



**长城汽车**  
专注 专业 专家

**長城汽車股份有限公司**

**GREAT WALL MOTOR COMPANY LIMITED\***

(a joint stock company Incorporated in the People's Republic of China with limited liability)

H Share Stock Code: 2333 A Share Stock Code: 601633



**2023**

**Corporate, Social and  
Responsibility Report**



\* For identification purpose only

# About This Report

## I. REPORTING PERIOD

This report is the 13th annual corporate social responsibility report issued by Great Wall Motor Company Limited since 2011. This report covers the period from 1 January 2023 to 31 December 2023, with certain information extending to the previous or subsequent years where appropriate.

## II. SCOPE OF REPORT

The Company and its subsidiaries, including some contents involving Baoding Great Wall Holdings Co., Ltd and its subsidiaries. Considering the continuity and comparability of the contents involved, certain information and contents will be appropriately extended as needed. Please refer to the annual report of Great Wall Motor Company Limited for detailed corporate information. There is no significant change in the scope of this report as compared to that set out in 2022 Corporate Social Responsibility Report published by the Company on 30 March 2023.

## III. CONTENTS OF REPORT

This report discloses the Company's information on economic, social and environmental performance indicators, social responsibility and sustainable development in 2023.

## IV. BASIS FOR REPORT

This report is prepared in accordance with the Guidelines No. 1 of the Shanghai Stock Exchange for Self-regulation of Listed Companies – Standardized Operation and the Environmental, Social and Governance Reporting Guide of The Stock Exchange of Hong Kong Limited.

## V. REPORTING PRINCIPLES

This report has been prepared in accordance with the following reporting principles set out in the Environmental, Social and Governance Reporting Guide of the Hong Kong Stock Exchange:

(1) Materiality: The Group communicates with its major stakeholders on a regular basis to identify and assess environmental, social and governance-related issues that matter most from stakeholders' perspectives. Key environmental, social and governance issues identified through stakeholder engagement and materiality assessment; (2) Quantitative: Quantitative information/key performance indicators (KPIs) presented in this report are accompanied by narrative, explanation and comparison wherever applicable; (3) Balance: This report aims to disclose data in an objective way, which aims to provide stakeholders with a balance overview of the Group's overall environmental, social and governance performance; and (4) Consistency: Unless otherwise stated, the Group adopts consistent methodologies and retrieves social and environmental KPIs from the Group's internal record system. The scope of report and KPIs are consistent with those of the previous report to allow meaningful comparison.

## VI. DEFINITIONS IN THE REPORT

"Great Wall Motor" or the "Company" or "we"	Great Wall Motor Company Limited
the "Group"	the Company and its subsidiaries
"Great Wall Holdings"	Baoding Great Wall Holdings Company Limited (the indirect controlling shareholder of the Company) and its subsidiaries

## VII. NOTE TO THE REPORT

Data in this report are sourced from the Company's audit report, annual report or other statistical documents. This report contains uncertainties about future plan or forecast. This report has not been reviewed by any independent source and investors are advised to be aware of the risks involved. The preparation of this report is in compliance with all mandatory disclosure requirements and the "comply or explain" provisions set out in the Environmental, Social and Governance Reporting Guide of the Hong Kong Stock Exchange.

## VIII. AVAILABILITY OF REPORT

This report is published on websites of The Stock Exchange of Hong Kong Limited ([www.hkexnews.hk](http://www.hkexnews.hk)), the Shanghai Stock Exchange ([www.sse.com.cn](http://www.sse.com.cn)) and the Company ([www.gwm.com.cn](http://www.gwm.com.cn)).

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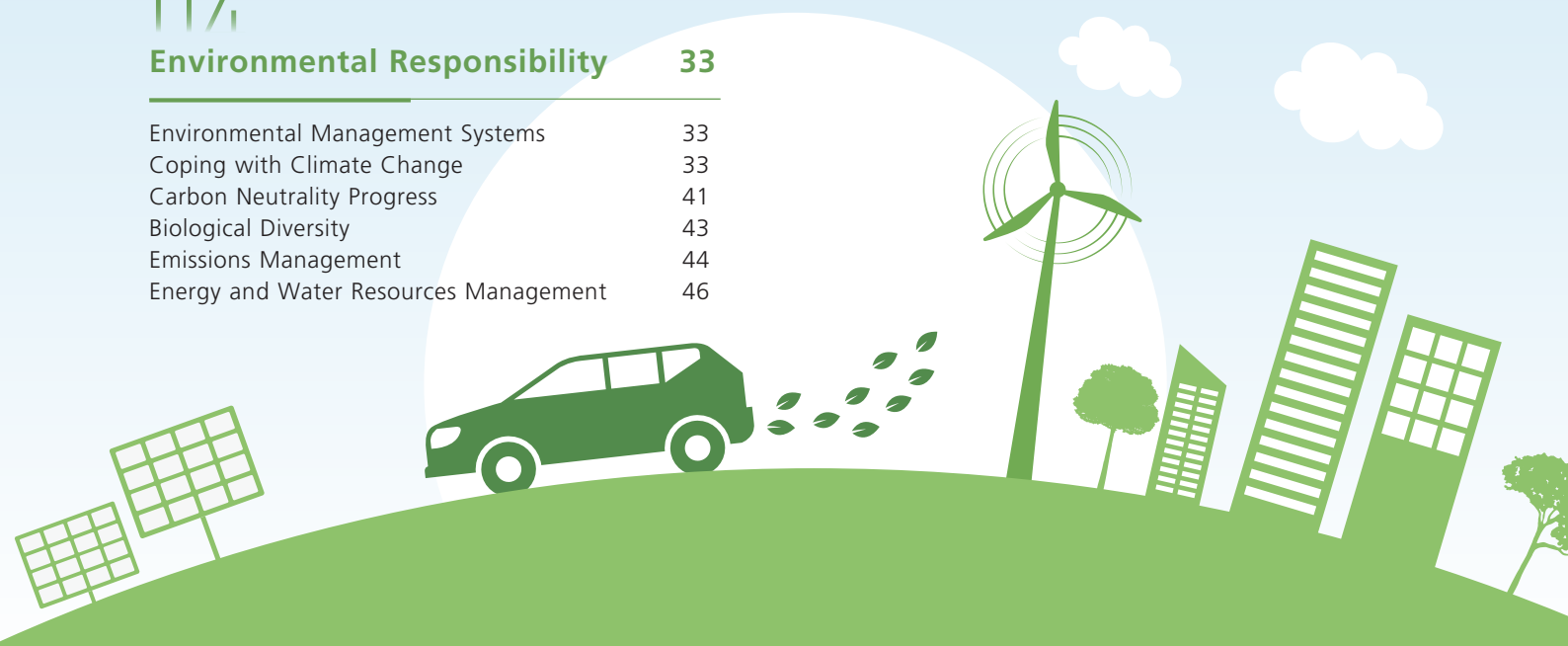
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In 2024, Great Wall Motor will continue to focus on the intelligent and new energy development path, set sail again while insisting on long-term development, consistently improve intelligent and new energy product matrix and promote the sustainable development of environment, economy and society with better products and services.

– WEI JIAN JUN



In 2023, with the support of the government's various policies implemented to expand domestic demand, improve the economic structure, bolster confidence, etc., the Chinese economy has sustained the momentum of recovery. Steady progress has been made in pursuing high-quality development. China's gross domestic product (GDP) exceeded RMB126 trillion, with a year-on-year growth of 5.2%, making it among the top in the world's major economies in term of the growth rate.

In 2023, China's automobile industry also achieved remarkable results. The production and sales volume of automobiles both exceeded 30,000,000 units, representing an increase of 11.6% and 12.0% year on year, respectively, and hitting historical highs. The production and sales volume of new energy vehicles amounted to 9,587,000

units and 9,495,000 units, representing an increase of 35.8% and 37.9% year on year, respectively, and the market share of new energy vehicles reached 31.6%. The export of automobiles reached 4,910,000 units, representing an increase of 57.9% year on year, effectively driving the rapid growth of the whole industry.

In 2023, the Company adhered to the operation strategy on long-term development, continuously conducted technology innovation and comprehensively developed intelligent new energy vehicles. It continuously promoted the implementation of the strategy on "overseas promotion of ecosystems" to enhance its brand influence in the world. It embraced digitalization, promoted the strategic transformation of the enterprise with data and won consumers' trust through the continuous provision of high-value products and services.

**ENVIRONMENT:** In terms of products, Great Wall Motor fully boosted its efforts in the development of intelligent new energy vehicles. The Company totally launched 15 new energy vehicle models throughout the year of 2023, and achieved sales volume of 256,400 new energy vehicles, representing a year-on-year increase of 113.88%. Preliminary results were achieved in the transformation towards intelligent new energy. WEY Blue Mountain, a representative work of green and sustainable products, was awarded the prize of "2023 NO.1 Low-carbon Vehicle" (2023 年度低碳领跑者车型 NO.1).

