Action Plan for the carbon peaking phase, enhancing three tasks for strengthening foundations and promoting nine pilot projects.

3+3² Action Plan for the Carbon Peaking Phase

Three tasks for strengthening foundations

- ▶ Consolidate the institutional foundation
- ▶ Build an indicator assessment system
- ▶ Strengthen the foundation of awareness

Nine pilot projects

- ▶ Pilot zero-carbon vehicle models
- ▶ Pilot smart energy network
- ▶ Pilot low-carbon recycling industry
- ▶ Pilot zero-carbon plant
- ▶ Pilot zero-carbon parts and components park
- ▶ Pilot zero-carbon dealership
- ▶ Pilot low-carbon advanced technology
- ▶ Pilot carbon emission standard system
- ▶ Pilot carbon finance and carbon asset

In addition, under the "1237 Development Plan," GAC Group and its affiliates systematically promote carbon reduction actions by establishing an operational phase carbon emission accounting system to strengthen management foundations, orderly advancing the construction programme for zero-carbon plants at its vehicle manufacturers, continuously improving their ability to respond to climate change, and striving to reduce the carbon footprint throughout the lifecycle of core products.



GAC Honda's Management System for Carbon Neutrality Throughout the Whole Product Life Cycle

Under the national "carbon peaking and carbon neutrality" goals, GAC Honda aims to achieve carbon neutrality throughout the whole product life cycle by 2045 (with a stretch goal of 2040), encompassing carbon emission reduction strategies for the raw material acquisition phase, vehicle production phase, and vehicle use phase. It is committed to becoming a leader in carbon emission management within the automotive industry.

● Raw material acquisition phase

Through zero-carbon supply chain management, GAC Honda achieves a "raw material acquisition – parts and components manufacturing – parts and components logistics - recycling and reuse" resource cycle, building a zero-carbon supply chain and strengthening energy conservation and emission reduction throughout the lifecycle.

● Vehicle production phase

The new energy factory in the development zone, which was completed and put into production in 2024, adopts a photovoltaic system, clean electricity, and an intelligent cooling station, achieving 100% process waste heat recycling, reaching the "zero-carbon at production start" target, with plans to achieve carbon neutrality in vehicle production by 2025.

● Vehicle usage phase

GAC Honda plans to continue to increase the proportion of electric vehicles to reduce carbon emissions during vehicle operation.



GAC Toyota's Management System for Carbon Neutrality Throughout the Whole Value Chain

Holding the environmental vision of "bringing the negative impact of cars as close to zero as possible" and "bringing positive energy to society," GAC Toyota systematically advances carbon reduction actions throughout the vehicle lifecycle. They also established an environmental committee, forming a multi-tiered governance system, and formulated the Medium-Term Environmental Planning (2021-2025), clearly defining carbon reduction targets and paths.

● Design

Promote the strategy of "comprehensive electrification and full-cycle carbon neutrality", accelerating the layout of hybrid, pure electric, and hydrogen energy technologies.

● Supply

Promote the "just-in-time and just-in-place" supply chain management strategy to significantly reduce transportation carbon emissions; strictly implement green procurement and promote the *Supplier Carbon Neutrality Med-Term Reduction Plan*, conducting monthly evaluations and inspections of suppliers; promote ISO 14001 environmental management system certificate for suppliers, with an ISO 14001 environmental management system certificate rate of 99% in 2024.

● Production

Make every effort to build factories with low environmental burden by focusing on four key points, namely, management of energy and carbon emissions, air pollutants, water resources, and waste. Establish a carbon-neutral power factory in 2024, optimise energy-saving processes such as painting and refrigeration, save 5,122 MWh of electricity annually, and continue to build factories with low environmental burden.

● Sales

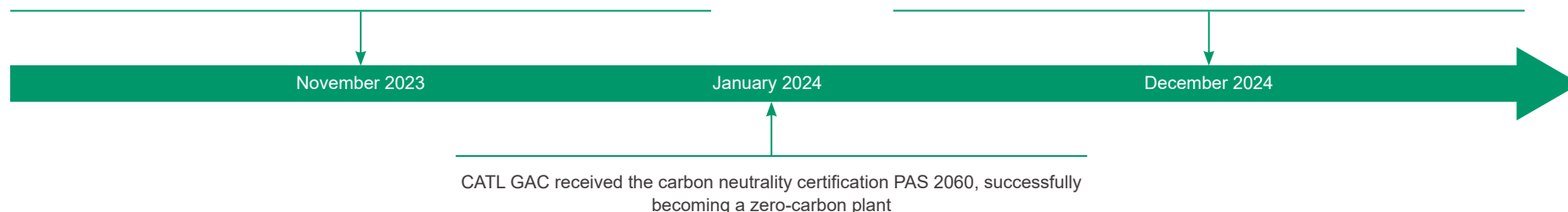
In terms of vehicle logistics, promote the switch of transport modes in several cities to reduce carbon emissions by more than 20,000 tonnes annually; promote energy-saving renovations in dealers to enhance network carbon reduction capabilities.

Zero-carbon Plants

GAC Group continues to deepen the implementation of the "GLASS Plan" and promote the construction of zero-carbon plants progressively at all the Group's vehicle manufacturers.

AION took the lead to obtain the Carbon Neutral Certificate awarded by the Guangzhou Emissions Exchange and became GAC Group's first zero-carbon plant

GAC Honda's new energy factory in the development zone obtained the Carbon Neutral Certificate, achieving "production upon launch with zero carbon"





CATL GAC Promotes Zero-carbon Manufacturing and Industry Green Transformation

CATL GAC actively responds to the national "carbon peaking and carbon neutrality" strategy, driven by "Smart Manufacturing + Clean Energy", passing the PAS 2060 carbon-neutral certification, forming a "smart manufacturing energy reduction - green energy substitution - ecological collaboration" zero-carbon plant construction model, providing replicable carbon reduction solutions for the power battery industry.

Production Optimisation

A fully automated intelligent manufacturing system is established, with operational waste reduced by 15% through digital process optimisation; an EMS energy management system is deployed to enable real-time monitoring of energy consumption for over 200 devices, with energy efficiency improved by 23%; the logistics system is 100% electrified (including autonomous logistics vehicles and electric forklifts), achieving zero carbon emissions for in-plant transportation.

Energy Transformation

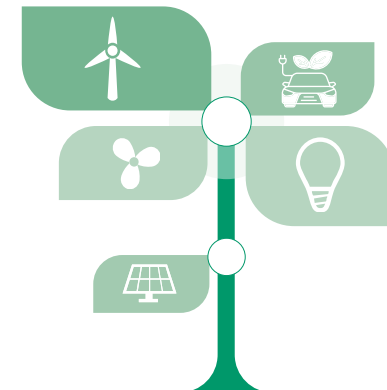
A 16.65 MW distributed photovoltaic power station is put into operation, generating 17.42 million kWh electricity annually and reducing CO₂ emissions by 15,678 tonnes. Innovative projects are implemented for steam condensate water reuse and recovery of waste heat from air compressors, resulting in an annual carbon reduction of 1,222 tonnes. A power storage station is also constructed to support these initiatives. Clean energy utilisation rate has increased to 42%.

Ecological Construction

The green coverage rate of the factory area is increased to 35%, with 12 low-carbon public welfare activities conducted annually. A "zero-waste factory" management system is established, achieving a solid waste resource utilisation rate of 98% (certified at the district level in 2023). The construction of a green supply chain is promoted, with 85% of core suppliers signing carbon reduction commitment letters.



PAS 2060 Carbon Neutrality Certificate





Zero Carbon Achieved upon Start of Production, GAC Honda Creates a New Benchmark for "Digital intelligence and Zero Carbon"

The new energy factory of GAC Honda in the Development Zone was officially put into production on 23 December 2024. The new factory aims to be "ultra-green and ultra-low carbon" and creates a "zero carbon" benchmark through full-process green production and all-round energy conservation and carbon reduction.

Green Production and Technological Innovation

The plant adopts world-leading green technologies and processes, including Honda's first global application of low VOCs two-component varnish coatings, 100% green and low volatile water-based coatings, and zirconium-based pre-treatment processes, achieving 100% elimination of harmful heavy metal wastewater and waste residue. The process waste gas is 100% collected and treated, and through the independently developed VOCs deep treatment technology, VOCs emissions are reduced to 78% of the standard, far lower than the average factory in Europe and the United States.

Double Optimisation of Energy Structure and Energy Efficiency

In order to further reduce carbon emissions, the factory deployed a 22 MW photovoltaic power generation system with an annual power generation of 22 million kWh for the plant's own use, reducing carbon emissions by 13,000 tonnes per year. In addition, through digital and intelligent high-efficiency cooling stations and process waste heat recovery, the factory has further improved energy efficiency and reduced carbon emissions.

Green and Low-carbon Management Throughout the Process

The new energy factory of GAC Honda in the Development Zone not only achieved the zero-carbon target in terms of process and technology, but also ensured the minimisation of carbon emissions throughout the production process through comprehensive energy management systems and intelligent equipment control measures. In December 2024, the factory received a carbon neutrality statement certificate issued by the Guangzhou Carbon Emission Exchange Centre.



Full-process Green Production, Comprehensive Energy Saving and Carbon Reduction



Carbon Neutrality Certificate for the New Energy Factory of GAC Honda in the Development Zone

2. Green technologies

GAC Group hopes to provide its customers with fully self-developed and highly integrated automotive products, continuously polish and improve its innovation investment in green technologies, focus on the scenarios, electrification, ICV, and digitalisation, and increase R&D investment in the field of new energy vehicles, in an effort to create high-quality, green and low-carbon products, empowering green travel through technological innovation.

Carbon Neutral Fuel Engine Development

Leveraging flexible fuel engine technology, GAC Group has independently developed hydrogen engines that utilise in-cylinder hydrogen direct injection and other early combustion knock suppression techniques. This results in an effective thermal efficiency of nearly 45%. Paired with the GMC 2.0, the engine has formed the world's first hydrogen hybrid system, "Mega Wave Hydrogen Hybrid System," which can operate on hydrogen or electricity, paving a new path for zero-carbon technology in the field of new energy.



China First Hydrogen Hybrid Vehicle Equipped with a Hydrogen Engine: The Hydrogen Hybrid Version of GAC Motor E9

Ammonia Fuel Engine

GAMC ammonia fuel engine utilises ultra-high energy ignition technology to achieve reliable ignition of in-cylinder ammonia fuel, with a power output reaching up to 120 kW and a carbon reduction rate increased to 90%, marking another disruptive technology in GAC Group's active exploration of multi-energy technologies.



Ammonia Fuel Engine

Solid-state Battery Technology

Through the third-generation sponge-like siliconanode battery technology and high areal capacity solid-state cathode technology, solid-state battery energy density reaches over 400 Wh/kg. Compared to current mass-produced liquid lithium-ion batteries, volumetric energy density increases by over 52% and mass energy density by over 50%, easily achieving a range of over 1,000 kilometres.



GAC Group's Solid-state Battery Technology



Focusing on the "Carbon Peaking and Carbon Neutrality" Goal, GAC R&D Centre Tackles Core Technologies

GAC Group continually strengthens green technology innovation, promoting the low-carbon transition of automotive powertrains. In 2024, GAC Group was approved to establish the Guangdong Provincial Key Laboratory of Clean Automotive Power and Energy Application Technology, accelerating the R&D and application of clean power and new energy technologies, continuously launching more efficient and environmentally-friendly powertrain products and driving the industry's green transformation. The laboratory focuses on technological breakthroughs in core areas such as efficient engine technology, clean fuel design and combustion control, fuel cell and hydrogen storage technology, carbon-neutral fuel power systems, striving to overcome bottleneck challenges and promote the transition of automobile use towards "zero carbon" and even "negative carbon" goals.



The Layout of the Energy Ecological Industry Chain is Continuously Advancing

GAC Group is dedicated to promoting the modernisation of the automobile industry chain and enhancing its level of intelligence and sustainability. The Group focuses on "electrification + intelligentisation" and makes every effort to transform into intelligent and connected new energy vehicles. GAC Group continues to strengthen and extend the industrial chain. On the one hand, it actively deploys mineral resources. On the other hand, it has established the GAC Energy Technology Company to build a 2nd energy ecosystem.

In 2024, the layout of the GAC Group energy ecosystem industry chain is further enhanced with the commencement of Phase II of the second-life utilisation project of Upower Energy's power batteries, energy storage systems, and parts and components remanufacturing production lines, completing a crucial link in Guangzhou's new energy vehicle industry chain. The Group aims to make the Upower Energy Recycling Technology Factory an industry benchmark, contributing to the high-quality development of Guangzhou's automotive industry.

3. Green products

GAC Group incorporates environmental innovation into the entire lifecycle of its products, continuously promoting the development of new energy vehicles, electrification technology, and clean energy applications; actively deploying diverse power technologies such as hybrid, pure electric, and hydrogen energy to improve vehicle energy efficiency and reduce carbon emissions, and creating more environmentally friendly and sustainably green moible solutions through intelligent manufacturing, green material applications, and energy-saving technology innovations. In 2024, GAC Group successively launched multiple new energy models, promoting the affiliates to fully enter the new era of intelligent electric vehicles.



GAC Motor E8



AION's Second Generation AION V



GAC Honda e:NP2



GAC Motor E9



AION RT



GAC Toyota bZ4X

ii. Persistence in Clean Production

Taking China's "carbon peaking and carbon neutrality" target as its environmental action programme, GAC Group complies with high quality and clean production standards in its operations and runs the eco-friendly concept through the whole life cycle of production and manufacturing. This year, the Group continued to implement the energy conservation plan in the "14th Five-Year" Plan, focusing on the three major directions of green, low-carbon, and sustainable development, allowing new energy products to focus on the integration of innovative technologies, and driving GAC Group towards the creation of a green and sustainable operating environment.

1. Ecological environment management

GAC Group incorporates environmental management into the corporate governance structure, establishing a sound environmental compliance system to ensure compliance with environmental protection laws and standards. With a focus on ecological protection, environmental compliance, and risk management, the Group continuously strengthens environmental protection publicity and education, enhances employees' environmental awareness, and takes proactive measures in ecosystem protection and biodiversity to reduce the negative impact of operations on the environment. Meanwhile, GAC Group focuses on identifying and assessing environmental risks to ensure timely detection and control of potential environmental risks during production and operation. Through continuous improvement and optimisation of the management system, the Group promotes green transformation and the creation of ecological value.

Environmental Compliance Management

GAC Group has established a comprehensive governance structure in environmental management and urges and encourages each affiliate to set up dedicated environmental management institutions and committees to ensure the achievement of environmental protection and sustainable development goals. Specifically,

GAC R&D Centre

GAC R&D Centre is equipped with an environmental protection working body, mainly responsible for the assessment, monitoring, pre-treatment, temporary storage, compliant discharge, and outsourcing disposal of pollutants. It also undertakes environmental risk assessment, hazard investigation, and emergency management work.

GAC Honda

GAC Honda is equipped with an Ecological Environment Management Committee covering all fields such as R&D, production, procurement, sales, and after-sales, and clarifies respective ecological environment management responsibilities while carrying out the signing and assessment of the ecological environment management responsibility system.

GAC Group has established a comprehensive environmental management system to ensure that all operational activities comply with national and regional environmental protection laws and international standards. The Group closely monitors policy changes and industry development trends, continuously optimising environmental management measures to achieve efficient resource utilisation and minimal emissions. Meanwhile, for all key operational sites, GAC Group strictly requires the implementation of relevant environmental impact assessments. In 2024, the environmentally-friendly evaluation rate of the Group's new projects reached 100%. GAC Group actively seeks ISO 14001 environmental management system certificate. During the Reporting Period, the Group's affiliates GAC Motor, AION, GAC Honda, GAC Toyota, Wuyang-Honda, GAC Component, GAC Toyota Engine, GAC Business, and Upower Energy all obtained ISO 14001 environmental management system certificate.

Additionally, the Group actively formulates and implements emergency plans for unexpected environmental incidents to ensure swift and effective response, minimising environmental risks and potential risks and impacts.

AION	AION strictly implements environmental compliance management, conducts regular annual internal audits and independent third-party reviews of the environmental management system to ensure coverage of key business areas. External reviews are led by authoritative third-party environmental expert teams, comprehensively evaluating environmental protection measures from an independent perspective and identifying potential risks. If major defects or non-conformities are identified, AION initiates a corrective closed-loop management process, forming a special issues list and completing corrections within a specified time.
GAC Hino	GAC Hino conducts risk assessments of environmental incidents, focusing on pollution from wastewater, exhaust, and solid waste. According to the <i>Classification Method for Environmental Accident Risk of Enterprise (HJ 941-2018)</i> , risk assessments and stratifications are carried out and the <i>Contingency Plan for Environmental Emergencies</i> is formulated, covering emergency measures such as hazardous chemical leaks and failure of exhaust and wastewater treatment equipment. GAC Hino conducted drills and tests in May and July 2024 respectively to ensure the effectiveness of emergency measures.
Wuyang-Honda	Wuyang-Honda has formulated contingency plan for environmental emergencies, including risk source analysis, classification of emergency events, emergency organisation system, prevention and early warning, emergency response, post-event disposal, and assurance measures. To ensure the effectiveness of the plan, key departments conduct drills every year.
GAC Component	An contingency plan for environmental emergencies has been formulated, covering key content such as hazardous chemical leaks, hazardous waste leaks, and pollution control facility anomalies, and regular emergency drills are conducted to ensure the plan's effectiveness and emergency response capability.

Environmental Protection Publicity and Implementation

GAC Group has always upheld the philosophy of ecological sustainability, bearing in mind corporate social responsibility and persistently promoting environmental conservation. We actively promote green and low-carbon actions. The Group enhanced environmental protection publicity and conducted regular training on energy conservation and environmental protection, continuously improving employees' awareness in this area and laying a solid foundation for the effective implementation of related measures.

Environmental protection training investment	Number of environmental protection training sessions	Environmental protection training hours	The environmental protection training covered
RMB 529,500	506	2,212.80 hours	38,530 people



GAC Toyota Promoted Low-carbon Environmental Behaviour Among Employees and Strengthened Energy Conservation and Emission Reduction Awareness

To further enhance employees' low-carbon environmental behaviour, GAC Toyota has carried out energy-saving publicity activities in production and non-production areas. GAC Toyota not only focuses on the use of energy in office areas but also encourages employees to actively participate in low-carbon activities, such as "turning off the air conditioning and lights when leaving" and recycling through continuous energy-saving inspections and patrols, which strengthen energy management across the plant. In addition, GAC Toyota also promotes green travel and encourages employees to choose low-carbon travel methods.

Ecosystem and Biodiversity Protection

GAC Group attaches great importance to the protection of ecosystems and biodiversity, strictly adheres to the requirements of laws and regulations such as the *Regulations of the People's Republic of China on Nature Reserves*, the *Wild Animal Conservation Law of the People's Republic of China*, the *Regulations on the Protection of Wild Plants of the People's Republic of China*, the *Forest Law of the People's Republic of China*, the *Environmental Protection Law of the People's Republic of China*, and the *National Parks Law of the People's Republic of China*, and adopts comprehensive measures to systematically reduce the potential impact of operational activities on the ecology and surrounding communities.

To this end, GAC Group has deeply implemented a green development strategy and formulated systems such as the *Environmental Protection Management Measures* and the *Wastewater (Sewage) Control Management Regulations* to establish a complete environmental management standard and emission monitoring system, aiming to timely master the data of enterprise wastewater, waste gas, and other emissions, implement effective supervision, actively promote clean production, and reduce and avoid the negative impact on the ecological environment.

GAC Honda	GAC Component	Wuyang-Honda	Upower Energy
GAC Honda has established a comprehensive ecological and environmental protection system, conducting regular ecological environment inspections and hazard assessments to ensure effective control of environmental risks. It places a strong emphasis on enhancing employees' awareness of environmental protection by organising training and educational activities focused on ecological conservation. This ensures the thorough implementation of environmental protection policies.	During the project construction phase, GAC Component actively avoids disrupting high-risk ecological areas. Throughout the production process, the company employs precise control over raw material usage to minimise waste generation and reduce negative impacts on the ecological environment. Additionally, GAC Component implements strict lifecycle management for chemical substances to prevent pollution risks.	Wuyang-Honda focuses on strengthening the construction and maintenance of environmental governance facilities to ensure that the emissions of waste gas and wastewater meet environmental protection standards. The company utilises online monitoring equipment to continuously track pollutant concentrations, ensuring compliance with discharge regulations. Additionally, Wuyang-Honda enhances hazard identification and develops emergency response plans to ensure timely action in unexpected situations, preventing adverse effects on the ecosystem.	Upower Energy implements ground leakage prevention measures at its vehicle recycling and dismantling base to ensure that wastewater is treated and meets standards before discharge. The facility is equipped with specialised dust collection equipment to capture dust particles, minimising pollution to the ecological environment. This ensures that the dismantling process complies with environmental protection requirements.

GAC Group always adheres to the green development philosophy, actively participates in China's environmental protection cause, and carries out a series of activities such as ecological protection projects, environmental protection sharing sessions, and environmental knowledge training to help achieve a more environmentally friendly and sustainable social environment. GAC Group, together with GAC Honda and other affiliates, plans to donate RMB 9 million from 2023 to 2026 for outdoor species research, grassland planting restoration, and volunteer services in natural education in Sanjiangyuan National Park, aiming to create a distinctive and influential nature conservation public benefit brand. Among them, a pilot project for restoring the degraded grassland ecosystem in the source area of the Yellow River plans to restore 1,000 mu of grassland. Once the project is completed, it will significantly increase vegetation coverage in the governance area, reduce soil and water loss, enhance water conservation capacity, and improve the grassland ecological environment, while providing a high-quality protection system and ecological environment for the habitation and reproduction of wildlife.





GAC Toyota Practices the Green Concept and Safeguards Biodiversity

GAC Toyota actively practices the green concept in biodiversity protection by continuously carrying out ecological protection public welfare projects, committed to protecting the natural environment and biodiversity.

Since 2017, GAC Toyota, together with the China Green Foundation and the Shan Shui Conservation Centre and other partners, has carried out forest protection and restoration projects continuously in the Yunnan Yunlong Tianchi National Nature Reserve. The vision of this project is to ensure long-term sustainable ecological protection through various initiatives such as "planting seedlings, biodiversity protection, scientific research monitoring, and community development." After years of efforts, the project has been successfully implemented in Yunlong, Shangri-La, Puer Menglian, Mêdog, and Guanba in Sichuan, forming an ecological protection model with local characteristics.

GAC Toyota's ecological protection projects are not limited to a single region but form systematic ecological protection measures. Known as the "World Biological Gene Bank", Xizang's Mêdog, with its rich ecological resources, has attracted the attention of GAC Toyota. Since 2020, GAC Toyota has worked with the Shan Shui Conservation Centre to carry out the first infrared camera deployment in the Yarlung Zangbo Grand Canyon in Xizang, monitoring 80 species of wild animals, including 14 national first-class protected animals and 22 national second-class protected animals, accumulating precious biodiversity data and laying a foundation for future protection work.

To better practice the concept of "cultivating harmony between humanity and nature", since 2020, GAC Toyota has been building an ecological park in Nansha District, Guangzhou, which includes the "field, lake, grass, and forest" natural ecosystem, with a total area of 20,000 square metres. After continuous improvement, the ecological park has gradually formed a space suitable for the propagation and habitation of multiple species, attracting over 300 species to live and settle here, fully playing its role in protecting local biodiversity, promoting carbon reduction and sequestration in the surrounding environment, and becoming an important base for the public to understand and protect the ecology. GAC Toyota's ecological park provides a pioneering demonstration for assisting in "carbon neutrality" and enriching the "biodiversity" of the Nansha community in Guangzhou.



Deploy Infrared Cameras to Monitor and Protect Wildlife



White-cheeked Macaque Captured by Infrared Camera at Mêdog Project Site in Xizang

2. Emission/discharge management

GAC Group continues to optimise the management of exhaust gases, wastewater, solid waste and other pollutants. The Group promotes effective management of pollutant discharge throughout the life cycle by establishing a clear governance structure and responsibility assignment, ensuring various emissions comply with national standards. Strategically, GAC Group is committed to reducing the generation of pollutants from the source, adheres to international initiatives like the *Declaration of the United Nations Conference on the Human Environment*, strictly complies with laws and regulations such as the *Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution*, continuously identifies and assesses potential environmental risks, implements effective control measures, and ensures continuous improvement of the emission management system and achievement of environmental protection goals.

Pollutant Management

Within its operational scope, GAC Group enforces stringent internal emission standards, closely monitors exhaust gas emissions from all affiliates, and each affiliate applies relevant pollution prevention technologies and facilities, integrating source control and end treatment to effectively ensure pollutant discharge meet environmental requirements. The facilities are regularly maintained and optimised, continuously reducing emission concentration and total volume; specific pollutant emission targets are set, and environmental monitoring and risk management plans are regularly reviewed and adjusted to ensure ongoing effectiveness of all measures. During the Reporting Period, the pollutants emitted by GAC Group did not negatively impact employees, local community residents, or any groups, nor did the Group face major administrative penalties or criminal responsibility due to pollutant emissions.

AION

Wastewater treatment plants and supporting facilities are established to effectively treat industrial and domestic wastewater, ensuring that discharge meets environmental requirements. The sewage treatment plant uses secondary physical and chemical treatment and primary biological treatment, with key steps including dosing, stirring and coagulation, inclined plate sedimentation, hydrolysis acidification, anaerobic and aerobic tanks, etc. The concentration of COD in the treated wastewater is about 50 mg/L, well below the 500 mg/L discharge limit set by the discharge permit. In terms of exhaust gas treatment, equipment such as painting concentrator wheels, RTO incinerators, and flash drying waste gas facilities are used to ensure that VOC emissions meet the standards.

GAC Component

Multi-layered pollution prevention measures are taken, including exhaust gas treatment facilities (such as multi-stage activated carbon adsorption equipment, RCO, RTO, dust collectors, etc.), wastewater treatment facilities (such as comprehensive wastewater biochemical treatment stations, tertiary septic tanks, oil and slag separation pools, etc.), and waste storage facilities (including hazardous waste storage and general solid waste storage facilities). By regular monitoring, maintenance, and inspection, compliance with emission standards is ensured. In 2024, VOC emissions of GAC Component were 39.3 tonnes, a decrease of 27% year on year, and COD emissions were 97.8 tonnes, a decrease of 24% year on year.



GAC Motor Pollutant Management System

Wastewater treatment system

GAC Motor has built a comprehensive wastewater treatment facility with a daily processing capacity of 2,640 tonnes, adopting a combined physicochemical and biochemical process to effectively ensure that wastewater meets discharge standards. In 2024, the wastewater treatment volume reached 669,000 tonnes, significantly outperforming national emission standards. Specific data show that the wastewater treatment facilities played an important role in controlling pollutant discharge, ensuring that water quality meets strict environmental requirements.

- Total nickel concentration: 0.0198 mg/L (regulatory limit 0.1 mg/L)
- COD concentration: 90.424 mg/L (regulatory limit 500 mg/L)
- Ammonia nitrogen concentration: 11.227 mg/L

Comprehensive exhaust gas treatment

In terms of exhaust gas treatment, GAC Motor employs 19 treatment facilities, covering the stamping, welding, painting, and final assembly workshops, forming a diversified, differentiated governance technology matrix.

Workshop	Treatment Technology	Treatment Efficiency	Emissions in 2024
Stamping/welding	Welding fume dedusting system	≥ 99%	Particulate Matter decreased by 68%
Painting	Venturi Water Scrubbing + RTO Incineration	VOCs removal rate ≥ 98%	VOCs 73.32 tonnes
Final assembly	Vehicle-mounted three-way catalytic converter	NO _x removal rate ≥ 90%	NO _x 60.50 tonnes

Waste Management

GAC Group strictly abides by the *Environmental Protection Law of the People's Republic of China*, the *Law of the People's Republic of China on Prevention and Control of Environmental Pollution by Solid Waste*, the *Regulations of Guangdong Province on Prevention and Control of Environmental Pollution by Solid Waste*, the *List of Hazardous Waste Management*, the *Standard for Pollution Control on the Non-hazardous Industrial Solid Waste Storage and Landfill (GB18599-2020)*, the *Standard for Pollution Control on Hazardous Waste Storage (GB18597-2001)*, and relevant laws and regulations and industry standards. It has formulated several special waste management rules, such as the *Hazardous Waste Management Procedure*, the *General Industrial Solid Waste Management Protocols*, the *Pollutant Control Management Procedures*, and the *Management Protocols for Domestic Waste Classification*. Moreover, it has established strict requirements for the whole procedure of generation, classification, storage, and external transportation of hazardous and non-hazardous wastes, monitored the waste generated in operation and production on a real-time basis, actively practised excellent waste management measures, and developed and implemented the relevant waste disposal technology, as an effort to minimise impacts on the surrounding environment.

GAC R&D Centre

GAC R&D Centre has optimised the hazardous waste disposal process, improved the use efficiency of cloth wiping during testing, reduced cloth waste, and thus decreased the generation of oil-contaminated waste cloth. All hazardous waste is entrusted to qualified disposal units for compliant external transportation and handling, ensuring that downstream disposal units meet qualification requirements to ensure compliant disposal of waste.

GAC Motor

By optimising the wastewater treatment system, GAC Motor has eliminated the internal control indicator for total phosphorus in the first phase and discontinued the use of the total phosphorus internal control detection instrument, resulting in a reduction of reaction waste liquid by 0.18 tonnes annually. Additionally, various types of solid waste on-site are stored according to classification, and hazardous waste is entrusted to qualified disposal units for processing. The company strictly implements the transfer tracking system and registration system to ensure compliant management.

GAC Honda

A target for the generation of hazardous waste per unit has been set and included in the annual ecological environment management assessments of various workshops. Through the establishment of precise reagent dosing models and the introduction of dry spray booths, the generation of hazardous waste has been reduced. All waste is handed over to qualified disposal units for treatment, using methods such as comprehensive utilisation, incineration, and landfill, while regularly supervising and inspecting waste disposal contractors to ensure compliant disposal.

GAC Toyota

During the production process, through source, process, and end management, the generation of solid waste is reduced, and classification, recycling, and reuse are conducted, promoting the conversion of general industrial solid waste into valuable resources or products. For hazardous waste, qualified units are entrusted for compliant disposal. GAC Toyota has also formulated relevant systems such as the *Management and Control Procedures for Pollutants Emission* and the *Waste Management Regulations* to ensure the compliant collection and treatment of waste.

GAC Component

By setting waste reduction targets and implementing effective measures, compliant discharge and reduction of waste have been achieved. Subsidiaries such as Guangzhou Denso Co., Ltd., GAC Ogihara Die & Stamping Co., Ltd. and Guangzhou Linjun Co., Ltd. have all successfully reduced waste emissions through process optimisation and recycling measures. Additionally, all hazardous waste is entrusted to qualified units for processing and is tracked through the solid waste management platform to ensure complete traceability.



Intelligent-driven Upgrade of Hazardous Waste Management

Guangzhou Environmental Protection Technology Co., Ltd., a subsidiary of GAC Business, (referred to as "Environmental Protection Technology Company") serves as a comprehensive hazardous waste disposal centre in South China. It is committed to improving hazardous waste management levels and promoting resource-based and intelligent operations. In 2024, the Environmental Protection Technology Company completed the construction of a resource recovery production line for waste packaging barrels and oily metal shavings, achieving safe transformation and recycling of hazardous waste. It has become the only enterprise in Guangzhou with the full process capabilities of incineration, physico-chemical treatment, landfill, collection and storage, and resource utilisation. In addition, Environmental Protection Technology Company has launched the "Hazardous Cloud Management" smart recycling system. Through a mini-programme, it offers services such as one-click ordering, on-site collection, and safe disposal, providing efficient and standardised hazardous waste management solutions for small and micro enterprises. As of the end of 2024, Environmental Protection Technology Company had served over 9,500 waste-generating units in the Guangdong-Hong Kong-Macao Greater Bay Area, receiving more than 460,000 tonnes of hazardous waste. The company has also been recognised with honours such as "Clean Production Enterprise of Guangdong Province" and "Waste-Free Factory of Guangzhou."



GAC Business's subsidiary, Guangzhou Environmental Protection Technology Co., Ltd.

3. Energy management

GAC Group continuously promotes energy consumption optimisation in its production operations, suppliers, and distributors, establishing a comprehensive energy management mechanism to ensure effective implementation of various energy-saving measures and continuously enhance overall energy efficiency. At the strategic level, the Group upholds the green development philosophy, constantly optimising energy usage through technological innovation and process improvement, helping to achieve energy-saving and emission-reduction goals. At the same time, the Group strengthens monitoring and analysis of energy usage, promptly identifying potential energy consumption risks to ensure the continuous achievement of energy management goals.

Energy Consumption Management of Production Operations

GAC Group firmly abides by relevant laws and regulations, such as the *Law of the People's Republic of China on Energy Conservation*. It has been committed to energy conservation and emission reduction. To continuously improve its energy management system, the Group has internally formulated an energy conservation and emission reduction plan for the "14th Five-Year" Plan period, the *Corporate Energy Management Regulations*, the *Management Regulations for Energy Targets for Energy Benchmarking Performance Parameters*, the *Energy and Resource Management Procedures*, and other rules and regulations. Moreover, in an effort to fulfil its responsibilities for environmental protection, the Group proactively promotes energy-saving equipment transformation, reduces the intensity of energy usage, implements refined management and application of innovative technologies, and continuously improves the energy usage efficiency during the production process.

GAC Group has made active efforts to obtain the ISO 50001 energy management system certificate. During the Reporting Period, GAC Honda and GAC Toyota of the Group have obtained the ISO 50001 energy management system certificate.



GAC Motor Energy Management Innovation and Clean Energy Application

GAC Motor, through comprehensive optimisation of the energy management system, has promoted the enhancement of energy usage efficiency and sustainable development, and has formulated strict energy management measures, implemented multiple technology and facility upgrades, committed to achieving energy-saving goals.

Clean Energy Application

GAC Motor has made significant progress in clean energy application. In 2024, the 40 MW photovoltaic power generation system at the Guangzhou factory successfully connected to the grid, with an estimated annual power generation of 37 million kWh, providing green energy for production and reducing dependence on traditional energy sources. The Yichang factory also launched the construction of rooftop and car park photovoltaic systems, with an estimated annual power generation of 24 million kWh, further enhancing the use of clean energy.

Development and Operation of Energy Management System

To further improve energy management efficiency, GAC Motor successfully launched the energy management system in April 2024. The system provides real-time monitoring and management of energy usage by integrating energy sensing, data collection, visualisation monitoring and other functions, helping to improve the transparency and efficiency of energy usage and is expected to save 348,000kWh of electricity per year.

Technological Innovation and Equipment Upgrades

In terms of production equipment, GAC Motor continually promotes technological innovation by introducing energy-saving equipment and upgrading existing devices to further optimise energy consumption. The paint shop adopts the second-generation E-CUBE dry spray booth system, effectively reducing energy consumption and achieving zero wastewater discharge. Moreover, the optimisation of the welding workshop cooling system and the introduction of efficient equipment have also improved the overall energy efficiency of the production line.



AION Intelligent Energy Storage Station

AION actively optimises energy management by introducing large-scale energy storage systems in the production parks, fully utilising peak shaving and valley filling to improve energy efficiency. By coordinating scheduling between photovoltaic and energy storage, more than 50% of daytime production electricity is supplied by renewable energy.

In 2024, AION's Phase II energy storage station officially commenced operations, with a total capacity of 19.7 MW/39.4 MWh. This includes Phase I capacity of 11 MW/22 MWh and an additional 8.7 MW/17.4 MWh in Phase II. The project leverages photovoltaic power generation and energy storage technologies to create a closed-loop system for green electricity production, storage, and distribution. Acting as an "energy regulator" for the production park's electricity usage, it operates in a "two charges and two discharges daily" mode in conjunction with the PV system, providing nearly 28 million kWh of green electricity annually. Through intelligent energy management, AION not only enhances production stability but also accelerates the green, low-carbon transition, promoting the synergistic development of the new energy vehicle and new energy storage industries.

AION's Energy Storage Station possesses four core functions, further enhancing the safety, stability, and intelligence of energy management:

Support for islanding operation

When the city power fails, the energy storage system can operate off-grid independently, providing emergency power protection for the park and ensuring stable power supply.

Demand control

By combining load characteristics and historical electricity consumption data, power demand is monitored in real-time, and the energy storage system discharge is intelligently adjusted to effectively reduce electricity peak and optimise power costs.

Active fire extinguishing design

Utilising the industry's advanced perfluorohexanone fire extinguishing system, combined with an automatic fire alarm and linkage control system, a high-security energy storage protection mechanism is constructed.

24/7 comprehensive monitoring

Deploy an energy management system to monitor the energy storage operation status around the clock, and set up a professional monitoring hall and an information machine room that complies with national standards to ensure stable system operation.

Supplier Energy Consumption Management

GAC Group carries out carbon neutrality actions with its suppliers to jointly achieve GAC Group's carbon neutrality goal throughout the whole product life cycle by 2050 (stretch goal: 2045), and continuously improves the carbon emission reduction performance of the supply chain in the form of supplier training, supplier target setting, and supplier audits.

GAC Honda

In supplier energy management, GAC Honda plays a leading role as the industrial chain leader enterprise, and promotes energy-saving and carbon reduction in partnership with upstream suppliers through the OEM's procurement system. Specific measures include promoting the low carbonisation of raw materials, increasing the utilisation rate of renewable materials, and assisting suppliers in introducing green energy and energy-saving equipment, actively improving energy efficiency.

GAC Toyota

GAC Toyota strictly complies with the green procurement policy and promotes the enhancement of supplier environmental and energy management capabilities by relying on the *Green Procurement Guide*, providing technical and management support to suppliers according to the *Supplier Carbon Neutral Mid-term Reduction Plan*. By establishing CO₂ emission control indicators and optimising energy usage structures, GAC Toyota guides suppliers to continuously reduce energy consumption and carbon emissions, collectively building a green supply chain ecosystem that fosters collaborative energy conservation and emission reduction throughout the supply chain.

Dealer Energy Consumption Management

Dealer energy consumption management is an important link for GAC Group to achieve its carbon reduction goals. To further reduce carbon emissions throughout the entire product lifecycle, GAC Group is actively promoting its affiliates to implement carbon reduction measures among dealers in order to jointly lower the overall carbon footprint.

GAC Honda

GAC Honda collaborates with dealers to promote energy conservation and carbon reduction, enhancing the green operational standards of sales channels while communicating low-carbon and environmentally friendly concepts to consumers. The company has launched the "Green Authorised Dealership" project, which establishes standards covering carbon emissions and environmental management. It sets clear management requirements for energy usage and carbon emissions in the daily operations of dealers, supporting the sustainable development of terminal channels.

GAC Toyota

By promoting energy-saving and emission-reduction measures in sales stores, approximately 239.47 tonnes of CO₂ emission are reduced annually, and suppliers' carbon emission data are regularly collected to track emission reduction progress. Meanwhile, GAC Toyota also encourages sales stores to introduce energy-saving projects such as energy-efficient lighting and smart energy-saving air conditioning systems to further promote green transformation in channels.

GAC Toyota Actively Promotes Energy Saving and Emission Reduction Among Suppliers and Dealers

GAC Toyota collects carbon emission data from suppliers annually and tracks the implementation of suppliers' emission reduction measures. In terms of sales network, by 2024, a total of 29 sales stores have been equipped with solar photovoltaic power generation systems, with an average single-store power generation efficiency of 128,700 kWh/year, reducing CO₂ emissions by 104.56 tonnes/year. Sales stores are also encouraged to introduce energy-saving projects such as lighting and smart energy-saving air conditioning systems.



Sales stores equipped with solar photovoltaic power generation systems

29 stores



Average single-store power generation efficiency

128,700 kWh/year



CO₂ emissions reduced by

104.56 tonnes/year

4. Water resource management

GAC Group strictly abides by the *Law of the People's Republic of China on Prevention and Control of Water Pollution*, the *Water Law of the People's Republic of China*, the *Emission Standard of Pollutants for Electroplating*, the *Administrative Measures for the Licensing of Discharge of Urban Sewage into the Drainage Network*, the *Environmental Quality Standards for Surface Water*, and other laws, regulations, and requirements and standards. By integrating the specific standards of its operational locations, GAC Group ensures that its water resource management complies with regulatory requirements. Meanwhile, various enterprises have formulated multiple internal management policies on wastewater, such as the *Water Use Management Procedure*, the *Control Procedures for Sewage, Exhaust Gas and Noise Emissions*, the *Resource and Energy Conservation Control Procedures*, and the *Drainage Network Management System*. These efforts are designed to promote the treatment of domestic sewage and production wastewater. GAC Group has established a structured governance framework for water conservation management through the leading group for water conservation and the ecological environment management committee. The Group has developed a systematic water-saving plan and installed an online monitoring system of sewage discharge for real-time monitoring of discharge volume. Additionally, the Group invited third-party monitoring units for comprehensive monitoring to ensure efficient utilisation of water resources and compliance with sewage discharge standards, thereby implementing water resource protection goals effectively.

GAC Honda

Through multifaceted applications of reclaimed water, water resource utilisation efficiency has been significantly improved. Reclaimed water is used for roof spray cooling, green irrigation, and toilet flushing, effectively reducing the consumption of high-quality water sources, decreasing air conditioning demand and saving energy. The estimated use of reclaimed water in 2024 is about 620,000 cubic metres.

GAC Toyota

Through water-saving improvement measures in the painting and welding workshops, GAC Honda has significantly reduced drainage and cooling water waste. After treatment, production wastewater is reused for greening and production, effectively utilising water resources. The water consumption in 2024 is 1,677,000 cubic metres, with water consumption per vehicle at 2.28 cubic metres per unit, which is far below the industry standard.

Wuyang-Honda

By introducing a digital energy gas station and using air cooling equipment instead of water-cooling equipment, Wuyang-Honda has achieved an annual water savings of 4,200 tonnes. During the painting production process, by optimising the conductive primer spraying stage combined with production scheduling adjustments, VOC equipment spray water waste is significantly reduced, saving about 282 tonnes of water annually. Furthermore, treated standard-compliant wastewater from the sewage treatment plant is reused for toilet flushing and landscaping, with annual reuse water volume reaching 49,000 tonnes.

GAC Component

GAC Component has set a goal to gradually reduce water consumption per unit of output year by year and is implementing water-saving measures across multiple affiliates. For instance, Guangzhou Denso Co., Ltd. strives to save 3% of total water consumption by reusing concentrated water in cooling towers and reusing domestic wastewater for greening. Moreover, the company improves employees' awareness of water saving by replacing water-saving appliances and promoting water conservation campaigns. Each affiliate also enhances water resource utilisation efficiency by reusing reclaimed water for cleaning, greening, and cooling purposes.



5. Circular economy development

GAC Group, in terms of circular economy development, continuously promotes the green transformation of the industrial chain through innovative business models and in-depth implementation of green development philosophy. From product design, production and manufacturing to waste recycling and reuse, a complete green circular industrial chain has been established. In addition, the Group pays attention to monitoring and evaluating the whole process of resource use and waste disposal, actively responding to resource waste and environmental risks that may arise in circular economy practices, thereby achieving efficient use of resources and minimising environmental burdens.

Green Packaging Materials and Resource Optimisation

GAC Group, together with its affiliates, has formulated policies, systems and work standards, such as the *Parts Packaging Setting Standards*, based on its own business characteristics, and is committed to proactively reducing the use of packaging materials in the whole process from production to sales. The Group actively promotes upstream and downstream partners to jointly reduce the consumption of large amounts of packaging materials in the process of automobile production, transportation, and sales. It also advocates and practices the reduction of packaging materials, sustainable packaging and recycling, in order to continuously improve the sustainable proportion of product packaging.

GAC Honda promotes the 3R (Reduce, Reuse, Recycle) activities actively through cooperation with suppliers and relevant parties, strictly implementing green packaging measures throughout the process from resource procurement to waste disposal. By optimising the design of packaging containers, it aims to minimise the use of packaging auxiliary materials and disposable materials.

The Construction and Recycling of New Energy Industry Chain

Upower Energy is actively promoting the construction of the new energy industry chain. A complete industrial layout of "lithium mine+ production of basic lithium battery raw material + battery production + energy storage and battery charging and swap service + battery leasing + battery recycling and second-life utilisation" has been formed, implementing the producer responsibility extension system and committing to enhancing the reuse value of discarded batteries. Under the guidance of the green circular concept, Upower Energy, through intelligent and flexible technologies, implements the second-life utilisation of power batteries by reapplying retired batteries in low-speed vehicles, engineering vehicles, energy storage, and other fields. At the same time, Upower Energy also conducts parts and components remanufacturing projects to repair and upgrade old parts, maximally reducing the depletion of mineral resources. For example, the manufacture of one remanufactured drive motor can reduce carbon emissions by 260 kg and significantly decrease the consumption of mineral resources and fossil energy, further promoting the green development of a sustainable industrial chain.

Waste Recycling and Resource Reuse in the Production Process

GAC Honda actively recycles metal waste, packaging waste, waste plastic and other solid waste during the production process, handing it all over to qualified third parties for recycling, thus reducing resource waste and effectively promoting resource recycling.

GAC Toyota is continuously innovating in the design of green products, with the recyclability and reusability of new models being 96.6% and 92%, respectively, significantly higher than industry standards, reflecting environmental responsibility throughout the product lifecycle.

Recycling of Old Vehicles and Solid Waste Resource Utilisation

In the field of scrapped motor vehicle recycling and dismantling, upon the implementation of the new *Measures for the Administration of Recycling of Scrapped Motor Vehicles* (Order No. 715 of the State Council) and its supporting regulations, Upower Energy has established the first base in Guangdong Province with comprehensive qualifications for recycling and dismantling, achieving the recycling and dismantling of scrapped fuel vehicles and new energy vehicles, promoting resource reuse within the vehicle lifecycle. By constructing a "two centres + two bases" scrap steel recycling base, the comprehensive utilisation rate of automotive resources is enhanced, further promoting the reduction, resource utilisation, and harmlessness of solid waste.

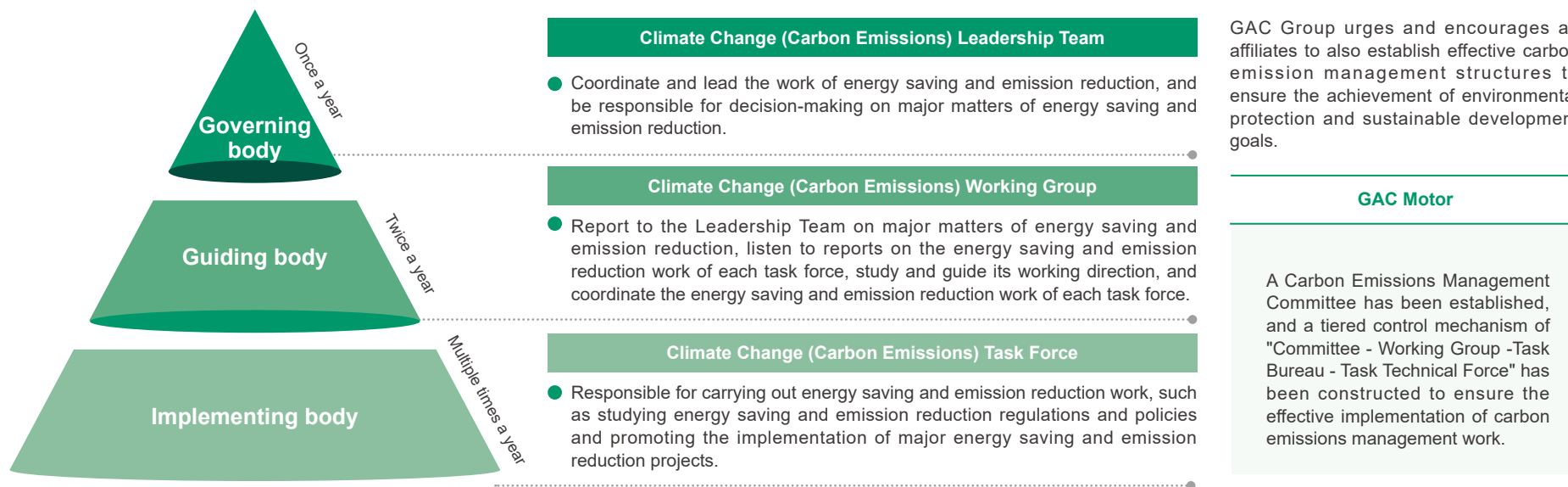
iii. Climate Change Tackling

Climate change has become one of the greatest challenges to the development of all civilisation. China is committed to striving to achieve carbon peaking by 2030 and carbon neutrality by 2060. In 2024, GAC Group further implemented the "GLASS Plan" and actively responded to the national call to achieve carbon neutrality throughout the product life cycle by 2050 (stretch goal: 2045).

1. Governance

GAC Group is acutely aware of the potential impact of climate change risks on normal business operations. The Board of Directors attaches great importance to climate change and the risks and opportunities that carbon neutrality presents for the high-quality development of the enterprises, and regularly reviews the Group's climate change progress and carbon emission performance. The Group's Board of Directors has established a Climate Change (Carbon Emissions) Governance Structure, which consists of the Climate Change (Carbon Emissions) Leadership Team, the Climate Change (Carbon Emissions) Working Group, and the Climate Change (Carbon Emissions) Task Force as independent organisations.