In terms of management, Great Wall Motor continued to improve its environmental management systems. In 2023, the Company completed the renewal audit of its management system (ISO14001:2015) certificate in due course, and was awarded various prizes, such as "2023 Best Enterprise of Low-carbon Practice". The Company has set up a clear short-term goal of green development in 2024 to steadily promote the realization of "carbon neutrality" of the Company by 2045.

In practice, Great Wall Motor has taken various measures to reduce carbon emission. For logistics and warehousing, the cyclic utilization rate of package was raised to over 5% and the proportion of train and water transportation was increased to 29.06%. For recycling and re-manufacturing, over 200,000 tonnes of steels, 4,000 tons of scrapped vehicles and 10,000 units of parts and components were recycled to effectively reduce resource consumption.

Great Wall Motor continued to optimize the management of emissions and waste discharge. In 2023, the VOCs generated from the painting workshop in the Baoding Factory reduced by 80%, the amount of hazardous waste generated in the Chongqing Factory reduced by 30%. The generation of the non-hazardous waste of the Company reduced by 960 tonnes.

Great Wall Motor continued to intensify efforts in energy conservation and consumption reduction. In 2023, the Group's installed capacity of photovoltaics increased by 25.8% and the proportion of green power in vehicle plants reached 21.68%, representing a year-on-year increase of 4.48%. The Company saved over 50,000 tonnes of water for the year and the reuse rate of industrial water reached 97.9%.

**SOCIAL:** Great Wall Motor redoubled its efforts to improve safe and healthy quality of its products, and obtained overseas and domestic NCAP five-star rating for dozens of its models. In 2023, ORA Lightning Cat was awarded "Five-star Healthy Vehicle" by China-Automobile Health Index (C-AHI), ORA Funky Cat was awarded "five-star" rating and the LCA (Life Cycle Assessment) award by Green NCAP in Europe. WEY Blue Mountain passed the first third-row side-impact test in the industry.

Great Wall Motor continued to optimize the working environment under the principles of openness, equality and inclusiveness, devoted more efforts in cooperation with higher education institutions and was awarded numerous prizes for best employers.

Great Wall Motor insisted on performing its responsibility and provided support and assistance to people in disaster-hit areas. In August 2023, Typhoon "Doksuri" swept Beijing, Tianjin and Hebei regions. Great Wall Motor donated RMB20 million and organized car clubs to join the rescue. In December, a 6.2-magnitude earthquake hit Jishishan County in Gansu province. Great Wall Motor donated RMB5 million and 35 vehicles to provide assistance to people in the earthquake-hit areas. It also recruited charity enthusiasts under the name of its official club to continuously contribute to social caring actions.

**GOVERNANCE:** Great Wall Motor continued to improve its corporate governance. In 2023, it re-elected 2 independent directors and updated the duties and responsibilities of independent directors to improve its corporate governance.

Great Wall Motor continued to optimize its compliance management system. It built a strict compliance ecosystem and an intelligent legal risk control and compliance platform, introduced AI model tools and big data analysis methods to timely warn and quick respond to compliance risk.

Great Wall Motor made continuous efforts on the construction of safety culture. In 2023, it achieved a safety training coverage of 100%. It also organized the safety month activities and launched an online risk identification platform to create a safety culture atmosphere within the Company.

In 2024, Great Wall Motor will continue to transform into a global intelligent technology company, adhere to the long-term development strategy, insist on the path of intelligent and new energy development, and pursue the harmony among the environment, economy and society while continuously introducing more superior products and services.



# COMPANY OVERVIEW

Targeting global users, Great Wall Motor devotes itself to providing intelligent and green travel services, and accelerating its advancement to a global intelligent technology company.



Great Wall Motor's business includes design, research and development, production, sales of and services relating to automobiles and parts. It owns brands including Haval, WEY, ORA, TANK and Great Wall Pick-up with global production and sales network. It has created a forest-like ecosystem with energy and intelligence as orientation, established the simultaneous development of pure electric, hybrid power and hydrogen energy, and carried out layout on the whole industrial chain in terms of smart driving, smart cabins and intelligent chassis. It has built a leading "photovoltaic + distributed energy storage + centralized energy storage" energy system in the industry and completed the layout on the full value chain covering "solar energy, battery, hydrogen energy and vehicle power".



With "GWM intelligent new energy vehicles, more economical, driving farther and safer" as its commitment to new energy vehicles and targeting global users, Great Wall Motor stays true to its original aspirations in car-making, returns to the essence of conscientious and faithful car-making driven by core technology and achieves equal access to technology. It is committed to achieving "three savings", namely saving money, time and efforts; "four furthers", namely further range, development, footprint and insight; and "five safeties", namely safety in quality control, structure, battery, intelligence and information.



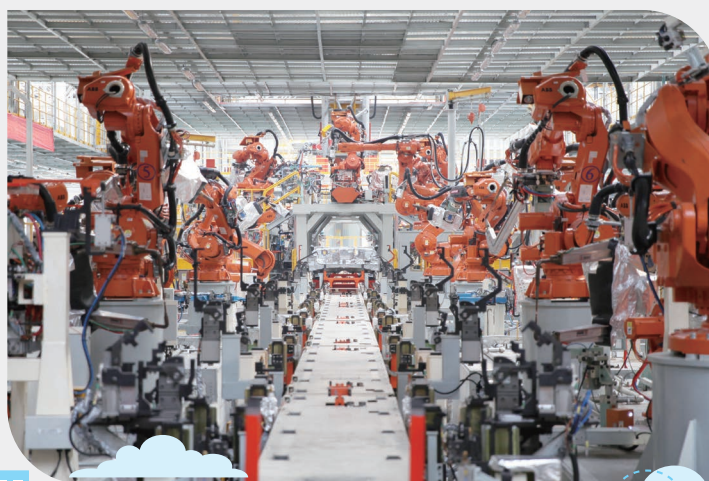
Great Wall Motor has established its global sales network. It exported its automobiles to over 170 countries and regions, with more than 1,000 overseas distribution channels and cumulative overseas sales volume exceeding 1.4 million units. Its overseas sales exceeded 300,000 units throughout 2023. Great Wall Motor has built 10 full-process automobile production bases in China. It has set up three full-process automobile production bases in Thailand, Brazil and other regions and owns various KD plants in Ecuador, Pakistan and other countries. In the future, Great Wall Motor will continue to follow the “ONE GWM” global brand action plan. Based on such new strategy, Great Wall Motor will focus on the GWM brand, and comprehensively go global with different development paths based on the characteristics of its brand categories. It will develop differentiated new energy products according to different market and industry policies in different countries and regions, and thereby build a localized ecosystem.



Technological innovation is a strong impetus to the robust development of enterprises. In 2023, Great Wall Holdings had 6,888 patents published in the year, representing a year-on-year increase of 14% and ranking the first among Chinese private auto companies for three consecutive years; and had 4,665 patents granted, ranking the first among Chinese private auto companies for three consecutive years. In the field of new energy vehicles, Great Wall Holdings had 1,838 and 1,375 patents published and granted, ranking the first among auto companies in China for three consecutive years. It is attributed to the persistent pursuit and forward-looking layout of Great Wall Motor on technology and consolidated the solid foundation for “full acceleration” in the two tracks of new energy and intelligence.