Based on the energy saving and emission reduction targets, GAC Group has set up an energy saving and emission reduction assessment system and incorporated performance indicators into the annual target assessment system of affiliates. GAC Group actively promotes energy saving and emission reduction in the six key development areas of green production, green products, green supply chain, green travel, green finance, and green community.

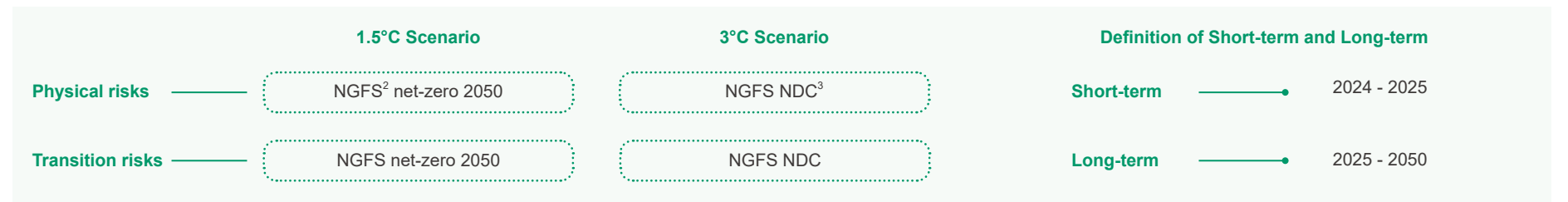


2. Strategy

According to the ISSB's *International Financial Reporting Standards for Sustainability Disclosure No. 2 - Climate-related Disclosure* (IFRS S2) recommendations, the SSE's *Self-regulation Guidelines for Listed Companies No. 14 - Sustainability Report (Trial)* and the HKEX's *Appendix C2 Environmental, Social and Governance Reporting Code* requirements, GAC Group assesses the climate performance and climate-related risks and opportunities of GAC Group and its affiliates.

Scenario Analysis

GAC Group conducts scenario analysis of climate-related risks and opportunities. According to GAC Group's carbon neutrality goal: the Group aims to achieve carbon neutrality throughout the product life cycle by 2050 (stretch goal: 2045), and conducts climate scenario assessment based on the 1.5°C warming scenario and the 3°C warming scenario for 2025 and 2050.



GAC Group divides climate risks into physical risks and transition risks as per the above requirements, while identifying opportunities related to climate change issues. GAC Group, based on industry characteristics and its own operations, assesses the potential business impact, potential financial impact, and formulates response plans for the risks and opportunities arising from climate change, as specifically listed below. For the possibility analysis and impact degree analysis of various risks, please refer to the "Risk Management" section.

Type of Risk		Specific Risks	Time-frame	Potential Business Impact	Potential Financial Impact	Response Plan
Physical risks	Acute risks	Coastal flooding	Short-term and long-term	Coastal flooding may have some impact on automobile manufacturing and the supply chain; floods may cause factory shutdowns, transportation and delivery disruptions, affecting overall production and operations. Currently, GAC Group has few coastal operating points, so the possibility of this risk occurring is relatively small.	<ul style="list-style-type: none"> Damage to factories and supply chain facilities, increasing repair and reconstruction costs. Interruption of production leading to reduced income. Disruption in transportation and delivery affecting sales cash flow. Long-term influence may increase insurance expenses or investment in flood control facilities, raising capital expenditure. 	<p>Regularly assess the flood control capabilities of coastal factories and warehouse facilities. Formulate business continuity and emergency plans to ensure that adequate flood control equipment and facilities are prepared and factories are not directly damaged and remain operational during floods.</p> <p>Meanwhile, purchase insurance covering flood losses to comprehensively prevent economic losses caused by coastal flooding.</p>

² NGFS: The Network of Central Banks and Supervisors for Greening the Financial System.

³ NDC: Nationally Determined Contributions.

Type of Risk		Specific Risks	Time-frame	Potential Business Impact	Potential Financial Impact	Response Plan
Physical risks	Acute risks	River flooding	Short-term and long-term	River flooding could significantly impact car manufacturing and supply chains; in recent years, river flooding and related meteorological disasters have been frequent, which can greatly affect factories and roads, posing a risk of business interruption to GAC Group. Some operation sites of GAC Group are close to rivers or located in areas affected by river flooding, and it is estimated that certain impacts will occur if river flooding happens.	<ul style="list-style-type: none"> Factory shutdown and equipment damage reduce production efficiency and increase repair costs. Business interruption severely affects cash flow and overall revenue. It may be necessary to evaluate factory site selection and increase investment in flood prevention facilities, raising capital expenditure. 	Check if embankments are established along the riverside before site selection; also, develop a flood emergency plan, including equipment protection, production adjustments, and employee safety measures. Collaborate with suppliers to establish diversified supply channels to ensure that the supply of parts is not affected. Develop a real-time flood monitoring system for early warning.
		Tropical cyclones	Short-term and long-term	Tropical cyclones have severe impacts on car manufacturing facilities and supply chains. Open-air parking lots, temporary buildings, and public roads are all risk points, and tropical cyclones can cause direct economic loss, business continuity risk, and supply chain risk to GAC Group. A large proportion of GAC Group's operational points are located in areas affected by tropical cyclones, so they easily pose substantial potential impacts on the business.	<ul style="list-style-type: none"> Factory shutdown and equipment damage lead to direct asset impairment. Production interruption and supply chain delays impact product delivery and reduce overall revenue. Insurance costs and emergency response spending increase operating costs. 	Strengthen the structural integrity of factory buildings, reduce temporary structures within the factory, and ensure that the entire site can withstand strong winds and heavy rain. Develop a typhoon emergency plan, including equipment securing, employee evacuation, and production recovery procedures. Promote reasonable scheduling of delivery and supply chain delivery to avoid delivering and supplying during typhoon days; purchase insurance covering typhoon losses to prevent economic losses caused by typhoons. Collaborate with suppliers to establish diversified supply channels to ensure that the supply of parts is not affected.
		Wildfire	Short-term and long-term	Wildfires may have some impact on the automotive industry and its value chain. Wildfires may cause disruptions in raw material supply for GAC Group, such as key materials like rubber and plastic. In addition, smoke from wildfires may also affect employees' health and work efficiency.	<ul style="list-style-type: none"> Wildfires directly lead to the scrapping of products pending delivery, resulting in asset impairment. Interruption of raw material supply leads to increased costs for emergency stockpiling. Deterioration of employees' health and decreased work efficiency cause an overall increase in labour costs. 	Avoid building production bases near forest areas, while placing fire prevention and firefighting equipment at various risk points in production bases, regularly removing flammable substances, and installing automatic sprinkler systems and smoke detectors. Develop a wildfire emergency response plan, including employee evacuation, equipment protection, and data backup procedures. Conduct regular fire drills.
		Low river flow	Short-term and long-term	Low river flow will cause water shortages, affecting water supply at some operational points; at the same time, the ecological degradation caused by reduced river flow may lead to environmental deterioration around GAC Group's operational points.	<ul style="list-style-type: none"> Water shortages impact overall production efficiency and increase operating costs. Maintaining the ecological environment around operational points increases capital expenditure. 	Optimise water resource efficiency during production processes by using water-saving technology and recycling water systems. Develop an emergency plan for water shortages and adjust production plans to minimise impact.

Type of Risk		Specific Risks	Time-frame	Potential Business Impact	Potential Financial Impact	Response Plan
Physical risks	Chronic risks	Extreme high temperatures	Long-term	Extreme high temperatures may have a significant impact on automobile manufacturing and the full life cycle use of products, resulting in increased cooling energy consumption to ensure smooth equipment operation and avoiding employees working in high-temperature environments. High temperatures are also likely to prompt consumers to propose higher requirements for new energy automobiles, including battery efficiency and equipment stability. GAC Group faces severe extreme high temperature risks, which will have varying degrees of impact on its operational points and the full life cycle of its products.	<ul style="list-style-type: none"> An increase in equipment failure rate, a decline in production efficiency, and increased maintenance and operational costs. Employee health issues and high-temperature subsidies drive up medical and welfare spending. High-temperature environments affect battery efficiency and overall material durability, increasing after-sales costs, while consumers' concerns about batteries in extreme environments result in reduced sales revenue. 	Install efficient cooling equipment, such as air conditioning and ventilation systems in the factory, to ensure the normal operation of the production line and staff in high-temperature environments. Optimise the production plan to avoid high-intensity operations during high temperature periods. Provide heatstroke prevention supplies and health monitoring services to employees to reduce health risks. Strengthen battery pack testing, focusing on the performance of the battery pack in high-temperature environments.
		Extreme low temperatures	Long-term	Extreme low temperatures may have impacts on car manufacturing, supply chain, and the full lifecycle use of products. Low temperatures may cause equipment failures, impacting the normal operation of the production line; at the same time, low temperatures will affect battery power supply efficiency and the operational efficiency of in-car electronic devices. Extreme low temperatures may also affect logistics and transportation, leading to delivery delays of parts and finished products.	<ul style="list-style-type: none"> Equipment failures and production interruptions increase maintenance and energy costs. Increased investment is required in research and development for the low-temperature resistance and durability of batteries and other electronic products. 	Strengthen insulation measures in the factory to ensure the normal operation of the production line and critical equipment in low-temperature environments. Strengthen equipment heating, employee warmth, and production adjustment measures. Simultaneously, evaluate the rigidity and other cold-resistant indicators of car parts in extremely cold regions to ensure the delivery of products that meet quality requirements.
		Extreme precipitation	Long-term	Extreme precipitation may have severe impacts on car manufacturing facilities and supply chain. Extreme precipitation affects overall production and transportation efficiency, and the accompanying secondary risks (such as landslides and mudslides) may damage equipment, inventory, and transportation routes, leading to shortages of parts and production delays.	<ul style="list-style-type: none"> Continuous precipitation leads to increased humidity, which can accelerate equipment depreciation, increase the asset depreciation rate, and result in greater repair and replacement costs. Precipitation causes secondary disasters such as mudslides, which can easily disrupt supply chains or delay transportation, affecting product delivery and reducing revenue. 	Construct efficient drainage systems to prevent waterlogging. Regularly check the waterproof performance of roofs, walls, and equipment to ensure they can withstand heavy precipitation. Develop emergency plans for extreme precipitation. Optimise insurance products to enhance rapid settlement capability during disasters, optimise settlement plans, and ensure the cash flow red line.
		Extreme snowfall	Long-term	Extreme snowfall can severely impact automobile manufacturing, supply chains, and products. Heavy snow and accumulation can pose risks to production sites, and heavy snow can easily block roads, causing delays in the transport of parts and finished products. This risk may also increase automobile maintenance demand, especially in cold areas, adding pressure to after-sales services.	<ul style="list-style-type: none"> Road frost or ice leads to disruption or delay in overall transportation and delivery, causing revenue decrease or directly affecting cash flow. Increased expenditure on snow removal and equipment maintenance drives up operating costs. Increased after-sales pressure on automobiles raises after-sales costs. 	Strengthen the load-bearing capacity of factory roofs and equipment to prevent collapse from snow accumulation. Optimise supplier transportation routes and times to reduce the impact of snowfall on the supply chain, assess the links in the supply chain that may be affected by snowfall, and increase inventory buffers. Meanwhile, enhance the safety and durability of products in snowfall environments.
		Extreme wind	Short-term	Extreme wind can cause damage to automobile manufacturing facilities and logistics. Strong winds may damage plant structures, impacting the normal operation of production lines. In addition, extreme winds will cause additional damage to automobiles, increasing insurance costs.	<ul style="list-style-type: none"> Factory facilities and equipment are damaged, increasing repair costs. Investment is needed in more robust building structures and emergency response systems, increasing capital expenditure. 	Reinforce the structural integrity of factory buildings to ensure they can withstand strong winds. Develop an emergency plan for strong winds, including equipment securing, employee safety, and production adjustment measures.

Type of Risk		Specific Risks	Time-frame	Potential Business Impact	Potential Financial Impact	Response Plan
Transition risks	Policy and regulation risks	Tightening of carbon peaking and carbon neutrality and ESG regulatory policies	Short-term and long-term	<p>Currently, the SSE, HKEX, and State-owned Assets Supervision and Administration Commission of the State Council all require disclosure of greenhouse gas emissions.</p> <p>The National Development and Reform Commission (NDRC) and other departments proposed in the <i>Opinions on Accelerating the Establishment of a Product Carbon Footprint Management System</i> that by 2025, approximately 50 key product carbon footprint accounting rules and standards will be issued at the national level, and a background database for key industry carbon footprints will be initially established, along with the formation of a national product carbon label certification system. The application scenarios of carbon footprint accounting and labelling in production, consumption, trade, and financial fields will affect GAC Group's entire business sectors.</p>	<ul style="list-style-type: none">Establishing a carbon emission statistic mechanism increases management and labour costs, but also helps GAC Group enhance work in energy saving and emission reduction, thereby reducing the operational costs of overall energy consumption.Increasing the management of carbon emissions throughout the product life cycle raises the operational costs of the overall value chain control.Tightening of carbon footprint regulatory requirements will also lead GAC Group to procure products with better carbon emission performance, thereby potentially increasing procurement costs.	<p>Relevant data has been disclosed, and further work is needed to identify carbon emission sources within the scope of operations, and in the future, ESG data systems will include statistics for Scope 3 carbon emissions data.</p> <p>Define the boundary range for carbon verification, carry out comprehensive lifecycle carbon emission data collection, improve the foundational work for supplier carbon audits, and ensure smooth progress in product carbon footprint accounting.</p>
	Market risks	Raw material risks	Short-term and long-term	<p>The upstream of the automotive industry, including industries such as steel, chemical, and non-ferrous metals, is also a major source of carbon emissions in their production process. To achieve GAC Group's goal of attaining carbon neutrality throughout the product life cycle by 2050, the impact of carbon emission characteristics of upstream products should be emphasised.</p>	<ul style="list-style-type: none">Managing the carbon emission risk of raw materials correspondingly increases GAC Group's operational costs.Enhancement of examination and evaluation for raw materials also increases significant human capital.	<p>In the future, progressively carry out the statistical work of Scope 3 carbon emission data, and in certain procurement processes, give priority to choosing low-carbon materials.</p>
	Reputational risks	Goodwill, litigation cases, and adverse public events	Short-term and long-term	<p>An increasing number of investors are focusing on companies' actions regarding climate change. Failure to adequately respond to climate risks may result in certain negative impacts on society, thereby affecting goodwill and brand, potentially leading to litigation risks and crisis management pressures, and may also impact the overall enterprise value.</p>	<ul style="list-style-type: none">Extreme weather causing direct losses to consumers can lead to concentrated claim risks, causing cash flow tensions.Product quality issues exposed by extreme weather can easily lead to risks such as concentrated complaints and rights defending, thereby reducing income and increasing claim costs.	<p>Focus on the development and application of product quality standards, include emerging risks as risk factors, strengthen risk management, orderly advance green and low-carbon transformation, enhance communication, and actively respond to the concerns of all stakeholders.</p>
	Technological risks	Preference for more intelligent and safer technological applications	Short-term and long-term	<p>Currently, consumer preference for green and low-carbon products is rising, demand for new energy automobiles is soaring, Europe has set targets for replacing new energy automobiles, and demand for new energy automobiles is also growing in regions such as the Middle East, Russia, and South America, impacting the new energy transition path of the GAC Group.</p>	<ul style="list-style-type: none">Impacts on the sales of traditional fuel automobiles reduce some income.Technological adjustments and changes in R&D directions lead to greater R&D investment, increasing overall operational costs.	<p>Capitalise on customer demand, further deepen the steady increase in the sales proportion of new energy automobiles, achieve over 50% sales of self-owned brand-new energy automobiles by 2024, and target 60% of the entire Group's new energy automobiles by 2030. GAC Group officially released the "135" development strategy for commercial automobiles, targeting a revenue goal of RMB 30 billion by 2030, accelerating the transition to intelligent new energy commercial automobiles.</p>

Type of Risk		Specific Risks	Time-frame	Potential Business Impact	Potential Financial Impact	Response Plan
Opportunities	Goods and services	Development of low-carbon products	Short-term	The development of new energy automobiles and hydrogen energy automobiles allows GAC Group to quickly seize market demand for new energy automobiles and the technological first-mover advantage.	<ul style="list-style-type: none"> R&D investment has been increased initially; subsequently, low-carbon technology can attract financing and government subsidies, whilst the leading edge of low-carbon technology can increase revenue. 	Enter the era of dual-power strategy 2.0, and develop a new i-GPMA architecture platform compatible with multiple hybrid modes such as HEV/PHEV/REEV.
	Promote energy structure transformation	Promote the transformation of the industry product life cycle	Short-term and long-term	The development of technologies such as solid-state batteries and hydrogen energy helps innovate the storage methods of new energy automobile products, explore industry storage and replenishment models, and promote the integrated development of the automotive industry.	<ul style="list-style-type: none"> The adjustment of the energy structure and engagement in the energy-related industry chain will inevitably require adjustments to business models, incurring additional costs; however, as the energy structure adjusts, the GAC Group will also be able to enjoy lower-cost electrical energy. 	<p>Upower Energy is committed to building a vertically integrated new energy industry chain, and a comprehensive industry chain layout helps to apply low-carbon technologies in various links such as research and development, production, and service, improving resource efficiency, reducing costs, and creating new business models.</p> <p>GAC Group will use nuclear power electricity extensively through collective procurement by 2025 to reduce overall carbon emissions.</p>
	Resource efficiency	Recycling	Short-term and long-term	The recycling of lithium batteries helps to reduce environmental impact, promote the repeated recycling of lithium and other metal resources, and reduce the cost of raw material development.	<ul style="list-style-type: none"> Increase preliminary recycling investment and raw material procurement costs; if a complete business loop cannot be formed, it will inevitably affect cash flow. 	Conduct full product lifecycle management work of lithium batteries and gradually carry out the business of cascade utilisation of lithium batteries, effectively improve the Group's cash flow, reduce the cost of resources such as lithium and other metals, and reduce the impact of new energy automobiles on the environment.

3. Risk management

GAC Group has formulated and continuously updated key management systems such as the *Administrative Measures for Reporting Major Operational Risk Events* and the *Administrative Measures for Internal Control*, aiming to build a comprehensive risk management framework. The framework supports assessment work of risk management and internal control to ensure that each business department follows established processes and policies in daily operations and regularly reports to the Management so that the Management can conduct specialised internal control analysis and implement improvements for identified high-risk links and areas. In addition, the Management will promptly report the results of risk control, risk assessment, and internal control assessment to the Board of Directors.

The Group is committed to closely monitoring the development trends of climate change risks through risk management mechanisms and actively promoting the identification and assessment of climate change risks. By continuously updating management measures to tackle climate risks, the overall risk management capability of the Group is enhanced.

Climate Risk Prioritisation

GAC Group conducts prioritisation through quantitative and qualitative assessment to achieve the most effective allocation of resources to mitigate risks. The heads of business departments assessed the factors contributing to risks and opportunities, existing/planned measures and control measures, adaptability and future risks, as well as discussing the potential impact of risks or opportunities on GAC Group's financial performance (revenue and expenditure) and financial status.

GAC Group conducts climate change risk prioritisation analysis by prioritising according to the degree of climate risk impact (from internal judgment and analysis) and the likelihood of climate risk impact (from scenario analysis). See the diagram on the right for the relevant matrix and results.



4. Metrics and targets

To better respond to climate change and actively promote the "carbon peaking and carbon neutrality" action, GAC Group released a carbon neutrality goal: it plans to achieve carbon neutrality throughout the product life cycle by 2050 (stretch goal: 2045). In addition, based on the actual operational conditions of each enterprise, the Group set energy saving and emission reduction goals and measures from six aspects to ensure the smooth progress of various "carbon peaking and carbon neutrality" targets.

- **Overall short-term target:** It is anticipated that by 2025, among domestic automobile enterprises, the Group will be leading in terms of main energy saving and emission reduction indicators of the vehicles and parts and components (including engines) segments.
- **Specific implementation target:** The Group headquarters and various affiliates set specific implementation targets around the following six dimensions based on actual conditions to ensure the implementation and execution of each target.

Total Energy Consumption	Unit	2023	2024
Total energy consumption	Ten thousand kWh	248,047.31	279,214.88
Total greenhouse gas emissions (Scope 1 and Scope 2)	Tonne CO ₂ equivalent	1,060,904.15	1,218,936.00

Green production

- Strictly adhere to regulations and risk control to achieve legal compliance management;
- Update and introduce energy-efficient equipment in a timely manner according to development needs;
- Continuously optimise production processes and technologies and improve raw and auxiliary materials;
- Strengthen energy usage management;
- Enrich energy types and optimise the structure of energy usage;
- Enhance the recycling of resources.

Green products

- Emphasise research and development of energy saving and emission reduction technologies;
- Increase the proportion of new energy automobiles;
- Continuously promote lightweight products;
- Promote the recycling and reuse of used products.

Green supply chain

- Optimise top-level design;
- Implement management measures;
- Strengthen supply chain management;
- Continuously deepen the green and low carbon management of suppliers with the aid of information technology and performance evaluation mechanisms.

Green action

- Expand the urban coverage of services and accelerate the introduction of new energy automobiles;
- Actively explore the business of "separation of vehicles and electricity";
- Strengthen the intermodal transportation of roads, railroads and waterways, and increase the proportion of water transportation;
- Improve infrastructure.

Green finance

- Carry out industrial investments;
- Actively participate in voluntary emission-reductions trading;
- Explore green supply chain finance;
- Develop green insurance;
- Actively pursue other areas of green finance.

Green community

- **Green office areas:** First, actively promote the application of photovoltaic power generation projects; Second, demonstrate the feasibility of green buildings and promote their application; Third, continuously expand the coverage of the paperless office.
- **Green community areas:** First, actively guide the completion of the Group's carbon sink rights confirmation work; Second, continue participating in public welfare activities, such as ecological protection and biodiversity surveys, and continue to develop the Environmental Public Welfare Project in the Sanjiangyuan National Park.

04

Intelligent Connection and Harmony for Sound Corporate Ecosystem

- Partnership Expansion 99
- Growth with Employees 104
- Contribution to a Harmonious Society 115

Response to the SSE *Guidelines* issues:

Supply Chain Security, Equal Treatment to Small and Medium-Sized Enterprises, Employees, Rural Revitalisation, Contributions to the Society

HKEX KPIs:

B1, B1.1, B2, B2.3, B3, B4, B4.1, B4.2, B5, B5.2, B5.3, B5.4, B8, B8.1, B8.2

Relevant GRI indicators:

2-7, 2-8, 2-19, 2-24, 2-25, 2-26, 2-30, 201-3, 203-1, 203-2, 308-1, 308-2, 401-2, 403, 404-2, 404-3, 405-1, 413-1, 414-1

The SDGs addressed in this chapter

1 NO POVERTY

2 ZERO HUNGER

3 GOOD HEALTH AND WELL-BEING

4 QUALITY EDUCATION

5 GENDER EQUALITY

10 REDUCED INEQUALITIES

11 SUSTAINABLE CITIES AND COMMUNITIES

17 PARTNERSHIPS FOR THE GOALS

SDG1 - NO POVERTY

SDG2 - ZERO HUNGER

SDG3 - GOOD HEALTH AND WELL-BEING

SDG4 - QUALITY EDUCATION

SDG5 - GENDER EQUALITY

SDG10 - REDUCED INEQUALITIES

SDG11 - SUSTAINABLE CITIES AND COMMUNITIES

SDG17 - PARTNERSHIPS FOR THE GOALS

04

GAC Group is committed to the goal of practising "Harmonious Corporate Ecosystem", building a strategic cooperative "win-win" partnership with upstream and downstream partners in the industrial chain. At the level of internal employee governance, GAC Group is dedicated to creating an empowering humanistic ecology, providing employees with a growth-oriented workplace that is fair and inclusive, safe, and rich in humanistic care. In terms of external social care, GAC Group drives shared industry development through innovation, actively contributing to the construction of a harmonious society, and continuously injecting robust momentum into the high-quality development of the socioeconomic environment.