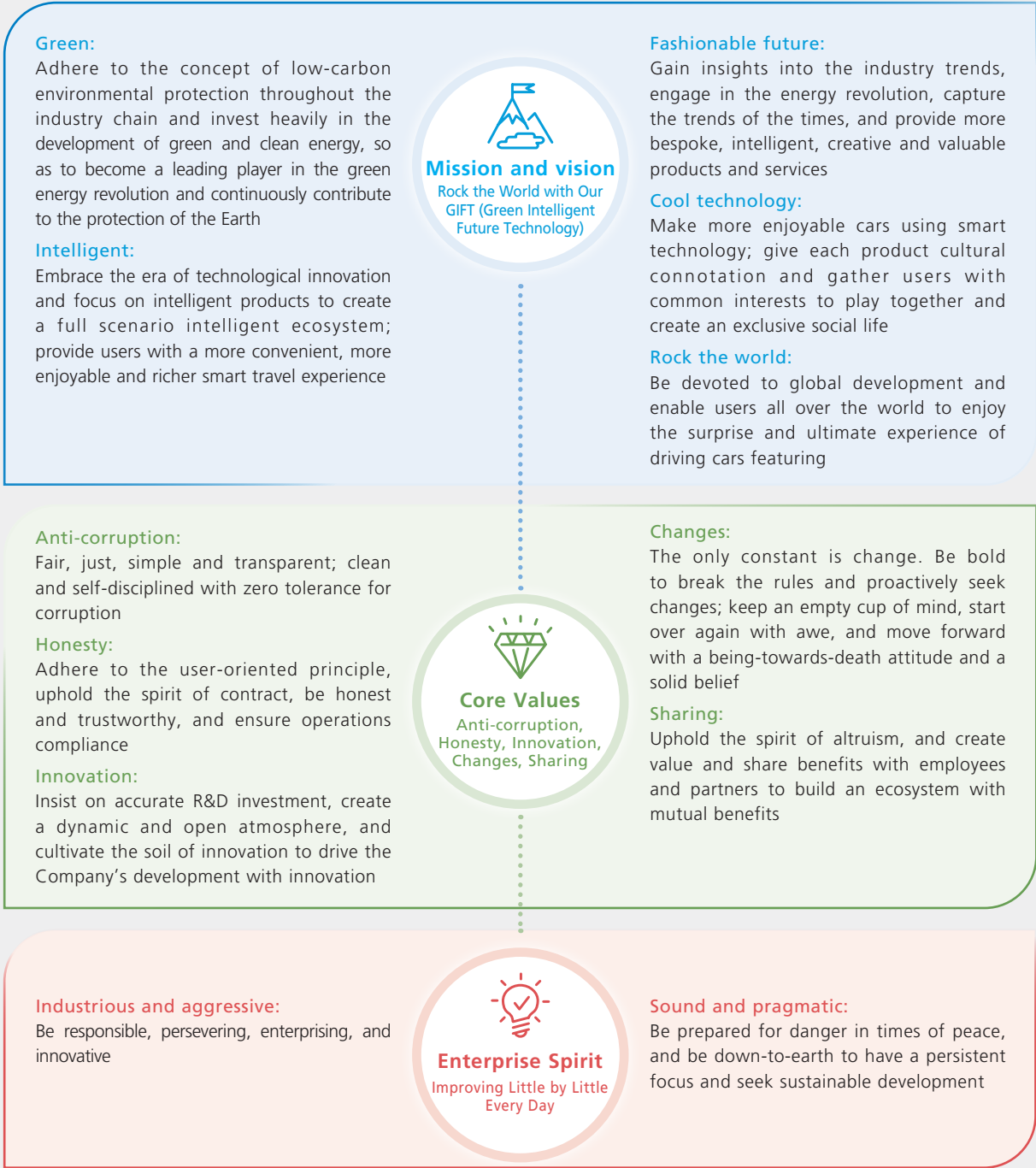
Great Wall Motor always regards promoting the growth of employees and improving their quality of life as its responsibility: providing global job opportunities for employees and activating their potential to make extraordinary achievements. At the same time, it increases investment in medical care, housing, education and other sectors so that the fruits of development will benefit its employees, and actively participates in global social welfare undertakings.

To cater for future trends, Great Wall Motor will continue to collaborate with its upstream and downstream partners in the industry chain to create a multi-party win-win forest-like ecosystem. The Company will continue to invest in research and development to produce greener, smarter and safer products for users worldwide. It will strengthen its C2B user operation model relying on IoT, and establish a new “product + software + service” business model to facilitate shifting the value chain towards the back end, link up the value chain in the full life cycle of automobile consumption, and truly make achievements in intelligent and green travel benefit the whole world and achieve sustainable development through co-creation, sharing and achieving win-win results with users.



# CORPORATE CULTURE

In 2023, Great Wall Motor observed its corporate culture to Rock the World with Our GIFT (Green Intelligent Future Technology), the core values of Anti-corruption, Honesty, Innovation, Changes, Sharing and the enterprise spirit of Improving Little by Little Every Day, stayed true to its original aspirations in car-making and accelerated the pace towards becoming a global intelligent technology company.



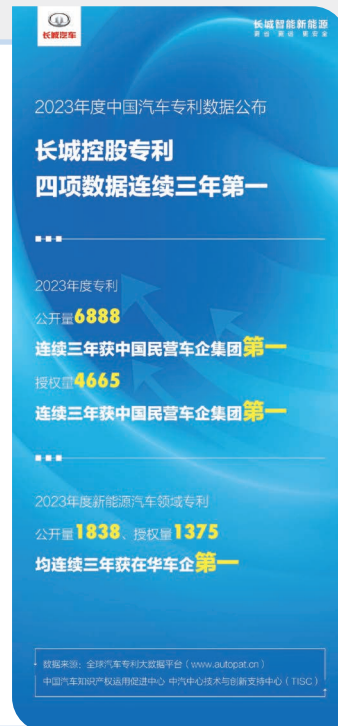




## RECOGNITIONS AND PUBLIC COMMENTARIES

### 1. GREAT WALL MOTOR WON FOUR CHAMPIONS OF THE YEAR IN TERMS OF THE NUMBER OF PATENTS PUBLISHED BY CHINESE PRIVATE AUTO COMPANIES DURING THE YEAR, THE NUMBER OF PATENTS GRANTED TO AUTO COMPANIES IN CHINA, THE NUMBER OF PATENTS PUBLISHED AND GRANTED IN THE FIELD OF NEW ENERGY VEHICLES, RANKING THE FIRST FOR THREE CONSECUTIVE YEARS

According to the ranking released by the global automotive patent big data platform in 2023, Great Wall Holdings (including Great Wall Motor and the parts and other subsidiaries of Great Wall Holdings) ranked the first for three consecutive years in terms of four numbers. In 2023, Great Wall Holdings had 6,888 patents published in the year, representing a year-on-year increase of 14% and ranking the first among Chinese private auto companies for three consecutive years; and had 4,665 patents granted, ranking the first among Chinese private auto companies for three consecutive years. In the field of new energy vehicles, Great Wall Holdings had 1,838 and 1,375 patents published and granted, ranking the first among auto companies in China for three consecutive years.



### 2. GREAT WALL MOTOR WON TWO PRIZES IN THE CHINA AUTOMOBILE FESTIVAL HOSTED BY CMG WITH ITS EXTRAORDINARY NEW ENERGY VEHICLES

The award ceremony of the fourth China Automobile Festival hosted by China Media Group (CMG) and specially planned by the financial program center of the CMG was officially unveiled. Great Wall Motor won two prizes. Its Hi4 hybrid technology system was awarded the special prize by the judging panel. TANK 400 Hi4-T won the prize for the best four-wheel drive SUV performance, demonstrating the unique new energy technology and product of Great Wall Motor in the industry in 2023.

### 3. GREAT WALL MOTOR PASSES ASPICE CL3 ASSESSMENT, THE HIGHEST CERTIFICATION, AND LEADS IN THE ERA OF INTELLIGENCE

On 20 January, Great Wall Motor officially passed the Automotive SPICE CL3 assessment (the Automotive Software Process Improvement and Capability Determination), marking another milestone after passing the ASPICE CL2 assessment in March 2022. ASPICE CL3 represents the highest level of assessment and certification in the automotive software industry in China. It marks that the automotive software development capability and the software quality management capability of Great Wall Motor has reached an international leading level, means that Great Wall Motor has established a stable and autonomous software product development system and can provide strong system guarantees to the high-quality and rapid iteration of software in the future, demonstrating Great Wall Motor's confidence and strength in supporting the high-quality development of the industry with actions.

### 4. GREAT WALL MOTOR'S HI4-T AWARDED THE 2ND WORLD TOP 10 HYBRID POWER SYSTEM

Great Wall Motor's Hi4-T was awarded the 2nd World Top 10 Hybrid Power System by Carbingo Academy. It is another award for the Hi4 technology system after the top ten engines and hybrid systems of "China's Heart". With technological innovation breaking the bottleneck of autonomous hybrid technology, the Hi4 technology system will facilitate Great Wall Motor to make new achievements. As the China's first and the world's only one professional



power appraisal activity, the 2nd World Top 10 Hybrid Power System activity was held by Carbingo Academy. It continuously explores the features of technological upgrading of hybrid transmission and the insights on market prospects and is increasingly concerned and recognized by more and more enterprises and consumers.

### 5. GREAT WALL MOTOR'S HI4 AWARDED TOP TEN ENGINES OF "CHINA'S HEART"

With Atkinson cycle, direct injection in cylinders, 16 extra-high compression ratio, 350bar fuel injection and other advanced technologies, Great Wall Motor's special engine with the Hi4 hybrid system achieved a leading engineering thermal efficiency of 41.5%. Meanwhile, the special hybrid transmission for two-gear single motor in Great Wall Motor's Hi4 hybrid system is featured with high integration, high efficiency, high serenity and high comfort with a highest transmission efficiency of up to 98%. At the same time, with the innovative dual-motor hybrid structure, the whole system further improved the economy and power of the powertrain system, improved the adaptability to complicated road conditions, reduced potential driving safety hazards and achieved innovation and revolution in autonomous hybrid technology with "four-wheel drive performance and two-wheel drive energy consumption". Great Wall Motor's Hi4 has attracted wide attention and was awarded the Top Ten Engines of "China's Heart" in 2023, which is the tenth time for Great Wall Motor being honored.