Goals and Progress

Goal Setting	Progress Review	Improvement Plan for Next Phase
Fairness for Small and Medium-Sized Enterprises and Economic Development		
Encourage and deepen cooperation with SMEs in R&D, procurement, and other areas, promoting their development through strategic alliances and technology sharing to form stable cooperative relationships.	Guided by open cooperation, GAC Group deepened strategic synergy with industry partners, built an industrial innovation community, and ensured supply chain stability. The Group has also supported SME growth, explored frontier technologies through innovation chain construction, and promoted coordinated development and stable prosperity of the industrial chain.	GAC Group will further expand the pattern of open cooperation, strengthen the upstream and downstream coordination of the industrial chain, and enhance the resilience and innovation of the supply chain to jointly lead breakthroughs in fields such as new energy, lightweight, intelligence and sharing, and contribute to the continuous optimisation and high-quality development of the industrial ecosystem.
Supply Chain Security and Responsibility		
Develop and implement a supply chain safety management system, supervise upstream and downstream companies in adhering to safety norms, continuously conduct safety training and education, prioritise local suppliers, and establish strict supplier access standards.	By establishing strict supplier management systems, establishing comprehensive supply chain risk management mechanisms, and collaborating with suppliers for mutual development, GAC Group was committed to building a sustainable and responsible supply chain management system, ensuring the robustness of the supply chain and business continuity.	GAC Group will continuously optimise supply chain management, deepen collaboration with suppliers, and strengthen the whole lifecycle risk management. The Group will also further enhance the sustainability, transparency, and risk resistance of the supply chain, and strive unrelentingly to build a greener, safer, and more efficient supply chain system.
Protection of Employee Rights and Interests		
Improve communication channels to understand the needs of GAC Group's employees and implement employee care	Instructing 100% of enterprises to set up a system of the Workers' Congress systems, and carried out the collection and selection of staff proposals. GAC Group has launched a full-coverage care and comfort programme, implemented a round-the-clock employee psychological assistance programme, and strengthened humanistic care and psychological counselling. GAC Group has also improved the quality of service for female employees holistically, promoted the construction of employee service facilities, and implemented employee services, pushing ahead with the participation of all employees for cultural cultivation.	GAC Group will continue to ensure regular employee reception, implement "mutual assistance + support" programmes, and continuously promote the Employee Assistance Programme (EAP) to care for employees' mental health. The Group will also advance the construction of employee service stations and enhance their deployment. Pilot projects aimed at improving the quality of employees' lives will be implemented, and the "Happy Enterprise" evaluation system will be promoted and applied. Furthermore, the Group will establish pilot units for creating a "Happy Enterprise" model.

Goal Setting	Progress Review	Improvement Plan for Next Phase
Occupational Health and Safety		
No occurrence of major or above work safety accidents.	Based on the improvement of the production safety responsibility system and regulatory system, with the strengthening of the implementation of dual prevention efforts as the key, and taking production safety target management as the starting point, the Group has earnestly implemented the primary responsibility for production safety of the enterprise and the investment entity. There were no major or above production safety accidents.	GAC Group will continue to enhance the implementation of a comprehensive safety production responsibility system, strictly enforce the primary responsibility of the enterprise in safety production, and strengthen risk control and hidden perils investigation and management in emerging areas so as to prevent the occurrence of major or above work safety accidents.
Employee Training and Development		
Continuously improve the systematic training system covering new employee orientation training, leadership training, skills enhancement training, and career development planning, and establish a complete promotion channel, career development plan, and incentive mechanism.	GAC Group continuously improved and provided diverse career development paths, including leadership development, skills enhancement, and innovation capability training. The Group has also established employee career development and coaching plans to help employees clarify career goals, plan future development paths, and implement internal transfer and skills enhancement work.	GAC Group will strengthen the breadth and depth of the employee training system, continuously review and improve promotion channels to assist more GAC employees in achieving their career development plans.
Efforts in Rural Revitalisation		
Continuously promote rural revitalisation work in terms of industry, talent, culture, and ecology, promoting rural economic and social development.	GAC Group utilised industrial advantages to actively assist the "six revitalisations" of industry, talent, culture, ecology, organisation, and consumption in relatively underdeveloped areas, building a distinctive "major support" pattern of GAC Group.	GAC Group will strengthen the rural revitalization efforts and expand the coverage scope of rural revitalisation work.
Social Welfare and Contributions		
Increase the support to public welfare programmes such as safe travel, green environmental protection, culture, and sports while continuing to make good social welfare efforts to enhance the influence of GAC Group's public welfare brand.	In 2024, GAC Group promoted the development of environmental public welfare activities, deepened the environmental protection project of Sanjiangyuan National Park, and created an environmental public welfare brand with GAC Group's distinctive characteristics and influence.	GAC Group will increase support and investment in green environment protection initiatives and cultural and sports activities, promote the corporate culture of GAC Group, and strive to enhance the influence of the GAC Group brand.

i. Partnership Expansion

GAC Group adheres to the partnerships of "openness, co-creation, transparency and trust", and works with partners to develop a business based on communication, co-construction and sharing, deepens cooperation through the establishment of a strategic sharing mechanism, and promotes equity and development for small and medium-sized enterprises. GAC Group also carries out in-depth cooperation with enterprises and universities to jointly enhance the competitiveness of the supply chain across the industry.

1. Promotion of crossover cooperation

GAC Group has always adhered to the development concept of open cooperation. On the basis of consolidating strategic cooperation with traditional automobile enterprises, the Group continues to deepen strategic collaboration with industry leading technology companies, and strives to build a multi-stakeholder industrial innovation community. Focusing on the present, the Group continues to ensure the security and stability of the supply chain, helping small and medium-sized enterprises improve their technical capabilities and risk resistance capabilities; focusing on the future, the Group is building an innovation chain that building an innovation chain integrating "technological R&D, results transformation, and industrial application", jointly exploring cutting-edge fields such as new energy, lightweight, intelligence and sharing, and promoting coordinated development, stability and shared prosperity across the industrial chain.



GAC Group and Huawei Signed an Agreement on Deepening Cooperation

On 30 November 2024, GAC Group and Huawei Technologies Co., Ltd. (hereinafter referred to as "Huawei") signed an agreement on deepening cooperation, which will create a new premium intelligent NEV brand in addition to GAC Motor, AION and GAC HYPTEC. With the acceleration of automobile electrification and intelligence, GAC Group will leverage a new brand as a carrier to collaborate deeply with Huawei, utilising their respective strengths in smart automobile product development, marketing, and ecosystem services, forming a new model of deep cooperation of "Huawei Intelligence + GAC Intelligent Manufacturing" to provide users with a leading intelligent experience.



GAC Group and Huawei Technologies Co., Ltd. Signed an Agreement on Deepening Cooperation



GAC Group and COSCO Shipping Group Signed a Strategic Cooperation Agreement

On 19 December 2024, GAC Group and COSCO Shipping Group signed an agreement on strategic cooperation based on their cooperative consensus in internationalisation layout, resource synergies, investment layout, market expansion, and international operations. The parties will further promote deep integration in the automobile industrial chain and supply chain, strengthen collaboration in domestic and international transportation, reduce transportation costs, launch direct shipping routes, and explore establishing new cooperation models to jointly build and share global industrial chain and supply chain resources.



GAC Group and COSCO Shipping Group Signed an Agreement on Strategic Cooperation



GAC Group and Crédit Agricole Held an Agreement Signing Ceremony on Strategic Cooperation to Explore International Cooperation

On 23 February 2024, local time in France, GAC Group and Crédit Agricole held an agreement signing ceremony on strategic cooperation in Paris, France, marking a new milestone stage in their cooperation. Both parties will fully utilise their strengths, complementing each other's advantages. Also, they will, based on the principles of mutual benefit and coordinated development, explore cooperation in more fields such as internationalisation on the existing joint venture cooperation basis, and bring more high-quality products and services to the consumers of China and Europe according to the agreement.



GAC Group and Crédit Agricole's Agreement Signing Scene on Strategic Cooperation



GAC Business, GAC Leasing and CA Personal Finance & Mobility Signed an Agreement to Increase Capital

On 15 October 2024, local time in France, GAC Business Co., Ltd. (hereinafter referred to as "GAC Business"), the Guangzhou GAC Financial Leasing Co., Ltd. (hereinafter referred to as "GAC Leasing") and Crédit Agricole Personal Finance & Mobility Co., Ltd. (hereinafter referred to as "CAPFM") signed an agreement in Paris regarding increasing capital for GAC Leasing. GAC Leasing introduced a strategic investment from CAPFM for RMB2,132.5 million, increasing its registered capital from the original RMB1.7 billion to RMB3.4 billion. After the capital increase and share expansion, the company is renamed "Guangzhou GAC-Sofinco Finance Leasing Co., Ltd." (hereinafter referred to as "GAC-Sofinco Leasing"), changing from a wholly-owned subsidiary of GAC to a Sino-foreign joint venture under mutual control. Of this, CAPFM holds 50% equity in GAC-Sofinco Leasing, and the GAC Group, through GAC Business, still indirectly holds 50% equity in GAC-Sofinco Leasing. By combining CAPFM's mature financial sector professional management experience, GAC-Sofinco Leasing is better positioned in the automobile finance market, possessing a broader international perspective and enhancing its core competitiveness.



GAC Business, GAC Leasing, and CA Personal Finance & Mobility Signed an Agreement to Increase Capital for GAC Leasing.

2. Supply chain security and responsibility

GAC Group consistently adheres to the procurement philosophy of "openness, transparency, safety, green, and integrity" and implements supply chain security and responsibility management. Each affiliate has developed applicable supplier management systems and regulations, continuously reviewing and refining the standards from supplier admission to dismissal, assisting suppliers in improving supply quality, developing cooperatively, and jointly establishing a sustainable and responsible supply chain management system.

Supply Chain Risk Management

In terms of supply chain risk management, GAC Group encourages and promotes each affiliate to implement a supply chain risk management mechanism covering risk identification, risk assessment, risk mitigation measures, emergency response plans, training, and assessment, enhancing the ability to respond to sudden supply chain risks and ensuring supply chain stability and business continuity. Moreover, the Group integrates ESG-related risk management into supply chain management, recognising the significance of suppliers' efforts in advancing on key issues such as green products, chemical safety, and product responsibility. Therefore, GAC Group has established a lifecycle supply chain management system covering various dimensions, strictly implementing management measures including warehousing management, qualification review, regular evaluation, and audits to ensure end-to-end stringent controls of the entire process.

Supplier Whole Process Management Mechanism

Assessment review	<p>Regular evaluation</p> <p>Acceptance assessment</p> <p>Immediate assessment</p>	<p>Quarterly assessments are conducted for suppliers that have signed the framework agreement, based on factors related to ESG covered in the Supplier Assessment and Evaluation Form as the standardised scoring items;</p> <p>For suppliers involved in project cooperation, evaluation is carried out at the project acceptance stage, or according to the actual contract as otherwise specified in the contract;</p> <p>When the goods or services supplied by the supplier experience major quality incidents or cause major losses to the Company, the supplier assessment and evaluation is carried out immediately.</p>
Risk warning	For suppliers with serious non-conformity items during the cooperation period, the red and yellow card assessment mechanism and blacklisting is adopted for management.	
Supplier quality production training	Quality production training is provided across various dimensions, including production safety, business processes, GAC Thinking and Practice (GTP), and cybersecurity, to ensure the supply chain operates at a high standard when conducting production and operational activities for GAC Group.	
Supplier exit mechanism	For suppliers with no procurement engagement for three years and have been included in the Company's blacklist, the project initiation department, the related business department and the Purchasing Department will confirm the <i>Supplier Elimination Confirmation Form</i> , and the person in charge of the Purchasing Department and the leaders in charge of the Purchasing Department will be responsible for approving it. The withdrawn suppliers will be deleted from the supplier database. For the suppliers that have been included in the Company's blacklist, the Company has the right to prohibit them from participating in all purchasing activities for up to three years.	

Supplier Classification and Management Mechanism

Supplier Category	Scope	Specific Management Measures for the Quality and Safety of Major Complete-Vehicle Manufacturers
Tier 1 suppliers (Key/direct suppliers)	Tier 1 parts and components suppliers	Employees or third-party institutions carry out performance assessment of suppliers on a monthly basis. Based on the assessment results, suppliers are classified, and the grades are associated with the red and yellow card system. Suppliers are required to hold 100% ISO-related management system certification.
Tier 2 suppliers (Indirect suppliers/subcontracted suppliers)	Tier 2 parts and components suppliers	In the mass production process, for the consistency assurance, employees or third-party institutions, in collaboration with tier-1 suppliers, carry out random quality and safety inspections on key tier-2 suppliers to establish a stable quality assurance system.
Raw material suppliers	Key raw material suppliers	Important raw material suppliers are identified, and their process management systems are monitored by employees or third-party institutions to ensure the quality and safety of raw materials meet standards.



GAC Toyota Implemented Digital Supply Chain Management

To enhance risk prevention in the supply chain and implement a comprehensive ESG management, GAC Toyota has established and optimised its digital supply chain management system, promoting supply chain risk management through innovative means.

➤ Risk Identification and Assessment

GAC Toyota continuously operates a risk warning system, using digital means to monitor potential risks and assess their impact, ensuring stable supply in the supply chain.

➤ Risk Mitigation and Emergency Response

The Purchasing Department determines the scope of abnormal impacts based on supply chain information, confirms affected products, minimum inventory time, current status and interim mitigation measures with suppliers, and shares information with related departments according to the type of anomaly; if necessary, relevant departments will assign personnel to the supplier's site for support.

➤ Risk Response and Continuous Improvement

1. Voluntary reporting: GAC Toyota encourages suppliers to deeply implement the "safety first" and "Bad News First" abnormal reporting system to ensure timely communication of information.

2. Digital monitoring: GAC Toyota optimises digital systems for supplier risk assessment and metrics monitoring, helping identify potential supply risks.

3. On-site guidance: GAC Toyota conducts supplier safety, environmental, and disaster prevention inspections and risk investigations, guiding suppliers to make continuous improvements.

➤ Risk Management Training

Through activities such as electrical fire training, monthly good case sharing, and new regulations briefings, GAC Toyota improves suppliers' risk prevention and management capabilities.

➤ Supplier Performance Evaluation

GAC Toyota conducts monthly evaluations and assessments on suppliers regarding risk-related content to ensure the continuous improvement of supplier management levels.

Supply Chain Empowerment and Supervision

GAC Group fully understands the importance of progressing together with the supply chain, focusing on both supply chain supervision and empowerment as two key initiatives to continuously enhance GAC Group's value chain performance.

In 2024, for suppliers with specific environmental protection and safety management requirements, GAC Group also actively advocated the use of more diverse products or services that meet environmental and safety management compliance requirements, continuously promoting the dual improvement of supply chain quality management capabilities and sustainable development efficiency.



ONTIME Mobility Implemented Supply Chain Training, Assessment, and Linkage Mechanisms

To enhance the sustainable development capability of the supply chain, ONTIME implemented systematic supply chain training, assessment, and linkage mechanisms. ONTIME regularly provides comprehensive guidance to cooperating transport companies and their drivers, covering daily operations, public opinion response, and social stability maintenance, aimed at improving their professional competence in handling emergencies. Meanwhile, ONTIME has established a strict assessment system to evaluate partners' performance in safety management and social stability, ensuring compliant operations and avoiding the negative impact of violations. ONTIME has established a cross-departmental coordination mechanism for the supply chain to ensure that in the event of major incidents, departments related to safety, capacity, and market can quickly collaborate for efficient response, continuously enhancing the supply chain's risk management capabilities and emergency response efficiency, laying a solid foundation for the company's long-term development.

GAC Group attaches great importance to the integrity management of the supply chain. The Group ensures the integrity and efficiency of the supply chain through strict supplier audits, centralised procurement, internal audits, and the construction of an integrity culture. In 2024, GAC Group continued to sign terms related to integrity procurement with cooperating suppliers, achieving a 100% signing rate.



During the Reporting Period, GAC Group signed terms related to clean-fingered procurement with suppliers engaged in cooperation. The signing rate reached

100%

3. Dealer development empowerment

In marketing-related work, GAC Group complies with and advocates that dealers comply with the *Law on the Protection of Consumer Rights and Interests*, the *Advertising Law of the People's Republic of China*, and other relevant laws and regulations, strengthening related marketing awareness, examining and continuously optimising online layouts, committed to continuously broadening marketing channels, strengthening responsible marketing training for dealers, and continuously empowering them to improve their service capacity and operational level.



GAC Toyota Launched the "Zunshang Cup" Skills Competition to Enhance Dealer Service Capabilities

For 16 consecutive years, GAC Toyota has been hosting the "Zunshang Cup" Skills Competition at sales outlets, aiming to cultivate and select outstanding talents with excellent professional skills and service awareness among dealers. In 2024, GAC Toyota built on the advantages of previous competition formats by introducing innovative AI to simulate showroom customers, thereby strengthening the frontline staff's conversational response skills. As at the end of the Reporting Period, the cumulative number of participants in the competition has exceeded 86,349, and 3,542 outstanding talents have been selected. Additionally, in order to enhance practical sales capabilities, GAC Toyota, in collaboration with regional offices and sales outlets, held a total of five specialised model sales contests to further strengthen dealers' service awareness and improve sales service quality.



GAC Toyota Organised the "Zunshang Cup" Skills Competition at Sales Outlets for 16 Consecutive Years

ii. Growth with Employees

The long-term and stable development of GAC Group cannot be achieved without the cohesion and dedication of its employees. The Group consistently implements a "people-oriented" employment philosophy, fully respecting and protecting the basic rights and interests of employees. It strives to create a diverse, inclusive, healthy, and safe working environment. It establishes an enticing compensation and benefits system for employees, along with a comprehensive training and development framework, as well as a wide-ranging career advancement platform. This attracts outstanding talents and supports their continuous growth within the GAC Group system.

1. Protection of employee rights and interests

Compliant Employment

GAC Group continues to implement policies on equal opportunities, diversity, and anti-discrimination for workers, ensuring employees' legal rights in employment, remuneration and benefits, and working hours. The Group strictly adheres to national labour laws and regulations, such as the *Labour Law of the People's Republic of China*, the Labour Contract Law of the People's Republic of China, and the Provisions on Prohibition of Child Labour, as well as international labour standards and conventions.

The Group adheres to the provisions of the International Labour Organisation (ILO) and the United Nations Global Compact regarding human rights. It strongly condemns all forms of child labour and forced labour, and strictly prohibits the procurement of any products or services suspected of using child labour. Also, it upholds the principles of voluntary engagement and equality, respecting employees' personal choices and eliminating all forms of coercive labour. Meanwhile, the Group remains firmly opposed to human trafficking and modern slavery and resolutely combats any actions that violate humanitarian principles, such as violence, abuse, personal assault or verbal threats, ensuring that all employees work and live in a safe and healthy environment.

In 2024, there were no incidents of forced labour or child labour within the GAC Group, and if such situations occur, the Group is committed to immediately issuing a stern warning to the involved affiliates and handling the matter in accordance with laws, regulations, and relevant requirements, as well as reviewing and improving the system framework.

During the Reporting Period, GAC Group has



zero strike or plant closure in the past three years



zero incident of employing child labour or forced labour



1⁴

incident of labour disputes

⁴ The labour dispute arose because an employee severely violated the Group's rules and regulations. After the penalty was lifted, the employee sought arbitration against the Group, which the Group won.



Total number of employees

86,451



Labour contract signing rate

100%

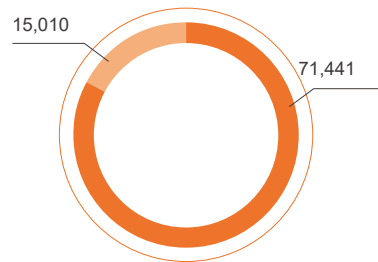


Employee social security contribution rate

100%

Gender Distribution of Employees

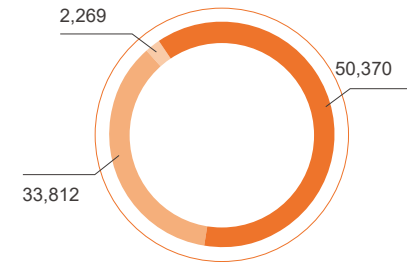
Person(s)



■ Male employees
 ■ Female employees

Age Distribution of Employees

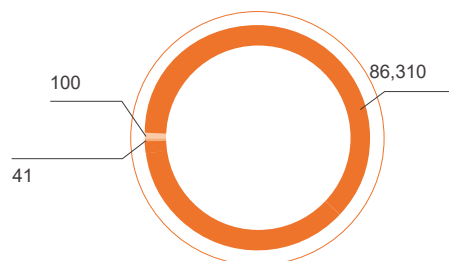
Person(s)



■ Below 35 years old
 ■ Between 35 and 50 years old
 ■ Above 50 years old

Regional Distribution of Employees

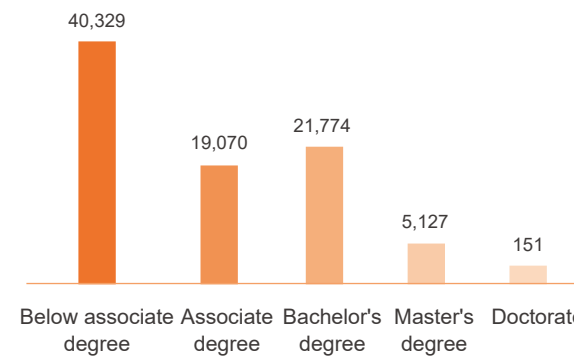
Person(s)



■ Employees from Chinese Mainland
 ■ Employees from Hong Kong, Macao, and Taiwan Region
 ■ Foreign employees

Educational Attainment Distribution of Employees

Person(s)



Diversity and Inclusion

GAC Group adheres to fair, open, and equitable approaches in talent recruitment. The Group formulates, reviews, and rigorously enforces systems such as the *Recruitment and Employment System* and the *Management Policies for Employee Remuneration and Benefits*. These systems establish standardised regulations for various dimensions, including recruitment, termination, working hours, and vacations, fostering a fair and non-discriminatory employment environment. GAC Group prohibits any form of discrimination based on race, gender, religion, disability, marital or parental status. The Group ensures the fair and equitable conduct of employee recruitment and compensation management, striving to create a diverse workplace environment.

During the Reporting Period, GAC Group has achieved



100% signing rate of collective contracts and special collective contracts for female employees



no incidents of discrimination or harassment against employees

The Group strengthens care for women by establishing Mother's Rooms, providing Women's Day benefits, special health check-ups for female employees, female employee insurance, etc., giving enough respect and care. In 2024, the "Mother's Room" of GAC R&D Centre was selected as a model site in Guangdong Province, winning the title "Most Attentive Room" awarded by Guangzhou Federation of Trade Unions.



GAC Motor Cares for Women's Rights through Diverse Practices, Empowering Female Strength

GAC Motor focuses on enhancing welfare measures, improving the environment, conducting empowerment competitions, and seminars, continuously focusing on the health care and capability improvement of female employees.

- **Welfare Measures Enhancement:** Guangzhou Female Workers' Health Mutual Aid Insurance was provided for all female employees.
- **Environment Improvement:** The Labour Union performed precise staff management in the Mother's Room; in 2024, over RMB 32,000 was invested, serving over 3,000 person.
- **Conducting Empowerment Competitions and Seminars:** 23 special activities for female employees and 9 health-related therapy and lecture activities have been conducted, with more than 10,000 participants, including events like a creative car interior decoration renovation competition for female employees titled "Innovation and Empowerment Together", and "Gathering Her Strength for a Fresh Start" series of activities for "International Women's Day."



GAC Motor "Gathering Her Strength for a Fresh Start" Series of Activities for International Women's Day

Enable Smoother Communication Channels

To promote harmonious labour relations, protect the collective rights of workers and regulate employment, GAC Group continuously implements democratic management work. All affiliates have held the Congress of Workers and Staff in 2024. The signing rate of collective contracts and special collective contracts for female employees reached 100%, covering dimensions such as working hours, rest and vacations, labour remuneration and compensation, insurance benefits, employee training, labour safety and health, and women's rights. Relevant requirements were included in the annual star rating standards for trade union work to ensure that all affiliates carry out activities in accordance with the regulations. In addition, GAC Group strictly protects employees' personal privacy information and prohibits the sharing of employee privacy information with unrelated staff. In 2024, GAC Group achieved 100% of its formal employees joining the Trade Union.

GAC Group aims to enhance employee satisfaction by maintaining open communication channels. This includes a diverse range of platforms such as an employee complaint mechanism, employee forums, executive communication meetings, contact mailboxes, and Congress of Workers and Staff. Additionally, regular Leadership Reception Days are held to ensure that employees can freely express their opinions and suggestions. These insights guide timely and targeted improvement measures, ultimately enhancing overall work efficiency and employee satisfaction.

2. Occupational health and safety

GAC Group strictly complies with national regulations such as the *Law of the People's Republic of China on Work Safety* and the *Law of the People's Republic of China on Prevention and Control of Occupational Diseases*. Based on the improvement of the responsibility system and regulatory system for safety production for all staff, GAC Group aims to strengthen the dual prevention of graded safety risk control and hidden danger investigation and management. It is committed to fulfilling the responsibilities of enterprise safety production and investment subject responsibilities, creating a comprehensive safety culture atmosphere, and striving to provide employees with a healthier and safer working environment.

Deliver on the Safety Commitment

Responsibility system:

GAC Group, in accordance with the *Law of the People's Republic of China on Work Safety* and other relevant laws and regulations, continuously improves and implements a safety production responsibility system that covers all employees and positions. The Group systematically breaks down safety production responsibilities at every level and establishes a supervisory and assessment mechanism to ensure the effective implementation of safety responsibilities throughout the organisation. This approach guarantees that safety accountability is upheld at all levels within GAC Group.

Goal management:

GAC Group fully implements safety production target management by establishing annual safety production responsibility goals and refining assessment standards for safety production targets. With a focus on compliance management in safety production, the Group conducts hierarchical and categorised process supervision and target management assessments. This approach promotes the enhancement of the Company's safety production management level and ensures the achievement of annual safety production objectives.

Polish up the Institutional System

In compliance with laws and regulations such as the *Law of the People's Republic of China on Prevention and Control of Occupational Diseases*, the *Law of the People's Republic of China on Work Safety* and the *Fire Control Law of the People's Republic of China*, GAC Group has reviewed and revised work safety regulations, such as the *GAC Regulations on Work Safety Management*, the *GAC Regulations on Work Safety Management of GAC-invested Companies*, the *GAC Regulations on Fire Safety Management*, and the *GAC Regulations on Traffic Safety Management*, in a bid to ensure that all safety production operations comply with regulatory requirements. The Group closely follows its pace in constructing a vertically integrated layout of the new energy industry chain. In 2024, the Group compiled the *GAC New Energy Safety Production Management Specification* as an enterprise standard for managing the whole lifecycle of new energy vehicles and power batteries' safety production. It serves as a guideline to standardise the system's work in the field of new energy safety production, ensuring that the Group's safety production management and business development progress in unison.

Tighten up Dual Risk Prevention and Controls

GAC Group actively promote the application and improvement of the dual risk prevention and control model underlain by "Tiered Risk Control" and "Hidden Risk Management", and improves the working system of safety risk grading and control and hidden dangers investigation and management. In its efforts to implement the *Detailed Rules for Safety Risk Grading Control*, GAC Group encourages all its affiliates to conduct thorough safety risk analysis and develop effective graded prevention and control strategies. This approach strengthens the work system for hazard investigation and governance, ensuring that risk management is dynamic and effective, and that hazard rectification is precise and efficient.

In 2024, GAC Group implemented the "Dual Risk Prevention and Controls" work mechanism and organised a three-year campaign aimed at fundamentally addressing safety production issues. This initiative focuses on key areas such as high-temperature weather, fire prevention, meteorological disaster prevention and mitigation, and construction safety risk management. In conjunction with the corporate standard *GAC New Energy Safety Production Management Specification*, as well as the relocation of headquarters, the Group dynamically executed the dual prevention model. The goal was to proactively eliminate potential safety hazards in production and ensure a safe working environment. In 2024, approximately 157 safety supervision inspections were organised at the group level, identifying 988 safety hazards, with a 100% on-time rectification rate. GAC Group actively promotes safety production standardisation and ISO 45001 occupational health and safety management system certificate. During the Reporting Period, 23 enterprises within the Group system passed national, provincial, and municipal safety production standardisation evaluations. All the major complete-vehicle manufacturers of the Group have obtained the ISO 45001 occupational health and safety management system certification, representing a coverage rate of 100%.

Safety Care and Training

GAC Group regards "safety culture" as the cornerstone of safety production management and provides employees with a variety of safety care measures, striving to build a highly safe working environment. Regarding physical health, each affiliate ensures annual medical examinations for all employees and conducts health clinics; in terms of mental health, the Employee Assistance Programme (EAP) is carried out, with psychological health articles published, staff mental health knowledge training and EAP internal counsellor training conducted, offering staff psychological counselling. Through professional support services, employees are helped to build a strong psychological defence.

GAC Group implements multi-dimensional safety awareness initiatives and training exchange activities, organising events such as safety production and occupational health leadership and management capability improvement sessions, safety production month, and major traffic safety lectures, to instil the concept that everyone is the first person responsible for their own safety and health. GAC Group meticulously organised and actively participated in various safety production activities at the provincial and municipal levels. The Group took part in co-hosting events such as the "Welcome to the National Games - Civilised Action" campaign and the 2024 Guangzhou National Traffic Safety Day themed promotion. These efforts contributed to the promotion of safety knowledge within the community, reinforcing the Group's commitment to enhancing public awareness of safety. During the Reporting Period, GAC Group's affiliated enterprises received several honours, including the first prize for outstanding emergency management promotional works (stage category) at the 4th Guangzhou Emergency Management Awards and second place in the second Guangzhou Emergency Safety Knowledge Competition.

In 2024, the Group's investment in safety production reached RMB 2,084 million, with no significant or above-level production safety accidents, major traffic accidents with equal responsibility or above, major fire accidents, or occupational disease hazard accidents occurring.

GAC Group organised safety supervision checks at the group level approximately

157 times

The rate of timely rectification of identified hazards reached

100%

The coverage rate for ISO 45001 Occupational Health and Safety Management System certificate among the major complete-vehicle manufacturers was

100%

The Group's investment in work safety amounted to

RMB **2,084** million

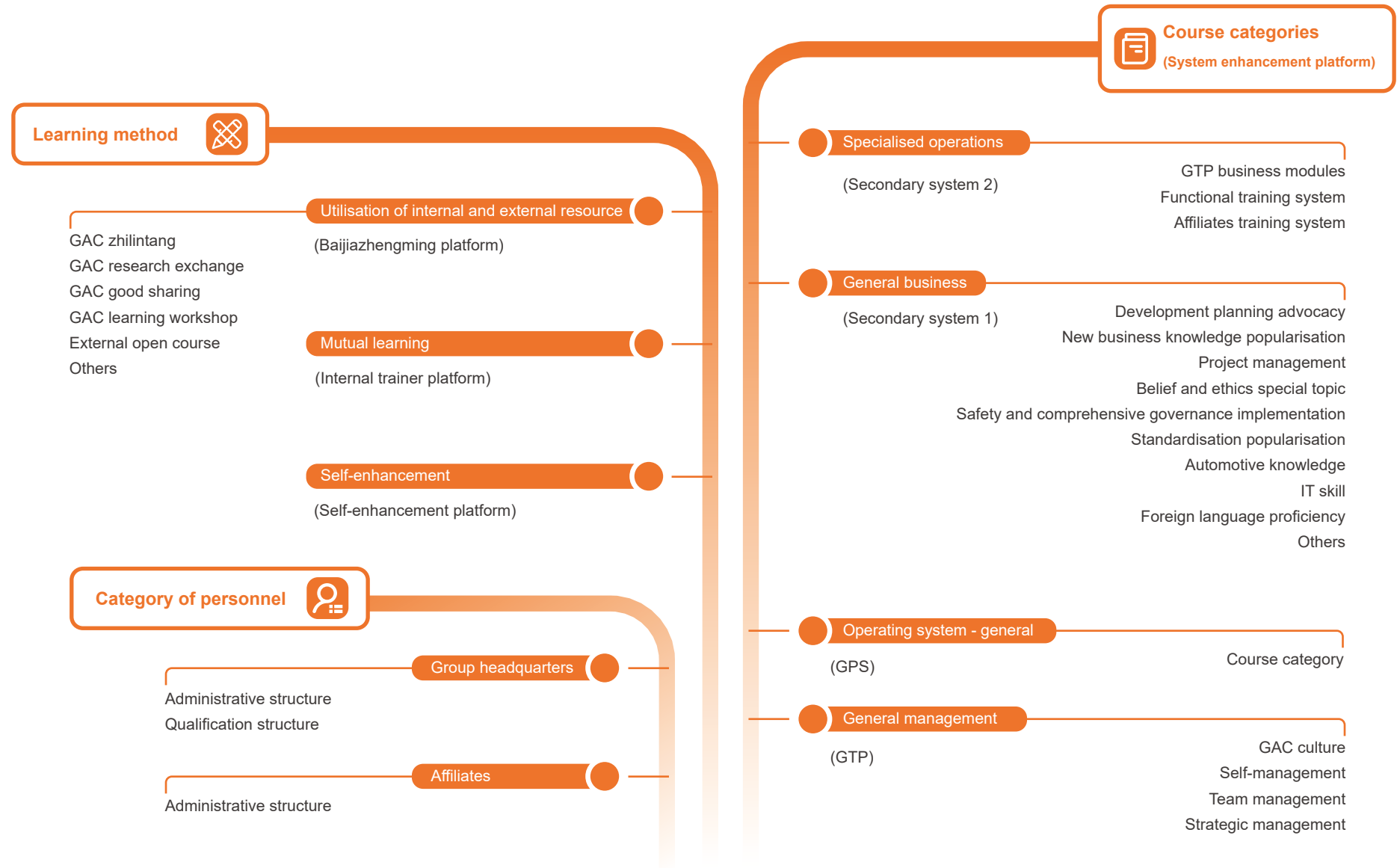
3. Employee training and development

GAC Group provides a broad development platform for employees, continuously improving and offering diverse career development paths, including leadership training, skills enhancement, and innovation capability training. Moreover, GAC Group has established employee career development planning and mentoring programmes to help employees clarify career goals, plan future development paths, maximise each employee's value, and continuously empower them. In 2024, GAC Group was approved as a 2023 national-level high skilled talent training base and was included in the National Federation of Trade Unions' key supported Craftsman College list. Additionally, GAC Group received the Gold Award for National Enterprise Learning Project Design at the CSTD 2024 awards. Additionally, GAC Group is committed to achieving a win-win situation with employees' career development, actively promoting an internal talent mobility mechanism, and providing diverse learning and development opportunities for employees.

Improve the Training System



Panoramic View of Talent Development and Training System



During the Reporting Period, GAC Group has



provided training for
983,520 people



the training expenses amounted to
RMB **44,121,800**

Support for Academic Advancement

GAC Group encourages and assists employees to participate in further education activities related to academic advancement and provides certain educational grants. If the established title recognition is passed, employees will receive corresponding allowances or rewards. GAC Group has developed a career skills recognition channel. By conducting specialised training and establishing special teams to assist, since 2019, the number of certified skilled employees has increased by over 3,500, effectively optimising the Group's skilled workforce structure and reserving high-skilled talent for the transition from "manufacturing" to "intelligent manufacturing."

广汽 HONDA



五羊-本田

智诚实业
ZHICHENG INDUSTRY

GAC Honda

GAC Honda has actively engaged in skill level assessment through various channels, including professional title advancement, group skill level certification, and mechanical industry assessment stations. As a result, two employees were recognised as Senior Technicians, over 120 employees received certificates as Advanced Technicians and Technicians, and 3,648 employees applied for certification at the levels of Senior and Intermediate Workers.

Wuyang-Honda

Wuyang-Honda has developed and implemented the *Special Subsidy Implementation Guidelines for Educational and Skill Level Advancement*, which outline the subsidy standards and eligibility criteria. The application channel for educational subsidies is regularly opened. In 2024, a total of three employees successfully applied for educational advancement subsidies, and 15 employees obtained professional titles, including 14 engineers and one accountant.

Zhicheng Industry

Zhicheng Industry has actively encouraged its employees to participate in vocational skill level certification. A total of 25 employees registered for skill assessments, and two employees independently applied for master's degree programmes to enhance their educational qualifications.

4. Full-fledged compensation and benefits system

GAC Group formulates and continuously improves the *Management Policies for Employee Remuneration and Benefits*, dedicated to providing employees with comprehensive, competitive salaries and diversified benefit guarantees. They provide basic benefits such as five insurances and one housing fund in accordance with laws and regulations, as well as paid leave including maternity and paternity leave. Multiple welfare allowances are provided, and affiliates are encouraged to further enhance the flexibility and security of employee welfare systems, increasing employees' happiness and sense of belonging. The Group has set up a variable compensation system for all employees based on individual performance and corporate performance levels to mobilise employees' motivation and efficiency in the work process.

In 2024, GAC Group is committed to continuously expanding the coverage of employee performance assessments, achieving a 100% coverage rate. The Group has established a performance-based variable compensation mechanism, improving salary incentives and reinforcing performance linkages. Additionally, the Group continuously improves the talent development system and encourages employee motivation and creativity through the implementation of stock options and restricted stock incentive plans.

Statutory Benefits	Basic Benefits	Special Benefits
<p>In accordance with national or local regulations, the Company provides the following benefits to all employees:</p> <ul style="list-style-type: none"> Statutory holidays Social insurance, including basic pension insurance, medical insurance, unemployment insurance, work-related injury insurance, and other benefits Housing provident fund Other statutory employee benefits 	<p>All employees are entitled to:</p> <ul style="list-style-type: none"> Leave days other than statutory holidays, including annual leave, sick leave, personal leave, maternity leave, and paternity leave Holiday bonuses or gifts for traditional festivals Other basic benefits as stipulated 	<p>Employees who meet specific criteria may enjoy the following benefits:</p> <ul style="list-style-type: none"> Employee dormitories Housing subsidies Reimbursement of training and examination fees and subsidies for professional certifications Other special benefits as stipulated Supplementary medical insurance

Heartfelt Assistance and Care

GAC Group focuses on the needs of employees in the workplace and living environment, carrying out activities such as providing assistance to seriously ill employees and supporting families in difficulty, offering both material and emotional care to promote harmonious labour relations. The Group has established the Council of the Relief Foundation, which reviews and amends the articles of association and methods for using the funds based on the actual operation of the foundation, improving the fund's efficiency in utilisation, and achieving targeted assistance. In 2024, the GAC Group Aid and Care Foundation provided assistance to a total of 263 people, with expenditures of RMB 2,495,200. Additionally, two special consolation activities were conducted this year, with consolation funds exceeding RMB 7 million.

In 2024, GAC Group Aid and Care Foundation has



provided assistance to a total of

263 people



The relief and consolation expenditures exceeded

RMB **9,495,200**

GAC Motor

Support employees in difficult times through the union initiatives. The Trade Union organised a team of living committee members to conduct individual assessments and case analyses for employees facing hardships. In 2024, the union assisted a total of 46 families, disbursing relief funds amounting to RMB 393,800 with RMB 282,400 applied for Group aid.



GAC Honda

GAC Honda has expanded the scope of its Charity Mutual Assistance Fund to include four categories and 18 types of assistance. In 2024, the fund provided support to employees facing health challenges, assisting a total of 364 individuals, with a total aid amount to RMB 689,800.



GAC Toyota

GAC Toyota supported and cared for employees with serious illnesses and employees with difficulties. In 2024, it has provided special assistance to a total of 120 employees, with a total investment of RMB 3.94 million.



Zhicheng Industry

Zhicheng Industry has organised various forms of support and assistance activities for employees with long-term illnesses and rural revitalisation assistance cadres dispatched to villages. In 2024, a total of RMB 14,900 was distributed in assistance and relief funds.



GAC Capital

With sincere care and support for employees, in 2024, GAC Capital extended its care to employees on maternity leave and those ill seven occurrences, and 400 special visits.








Balance Work and Life

To help employees balance work and life, GAC Group continues to carry out a variety of employee activities, striving to create a harmonious working environment. In 2024, GAC Group actively promoted the concept of family-friendly workplaces, hosting activities such as the "Charming GAC, G-Power 'Her' Style" Women's Day event, the "Gathering on the Green Field · Football Dream Renewal" GAC Group Staff Football Competition, and the "Little GAC People, Sports Blind Box Contest" for Children's Day, as well as employee dance competitions to further enhance employees' sense of happiness and belonging.







GAC Group Provided Employees with a Range of Diverse Recreational Activities

GAC Group organised a wide range of activities for employees on a monthly basis, enriching their spare time and ensuring their physical and mental health.

February	March	April	June	Second half of the year
"Leading the New Journey Across the Seas, The Dragon Soars to Create a Glorious Chapter" - 2024 GAC Group Headquarters Spring Festival Series Activities	"Charming GAC, G-Power 'Her' Style" International Women's Day Event	"Gathering on the Green Field · Football Dream Renewal" 2024 GAC Group Employee Football Competition	"Little GAC People, Sports Blind Box Contest" Children's Day Event	Organised Employees to Participate in the 10 th Guangzhou City Workers' Sports Games in Nine Events Including Table Tennis, E-sports, Badminton, and Bocce
				

The invested enterprises under GAC Group also prioritize their employees' well-being, offering a variety of tailored activities designed around the unique characteristics of each enterprise to help employees unwind and recharge.

GAC Honda	GAC Toyota	GAC Hino	GAC Component	Digital Science
"Prosperous Year of the Dragon, Full of Vitality" 2024 Traditional Spring Festival Employee Celebration Event	20 th Anniversary Long-Distance Running Carnival	Heartwarming Lantern Festival Event for Non-Local Employees	"All-Out Effort for Excellent Sales" Employee Fun Sports Meeting	"Grace of Roses, Gathering in Book Fragrance" Female Employee Themed Reading and Traditional Culture Experience Activity
				

iii. Contribution to a Harmonious Society

Bearing the philosophy of "serving society and giving back to society" and the slogan of "Love Follows GAC" in mind, GAC Group gives back to society with the benefits it has received from society. The Group fully utilises its advantages and actively engages in charitable activities such as rural revitalisation, cultural and sports activities, safe travel, and environmental protection, fulfilling corporate social responsibility through concrete actions and promoting positive social development.



In 2024, the total investment in public welfare by the Group amounted to

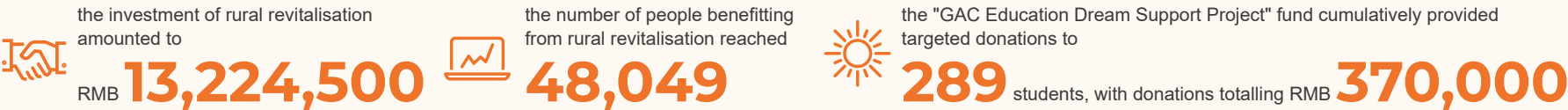
RMB **55,878,100**

1. Efforts in rural revitalisation

As a national key development strategy, rural revitalisation carries the historical mission of common prosperity. GAC Group integrates support for rural revitalisation and consolidation and expansion of poverty alleviation achievements into its overall operating strategy. The Group actively undertakes Guangzhou's assistance tasks. Leveraging its industrial advantages, GAC Group actively promotes six revitalisations of industries, talents, culture, ecology, organisations and consumptions in relatively underdeveloped areas. These efforts are designed to foster sustainable development in rural areas and establish a distinctive "major support" framework with GAC Group's characteristics.

Industry	The Group launched the "Love Filling Every Car with Fragrance" brand rural revitalisation project, explored the integration points between the automotive industry chain and rural revitalisation efforts, implemented precise cooperation projects for rural revitalisation between eastern and western regions based on the concept of refinement, seamlessly integrated rural revitalisation work with the automotive aftermarket business, and created a complete aromatic industry chain of "planting, processing, research and development, production, and sales." This forms a new model of cooperation between Guangdong and Guizhou that can be replicated and popularised. The "Love Filling Every Car with Fragrance" brand has developed 46 products in total, achieving sales revenue of RMB 11.2 million in 2024, an 11% increase year-on-year.
Talents	The Group engaged in deep cooperation with Bijie Vocational and Technical College in Guizhou Province, implementing a "boutique class" model and a modern apprenticeship "2+1" talent cultivation system to create the "GAC Class." A mechanism to deepen assistance between villages and enterprises was implemented to continuously enhance the local residents' education level, enabling local students to gain early exposure to knowledge of the automotive industry, and facilitating their future employment in the automotive sector. Additionally, the Company conducts long-term assessments of the "GAC Class" students' learning progress and select some of the students as employees of the Group. In 2024, the "GAC Class" admitted an additional 35 students, making a total of 347 students admitted cumulatively, with 132 students already having joined or interned at GAC Group.
Organisation	Within the "Thousands of Enterprises Assisting Thousands of Towns and Ten Thousand Enterprises Thriving Ten Thousand Villages" project, the Group, guided by Party building, conducted activities such as branch co-construction, Party member visits and exchanges, and consumer assistance. This facilitated in-depth communication between the GAC Group Party Committee and local village organisations, and the exchange of advanced management concepts and industrial revitalisation methods. This organisational assistance promotes poverty alleviation and prevents relapse into poverty in Taoyuan Village, Yaotian Town, Shaoguan City, Guangdong Province.
Culture	The Group took the lead in paired-up assistance in Dongshi Town, Pingyuan County, Meizhou City, Guangdong Province, collaborating with the Guangzhou Municipal Culture, Radio, Television, Tourism Bureau, Administration of Sport of Guangzhou Municipality, and Guangzhou Statistics Bureau. Guided by a five-year plan, this initiative aims to consolidate and expand the achievements of poverty alleviation, focusing on building Dongshi Town into a demonstration zone for rural revitalisation and promoting the development of the "one industry, one belt, one heart, two wings" development pattern, with a special focus on creating the characteristic town to promote local Hakka culture.
Ecology	The Group assisted Dongshi Town, Pingyuan County, Meizhou City in establishing a demonstration planting base for peanuts and rice on a hundred mu of land, and aided Lizicun Village in Bijie, Guizhou Province, to develop a hundred mu aromatic crop planting base, contributing to rural ecological development.
Consumption	GAC Group has newly established the "GAC Qifu" agricultural products e-commerce platform, coordinating the integration of specialty agricultural products from GAC assisted areas including Bijie, Lianzhou, Meizhou, and Xinjiang into the shopping basket of GAC employees. GAC Qifu actively develops high-quality specialty agricultural products from assisted regions, with 2,700 varieties introduced. In 2024, the amount spent on consumer assistance exceed RMB 30 million.

During the Reporting Period, GAC Group has





GAC Group Developed Rural Characteristic Industries, Promoting Ethnic Minority Villages to Achieve "Acceleration" in Rural Revitalisation

In 2024, GAC Group continues to promote the revitalisation of Lizicun Village in Bijie, Guizhou Province, through industrial assistance, vigorously developing the aromatic industry, and creating a model for East-West collaboration among state-owned enterprises. The Group leverages technology from the Guizhou Academy of Agricultural Sciences, targeting the aromatic industry of the automotive aftermarket, creating a 200-mu aromatic crop base to plant high-value crops such as lavender and rosemary, and establishing an industrial collaboration model of "Guangzhou Headquarters + Bijie Base" to form an integrated chain of "planting - processing - R&D - sales." Furthermore, the Group has created the "Love Filling Every Car with Fragrance" brand, sharing industrial stories through flower sea live streaming and microfilm and leveraging GAC Group's 20 million car owner resources to expand the market through union procurement and dealership channels, shaping the brand awareness of the "fragrance economy."



Lizicun Village in Bijie, Guizhou Province, under GAC Group's Targeted Assistance



GAC Honda Established A Model for Agricultural Development through "Flower-Rice Rotation"

GAC Group collaborated with GAC Honda to jointly support, through donated agricultural machinery, introduction of superior seedlings, and implementation of standardised mechanised planting, the creation of the "Flower-Rice Rotation" model for agricultural development and welfare. GAC Honda has co-established a demonstration base for the peanut and rice industries in Dongshi Town, Meizhou City, using an innovative model that combines government-led land transfer, large-scale corporate planting, and professional market-oriented operations to revitalise rural industries. This initiative has enhanced the collective economy of Liangting Village in Meizhou City and provided employment opportunities for local farmers. It has been recognised as one of the top ten projects in the 2024 Guangzhou-Meizhou cooperative support programme, representing a significant contribution from Guangzhou to rural revitalisation and common prosperity.



GAC Honda Established a Peanut and Rice Industry Co-construction Demonstration Base in Dongshi Town, Meizhou City

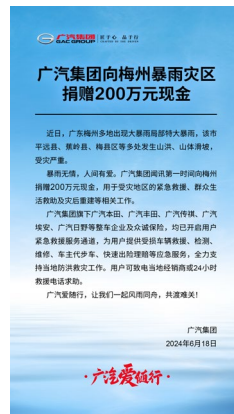
2. Participate in emergency relief

GAC Group always takes social responsibility as its mission. Through various means such as mobilising resources, donating supplies, and providing transportation services, the Group has provided support and assistance to disaster-stricken areas to the best of its ability and assist disaster-stricken areas in quickly restoring normal living conditions, demonstrating a strong sense of corporate responsibility.



GAC Group Fully Supported Flood Relief Efforts in Meizhou

On 16 June 2024, heavy and locally extreme rainstorms occurred in Meizhou, Guangdong, causing multiple flash floods and landslides. GAC Group fully leveraged its paired assistance initiatives for rural revitalisation, embodying its responsibility slogan "Love follows GAC." The Group quickly organised personnel and resources for donations and assistance in rescue efforts. On 18 June 2024, GAC Group donated RMB 2 million in cash to the flood-affected areas in Meizhou. The work team stationed in the disaster zone strictly followed local government directives, engaging in on-the-ground disaster relief and mitigation efforts. GAC Group united with the people in the disaster area to protect their homes, fulfilling their social responsibilities through concrete actions.