## 6. GREAT WALL MOTOR'S IOT INTELLIGENT ECOSYSTEM AWARDED AT 2023 WORLD INTERNET OF THINGS CONVENTION

The IoT (Internet of Things) can achieve the seamless connection of vehicles and external equipment and conduct intelligent control and management of equipment through the IoT capability of its own cloud management end. With the theme of "New Internet of Things, New Economy and New Era", it demonstrates the role of IoT in promoting innovation under the influence of digital technology and the important part of IoT in the future with things connected. Based on the technology of Great Wall Motor's COFFEE Intelligence, the GWM IoT intelligent ecosystem successfully won the Innovation Project Award at the 2023 World Internet of Things Convention for its original technological structure with the integration of cloud, management and ends.



## 7. GREAT WALL MOTOR'S WEY BLUE MOUNTAIN AWARDED AT "CICA · 2023 CHINA INTELLIGENT CABIN OF THE YEAR"

At the selection of the "CICA · 2023 China Intelligent Cabin of the Year" jointly held by J.D. Power and HVR Lab of Tongji University, the Coffee OS 2, a COFFEE Intelligence cabin system of Great Wall Motor's WEY Latte DHT-PHEV, stood out among over 50 models of new, luxury, JV and self-owned brands and was awarded the "Example of Intelligent Cabin of the Year".

## 8. GREAT WALL MOTOR AWARDED TWO BEST AWARDS BY IDC IN 2023 IN ADVANCING DIGITAL AND INTELLIGENT DEVELOPMENT

The 8th IDC China Digital Transformation Annual Ceremony announced outstanding cases and the list of winners of the "2023 IDC China Future Enterprise Awards". Konsortium (K8m) Great Wall Motor Alliance Chain was awarded the "Leader in Future Industry Ecosystem" and the "Future Enterprise Awards-Excellence Award" (China) in 2023 by IDC, making it one of the few Chinese enterprises with two best awards in recent years and the model for building benchmark enterprises in digital transformation in the industry.



**9. GREAT WALL MOTOR AWARDED FIRST PRIZE OF "CHINA AUTOMOTIVE INDUSTRY AWARDS FOR SCIENCE AND TECHNOLOGY" FOR PRACTICING CONCEPT OF "PRIORITIZING USER SAFETY"**

The Technology and Application of Full-Strength Series High-Toughness Aluminum-Silicon Coated Hot Stamping Steel completed by Great Wall Motor was awarded the first prize for scientific and technological inventions at the 2023 "China Automotive Industry Awards for Science and Technology". Adhering to the car-making concept of safety first, Great Wall Motor firstly completed the certification of the technology on 1000-1500-2000MPa full-strength series high-toughness hot stamping steel with thin aluminium-silicon coating. The new technology broke the global patent monopoly of overseas enterprises, reached the equivalent strength of existing thermoforming steel, improved the tenacity by 20%, significantly reduced risks on cracking of parts upon collision and improved the safety performance of vehicles.

**10. COFFEE INTELLIGENCE AWARDED THE PRIZE FOR INNOVATION BENCHMARK IN FULL INTELLIGENT SOLUTIONS OF THE YEAR**

At the 2023 (15th) High-tech Intelligent Vehicle Developers Conference (Automotive Software, Cockpits and IoV), Great Wall Motor's COFFEE Intelligence was awarded the "Prize for Innovation Benchmark in Full Intelligent Solutions of the Year" for its advanced technological strength and outstanding reputation among users.



**11. GREAT WALL MOTOR AWARDED CMMI LEVEL 5 CERTIFICATE, THE HIGHEST CERTIFICATION IN THE WORLD**

Great Wall Motor was officially awarded the CMMI Level 5 certificate by the CMMI Institute. It means that Great Wall Motor's software R&D capability obtained the only authorized certification in the global software and system engineering industry, the maturity of Great Wall Motor's software R&D capability reached the level of leading software enterprises in the industry and Great Wall Motor made a solid step in the transformation from a manufacturing enterprise into a technology enterprise.

**12. GREAT WALL MOTOR WON MULTIPLE AWARDS OVERSEAS**

At the first TopGear South Africa Awards 2023 ceremony organized by a professional automotive media brand under the BBC (British Broadcasting Corporation), the GWM ORA 03 stood out among numerous car models through a strict review process and evaluation system covering performance, quality, design and innovation, and won the TopGear South Africa Awards 2023.



At the selection of automobile awards for 2023 held by the authoritative Brazilian automotive media Auto Esporte, Great Wall Motor won two awards, namely the "Best Powertrain of the Year" and the "Digital Brand of the Year". The "Best Powertrain of the Year" (for models with a displacement of less than 2.0L) was awarded to Haval H6 new energy model with a 1.5T hybrid plug-in engine. The "Digital Brand of the Year" is attributed to users' recognition over the whole-process digital business, including the innovative e-commerce platform covering sales developed by Great Wall Motor in Brazil, APP services and door-to-door delivery.

The authoritative Mexican media Excelsior announced awards such as the Best Car Brand and the Best Model in Mexico for 2023. Great Wall Motor won two best awards: the "2023 First New Car Brand" for GWM and the "2023 TOP 1 SUV" Haval Jolion HEV, demonstrating the extraordinary strength of Great Wall Motor's brands and products in overseas markets.



Green NCAP, a new vehicle evaluation agency in Europe specially targeting environmental protection, energy saving and emission reduction awarded the LCA (Life Cycle Assessment) for the first time in October. After a series of rigorous tests and reviews, Great Wall Motor's ORA Funky Cat passed the European Green NCAP five-star certification and was awarded the LCA award for its lower climate impact over its entire life cycle.

In August, the results of Brazil's annual "Best Buy" selection were announced. The Haval H6 new energy vehicle of Great Wall Motor won four annual awards and was selected as the "Highlight of the Year 2023".



长城智能新能源  
更新 更速 更安全

长城汽车欧拉好猫  
获欧洲Green NCAP五星评级  
及LCA奖



Green NCAP's LCA award is given to recently tested five-star cars that make the lowest impact on climate-changing emissions over their entire life cycle.  
(Green NCAP的LCA奖项授予最近测试的五星级汽车, 它们在整车生命周期内对气候变化排放产生最小影响。)

(\*)数据来源Green NCAP官方网站, 截至今年8月, 2023年共21款车型参加测试。



## SIGNIFICANT CORPORATE EVENTS IN 2023

### 1 ACCELERATING IN GLOBAL LAYOUT: GREAT WALL MOTOR ENTERS OMAN AND SPEEDS UP DEVELOPMENT IN MIDDLE EAST

Great Wall Motor released the GWM brand in Oman. Great Wall Motor and OTE Group in Oman jointly unveiled Haval, Great Wall Pickup, TANK and other major models of Great Wall Motor. Great Wall Motor's distribution network in Oman was officially put into operation. It marks that Oman successfully joined the expansion of Great Wall Motor in the GCC region after Saudi Arabia, Bahrain and Kuwait, promoting Great Wall Motor to speed up development in the Middle East.



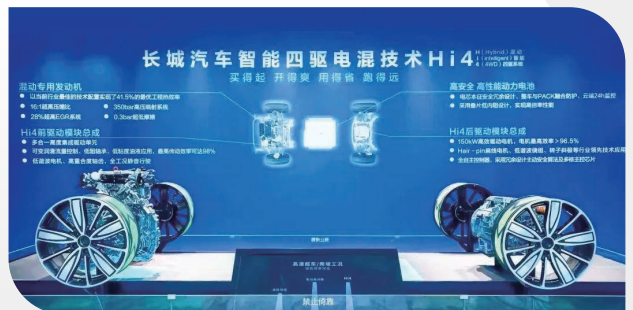
### 2 GREAT WALL MOTOR ACCELERATES IN GLOBAL STRATEGY WITH 100% INTENTION TO SIGN CONTRACTS AT THE FIRST PRE-INVESTMENT PROMOTION EVENT IN MEXICO



In February, the first pre-investment promotion event of Great Wall Motor in Mexico was officially held. Large dealers in Mexico participated in the event with 100% intention to sign contracts on cooperation. The dealers highly recognized the brand concept, product strength and market prospects of Great Wall Motor and were confident in Great Wall Motor's entering Mexico. The event marks a new layout of Great Wall Motor in Latin America after Chile, Brazil, Peru and other markets and further mapped out the blueprint of Great Wall Motor on the strategic development in Latin America.