The GAC Group's Work Team in the Disaster Area Fully Aided in Disaster Relief Efforts.



GAC Group Launched Care Activities For Flood Control And Rescue Vehicles

During the peak period of heavy rain, many car owners' outings were affected by flooding and hail. Various affiliates under GAC Group swiftly launched flood prevention, rescue, and vehicle care actions.

GAC Motor GAC Motor introduced ten major care services, striving to provide timely and heartfelt care to users in disaster-stricken areas.

GAC Honda GAC Honda mobilised over 500 personnel from its authorised dealerships to the frontline for rescue efforts, successfully rescuing nearly 200 stranded vehicles and escorting customers on more than a hundred trips. Additionally, the company offered customer care activities for returning vehicles, including free full vehicle inspections, cleaning, and indoor deodorisation and sterilisation services.

GAC Toyota GAC Toyota offered four major projects with seven special care measures to assist affected customers. These services included emergency vehicle rescue, repairs, extended maintenance, and convenient pick-up and delivery, all aimed at ensuring the safety of users.

GAC Hino GAC Hino provided car owners with timely support and rescue, including free road rescue, free full-vehicle inspection at the store, a fast repair green channel, and parts discount offers.

Urtrust Insurance Urtrust Insurance immediately activated the natural disaster emergency plan and established an emergency handling team. Disaster warning text messages were sent before the heavy rains; diverse rescue service channels were opened, with AI intelligent customer service tracking case progress promptly, actively coordinating with suppliers to arrange dedicated rescue vehicles.

3. Contribution to cultural and sports activities

GAC Group actively supports cultural and sports activities, dedicated to promoting the excellent traditional culture of the Chinese nation. The Company strongly backs national sports efforts and contributes to the development of cultural and sports activities with national characteristics and contemporary features.



GAC Group Launched the "Greenfield Dreams, Building the Future" Themed Initiative to Promote the Development of Sports

On 26 December 2024, GAC Group, in collaboration with Guangdong GZ-Power Football Club, visited Heyun Middle School in Qingxin District, Qingyuan City, and conducted the "Greenfield Dreams, Building the Future" themed event. GAC Group donated RMB 1.5 million in assistance funds, specifically for upgrading Heyun Middle School's sports facilities, including building a new artificial turf football field, renovating the basketball court, and resurfacing the running track, to promote youth football and support the development of rural education. After the renovation, the students' exercise conditions greatly improved, and achieved excellent results in sports competitions. This event not only supports the growth of rural youth but also injects new vitality into the local sports industry.



Students Were Joyous on the Renovated Football Field

4. Advocacy of safe travel

GAC Group actively promotes the concept of safe travel. While continuously improving the quality and safety of its products, it also attaches great importance to the travel safety of customers and the public. The Group consistently provides public welfare overhaul services to ensure the quality of public transportation tools, advocating for safe travel and striving to create a socially safe and convenient travel environment.



GAC Honda Dream Mobility for Children: City Walk Road Safety Adventure

The 2024 GAC Honda "Dream Mobility for Children" road safety public welfare initiative brought an exciting "Road Safety Adventure" to life. Through interactive activities like City Walk, the programme connected various locations such as shopping districts, parks, communities, and authorised dealerships. Children were able to learn essential travel safety knowledge in a fun and engaging way through entertaining safety classes and hands-on teaching, seamlessly integrating safety education into their daily lives.

In 2024, GAC Honda continued to establish children's road safety education bases, expanding the national bases to 19 locations, and rooting them in the regions where the company operates. Every week, in conjunction with traffic police, communities, and sub-district offices, they continuously organise road safety experience activities for the public. GAC Honda has teamed up with CATARC and the UN Decade of Action for Road Safety to hold public welfare classes in 67 primary and secondary schools in Hebei, delivering road safety education to 15,000 children.



"Dream Mobility for Children" City Walk Road Safety Adventure



GAC Toyota Launches "Spirit of the Vehicle" CSO Imagination Camp to Empower Children's Traffic Safety Awareness

GAC Toyota places great emphasis on cultivating children's awareness of traffic safety and has carefully crafted and conducted the "Spirit of the Vehicle Social Education Project" for 11 years. In 2024, the Group held the "Spirit of the Vehicle" CSO Creation Camp, focusing on the core concept of "creating with children", breaking the monotonous and rigid mode of traditional safety education, and committed to protecting children's travel safety. At the event site, GAC Toyota collaborated with children to compile a safety travel picture book, co-create a "Spirit of the Vehicle" 3D book house, and lead the children into the GAC Toyota production line to converse with engineers, sharing imaginative ideas about safe and smart travel. Some works have been developed into 3D reading spaces and exhibited in multiple communities in Guangzhou. By the end of the Reporting Period, the programme had covered teenagers and children of all ages, with over 4 million participants involved, and online classes benefiting over 385 million person-times.



Students showcased 3D Books in GAC Toyota CSO Creation Camp

5. Engagement in environmental protection public welfare

GAC Group actively responds to the *Environmental Protection Law of the People's Republic of China*, the *Forest Law of the People's Republic of China*, the *Regulations of the People's Republic of China on Nature Reserves*, and other national regulations, adhering to the vision of infusing green vitality into society. The Group is fully committed to promoting environmental public welfare activities, implementing ecological protection projects, and continuously enhancing employees' environmental awareness through training and advocacy, contributing to a more environmentally friendly and sustainable social environment.



GAC Group Actively Participated in the Guangdong Youth Green and Beautiful Volunteer Action themed "Green and Beautiful Guangdong, Youth First"

To implement the directives of the Guangdong Provincial Youth League Committee and the Guangzhou Municipal Youth League Committee regarding the "Green and Beautiful Guangdong, Youth First" initiative, GAC Group's Youth League Committee, in collaboration with Zhicheng Industry and local support teams, organised a volunteer tree-planting activity from 8 March to 9 March 2024. This event took place in Dongshi Town, Pingyuan County, Meizhou City, involving eight enterprises partnered with GAC Group and over 20 GAC Group youth members. A total of 60 participants, including representatives from GAC Group, officials from the Guangmei Command Headquarters, local government officials, and students and teachers from Tiemin Middle School, came together to plant 280 trees, including red flower beech, cherry blossoms, camellias, osmanthus, and Chinese red maples, creating a "GAC Public Welfare Forest" and a "GAC Growth Forest." This initiative contributes youthful energy to the ecological construction of a "Green and Beautiful Guangdong" and supports rural revitalisation efforts.



Planting Site of "GAC Public Welfare Forest" in Liangting Village, Meizhou City



GAC Toyota deepened the "Green Mountain Path · Vigorous Forest" Forest Protection and Restoration Project, Illuminating New Footprints

In 2024, GAC Toyota focused on deepening the "Green Mountain Path · Vigorous Forest" multi-benefit forest protection and restoration project by enhancing existing initiatives and launching new ones, paving the way for new strides in ecological protection.

Promoted existing projects: In regions such as Yunnan, Southeastern Tibet, and Sichuan, GAC Toyota persisted in ecological actions, conducting monitoring, management, and nurturing activities through community-based forest restoration demonstrations in areas affected by wildfires. The company continued to support the activities and capacity-building of the Yunnan Golden Monkey Network as a network member. In collaboration with the Sichuan Provincial Administration of the Giant Panda National Park and the Shan Shui Conservation Centre, GAC Toyota initiated a photo collection project for the *Illustrated Guide to the Giant Panda National Park (Sichuan)*, contributing corporate efforts towards achieving carbon peaking and carbon neutrality and biodiversity conservation.

Created new projects: In the Cangshan and Erhai region, GAC Toyota conducted in-depth research on ecological civilisation development and established patrol monitoring capacity. This included supporting special investigations on red pandas, conducting specimen plant surveys in the Cangshan model, and providing grassroots patrol monitoring equipment. The company engaged local dealerships in Yunnan and invited the public to participate in the annual environmental sharing conference and nature observation events in Cangshan of Dali, with over 120,000 viewers watching the live stream of the sharing session. Additionally, GAC Toyota carried out species restoration work in the Three-River-Source National Park, promoting harmonious coexistence between humans and nature.



Conducting Natural Education in the Protected Area



GAC Honda Deepened the "Blue Sky and Blue Ocean" Environmental Initiative, Innovatively Advancing the Mangrove Ecological Protection Project

As an important practice of the "Blue Sky and Blue Ocean" environmental public welfare brand, GAC Honda, in partnership with the SEE Foundation, launched the "Blue Sky and Blue Ocean" plan, conducting a series of actions including mangrove ecological restoration, blue carbon project development, community protection, and species conservation in Wenchang, Hainan, and Zhanjiang, Guangdong. The first phase spans five years (from 2023 to 2027), planning to protect no less than 1,800 mu of mangroves over five years. This project marks the first full-procedure development of blue carbon and makes GAC Honda the first automotive company in the industry to carry out mangrove ecological restoration in accordance with international standards, earning GAC Honda the "Outstanding Contribution Award" from the SEE Foundation for 2024.

In March 2024, GAC Honda hosted mangrove ecological restoration and experience camp activities, collaborating with the government, media, car owners, enterprises, and social welfare organisations to achieve multi-party co-creation. It realised carbon neutrality for corporate activities for the first time, extending the ecological impact of mangroves from the environmental field to broader social circles, allowing more people to walk together with mangroves and blue skies.



GAC Honda's Mangrove Ecological Experience Camp Achieves Social Co-creation

6. Focus on special needs

GAC Group actively pays attention to the needs of socially disadvantaged groups, carrying out various special public welfare actions on a regular basis to assist the elderly and disadvantaged children, working together with disadvantaged groups to overcome difficulties, and contributing GAC's strength to social harmony.



GAC Group Continuously Focuses on the Needs of Disadvantaged Groups, Expanding the Influence of Public Welfare Undertakings

In 2024, the GAC Group donated RMB 450,000 to the Guangzhou Charity Federation's "Love Sprout Action" and "Micro-Wish: Warmth to Thousands of Families" projects. Through the Tencent Charity platform, the Group participated in the "99 Charity Day" internet fundraising event and the "Kindness Warms Yangcheng: Micro Practical Matters for People's Livelihood" activity, promoting a participation of 10,230 person times in donation support.

Love Sprout Action: From 2019 to 2024, the project has funded 791 instances of assistance to children in difficulties, serving over 10,000 instances, covering 87 towns in 11 districts of Guangzhou, with cumulative assistance amounting to more than RMB 5,222,700. This has effectively reduced the burden of medical and educational expenses for children in difficulties, helping them grow and develop in a diversified manner in academics, psychology, interests, and community integration.

Micro-Wish: Warmth to Thousands of Families: From 2019 to 2024, 75,351 wishes have been granted, benefiting more than 200,000 people. The project not only provides material support to families in need but also serves as a stepping stone for social workers to engage with disadvantaged families and groups, helping them to better understand and fulfil their micro-wishes.



Social Workers Step into Families in Need

About This Report

Overview

This report is GAC Group's Annual Social Responsibility Report / Environmental, Social, and Governance (hereinafter referred to as "ESG") Report. It comprehensively discloses the Group's philosophy, goals, measures, outcomes, future development strategies, and plans in 2024 regarding environmental responsibility, social responsibility, and governance.

Basis of Preparation

This report is compiled based on the Appendix C2 *Environmental, Social and Governance Reporting Guide* to the *Main Board Listing Rules* of the HKEX, *Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial)*, with reference to *GRI Sustainability Reporting Standards*, the *Guidelines on Social Responsibility Reporting for Chinese Enterprises (CASS-ESG 5.0)* issued by the Chinese Academy of Social Sciences, and the *Guidance on ESG Information Disclosure for China Automotive Industry* published by the China Association of Automobile Manufacturers.

The content of this report is determined through a systematic set of procedures. The preparation process of this report includes identifying key stakeholders, identifying and ranking material ESG-related issues to determine the scope of the ESG report, collecting relevant materials and data, organising and reviewing the data, and drafting the report content.

Scope of the Report

This report takes "GAC Group" as the main subject. It includes its branches, subsidiaries and affiliates, covering seven major sectors: research and development, vehicle, parts and components, energy and ecology, internationalisation, trade and mobility, and investment and finance. The reporting period is from 1 January 2024 to 31 December 2024, with some content extending slightly beyond the aforementioned period. Unless stated otherwise, this report uses the RMB as the currency unit.

Reporting Principles

The preparation of this report adheres to the four Reporting Principles of "Materiality", "Quantitative", "Balance", and "Consistency", accurately addressing stakeholders' concerns about GAC Group.

Materiality: During the report preparation process, GAC fully considered the characteristics of the Company's business, and identify current ESG material issues through communications with stakeholders. The results are submitted to the Board of Directors for approval to determine significant issues, which form the basis for this report and are addressed through the report.

Quantitative: GAC has established an ESG data collection and review mechanism. Where applicable, this report discloses year-on-year data, allowing stakeholders to understand the progress of ESG management.

Balance: This report discusses areas for improvement and plans on relevant issues to avoid omissions or choices that inappropriately affect stakeholders' decisions or judgments.

Consistency: The quantitative information in this report has been compiled and disclosed in a manner generally consistent with previous years, allowing stakeholders to analyse and assess performance over different periods. Changes and updates in the scope of some data have also been explained for stakeholders' reference.

Title Description

For ease of expression and reading, in this report, "GAC Group," "the Group," or "Group" refers to Guangzhou Automobile Group Co., Ltd. and its branches, subsidiaries and affiliates. "Major complete-vehicle manufacturers" in this document refer to GAC Motor, AION, GAC Honda, and GAC Toyota. Unless otherwise specified, the terms used in this report have the same meanings as those defined in the 2024 Annual Report of Guangzhou Automobile Group Co., Ltd.

Data Source and Reliability Statement

All data used in the report comes from "Guangzhou Automobile Group Co., Ltd." and its branches, subsidiaries or affiliates, and has been approved for release after review by the Board of Directors.

Confirmation and Approval

This report has been confirmed by the Management of Guangzhou Automobile Group Co., Ltd., and was approved by the Board of Directors on 28 March 2025.

Access and Response to this Report

This report is available in three versions: Simplified Chinese, Traditional Chinese, and English. In the event of discrepancies, the Chinese version shall prevail. The electronic version of this report has been uploaded to Guangzhou Automobile Group Co., Ltd.'s official website at <https://www.gac.com.cn/cn/csr/reportList>.

If you have any comments or suggestions on the Social Responsibility Report/Environmental, Social, and Governance Report of Guangzhou Automobile Group Co., Ltd., please email csr@gac.com.cn, or call +86 20 8315 1139.

Appendix

i. List of ESG Policies/Systems of GAC Group

Scope	System Owners	Management Systems Related to Emissions, Resource Usage, Environment and Natural Resources, Employment, Health and Safety, Labour Standards, Supply Chain Management, Product Responsibility, and Anti-corruption
R&D	GAC R&D Centre	Implementation Rules for Pollution Prevention and Governance, Energy Management Measures, Environmental Protection Management Measures, Employee Compensation Management Measures, Attendance Management Rules, Holiday Management Rules, Production Safety Management Measures, Implementation Rules for Occupational Disease Prevention and Management, Implementation Rules for Safety Risk Grading Control and Hidden Danger Investigation and Management, General Procurement Supplier Evaluation Control Procedures, Procurement Management Measures, Parts and Components Supplier Admittance Control Procedures, Parts and Components Supplier Evaluation Control Procedures, Compliance Management Measures, Administrative Measures for Internal Control
	GAC Motor	Pollutant Control Management Procedures, Environmental Monitoring and Measurement Management Procedures, Environmental Manual, Environmental Factors Identification and Evaluation Management Procedures, Environmental Objectives, Targets and Programmes Management Procedures, Employee Employment Rules, Employee Welfare Management Measures, Production Safety Management Target Incentive and Penalty System, Production Safety Responsibility Management Rules, Occupational Health and Safety Education Rules, Parts and Components Supplier Qualification Verification Management Protocols, Supporting Parts and Components Supplier Selection Management Protocols, Parts and Components Supplier Strategic Cooperation Management Protocols, Enterprise Accountability Measures for Illegal Operation and Investment, Compliance Management Measures, Implementation Rules for the "Three Significant Events and One Large Amount" Decision-Making System, Administrative Measures for Internal Control
Vehicles	AION	Water Pollution Control Procedures, Air Pollution Control Procedures, Noise Pollution Control Procedures, Solid Waste Management Procedures, Energy and Resources Saving Management Procedures, Environmental Management Manual, Environmental Factors Identification and Evaluation Procedures, Environmental Compliance Management Procedures, Environmental Objectives, Targets and Programmes Management Procedures, Three Simultaneities Environmental Management Procedures, Procurement Design Change Implementation Management Protocols, Parts Procurement and Settlement Process, Parts and Components After-sales Management Protocols of Purchase Department, Parts and Components Supplier Information Management Protocols
	GAC Honda	Sewage Control Protocols, Hazardous Waste Management Protocols, Dangerous Chemicals Management and Control Protocols, Noise Control Protocols, Air Pollution Control Protocols, Management Protocols for Recycling Scrap Lithium Batteries of Energy-Saving and NEVs, Energy Review Protocols, Energy Planning and Design Management Protocols, Energy Procurement Management Protocols, Water Use Management Procedure, Rainwater Management and Control Protocols, Eco-environmental Management Structure and Accountability, Environmental Impacts Evaluation Protocols, Contingency Management Protocols for Environmental Emergencies, Salary Rules, Personnel Allocation System, Labour Contract Management System, Work Safety Accidents Contingency Management Protocols, Employee Occupational Health Protection Management Protocols, Regulations on Safety Risk Grading Control and Accident Hazard Investigation and Management, Supplier Selection and Localisation Development Protocols, Supplier Quality Audit Protocols, Supplier Quality Management Protocols, Supplier Quality Evaluation Protocols, Advertising Compliance Review Management Measures, Personal Information Management System, Provisions for Handling Market Quality Complaints, Code of Conduct for Staff Integrity of GAC Honda Automobile Co., Ltd., Compliance Management System, Administrative Measures for Internal Control, Financial Management System

Scope	System Owners	Management Systems Related to Emissions, Resource Usage, Environment and Natural Resources, Employment, Health and Safety, Labour Standards, Supply Chain Management, Product Responsibility, and Anti-corruption
Vehicles	GAC Toyota	Management and Control Procedures for Pollutants Emission, Monitoring and Measurement Procedures, Recycling & Hazardous Substances SOC Management Regulations, Energy Review Control Procedure, Resources and Energy Management Procedures, Management Regulations for Water Consumption, Management Regulations for Electricity Consumption, Water Quality Management and Emergency Response Procedures for Rainwater Systems, Organisational Environment and Related Parties Requirements Management Procedures, Environmental Factors Identification and Evaluation Procedures, Environmental Management System Risk and Opportunity Response Planning Process, Product Design and Environmental Impacts Review Procedures, Production Safety Management Measures, Hazard Source Identification, Risk Assessment and Risk Control Management, Occupational Disease Hazard Monitoring, Evaluation and Control Management Rules, Basic Procurement System, New Supplier Evaluation System, Bidding Management Regulations, Logistics Procurement Operations Regulations, Annual Supplier Recognition System, Quality Safety Supervision Management System Documents, Management Process for Customer Satisfaction, New Energy Vehicle Safety Management Manual, Post-Delivery Service Management Procedures
	GAC Hino	Waste (Sewage) Water Control Management System, Solid Waste Management System, Exhaust Pollution Control Management System, GAC Hino Power Production Management Measures, Substation Entry Work Management System, Environmental Protection Management System, Contingency Plan for Environmental Emergencies, Personnel Employment System, Compensation Management System, Employee Leave System, Production Safety Management Measures, Occupational Disease Prevention Management System, Procurement Management Procedure, Supplier Selection Process, Evaluation Methods for Supplier and Logistics Provider, Customer Satisfaction Evaluation Guidelines, Market Warranty Claims Management System, Management Measures for Integrity Risk Prevention and Control of Positions at GAC Hino Automobile Co., Ltd., Compliance Management System, Funds Management System
	Wuyang-Honda	Management Measures for Pollutants, Management Measures for Sewage Treatment Stations and Recycled Water, Chemicals Control Procedures, Management Measures for Energy and Resources, Employment Rules, Giving Rules, Adoption Rules, Occupational Health and Safety Management Manual, Safety Production Responsibility System, Safety Risk Graded Control and Hazard Investigation and Governance Procedures, Supplier Selection and Evaluation Management Procedures, Goods and Services Procurement Management Regulations, Risk Management Application Regulations, Compliance Management Regulations, Wuyang - Honda Code of Conduct, Regulations on the Management of Integrity in the Workplace
Parts and components	GAC Component	Environmental Protection Management Measures of GAC Component Co., Ltd., Procurement Management System of GAC Component Co., Ltd.
	GAC Toyota Engine	Solid Waste Control Procedures, Waste Gas Control Procedures, Wastewater Control Procedures, Energy and Resource Management Procedures, Environmental Factors Identification and Evaluation Procedures, Emergency Preparedness and Response Control Procedures, Employee Employment Rules, Compensation and Welfare Management System, Female Employees and Minors Protection System, Labour Contract Safety Supervision System, All-employee Safety Production Responsibility System, Safety Production Inspection and Rectification System, Occupational Disease Prevention Management System, Occupational Hazard Protection Equipment Management System, Procurement Management System, Engineering Projects Internal Bidding and Tendering System, General Procurement Management System, Quality Manual, Customer Satisfaction Measurement Management Procedure, Implementation Rules for the "Three Significant Events and One Large Amount" Decision-Making System, Ten Prohibitions for Employees of GAC Toyota Engine Co., Ltd. in Workplace

Scope	System Owners	Management Systems Related to Emissions, Resource Usage, Environment and Natural Resources, Employment, Health and Safety, Labour Standards, Supply Chain Management, Product Responsibility, and Anti-corruption
Trade and mobility	GAC Business	Goods and Services Procurement Management Measures of GAC Business Co. Ltd., Overall Risk Management Measures of GAC Business Co. Ltd.
	ONTIME Mobility	Procurement Management Rules of On Time, Supplier Management Rules of Chenqi Platform, Supplier Management System
Energy and ecology	Upower Energy	Hazardous Waste Management System, Hazardous Chemicals Management System, Attendance Management System, Compensation System, Employee Qualification Management System, Occupational Health Management System, Production Site Safety Management System, Safety Risk Hierarchical Control and Hazard Investigation and Management System, Supplier Management Measures, Direct Material Procurement Management System, Goods and Services Procurement Management Measures, Administrative Measures for Internal Control, Compliance Management Measures
	Digital Science	Supplier Management System of Digital Science Co., Ltd., Tendering and Merit-based Bidding Management Rules of Digital Science Co. Ltd.
	GAC-SOFINCO Auto Finance	Regulations on Salary and Welfare Management, Employee Attendance and Leave Management Rules, Employee Recruitment Management Rules, Safety Production Management Rules, Procurement Management System, Procedural Manual for Procurement Management Business, Management Rules for Marketing and Promotion of Financial Products and Services of GAC SOFINCO, Basic System for Protection of Consumer Rights, Consumer Rights Protection Management Rules, Anti-Fraud Management Rules, Basic System for Money Laundering and Financing of Terrorism Risk Management, Rules against External Fraud Prevention in Retail Business
Investment and finance	Urtrust Insurance	Procurement Management System of Urtrust Insurance Co. Ltd., Premium Anti-Fraud Management Measures for Urtrust Insurance Co., Ltd., Money Laundering and Terrorist Financing Risk Management Measures of Urtrust Insurance Co., Ltd., Money Laundering and Terrorist Financing Risk Assessment Measures of Urtrust Insurance Co., Ltd.
	GAC Capital	Compensation Management System, Recruitment Management Measures, Welfare Management Measures, Safety Production Management System of GAC Capital Co., Ltd., Procurement Management System of GAC Capital Co., Ltd., Project Management Measures, Code of Conduct for Staff Integrity
	GAC Finance	Salary and Welfare Management Measures of GAC Finance Co., Ltd., Employee Management Measures of GAC Finance Co., Ltd., Performance Management Measures of GAC Finance Co., Ltd., Safety Production Management System of GAC Finance Co., Ltd., Procurement Management Measures, Guidance for Supplier Management, Anti-Money Laundering and Anti-Terrorist Financing Management Measures, Large and Suspicious Transaction Reporting Management Measures
	China Lounge Investments	Procurement Management Measures for Goods and Services of China Lounge Co., Ltd.
Others	Zhicheng Industry	Goods and Services Procurement Management Measures of Guangzhou Zhicheng Industry Co., Ltd.

ii. Key Performance Table of GAC Group

Indicator Name	Unit	2022 ^a	2023	2024
Economy				
Total Consolidated Assets	RMB 100 million	1,898.31	2,183.95	2,324.58
Total Revenue under Aggregated Scope	RMB 100 million	5,146.05	5,023.03	4,016.48
Total Consolidated Revenue	RMB 100 million	1,102.72	1,297.06	1,077.84
Vehicle Sales	10,000 vehicles	243.38	250.50	200.31
Motorcycle Sales	10,000 vehicles	75.85	65.26	64.39
Net Profit Attributable to Shareholders of the Parent Company	RMB 100 million	80.68	44.29	8.24
Basic Earnings per Share (EPS)	RMB per share	0.78	0.42	0.08
Cash Dividend ^b	RMB 100 million	25.16	15.72	5.14
Rank in <i>Fortune</i> Global 500	Ranking	186	165	181
Environment				
Emissions management				
Total particulate matter emissions	Tonnes	110.20	107.89	108.59
Total benzene emissions	Tonnes	2.30	2.28	1.71
Total toluene emissions	Tonnes	6.40	9.74	3.92
Total xylene emissions	Tonnes	18.00	15.19	9.67
Total non-methane hydrocarbon emissions	Tonnes	111.80	116.42	344.60

Indicator Name	Unit	2022 ^a	2023	2024
Total nitrogen oxide emissions	Tonnes	129.60	127.68	98.79
Total sulphur dioxide emissions	Tonnes	25.80	22.30	23.89
Total waste water discharge	Tonnes	4,012,849.80	4,415,089.80	2,415,214.36
COD (Chemical Oxygen Demand)	Tonnes	289.80	363.97	321.81
BOD (Biochemical Oxygen Demand)	Tonnes	90.70	110.87	76.40
Total ammonia nitrogen emissions	Tonnes	34.50	40.35	28.72
Total petroleum emissions	Tonnes	1.00	1.95	1.69
Total nickel emissions	Tonnes	0.16	0.03	0.01
Total VOCs emissions	Tonnes	1,551.30	944.41	708.47
Greenhouse gas management				
Total greenhouse gas emissions (Scope 1 and Scope 2) ^c	Tonnes of CO ₂ equivalent	1,329,409.00	1,060,904.15	1,218,936.00
Greenhouse gas emissions density	Tonnes of CO ₂ equivalent per million RMB	2.60	2.11	3.03
Direct greenhouse gas emissions (Scope 1)	Tonnes of CO ₂ equivalent	200,668.20	143,473.58	159,201.10
Indirect greenhouse gas emissions (Scope 2)	Tonnes of CO ₂ equivalent	1,128,740.80	917,430.58	1,059,734.90
Number of carbon credits held	Tonnes of CO ₂ equivalent	/	/	21,860.00
Waste management				
Total hazardous waste	Tonnes	25,658.00	30,540.38	40,559.81
Density of hazardous waste	Tonnes per million RMB	0.05	0.06	0.10
Total non-hazardous waste	Tonnes	389,069.00	327,310.97	327,808.86
Density of non-hazardous waste	Tonnes per million RMB	0.76	0.65	0.82

Indicator Name	Unit	2022 ^a	2023	2024
Energy management				
Comprehensive energy consumption ^d	10,000 kWh	273,471.90	248,047.31	279,214.88
Comprehensive energy consumption density	10,000 kWh / million RMB	0.53	0.49	0.70
Gasoline consumption	Tonnes	3,727.00	7,816.17	3,560.16
Diesel consumption	Tonnes	1,092.90	1,510.93	1,108.17
Natural gas consumption	m ³	78,966,901.00	58,528,526.64	67,226,524.49
Purchased electricity	10,000 kWh	186,623.20	160,868.07	165,234.91
Purchased ordinary electricity consumption	10,000 kWh	/	/	142,287.60
Consumption of externally purchased green electricity	10,000 kWh	/	/	2,154.28
Consumption of externally purchased nuclear electricity	10,000 kWh	/	/	20,793.03
Consumption of externally purchased steam	Tonnes	/	/	122,192.00
Consumption of clean energy (such as green electricity, green certificates, and photovoltaics)	10,000 kWh	9,830.90	59,942.62	46,521.63
Proportion of clean energy in total energy consumption	%	3.60	24.17	16.66
Clean energy consumption density	10,000 kWh / million RMB	0.02	0.12	0.12
Volume of green power certificate purchases	10,000 kWh	/	/	19,723.64
Volume of photovoltaic power generation	10,000 kWh	/	/	30,904.79
Consumption of photovoltaic power generation	10,000 kWh	/	/	24,643.71
Volume of photovoltaic power connected to the grid	10,000 kWh	/	/	6,261.08

Indicator Name	Unit	2022 ^a	2023	2024
Water resources management				
Total water consumption	Tonnes	9,600,102.00	9,944,564.45	5,850,664.34
Total water consumption density	Tonnes per million RMB	18.66	19.80	14.57
Total water withdrawal	Tonnes	/	/	9,086,112.55
Total wastewater discharge	Tonnes	/	/	3,235,448.21
Reclaimed water usage	Tonnes	5,513,252.30	27,505,053.20	4,810,258.83
Circular economy development				
Total packaging used in finished products	Tonnes	29,854.30	43,048.55	50,806.60
Packaging density in finished products	Tonnes per million RMB	0.058	0.086	0.126
Packaging recycling volume	Tonnes	1,590.80	38,972.07	42,216.77
Social				
Employee rights protection				
Total number of employees	Persons	100,121	96,825	86,451
Number of part-time employees	Persons	/	/	2,210
Number of disabled employees	Persons	/	121	186
Total number of employees - by gender				
Number of male employees	Persons	82,329	80,197	71,441
Number of female employees	Persons	17,792	16,628	15,010

Indicator Name	Unit	2022 ^a	2023	2024
Total number of employees - by age group				
Number of employees under 35 years old	Persons	66,369	60,003	50,370
Number of employees aged 35-50 years old	Persons	31,774	34,751	33,812
Number of employees over 50 years old	Persons	1,978	2,071	2,269
Total number of employees - by region				
Number of employees from Chinese Mainland	Persons	100,038	96,726	86,310
Number of employees from Hong Kong, Macao, and Taiwan Region	Persons	34	36	41
Number of employees in overseas regions	Persons	49	63	100
Total number of employees - by ethnicity				
Number of Han nationality employees	Persons	/	/	83,721
Number of ethnic minority employees	Persons	/	/	2,630
Total number of employees - by education background				
Number of employees with doctoral degrees	Persons	123	143	151
Number of employees with master's degrees	Persons	4,782	5,082	5,127
Number of employees with bachelor's degrees	Persons	23,080	23,048	21,774
Number of employees with associate degrees	Persons	21,592	20,768	19,070
Number of employees from secondary schools	Persons	50,544	47,784	40,329

Indicator Name	Unit	2022 ^a	2023	2024
Annual employee turnover^a				
Number of resignations and dismissals of employees	Persons	11,099	12,655	14,186
Annual turnover rate	%	11.30	12.86	15.48
Annual turnover rate - by gender				
Number of resignations and dismissals of male employees	Persons	8,835	9,653	11,563
Male employee turnover rate	%	10.90	11.88	15.25
Number of resignations and dismissals of female employees	Persons	2,264	3,002	2,623
Female employee turnover rate	%	13.00	17.44	16.58
Annual turnover rate - by age				
Number of resignations and dismissals of employees under 35 years old	Persons	8,776	9,335	8,928
Turnover rate of employees under 35 years old	%	13.30	14.77	16.18
Number of resignations and dismissals of employees aged 35-50 years old	Persons	2,171	2,893	4,692
Turnover rate of employees aged 35-50	%	7.10	8.70	13.69
Number of resignations and dismissals of employees over 50 years old	Persons	152	427	566
Turnover rate of employees over 50 years old	%	7.70	21.09	26.08
Annual turnover rate - by region				
Number of resignations and dismissals of employees from Chinese Mainland	Persons	11,084	12,635	14,160
Turnover rate of employees from Chinese Mainland	%	11.30	12.84	15.47
Number of resignations and dismissals of employees from Hong Kong, Macao, and Taiwan Region	Persons	3	7	5

Indicator Name	Unit	2022 ^a	2023	2024
Turnover rate of employees from Hong Kong, Macao, and Taiwan region	%	8.50	20.00	12.99
Number of resignations and dismissals of overseas employees	Persons	12	13	21
Turnover rate of overseas employees	%	10.30	23.21	25.77
Number of employees newly employed				
Total number of employees newly employed	Persons	11,311	10,304	5,846
Number of employees newly employed - by gender				
Number of male employees newly employed	Persons	8,850	7,357	4,511
Number of female employees newly employed	Persons	2,461	2,947	1,335
Number of employees newly employed - by age				
Number of employees newly employed under 35 years old	Persons	9,668	8,361	4,359
Number of employees newly employed aged 35-50 years old	Persons	1,599	1,873	1,449
Number of employees newly employed over 50 years old	Persons	44	70	38
Number of employees newly employed - by region				
Number of employees newly employed from Chinese Mainland	Persons	11,295	10,261	5,764
Number of employees newly employed from Hong Kong, Macao, and Taiwan Region	Persons	5	13	12
Number of overseas employees newly employed	Persons	11	30	70
Employee rights				
Number of people insured in social insurance	Persons	/	/	86,451
Social insurance coverage rate	%	/	/	100

Indicator Name	Unit	2022 ^a	2023	2024
Number of employees with signed labour contracts	Persons	/	/	86,451
Labour contract signing rate	%	/	/	100
Occupational health and safety ^f				
Number of work-related fatalities	Persons	0	0	0
Rate of work-related fatalities	%	0.00	0.00	0.00
Number of work-related injuries	Times	5	4	3
Lost workdays due to work-related injuries	Days	333	208	154
Lost work hours due to work-related injuries	Hours	2,664	1,664	1,232
Lost Time Injury Rate (LTIR)	Cases	/	/	0.02
Number of production safety accidents	Cases	/	/	3
Number of new occupational cases annually	Cases	/	/	0
Total annual premium for work safety liability insurance	RMB 10,000	/	/	466.56
Total annual premium for work-related injury insurance	RMB 10,000	/	/	63,743.73
Coverage rate of work-related injury insurance	%	/	/	100
Total duration of safety production training	Hours	/	/	1,155,173.77
Safety training coverage rate	%	/	/	100
Employee training development				
Total number of employees trained	Persons	93,555	80,208	85,814

Indicator Name	Unit	2022 ^a	2023	2024
Total number of employees trained - by gender				
Number of trained male employees	Persons	76,954	66,232	70,905
Proportion of trained male employees	%	82.30	82.58	82.63
Number of trained female employees	Persons	16,601	13,976	14,909
Proportion of trained female employees	%	17.70	17.42	17.37
Total number of employees trained - by position				
Number of senior management employees trained	Persons	/	/	33
Proportion of senior management employees trained	%	/	/	0.04
Number of middle management employees trained	Persons	/	/	1,050
Proportion of middle management employees trained	%	/	/	1.22
Number of grassroots employees trained	Persons	/	/	84,731
Proportion of trained grassroots employees	%	/	/	98.74
Total employee training hours - by gender				
Average training hours for male employees	Hours	22.90	37.50	20.34
Average training hours for female employees	Hours	17.60	25.60	23.10
Total employee training hours - by position				
Average training hours for senior management employees	Hours	/	/	138.28
Average training hours for middle management employees	Hours	/	/	78.83
Average training hours for grassroots employees	Hours	/	/	20.03

Indicator Name	Unit	2022 ^a	2023	2024
Employee training expenses				
Total training expenses	RMB 10,000	6,262.30	5,980.89	4,412.18
suppliers				
Total number of suppliers	Suppliers	11,916	14,617	17,666
Total number of domestic suppliers	Suppliers	11,810	13,948	17,398
Total number of offshore suppliers	Suppliers	106	669	268
Number of suppliers reviewed	Suppliers	/	/	10,289
Product quality				
Valid customer complaints ⁹	Cases	127,878	206,594	64,005
Complaint resolution rate	%	/	/	100
Anti-corruption				
Total number of employees trained in anti-corruption	Persons	79,096	43,929	63,352
Total hours of anti-corruption training	Hours	65,380.00	272,806.00	248,525.40
Number of concluded corruption cases	Cases	0	0	1
Number of lawsuits or major administrative penalties due to unfair competition	Times	/	/	0
Amount involved in lawsuits or major administrative penalties due to unfair competition	RMB 10,000	/	/	0
Social welfare and contributions				
Number of volunteers	Persons	13,203	13,762	14,085
Volunteer hours contributed	Hours	211,634.00	100,630.00	126,586.03

Indicator Name	Unit	2022 ^a	2023	2024
Total annual investment in public welfare initiatives	RMB 10,000	9,529.46	9,273.40	5,587.81 ^h
Efforts in rural revitalisation				
Total investment in rural revitalisation	RMB 10,000	/	/	1,322.45
Number of people benefiting from rural revitalisation	Persons	/	/	48,049

a. Data for the year 2022 has been retrospectively adjusted due to the application of accounting standards.

b. Cash dividend refers to the dividend paid in the current year.

c. The greenhouse gas scope includes carbon dioxide; GAC Group has established a comprehensive management mechanism for greenhouse gases, strictly managing major sources of greenhouse gas emissions, and determining actual greenhouse gas emission factors for each type of greenhouse gas source, which are used to calculate the overall greenhouse gas emissions for 2024. Direct greenhouse gas emissions (scope 1) mainly come from the consumption (combustion) of gasoline, diesel, and natural gas during production and operation; indirect greenhouse gas emissions (scope 2) mainly come from the use of standard grid electricity, nuclear electricity, and industrial steam during production and operations.

d. The scope of comprehensive energy consumption statistics is the total consumption of various types of energy by GAC Group during the Reporting Period, calculated with reference to the *General Rules for Calculation of the Comprehensive Energy Consumption* (GB/T 2589-2020). The scope of statistics on the consumption of various types of energy (including gasoline, diesel, natural gas, standard grid electricity, nuclear electricity, externally purchased green electricity, industrial steam, and photovoltaic electricity) is the total consumption of corresponding energy by facilities directly controlled or owned by GAC Group during the Reporting Period.

e. Annual attrition rate = number of employees lost during the Reporting Period / average number of employees during the Reporting Period; attrition rate for a specific category of employees = number of employees lost in that category during the Reporting Period / average number of employees in that category during the Reporting Period, where attrition includes voluntary resignations and dismissals. The average number of employees = (number of employees at the start of the Reporting Period + number of employees at the end of the Reporting Period) / 2.

f. To ensure consistency of data, work injury and related data are statistically managed and disclosed by GAC Group in accordance with the *Law of the People's Republic of China on Work Safety* and the *Statistical Investigation System for Work Safety Accidents*, where working hour losses due to work injuries = number of working days lost due to work injuries * eight.

g. As ONTIME Mobility has been spun off for listing, and the nature and types of complaints related to ONTIME Mobility differ from other affiliates of GAC Group, this data no longer includes the part related to ONTIME Mobility, which is separately disclosed by ONTIME Mobility.

h. To maintain data consistency, the total annual investment in public welfare undertakings includes the total investment in rural revitalisation for the year.

iii. Index of Reporting Standards

Content Index of the Appendix C2 Environmental, Social and Governance Reporting Guide of the HKEX

Subject Areas, Aspects, General Disclosures and KPIs			Chapter of the Report
A. Environmental			
Aspect A1: Emissions	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to air and greenhouse gas emissions, discharges into water and land, and generation of hazardous and non-hazardous waste.		Persistence in Clean Production List of ESG Policies/Systems of GAC Group
	KPI A1.1	The types of emissions and respective emissions data.	Key Performance Table of GAC Group
	KPI A1.2	Direct (Scope 1) and energy indirect (Scope 2) greenhouse gas emissions (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Key Performance Table of GAC Group
	KPI A1.3	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Key Performance Table of GAC Group
	KPI A1.4	Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Key Performance Table of GAC Group
	KPI A1.5	Description of emission target(s) set and steps taken to achieve them.	Persistence in Clean Production
	KPI 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.	Persistence in Clean Production List of ESG Policies/Systems of GAC Group
Aspect A2: Use of Resources	General Disclosure Policies on the efficient use of resources, including energy, water and other raw materials.		Persistence in Clean Production List of ESG Policies/Systems of GAC Group
	KPI 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).	Key Performance Table of GAC Group

Subject Areas, Aspects, General Disclosures and KPIs			Chapter of the Report
Aspect A2: Use of Resources	KPI A2.2	Water consumption in total and intensity (e.g. per unit of production volume, per facility).	Key Performance Table of GAC Group
	KPI A2.3	Description of energy use efficiency target(s) set and steps taken to achieve them.	Persistence in Clean Production
	KPI 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.	Persistence in Clean Production
	KPI A2.5	Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced.	Key Performance Table of GAC Group
Aspect A3: Environment and Natural Resources	General Disclosure		Persistence in Clean Production
	Policies on minimising the issuer's significant impacts on the environment and natural resources.		List of ESG Policies/Systems of GAC Group
	KPI A3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them.	Persistence in Clean Production
Aspect A4: Climate Change	General Disclosure		
	Policies on identification and mitigation of significant climate-related issues which have impacted, and those which may impact, the issuer.		Climate Change Tackling
	KPI A4.1	Description of the significant climate-related issues which have impacted, and those which may impact, the issuer, and the actions taken to manage them.	Climate Change Tackling
B. Social			
Employment and Labour Practices			
Aspect B1: Employment	General Disclosure		
	Information on:		
	(a) the policies; and		Growth with Employees
	(b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare.		List of ESG Policies/Systems of GAC Group
	KPI B1.1	Total workforce by gender, employment type (for example, full- or part-time), age group and geographical region.	Key Performance Table of GAC Group
	KPI B1.2	Employee turnover rate by gender, age group and geographical region.	Key Performance Table of GAC Group

Subject Areas, Aspects, General Disclosures and KPIs			Chapter of the Report
Aspect B2: Health and Safety	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to providing a safe working environment and protecting employees from occupational hazards.		Grow Together with Employees List of ESG Policies/Systems of GAC Group
	KPI B2.1	Number and rate of work-related fatalities occurred in each of the past three years including the reporting year.	Key Performance Table of GAC Group
	KPI B2.2	Lost days due to work injury.	Key Performance Table of GAC Group
	KPI B2.3	Description of occupational health and safety measures adopted, and how they are implemented and monitored.	Growth with Employees
Aspect B3: Development and Training	General Disclosure Policies on improving employees' knowledge and skills for discharging duties at work. Description of training activities.		Growth with Employees List of ESG Policies/Systems of GAC Group
	KPI B3.1	The percentage of employees trained by gender and employee category (e.g. senior management, middle management).	Key Performance Table of GAC Group
	KPI B3.2	The average training hours completed per employee by gender and employee category.	Key Performance Table of GAC Group
Aspect B4: Labour Standards	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.		Growth with Employees List of ESG Policies/Systems of GAC Group
	KPI B4.1	Description of measures to review employment practices to avoid child and forced labour.	Growth with Employees
	KPI B4.2	Description of steps taken to eliminate such practices when discovered.	Growth with Employees

Subject Areas, Aspects, General Disclosures and KPIs			Chapter of the Report
Operating Practices			
Aspect B5: Supply Chain Management	General Disclosure Policies on managing environmental and social risks of the supply chain.		Partnership Expansion List of ESG Policies/Systems of GAC Group
	KPI B5.1	Number of suppliers by geographical region.	Key Performance Table of GAC Group
	KPI B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, and how they are implemented and monitored.	Partnership Expansion Key Performance Table of GAC Group
	KPI B5.3	Description of practices used to identify environmental and social risks along the supply chain, and how they are implemented and monitored.	Partnership Expansion
	KPI B5.4	Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored.	Partnership Expansion
Aspect B6: Product Responsibility	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to health and safety, advertising, labelling and privacy matters relating to products and services provided and methods of redress.		Craftsmanship of Quality Products List of ESG Policies/Systems of GAC Group
	KPI B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.	Craftsmanship of Quality Products Key Performance Table of GAC Group
	KPI B6.2	Number of products and service-related complaints received and how they are dealt with.	Craftsmanship of Quality Products Key Performance Table of GAC Group
	KPI B6.3	Description of practices relating to observing and protecting intellectual property rights.	In-Depth Innovation and Transformation
	KPI B6.4	Description of quality assurance process and recall procedures.	Craftsmanship of Quality Products
	KPI B6.5	Description of consumer data protection and privacy policies, and how they are implemented and monitored.	Craftsmanship of Quality Products

Subject Areas, Aspects, General Disclosures and KPIs			Chapter of the Report
Aspect B7: Anti-corruption	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to bribery, extortion, fraud and money laundering.		Corporate Governance List of ESG Policies/Systems of GAC Group
	KPI 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.	Corporate Governance Key Performance Table of GAC Group
	KPI B7.2	Description of preventive measures and whistle-blowing procedures, and how they are implemented and monitored.	Corporate Governance
	KPI B7.3	Description of anti-corruption training provided to directors and staff.	Corporate Governance Key Performance Table of GAC Group
Community			
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.		Contribution to a Harmonious Society
	KPI B8.1	Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture, sport).	Contribution to a Harmonious Society
	KPI B8.2	Resources contributed (e.g. money or time) to the focus area.	Contribution to a Harmonious Society Key Performance Table of GAC Group

Content Index of the Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial)

Disclosure Requirements	Chapter of the Report
Climate Change Tackling	Green Development Philosophy, Climate Change Tackling
Pollutant Discharge	Persistence in Clean Production
Waste Disposal	Persistence in Clean Production
Ecosystem and Biodiversity Protection	Persistence in Clean Production
Environmental Compliance Management	Persistence in Clean Production
Energy Usage	Green Development Philosophy, Persistence in Clean Production
Usage of Water Resources	Persistence in Clean Production
Circular Economy	Persistence in Clean Production
Rural Revitalisation	Contribution to a Harmonious Society
Contributions to the Society	Contribution to a Harmonious Society
Innovation-driven	In-Depth Innovation and Transformation
Ethics of Science and Technology	Not Applicable
Supply Chain Security	Partnership Expansion
Equal Treatment to Small and Medium-Sized Enterprises	Partnership Expansion

Disclosure Requirements		Chapter of the Report
Safety and Quality of Products and Services		Craftsmanship of Quality Products
Data Security and Customer Privacy Protection		Craftsmanship of Quality Products
Employees		Growth with Employees
Due Diligence		Corporate Governance
Communications with Stakeholders		Responsibility Management
Anti-Commercial Bribery and Anti-Corruption		Corporate Governance
Anti-Unfair Competition		Corporate Governance
Self-disclosure Topics	Green Technology and Product Carbon Footprint	Green Development Philosophy
	Corporate Governance	Corporate Governance

Content Index of the GRI Sustainability Reporting Standards (GRI Standards)

General Standard Disclosure Items		Chapter of the Report
GRI 2: General Disclosures 2021	2-1 Organizational details	About GAC
	2-2 Entities included in the organization's sustainability reporting	About This Report
	2-3 Reporting period, frequency and contact point	About This Report
	2-4 Restatements of information	Not involved
	2-5 External assurance	Not involved
	2-6 Activities, value chain and other business relationships	About GAC
	2-7 Employees	Growth with Employees
	2-8 Workers who are not employees	Growth with Employees
	2-9 Governance structure and composition	Corporate Governance
	2-10 Nomination and selection of the highest governance body	Undisclosed
	2-11 Chair of the highest governance body	Corporate Governance
	2-12 Role of the highest governance body in overseeing the management of impacts	Corporate Governance
	2-13 Delegation of responsibility for managing impacts	Responsibility Management
	2-14 Role of the highest governance body in sustainability reporting	Responsibility Management
	2-15 Conflicts of interest	Refer to the 2024 Annual Report
	2-16 Communication of critical concerns	Responsibility Management
	2-17 Collective knowledge of the highest governance body	Corporate Governance
	2-18 Evaluation of the performance of the highest governance body	Undisclosed
	2-19 Remuneration policies	Growth with Employees
	2-20 Process to determine remuneration	Undisclosed
	2-21 Annual total compensation ratio	Undisclosed