### 3 GREAT WALL MOTOR EMBARKS ON A NEW JOURNEY IN THE ERA OF INTELLIGENT AND NEW ENERGY VEHICLES WITH SPECIFIC ACTIONS

The "GWM Intelligent NEV Day" was held at the Haval Technology Center in Baoding in March. Great Wall Motor released the results of its forest-like ecological system, demonstrated its core competitiveness in the era of electrification under full scenarios for the first time, officially announced "GWM intelligent new energy vehicles, more economical, driving farther and safer" as its commitment to new energy vehicles and the new intelligent four-wheel drive hybrid technology "Hi4", embarking on the new journey of Great Wall Motor in winning the battle on intelligent and new energy vehicles.



**4 GREAT WALL MOTOR BRINGS INTELLIGENT AND NEW ENERGY VEHICLES TO SINGAPORE AND EXPANDS MARKET PRESENCE IN ASEAN**

Great Wall Motor officially signed a cooperation agreement with Cycle & Carriage Group to introduce its intelligent and new energy vehicles into Singapore. The cooperation demonstrated the shared vision of two parties to drive the sustainable development of local society, the intellectualization of the automotive industry and the transformation towards new energy models.



**5 OVER 100 DEALERS GATHER IN BRAZIL AND GREAT WALL MOTOR EMBARKS ON THE NEW JOURNEY OF INTEGRATED DEVELOPMENT IN LATIN AMERICA**



Great Wall Motor successfully held the first annual dealer conference in Latin America in Sao Paulo, Brazil. Great Wall Motor profoundly explained GWM's new energy and intelligent technology, the layout of the forest-like ecological system and the long-term strategic planning on markets and officially launched the sales of Haval H6 new energy models in Brazil. It means that Great Wall Motor will speed up in exploring the Latin American market with Brazil as the center and embark on the new journey of integrated development in Latin America, marking a significant milestone in the global business development of Great Wall Motor.

**6 GWM CHAIRMAN WEI JIANJUN AWARDED RAO BIN MEDAL OF CHINA AUTOMOBILE INDUSTRY**

Wei Jianjun, Chairman of Great Wall Motor, was awarded the "Rao Bin Medal of China Automobile Industry" (the "Rao Bin Medal") at the 10th International Congress of Intelligent and Connected Vehicles Technology. Fu Yuwu, honorary president of the China Society of Automotive Engineers presented the medal to Chairman Wei Jianjun at the event.



**7 RANKING SIGNIFICANTLY IMPROVED! GREAT WALL MOTOR RANKS 20TH AMONG 2023 BRANDZ CHINESE GLOBAL BRAND BUILDERS**

Great Wall Motor stood out among over 200 candidate Chinese brands and ranked the 20th in the 2023 Top 50 Chinese Global Brand Builders released by Google and Kantar BrandZ, 11 places higher than 2022. As a global intelligent technology company, Great Wall Motor persists in technological innovation and actively explores global markets, achieving outstanding overseas results and remarkable achievements under its strategies on new energy vehicles. It obtained high "sense of value" among global consumers with its brand value significantly improved.



**8 GREAT WALL MOTOR AND INCHCAPE ENTER STRATEGIC PARTNERSHIP TO JOINTLY EXPLORE GLOBAL NEW ENERGY VEHICLE MARKET**

Great Wall Motor and Inchcape, one of the biggest automotive dealers in the world, officially entered global strategic partnership and reached the cooperation intention on the Indonesian market. In the future, while continuously deepening the cooperation in Chile, Peru, Hong Kong, Macau and other markets, the two parties will expand cooperation in Asia Pacific, Latin America, Europe and Africa. This partnership will yield favorable results for Great Wall Motor's global strategy and further consolidate its leading position in the global market.



**9 GREAT WALL MOTOR EXPANDS IN ASEAN AUTOMOBILE MARKET! GWM BRAND OFFICIALLY LAUNCHED IN VIETNAM**



In August, Great Wall Motor officially launched the GWM brand in Hanoi, Vietnam. The global Haval H6 HEV was officially launched, marking the grand opening of the first GWM dealership in Vietnam. GWM's successful entry into the Vietnamese market will open a new chapter in the development of Great Wall Motor in the ASEAN regional market and further promote the in-depth implementation of the ASEAN strategy of Great Wall Motor.



## 10 GREAT WALL MOTOR OFFICIALLY ENTERS INDONESIAN MARKET WITH INTELLIGENT AND NEW ENERGY MODELS DEBUTED AT INDONESIA AUTO SHOW

Great Wall Motor officially launched the GWM brand in the Indonesian market at the GAIKINDO Indonesia International Auto Show 2023. TANK 500 HEV, HAVAL H6 HEV, HAVAL JOLION HEV, ORA Funky Cat and other star models debuted. It marks another solid step of Great Wall Motor in the ASEAN automobile market, demonstrated Great Wall Motor's rapid layout on overseas new energy vehicle sector and will provide overseas users with more intelligent, cutting-edge and green automobiles.



## 11 INTELLIGENT MANUFACTURING IN CHINA IS POPULAR IN RAINBOW NATION, GREAT WALL MOTOR PROVIDES OFFICIAL VEHICLES FOR THE 2023 BRICS SUMMIT



The 15th BRICS Summit was held in Johannesburg, South Africa. As the provider of official vehicles and media summit vehicles for the 2023 BRICS Summit, Great Wall Motor offered HAVAL H6, HAVAL H6 HEV and other models, providing mobility services for BRICS delegations, organizing committees, and summit media. Since the last BRICS summit held in South Africa in 2018, Great Wall Motor has once again become the provider of official vehicles, fully demonstrating the reliance on Great Wall Motor in international markets and witnessing the strength of "Intelligent Manufacturing in China" in the world.

## 12 GREAT WALL MOTOR OFFICIALLY ENTERS UZBEKISTAN AND WRITES NEW CHAPTER IN EURASIA

In October, Haval H6 and other models of Great Wall Motor were released in Tashkent, the capital of Uzbekistan, marking that Great Wall Motor officially entered the Uzbek market.



**13 HIGHLY RECOGNIZED BY GLOBAL INVESTORS! GWM INVESTOR DAY 2023 SUCCESSFULLY HELD**

Themed with “GO LONG. GO WITH THE WORLD”, the “GWM Investor Day 2023” was successfully held in October in Baoding, China. Great Wall Motor redefined the new standards on Chinese automotive brands’ success in going global with its advantages in overseas layout on the whole industrial chain. Its technological strength in world-leading intelligent and new energy products was highly recognized by over 300 overseas dealers and investors from 32 countries. They faced global markets and users directly and jointly developed the global development path of GWM brands to bring intelligent manufacturing in China to the world.

**14 GWM CHAIRMAN WEI JIANJUN OFFERS INSIGHTS ON HIGH-QUALITY DEVELOPMENT OF AUTOMOTIVES IN CHINA AT 2023 “WUZHEN DIALOGUE ON AUTOMOTIVES”**

The development of the automotive industry has entered the new stage facing how to achieve high-quality development and expand to the global market as well as other challenges. Wei Jianjun, Chairman of Great Wall Motor, offered insights on the high-quality development of automotives in China at the 2023 “Wuzhen Dialogue on Automotives” convened on 9 November and proposed suggestions on regulating the market environment, abiding by laws and setting up bottom-line and long-term thinking by enterprises, which was widely recognized in the industry.

**15 DEEPLY ROOTED IN INTERNET GENES AND SPEEDING UP IN DIGITAL AND INTELLIGENT REFORM, GREAT WALL MOTOR ACHIEVED STRATEGIC COOPERATION WITH DOUYIN GROUP**

Great Wall Motor and Douyin Group will carry out deep cooperation on nine aspects, including big models of corporate applications, data value and brand promotion, and create better car-owning and life experience for users with an Internet-based thinking. Great Wall Motor and Douyin Group will jointly build big models of cockpits, explore the establishment of knowledge base of enterprises and develop office applications based on big models on the product and enterprise ends under digital scenarios to make new attempts in achieving business development with an Internet-based thinking. The digital and intelligent reform of Great Wall Motor covers R&D, design, production, supply chain, sales, service and other value chains of principal businesses. The cooperation will facilitate the digital, intelligent and accurate Internet-based marketing and reform of Great Wall Motor.



**16 NEW RECORD IN ANNUAL OUTPUT SET AT HIGH-END SUV BASE IN CHINA, THE 100,000TH VEHICLE CAME OFF THE PRODUCTION LINE IN GWM JINGMEN FACTORY**



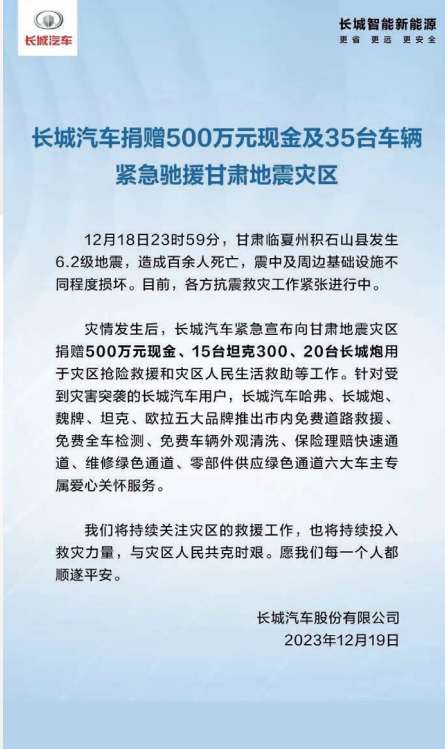
TANK 500 Hi4-T, the 100,000th complete vehicle of the year, came off the production line in GWM Jingmen Factory, the first high-end SUV manufacturing base of Great Wall Motor in China. Hu Yabo, secretary of the CPC Jingmen Municipal Committee, Chen Jiawei, mayor of Jingmen, Wei Jianjun, Chairman of Great Wall Motor, Meng Shujie, Vice President, Liu Xiangshang, Vice President, and other leaders witnessed the moment together. The 100,000th vehicle of the year came off the production line in the high-end SUV base of Great Wall Motor, which demonstrates the strength of Great Wall Motor in exploring the high-end market, sets a new record of high-end SUV bases in China and is a milestone in the rising of Chinese automobile brands.

## 17 KEY STEP MADE IN HIGH-QUALITY AUTOMOTIVE DEVELOPMENT IN CHINA, INITIATIVE ON IMPROVEMENT OF ENVIRONMENTAL TESTING OF NEW ENERGY VEHICLES REACHED AT BAODING ROUNDTABLE FORUM

The roundtable forum on “jointly improving the environmental testing of new energy vehicles in China” proposed by Great Wall Motor was held at the Haval Technology Center of Great Wall Motor in Baoding. Great Wall Motor and more than 30 experts from industry authorities, industrial, academic and research institutes as well as media conducted in-depth communications, discussed the path for the high-quality development of the automotive industry in China and reached the initiative on jointly improving the environmental testing of new energy vehicles in China. Meanwhile, it announced the opening of the “testing platform for new energy vehicles” to the whole industry and advocated for opening testing resources by other automobile enterprises to jointly support the high-quality development and testing of automobiles in China and promote the introduction of more professional and rigorous “standards on environmental testing of new energy vehicles”.

## 18 PERFORMING CORPORATE SOCIAL RESPONSIBILITY AND UNDERTAKING OBLIGATIONS AS A DOMESTIC ENTERPRISE

Typhoon “Doksuri” caused extreme rain in China in August 2023 and the Beijing-Tianjin-Hebei experienced floods and geological disasters, resulting in serious casualties and property loss. Facing the disasters, Great Wall Motor upgraded supports after introducing “six care services” and donated RMB20 million to the Red Cross for rescue and post-disaster construction in disaster-hit areas.



**长城智能新能源**  
更省 更迅 更安全


### 长城汽车捐赠500万元现金及35台车辆 紧急驰援甘肃地震灾区

12月18日23时59分，甘肃临夏州积石山县发生6.2级地震，造成百余人死亡，震中及周边基础设施不同程度损坏。目前，各方抗震救灾工作紧张进行中。

灾情发生后，长城汽车紧急宣布向甘肃地震灾区捐赠**500万元现金、15台坦克300、20台长城炮**用于灾区抢险救援和灾区人民生活救助等工作。针对受到灾害突袭的长城汽车用户，长城汽车哈弗、长城炮、魏牌、坦克、欧拉五大品牌推出市内免费道路救援、免费全车检测、免费车辆外观清洗、保险理赔快速通道、维修绿色通道、零部件供应绿色通道六大车主专属爱心关怀服务。

我们将持续关注灾区的救援工作，也将持续投入救灾力量，与灾区人民共克时艰。愿我们每一个人都顺遂平安。

长城汽车股份有限公司  
2023年12月19日



**长城智能新能源**  
更省 更迅 更安全

### 同舟共济 援助升级

#### 长城汽车捐赠2000万元

近日，台风“杜苏芮”导致全国多地遭遇极端强降雨天气。基于灾情持续升级，长城汽车向红十字会捐款人民币**2000万元**，用于灾区救援、重建等工作。

面对灾情，长城汽车第一时间迅速响应，汇聚长城力量，参与抢险救援工作。针对受到暴雨灾害突袭的长城汽车用户，长城汽车五大品牌推出24小时救援、免费检测、维保优惠、延时维保、高效理赔、全车消毒等六大爱心关怀服务。旗下炮火联盟、坦克联盟等多个车友会不惧风雨，第一时间投身到社会救援当中。

后续，长城汽车将时刻关注灾区情况，全力持续跟进救灾工作，愿与灾区民众同舟共济，共克险情！

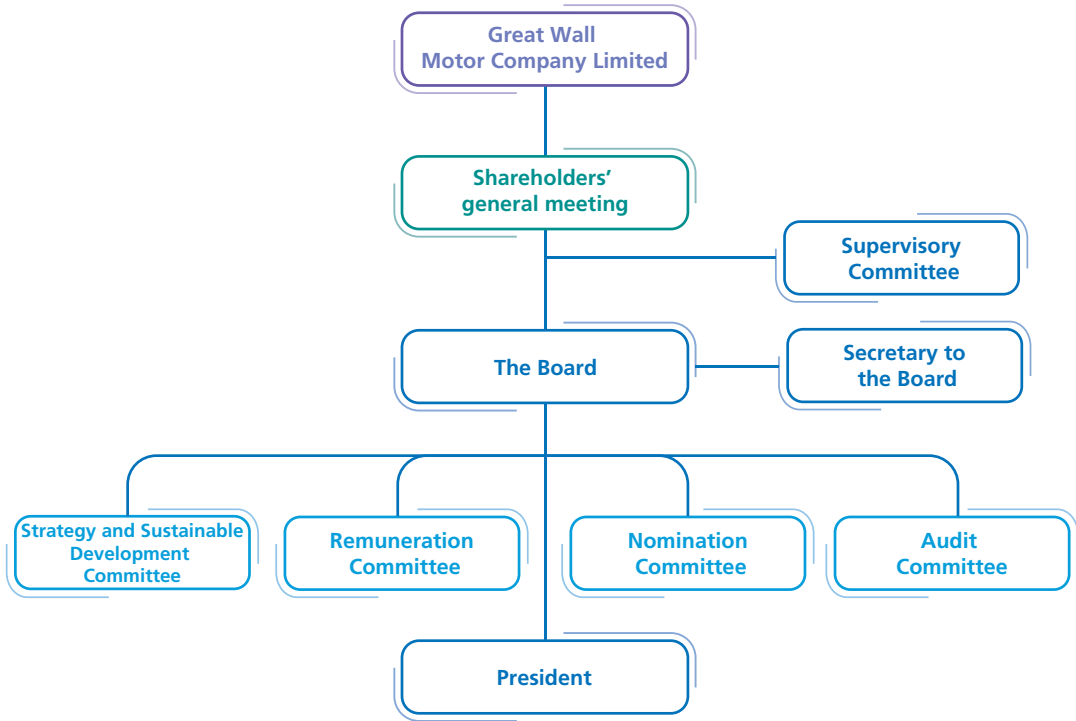
长城汽车股份有限公司  
2023年8月3日

HAVAL 魏牌 坦克 欧拉

A 6.2-magnitude earthquake hit Jishishan county in Linxia prefecture in Gansu province in December, which caused over 100 deaths and infrastructure damages in the epicenter and surrounding areas. After the disaster, Great Wall Motor urgently announced the donation of RMB5 million, 15 TANK 300 and 20 Great Wall Cannon for rescue and subsidies to people in the earthquake-hit areas in Gansu.

 **CORPORATE GOVERNANCE**

**CORPORATE GOVERNANCE STRUCTURE**



**GOVERNANCE STRUCTURE AND MANAGEMENT OF THE BOARD, THE SUPERVISORY COMMITTEE, AND SHAREHOLDERS' GENERAL MEETING**

The Company strictly complies with the requirements of the Company Law of the People’s Republic of China, the Securities Law of the People’s Republic of China and other relevant laws and regulations to continuously improve its modern corporate governance structure, and has established a system comprising the shareholders’ general meeting, the Board, the Supervisory Committee, the senior management team, and employees. At present, the Board of the Company has four special committees: the Strategy and Sustainable Development Committee, the Audit Committee, the Nomination Committee, and the Remuneration Committee, which help improve the working efficiency and quality of the Board of the Company.

Application of the cumulative voting system: In 2023, the Company adopted the cumulative voting system in voting on resolutions on the election of directors and supervisors and fully guaranteed the exercise of power by all shareholders. Mr. Li Wan Jun and Mr. Ng Chi Kit, independent non-executive directors, were replaced by Mr. Tom Siulun Chau and Mr. Fan Hui. The Board of the Company currently comprises 7 directors, including 3 executive directors, 1 non-executive director and 3 independent non-executive directors. With different experiences and backgrounds, the directors have rich experience in corporate management, product innovation and capital operation. They play an important role in improving our corporate governance capabilities and continuously achieving our strategic goals. For details about directors, please refer to the 2023 Annual Report of Great Wall Motor Company Limited.