General Standard Disclosure Items			Chapter of the Report
GRI 2: General Disclosures 2021	2-22	Statement on sustainable development strategy	Responsibility Management
	2-23	Policy commitments	Corporate Governance Responsibility Management
	2-24	Embedding policy commitments	Corporate Governance Responsibility Management Partnership Expansion Growth with Employees
	2-25	Processes to remediate negative impacts	Corporate Governance Craftsmanship of Quality Products Persistence in Clean Production Partnership Expansion Growth with Employees
	2-26	Mechanisms for seeking advice and raising concerns	Corporate Governance Growth with Employees
	2-27	Compliance with laws and regulations	Corporate Governance
	2-28	Membership associations	Responsibility Management
	2-29	Approach to stakeholder engagement	Responsibility Management
	2-30	Collective bargaining agreements	Growth with Employees
	3-1	Process to determine material topics	Responsibility Management
GRI 3: Material Topics 2021	3-2	List of material topics	Responsibility Management
	3-3	Management of material topics	Responsibility Management
GRI 201: Economic Performance 2016	201-1	Direct economic value generated and distributed	Key Performance Table of GAC Group
	201-2	Financial implications and other risks and opportunities due to climate change	Climate Change Tackling
	201-3	Defined benefit plan obligations and other retirement plans	Growth with Employees
	201-4	Financial assistance received from government	Undisclosed

General Standard Disclosure Items			Chapter of the Report
GRI 202: Market Performance 2016	202-1	Ratios of standard entry level wage by gender compared to local minimum wage	Undisclosed
	202-2	Proportion of senior management hired from the local community	Undisclosed
GRI 203: Indirect Economic Impacts 2016	203-1	Infrastructure investments and services supported	In-Depth Innovation and Transformation Contribution to a Harmonious Society
	203-2	Significant indirect economic impacts	Message from the Management Contribution to a Harmonious Society
GRI 204: Procurement Practices 2016	204-1	Proportion of spending on local suppliers	Undisclosed
GRI 205: Anti-corruption 2016	205-1	Operations assessed for risks related to corruption	Corporate Governance
	205-2	Communication and training about anti-corruption policies and procedures	Corporate Governance
	205-3	Confirmed incidents of corruption and actions taken	Corporate Governance Key Performance Table of GAC Group
GRI 206: Anti-competitive Behavior 2016	206-1	Legal actions for anti-competitive behaviour, anti-trust, and monopoly practices	Not occurred
GRI 207: Tax 2019	207-1	Approach to tax	Undisclosed
	207-2	Tax governance, control, and risk management	Undisclosed
	207-3	Stakeholder engagement and management of concerns related to tax	Undisclosed
	207-4	Country-by-country reporting	Undisclosed
GRI 301: Materials 2016	301-1	Materials used by weight or volume	Key Performance Table of GAC Group
	301-2	Recycled input materials used	Persistence in Clean Production
	301-3	Reclaimed products and their packaging materials	Persistence in Clean Production Key Performance Table of GAC Group
GRI 302: Energy 2016	302-1	Energy consumption within the organization	Key Performance Table of GAC Group
	302-2	Energy consumption outside of the organization	Key Performance Table of GAC Group
	302-3	Energy intensity	Key Performance Table of GAC Group
	302-4	Reduction of energy consumption	Persistence in Clean Production
	302-5	Reductions in energy requirements of products and services	Persistence in Clean Production

General Standard Disclosure Items			Chapter of the Report
GRI 303: Water and Effluents 2018	303-1	Interaction with water as a shared resource	Persistence in Clean Production
	303-2	Management of water discharge-related impacts	Persistence in Clean Production
	303-3	Water withdrawal	Key Performance Table of GAC Group
	303-4	Water discharge	Persistence in Clean Production Key Performance Table of GAC Group
	303-5	Water consumption	Key Performance Table of GAC Group
GRI 304: Biodiversity 2016	304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Persistence in Clean Production
	304-2	Significant impacts of activities, products and services on biodiversity	Persistence in Clean Production
	304-3	Habitats protected or restored	Persistence in Clean Production
	304-4	IUCN Red List species and national conservation list species with habitats in areas affected by operations	Persistence in Clean Production
GRI 305: Emissions 2016	305-1	Direct (Scope1) GHG emissions	Key Performance Table of GAC Group
	305-2	Energy indirect (Scope 2) GHG emissions	Key Performance Table of GAC Group
	305-3	Energy indirect (Scope 3) GHG emissions	Undisclosed
	305-4	GHG emissions intensity	Key Performance Table of GAC Group
	305-5	Reduction of GHG emissions	Climate Change Tackling Persistence in Clean Production
	305-6	Emissions of ozone-depleting substances (ODS)	Undisclosed
	305-7	Nitrogen oxides (NO _x), sulfur oxides (SO _x), and other significant air emissions	Key Performance Table of GAC Group
GRI 306: Waste 2020	306-1	Waste generation and significant waste-related impacts	Persistence in Clean Production
	306-2	Management of significant waste-related impacts	Persistence in Clean Production
	306-3	Waste generated	Key Performance Table of GAC Group
	306-4	Waste diverted from disposal	Undisclosed
	306-5	Waste directed to disposal	Undisclosed

General Standard Disclosure Items			Chapter of the Report
GRI 308: Supplier Environmental Assessment 2016	308-1	New suppliers that were screened using environmental criteria	Partnership Expansion
	308-2	Negative environmental impacts in the supply chain and actions taken	Corporate Governance Partnership Expansion
GRI 401: Employment 2016	401-1	New employee hires and employee turnover	Key Performance Table of GAC Group
	401-2	Benefits provided to full-time employees that are not provided to temporary or parttime employees	Growth with Employees
	401-3	Parental leave	Undisclosed
GRI 402: Labor/Management Relations 2016	402-1	Minimum notice periods regarding operational changes	Undisclosed
GRI 403: Occupational Health and Safety 2018	403-1	Occupational health and safety management system	Growth with Employees
	403-2	Hazard identification, risk assessment, and incident investigation	Growth with Employees
	403-3	Occupational health services	Growth with Employees
	403-4	Worker participation, consultation, and communication on occupational health and safety	Growth with Employees
	403-5	Worker training on occupational health and safety	Growth with Employees
	403-6	Promotion of worker health	Growth with Employees
	403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Growth with Employees
	403-8	Workers covered by an occupational health and safety management system	Growth with Employees
	403-9	Work-related injuries	Growth with Employees Key Performance Table of GAC Group
	403-10	Work-related ill health	Growth with Employees Key Performance Table of GAC Group
GRI 404: Training and Education 2016	404-1	Average hours of training per year per employee	Key Performance Table of GAC Group
	404-2	Programs for upgrading employee skills and transition assistance programs	Growth with Employees
	404-3	Percentage of employees receiving regular performance and career development reviews	Growth with Employees

General Standard Disclosure Items			Chapter of the Report
GRI 405: Diversity and Equal Opportunity 2016	405-1	Diversity of governance bodies and employees	Corporate Governance Growth with Employees
	405-2	Ratio of basic salary and remuneration of women to men	Undisclosed
GRI 406: Non-discrimination 2016	406-1	Incidents of discrimination and corrective actions taken	Not occurred
GRI 407: Freedom of Association and Collective Bargaining 2016	407-1	Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	Not involved
GRI 408: Child Labor 2016	408-1	Operations and suppliers at significant risk for incidents of child labour	Not involved
GRI 409: Forced or Compulsory Labor 2016	409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labour	Not involved
GRI 410: Security Practices 2016	410-1	Security personnel trained in human rights policies or procedures	Not involved
GRI 411: Rights of Indigenous Peoples 2016	411-1	Incidents of violations involving rights of indigenous people	Not occurred
GRI 413: Local Communities 2016	413-1	Operations with local community engagement, impact assessments, and development programs	Contribution to a Harmonious Society
	413-2	Operations with significant actual and potential negative impacts on local communities	Not involved
GRI 414: Supplier Social Assessment 2016	414-1	New suppliers that were screened using social criteria	Partnership Expansion
	414-2	Negative social impacts in the supply chain and actions taken	Undisclosed
GRI 415: Public Policy 2016	415-1	Political contributions	Not involved
GRI 416: Customer Health and Safety 2016	416-1	Assessment of the health and safety impacts of product and service categories	Craftsmanship of Quality Products
	416-2	Incidents of non-compliance concerning the health and safety impacts of products and services	Not occurred
GRI 417: Marketing and Labelling 2016	417-1	Requirements for product and service information and labelling	Undisclosed
	417-2	Incidents of non-compliance concerning products and services information and labelling	Not occurred
	417-3	Incidents of non-compliance concerning marketing communications	Not occurred
GRI 418: Customer Privacy 2016	418-1	Substantiated complaints concerning breaches of customer privacy and loss of customer data	Not occurred

Content Index of China Academy of Social Sciences CASS ESG 5.0

No.	Scope of Responsibility	CASS-ESG 5.0 Index	Chapter of the Report
P1	Report standards	P1.1 Quality assurance	About This Report
		P1.2 Information description	About This Report
		P1.3 Reporting system	About This Report
P2	Message from the Management	P2.1 Situation analysis and strategic considerations on ESG work	Message from the Management
		P2.2 Progress of annual ESG work	Message from the Management
P3	Responsibility focus	P3.1 Significant events of annual ESG work	Chronicle of GAC Group in 2024
P4	Corporate profile	P4.1 Basic information	About GAC
		P4.2 Strategy and culture	About GAC Responsibility Management
		P4.3 Business profile	About GAC
		P4.4 Significant changes in the organizational scale, structure, ownership or supply chain during the Reporting Period	About GAC
G1	Corporate governance	G1.1 Diversified composition of the Board of Directors	Corporate Governance
		G1.2 Board of Directors independence	Corporate Governance
		G1.3 Legality and compliance system	Corporate Governance
		G1.4 Legality and compliance training performances	Corporate Governance
		G1.5 Combat against unfair competition	Corporate Governance
		G1.6 Complaint and reporting mechanism	Corporate Governance
		G1.7 Anti-commercial bribery and anti-corruption systems	Corporate Governance
		G1.8 Anti-corruption training performances	Corporate Governance
		G1.9 Corruption incidents and responses	Corporate Governance

No.	Scope of Responsibility	CASS-ESG 5.0 Index	Chapter of the Report
G1	Corporate governance	G1.10 Information transparency	Corporate Governance
		G1.11 Punishment incidents due to violation of information disclosure requirements	Not occurred
G2	ESG governance by the Board of Directors	G2.1 Managerial policies of the Board of Directors on ESG	Responsibility Management
		G2.2 Leadership mechanism of the Board of Directors on ESG work	Responsibility Management
		G2.3 Identification of ESG risks and opportunities by the Board of Directors	Responsibility Management
		G2.4 Board of Directors reviews of ESG objectives	Responsibility Management
		G2.5 Executive compensation linked to ESG	Undisclosed
		G3.1 Departments responsible for ESG work	Responsibility Management
G3	ESG management	G3.2 ESG strategies	Responsibility Management
		G3.3 ESG work system	Responsibility Management
		G3.4 Involvement in ESG researches or industrial ESG standards	Responsibility Management
		G3.5 Identification of ESG materiality issues	Responsibility Management
		G3.6 Communications with stakeholders	Responsibility Management
		G3.7 ESG information disclosure channels	Responsibility Management
		G3.8 ESG assessment system	Responsibility Management
		G3.9 ESG training	Responsibility Management
		G3.10 ESG training performances	Responsibility Management
		G3.11 ESG honours	About GAC
E1	Environmental management	E1.1 Environmental management system	Persistence in Clean Production
		E1.2 Environmental management objectives	Persistence in Clean Production
		E1.3 Input in environmental protection	Persistence in Clean Production

No.	Scope of Responsibility	CASS-ESG 5.0 Index	Chapter of the Report
E1	Environmental management	E1.4 Mechanism for early warning and emergency response of environmental protection	Persistence in Clean Production
		E1.5 Policies on environmental assessment of new projects	Persistence in Clean Production
		E1.6 Qualification for environmental management system certificate	Persistence in Clean Production
		E1.7 Environmental protection training and education	Persistence in Clean Production
		E1.8 Researches and developments and applications of environment-friendly products or technologies	Green Development Philosophy
		E1.9 Violations of laws and regulations on environmental protection and punishments	Persistence in Clean Production
E2	Resource utilization	E2.1 Energy management system	Persistence in Clean Production
		E2.2 Energy consumption	Key Performance Table of GAC Group
		E2.3 Energy consumption intensity	Key Performance Table of GAC Group
		E2.4 Policies on clean energy usage	Persistence in Clean Production
		E2.5 Clean energy consumption	Key Performance Table of GAC Group
		E2.6 Policies on reducing the use of packaging materials for finished products	List of ESG Policies/Systems of GAC Group
		E2.7 Total amount of packaging materials used for finished products	Key Performance Table of GAC Group
		E2.8 Proportion of recycled packaging materials for finished products	Key Performance Table of GAC Group
		E2.9 Policies on water resource use	List of ESG Policies/Systems of GAC Group
		E2.10 Fresh water consumption	Key Performance Table of GAC Group
		E2.11 Water consumption intensity	Key Performance Table of GAC Group
		E2.12 Water saving amount	Persistence in Clean Production
		E2.13 Volume of water recycled	Key Performance Table of GAC Group
		E2.14 Measures for green office	Persistence in Clean Production
		E2.15 Green office performances	Persistence in Clean Production

No.	Scope of Responsibility	CASS-ESG 5.0 Index	Chapter of the Report
E3	Emissions	E3.1 Policies on reducing waste water discharge	List of ESG Policies/Systems of GAC Group
		E3.2 Waste water discharge	Key Performance Table of GAC Group
		E3.3 Policies on reduction of waste gas emission	List of ESG Policies/Systems of GAC Group
		E3.4 Waste gas emission	Key Performance Table of GAC Group
		E3.5 Management policies on exhaust gas emissions	List of ESG Policies/Systems of GAC Group
		E3.6 General waste discharge	Key Performance Table of GAC Group
		E3.7 General waste discharge intensity	Key Performance Table of GAC Group
		E3.8 Hazardous waste discharge	Key Performance Table of GAC Group
		E3.9 Hazardous waste discharge intensity	Key Performance Table of GAC Group
		E3.10 Waste recycling performances	Persistence in Clean Production
E4	Ecological safety protection	E4.1 Impact of business operation on biodiversity and ecology	Persistence in Clean Production Contribution to a Harmonious Society
		E4.2 Biodiversity protection actions	Persistence in Clean Production Contribution to a Harmonious Society
		E4.3 Ecological remediation governance	Persistence in Clean Production Contribution to a Harmonious Society
E5	Response to climate change	E5.1 Governance mechanism for tackling climate-related risks and opportunities	Climate Change Tackling
		E5.2 Impact of climate-related risks and opportunities on the operation	Climate Change Tackling
		E5.3 Climate-related risks management	Climate Change Tackling
		E5.4 Objectives and performances around climate-related risks and opportunities	Climate Change Tackling
		E5.5 Direct GHG emissions	Key Performance Table of GAC Group
		E5.6 Indirect GHG emissions	Key Performance Table of GAC Group

No.	Scope of Responsibility	CASS-ESG 5.0 Index	Chapter of the Report
E5	Response to climate change	E5.7 GHG emissions intensity	Key Performance Table of GAC Group
S1	Employment	S1.1 Compliance with labour standards	Growth with Employees
		S1.2 Diversity and equality of opportunity	Growth with Employees
		S1.3 Staff composition	Growth with Employees Key Performance Table of GAC Group
		S1.4 Labor contract signing rate	Growth with Employees Key Performance Table of GAC Group
		S1.5 Employee turnover rate	Key Performance Table of GAC Group
		S1.6 Democratic management	Growth with Employees
		S1.7 Remuneration and benefit system	Growth with Employees
		S1.8 Social insurance coverage rate	Growth with Employees Key Performance Table of GAC Group
		S1.9 Number of per capita days of paid annual leave	Undisclosed
		S1.10 Employee care	Growth with Employees
		S1.11 Employee satisfaction	Growth with Employees
S2	Development and training	S2.1 Career development access	Growth with Employees
		S2.2 Job training system	Growth with Employees
		S2.3 Input in job training	Growth with Employees
		S2.4 Job training performances	Growth with Employees
S3	Occupational health and safety production	S3.1 Occupational health management	Growth with Employees
		S3.2 Qualification for occupational health and safety management system certificate	Growth with Employees
		S3.3 Number of new occupational diseases	Key Performance Table of GAC Group

No.	Scope of Responsibility	CASS-ESG 5.0 Index	Chapter of the Report
S3	Occupational health and safety production	S3.4 Work safety management system	Growth with Employees
		S3.5 Safety publicity, implementation and training	Growth with Employees
		S3.6 Check and remediation of hidden perils	Growth with Employees
		S3.7 Emergency management system	Growth with Employees
		S3.8 Safety production input	Growth with Employees
		S3.9 Work safety training performance	Growth with Employees Key Performance Table of GAC Group
		S3.10 Number of safety production accidents	Key Performance Table of GAC Group
		S3.11 Number of work-related injuries/fatalities	Key Performance Table of GAC Group
		S3.12 Lost days due to work-related injury.	Key Performance Table of GAC Group
S4	Responsibilities to customers	S4.1 Product/service quality management	Craftsmanship of Quality Products
		S4.2 Product percent of pass	Craftsmanship of Quality Products
		S4.3 Responsible marketing	Partnership Expansion
		S4.4 Loss stoppage and compensation mechanism	Craftsmanship of Quality Products
		S4.5 Active response to customer complaints	Craftsmanship of Quality Products
		S4.6 Information security and privacy protection	Craftsmanship of Quality Products
		S4.7 Customer satisfaction	Craftsmanship of Quality Products
		S4.8 Resolution rate of complaints	Key Performance Table of GAC Group
		S4.9 Negative customer health and safety incidents during the Reporting Period	Not occurred
S5	Responsible supply chain management	S5.1 ESG management system for the supply chain	Partnership Expansion
		S5.2 ESG review and assessment for suppliers	Partnership Expansion

No.	Scope of Responsibility	CASS-ESG 5.0 Index	Chapter of the Report
S5	Responsible supply chain management	5.3 Number of suppliers reviewed	Key Performance Table of GAC Group
		S5.4 Number of suppliers involved in the termination of cooperation due to non-compliance	Undisclosed
		S5.5 Number of potential suppliers denied due to non-compliance	Undisclosed
		S5.6 ESG training system for suppliers	Partnership Expansion
		S5.7 ESG training performances of suppliers	Partnership Expansion
V1	Value for the country	V1.1 Philosophy of and policy on serving major national strategies	Message from the Management
		V1.2 Fields of contributions to major national strategies	Message from the Management
		V1.3 Actions and measures for serving major national strategies	Message from the Management
		V1.4 Effect of serving major national strategies	Message from the Management
V2	Industry value	V2.1 Technical innovation system and mechanism	In-Depth Innovation and Transformation
		V2.2 Actions and measures for technical innovation	In-Depth Innovation and Transformation
		V2.3 Input in R&D	In-Depth Innovation and Transformation
		V2.4 Major technical innovation achievements	In-Depth Innovation and Transformation
		V2.5 Drive for coordinated development of the upstream and downstream industrial chain	Green Development Philosophy Persistence in Clean Production Partnership Expansion
		V2.6 Guarantee for safety and stability of the industrial chain and the supply chain	Partnership Expansion
		V2.7 Involvement in the establishment of industrial standards	In-Depth Innovation and Transformation
		V2.8 Strategic cooperation mechanism and platform	Partnership Expansion
V3	Value for people's well-being	V3.1 Actions and measures for driving the employment	In-Depth Innovation and Transformation Growth with Employees
		V3.2 Number of newly employed people	Key Performance Table of GAC Group

No.	Scope of Responsibility	CASS-ESG 5.0 Index	Chapter of the Report
V3	Value for people's well-being	V3.3 Involvement in the infrastructure construction	Persistence in Clean Production Contribution to a Harmonious Society
		V3.4 Fields of charity actions	Contribution to a Harmonious Society
		V3.5 Create a branded charity program	Contribution to a Harmonious Society
		V3.6 Total amount of charitable donations	Key Performance Table of GAC Group
		V3.7 Volunteer service performance	Contribution to a Harmonious Society Key Performance Table of GAC Group
V4	Environmental value	V4.1 Strategies for and objectives of carbon peaking and carbon neutrality	Green Development Philosophy
		V4.2 Action plans and paths of carbon peaking and carbon neutrality	Green Development Philosophy
		V4.3 Effect of less carbon and reduction of carbon	Green Development Philosophy Persistence in Clean Production Climate Change Tackling
		V4.4 Actions and measures for the green ecology protection	Persistence in Clean Production Contribution to a Harmonious Society
		V4.5 Progress and effect of the green ecology protection	Persistence in Clean Production Contribution to a Harmonious Society
A1	Future Plan	The Company's planning for social responsibility work	Message from the Management
A2	Key Performance Table	Centralized presentation of key data of the enterprise's annual social responsibility	Key Performance Table of GAC Group
A3	Report Evaluation	Evaluation on the Report by social responsibility experts or industrial experts, stakeholders or professional institutions	Responsibility Management
A4	Reference Index	Adoption of the disclosed indicators as required in the guideline	About This Report
A5	Feedback	Reader questionnaire or reader feedback channel	Feedback Form

Guidelines for Automobile Disclosure of the China Association of Automobile Manufacturers

Dimension	Theme	CAAM Automotive Disclosure Index	Chapter of the Report
Environmental	E1 Environmental Management	E1.1 Environmental protection strategy and planning	Green Development Philosophy Persistence in Clean Production
		E1.2 Environmental management system	Persistence in Clean Production
		E1.3 Environmental protection	Persistence in Clean Production
	E2 Climate Change	E2.1 Climate risk management	Climate Change Tackling
		E2.2 Greenhouse gas emissions	Climate Change Tackling Key Performance Table of GAC Group
	E3 Resource Use	E3.1 Energy management	Persistence in Clean Production Key Performance Table of GAC Group
		E3.2 Water resource management	Persistence in Clean Production Key Performance Table of GAC Group
		E3.3 Other resource management	Persistence in Clean Production Key Performance Table of GAC Group
	E4 Emission Management	E4.1 Waste gas emissions	Persistence in Clean Production Key Performance Table of GAC Group
		E4.2 Wastewater emissions	Persistence in Clean Production Key Performance Table of GAC Group
		E4.3 Hazardous waste emissions	Persistence in Clean Production Key Performance Table of GAC Group
		E4.4 Non-hazardous waste emissions	Persistence in Clean Production Key Performance Table of GAC Group
		E4.5 Other emissions	Persistence in Clean Production Key Performance Table of GAC Group

Dimension	Theme	CAAM Automotive Disclosure Index	Chapter of the Report
Environmental	E5 Natural Resource Conservation	E5.1 Biodiversity and ecological protection	Persistence in Clean Production Contribution to a Harmonious Society
	S1 Product Responsibility	S1.1 Product safety	Craftsmanship of Quality Products
		S1.2 Product quality	Craftsmanship of Quality Products
		S1.3 Technological innovation	In-Depth Innovation and Transformation
	S2 Customer Relations	S2.1 Customer rights and interests	Craftsmanship of Quality Products
		S2.2 Responsible marketing	Craftsmanship of Quality Products
Social	S3 Employee rights and interests	S3.1 Recruitment and employment	Growth with Employees Key Performance Table of GAC Group
		S3.2 Compensation and benefits	Growth with Employees
		S3.3 Democratic management and communication	Growth with Employees
		S3.4 Employee training and development	Growth with Employees
	S4 Supply Chain Management	S4.1 Supplier management	Partnership Expansion
		S4.2 Dealer management	Partnership Expansion
	S5 Community Engagement	S5.1 Community engagement	Contribution to a Harmonious Society
		S5.2 Community welfare	Contribution to a Harmonious Society
	Governance	G1 Organizational Overview	G1.1 Strategy and culture
G1.2 Organizational structure and operational areas			About GAC
G1.3 Main business			About GAC
G1.4 Scale and influence			About GAC

Dimension	Theme	CAAM Automotive Disclosure Index	Chapter of the Report
Governance	G1 Organizational Overview	G1.5 Major changes in the organization and its supply chain	Not involved
	G2 Corporate Governance	G2.1 ESG governance structure	Responsibility Management
		G2.2 ESG strategies	Responsibility Management
		G2.3 ESG performance assessment	Responsibility Management
		G2.4 ESG risk management	Corporate Governance
		G2.5 Compliance with business ethics	Corporate Governance
		G2.6 Stakeholder communication	Responsibility Management

Feedback Form

Dear readers,

Thank you for reading the 2024 Environmental, Social and Governance Report of GAC Group. GAC Group sincerely hopes that you could evaluate this Report and provide valuable comments to help the Group make continuous improvement.

Should you have any comments or suggestions on this Report 2023 of GAC Group, please feel free to give feedback to the Group in the following ways:

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Your evaluation on the Report: (please tick in the corresponding position)

Questions	Excellent	Good	Normal	Poor	Unfamiliar
Do you think the Report highlights important environmental, social and governance information of GAC Group?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Which part of the Report are you most interested in?

What more information do you think you need to know is not reflected in the Report?

What suggestions do you have for the subsequent reports the Group will issue?



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