Update of responsibilities of independent directors: In December 2023, the Company amended the working system of independent directors, requiring each independent director to present his/her work report at the general meeting and work on site at the Company for no less than 15 days each year. In addition, in order to guarantee the reasonableness and fairness of connected transactions, independent directors shall convene special meetings for consideration. The specification of the responsibilities of and performance of duties by independent directors played an active role in promoting the standard operation of the Company, protecting the legitimate interests of medium and small investors and facilitating the healthy and stable development of the capital market.

In 2023, the Company convened 10 shareholders' general meetings, 21 Board meetings, and 15 meetings of the Supervisory Committee.

The information disclosure work of the Company received a rating of B from Shanghai Stock Exchange in information disclosure assessment.

## COMMUNICATION BETWEEN SHAREHOLDERS AND INVESTORS

### Protecting the Rights and Interests of Shareholders

Since its listing of H shares in 2003 and A shares in 2011, the Company has been always attaching great importance to protecting the rights and interests of its investors by positively establishing a sound investor protection system.

During the reporting period, the Company strictly adhered to the requirements of regulatory authorities for information disclosure, and accurately and effectively disclosed four periodic reports and 398 interim announcements through the websites of the relevant stock exchanges and designated newspapers. The Company's timely, adequate, and complete information disclosure enabled the shareholders to obtain its latest development of business operations in a timely and complete manner. Meanwhile, the Company responded to investors' inquiries in a timely manner through the investor hotline, SSE E-interactive platform, the mini program "Building GWM (築長城)", an investor communication platform, and other means, effectively safeguarding the rights and interests of investors. In 2023, the Company's efforts on information disclosure was rated as Grade B by the Shanghai Stock Exchange in its information disclosure evaluation.

### Investor Relations Management

The Company has been promoting the continuous and steady production and operation in the principle of building vehicles with good faith since its listing. It was successively included in SSE 50 Index, CSI 300 Index, SSE 180 Index, SSE Composite Index, FTSE China A50 Index and other key indexes as sample shares and has garnered continued attention from domestic and overseas institutional investors, as well as medium and small investors for a long time. The Securities Investment Department of the Company formulated the Administrative Rules on Information Disclosure of Great Wall Motor Company Limited and the Administrative Rules on Investor Relations of Great Wall Motor Company Limited in line with the principles of legality, compliance and timeliness.

During the reporting period, the Company actively carried out investor relations management through diverse forms such as live broadcasting, online teleconferences, special communications at auto shows and investors' field research. The results presentation meetings after releasing the annual report and the interim report attracted a total of over 1,100 participants.

With the continuous achievement of the operating results of the Company in recent years, the attention of medium and small investors have been increasing. To enhance the communications with medium and small investors, the Company replied a total of 271 questions raised by investors through the SSE E-interactive platform and interpreted approximately 600 pieces of investor information through the special line for investors during the reporting period. In addition, the Company actively responded to the requirements of the China Association for Public Companies and organized 20 investor education activities so as to ensure that concerns of medium and small investors treated equally.

Reception of investor visits in total: 31

Teleconferences with investors: 208

Reception of investors in total: over 10,000 persons

In order to address the ever-growing concern on the sustainable investment in the international capital market, the Company has designed and implemented a set of comprehensive information disclosure and communication strategy for ESG-related matters, with an aim to have an in-depth discussion of the Company's performance in environment, social and governance with foreign investors.

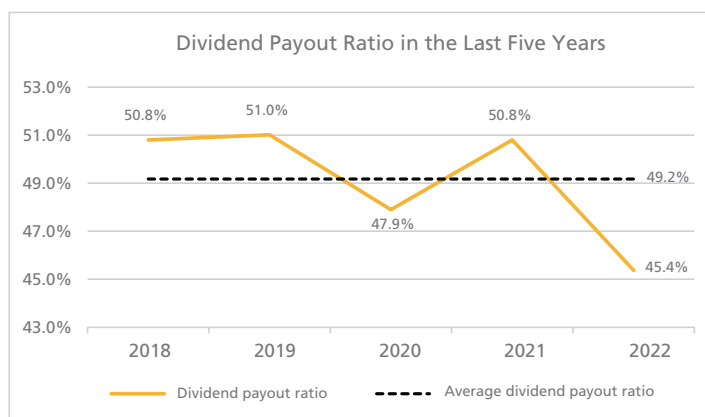
The communication process mainly includes the publication of detailed ESG reports, online conferences and one-on-one or collective roadshows, which aim to update international investors the substantial progress and long-term planning of the Company in energy saving and emission reduction, the performance of social responsibility and the optimization of corporate governance structure. Through those effective communication, the Company successfully attracted many long-term investors with ESG awareness and gained wide recognition in the capital market. As a result, the enhancement of the ESG rating and the increase in foreign capital inflows stabilized the Company’s shareholder base and further enhanced its brand image and the sense of social responsibility around the world.

### Shareholder Return

Since its listing, the Company has adhered to the principle of creating value for the society, generating returns for its shareholders and improving the well-being of its staff. It sincerely gives back to society, its shareholders and investors by always maintaining a stable and high cash dividend payout ratio.

During the reporting period, according to the profit distribution plan of 2022, cash dividends for the year ended 31 December 2022 were paid to all of the shareholders in an amount of RMB0.30 (tax inclusive) per share with the total share capital of the Company as at the record date for the profit distribution less the total number of A shares in the specific securities account for repurchase of the Company as the basis of cash dividend distribution (namely 8,454,899,073 shares), amounting to cash dividends of RMB2,536,469,721.90 in total. The Company also invested RMB1.214 billion on repurchase of A shares of the Company in the same year for the purpose of its employee stock ownership plan. The amount of total dividends distributed by the Company in 2022 accounted for 45.37% of the net profit attributable to the Company in 2022 after considering both cash dividends and the amount of the repurchased A shares. The Company proposed to distribute cash dividends for the year ended 31 December 2023 to all of the shareholders in an amount of RMB0.3 (tax inclusive) per share with the total share capital of the Company as at the record date for implementation of the profit distribution less the total number of shares in the specific securities account for repurchase of the Company as the basis of cash dividend distribution.

The dividends distributed by the Company in the last five years are as follows:

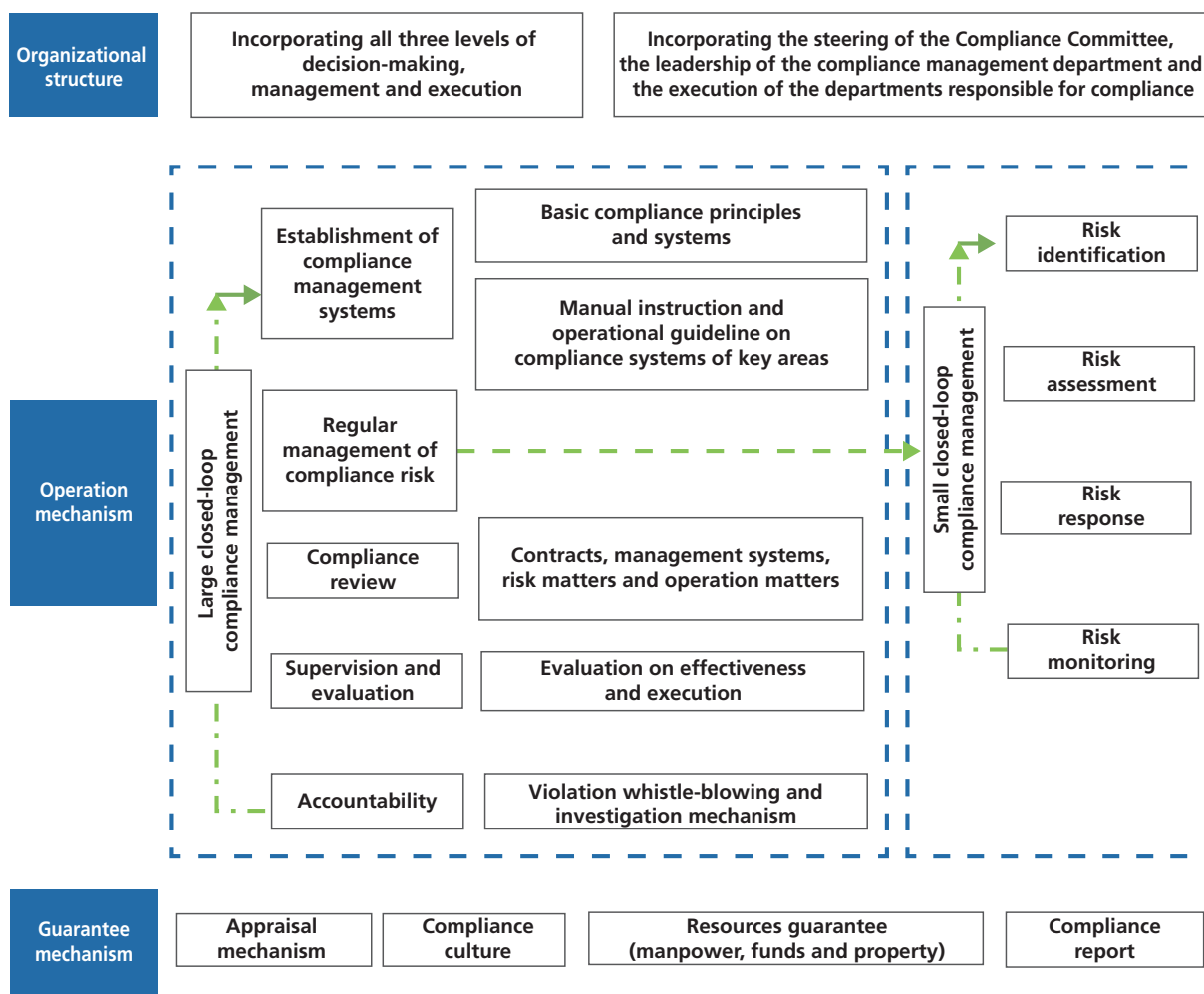


The average dividend payout ratio of the Company in the last five years is 49.19%, ranking among the top in the industry.

Note: The amount of cash dividends in 2022 includes RMB1.214 billion of the repurchased shares in 2022.

### Repurchase of H Shares

As affected by the surging inflation in overseas markets, the resurgence of the pandemic, geopolitical conflicts as well as the shortage of components in the automobile industry, insufficient transport capacity, the lower-than-expected consumption and other factors, the stock price of the Company fluctuated significantly in 2022. To protect the interest of its investors and based on its confidence in the future sustainable development, the Company simultaneously repurchased its H shares from the Hong Kong stock market. In 2022 and 2023, the Company totally invested RMB5.558 billion and RMB1.951 billion on repurchase of H shares, respectively.



## RISK CONTROL AND COMPLIANCE MANAGEMENT

To achieve the goal of international strategy, prevent and resolve global compliance risk and assist the identification of business opportunities, Great Wall Motor continuously optimizes the global compliance management system and develops international competitiveness to support the high-quality growth of global business. By using the theory of three lines of defense as the foundation; the management mentality of risk awareness as the guidance, compliance as the bottom line and internal control as the starting point, the Company has established a compliance management system with improving its organizational structure, operation system and assurance mechanism as the management logic.

With respect to establishment of organs, the Company has established a risk control and compliance management mechanism steered by the Compliance Management Committee, led by the Compliance Management Office, and assisted and supported by relevant departments responsible for compliance, so as to give full play to the role of the Compliance Management Office in coordination, arrangement, promotion, supervision and implementation, and stress the primary responsibilities of the departments responsible for risk control and compliance and the vertical penetration of compliance management to ensure the effective operation of the system.

With respect to operation mechanism, the Company has formed a regulatory system with the Global Compliance Management System and the Universal Global Compliance Manual of Great Wall Motor as the framework, the compliance organization and management system and the compliance operation and management system as the core, supporting operation and assurance mechanisms as the foundation and special guidelines for numerous key compliance areas (such as data compliance, export controls and sanction regulations and antimonopoly) as supplements, and it has implemented risk management at each organization, department, position and role through operation mechanisms on regular risk investigation, compliance review, evaluation on compliance effectiveness and violation investigation, and continuously improved compliance management system to ensure the effective implementation of compliance requirements and closed-loop management.

With respect to compliance guarantees, the Company focused on the improvement of the compliance culture building and the digital and intelligent compliance building. Meanwhile, it guaranteed the operation of the compliance system with compliance appraisal and evaluation as monitoring means and provided strong supports to the operation of the compliance system. Details are as follows:

With respect to compliance culture and empowerment, to enhance employees' awareness of compliance and prevent compliance risks, Great Wall Motor has published its compliance statements on its official website, demonstrating its compliance attitude. It also incorporated compliance commitments and terms into labour contracts and cooperation contracts with business partners and strictly managed its compliance ecosystem. Meanwhile, it provided internal trainings, thematic forum, trainings for senior management, drills on special issues and joint conferences of compliance organizations to enhance compliance awareness and professional skills of leaders, staff at key positions and all employees, forming a clean and upright compliance culture of the Company.

With respect to intelligent compliance construction, to effectively prevent and control global risks, Great Wall Motor has established a global legal affairs, risk control and compliance platform through information and intelligent means, fully covering its legal, risk control and compliance business. It has incorporated compliance requirements into the business process through information means and devoted to the target of "integrating identification and prevention". It introduced big models of AI and other intelligent instruments to achieve online identification, evaluation and control of compliance risk and support the timely alarming and rapid response to global compliance risk through big data and other means.

With respect to compliance appraisal and evaluation, the Company incorporates compliance evaluation into the performance appraisal on senior management of the Company with correlation to personal performance. It urges the senior management and all staff of the Company to hold on to the bottom line of compliance and carry out businesses safely in compliance with regulations to guarantee the quality development of businesses.



## INTEGRITY BUILDING

The Company operates in compliance with relevant national laws and regulations by observing them, upholds the basic principles of integrity and honesty, resolutely prevent corrupt acts, and strives to create a fair, impartial, simple and transparent workplace and cooperative environment. It also continues to strengthen risk management, enhance integrity awareness of all employees in their work, build a corporate brand image of integrity and honesty, promotes excellent corporate culture and spreads a positive attitude in our society, assisting the implementation of global strategy and contributing to social development and progress.

### (I) Improving the working organ for combating corruption and promoting integrity with strengthened leadership

The Company has set up an independent Anti-corruption Committee, with the Chairman serving as the director of the committee which is mainly responsible for setting targets for integrity building of the Company, assigning relevant tasks and steering integrity building in the right direction. A disciplinary panel was set up under the committee to mainly take charge of the Group's construction of an integrity system, including formulating, maintaining and improving relevant measures, receiving whistleblowing information from employees/related parties, conducting investigations and imposing penalties, as well as supervising key integrity-based positions and conducting integrity education at various levels. Meanwhile, given the Company's strategy of developing globally, supervision and audit organs have closely followed the development pace of the Company, continuously evolved and innovated and networked supervision and audit systems have been set up at home and abroad in various countries and regions featuring mutual collaboration, assistance and check and balance.

### (II) Laying emphasis on integrity education and creating a culture of anti-corruption and integrity

Competition among enterprises also means competition for talents. Employees are required to sign the Integrity Commitment when they enter into or renew their contracts. We have courses on orientation education, promotion education and special education for different stages of employees' careers, mainly carried out through various means including training, pre-job testing, video teaching and outreach activities. In 2023, we conducted over 80 sessions of integrity education courses. There were over 5,600 participations by relevant personnel in online and offline integrity education, including 4 lectures on integrity culture for senior staff (including Directors) with over 140 participations. We arranged special education testing and assessment with more than 50,000 participations in total during the year. We also encouraged employees to learn and conduct self-testing independently online, and there were over 100,000 participations by employees of various levels in conducting self-testing through the information technology platform in 2023. Different types of integrity courses for all stages of careers were made available to all employees. The Company encouraged all employees to participate in anti-corruption and integrity training. At the same time, we continue to share internal cases and related training content through various channels such as the Group's portal website and supervision notices to timely communicate to all employees the Company's anti-corruption stance and related requirements and encourage all employees to join the construction of corporate anti-bribery management system.

The Company sticks to innovative model in the dissemination of an integrity culture, encouraging employees to actively participate in such initiatives through co-creation by all employees. It also continuously leverages its self-media accounts to promote Great Wall Motor's culture of integrity to society, so as to jointly advance the construction of integrity culture and create the Great Wall Motor' integrity brand. As of now, the "Great Wall Integrity" (廉潔長城) account on WeChat had over 210,000 followers, with a total of 1,387 articles created. In 2023, 70 original articles were pushed, using various formats such as images, videos, text, and cartoons to facilitate seamless communication with employees, stakeholders, and all walks of society. The account "Great Wall Integrity" (廉潔長城) account on Douyin had over 15,000 followers, with 76,000 likes and 292 videos published. In 2023, 96 original videos were posted, with several receiving over 100,000 views. This widespread acceptance from all walks of society has embedded integrity culture in people's hearts, furthering the dissemination of the Company's integrity brand and promoting societal progress.

### (III) Improving polices and measures to regulate anti-bribery management

Against the backdrop of escalating risks, Great Wall Motor continuously strengthens risk management and control in a drive to make anti-corruption and integrity management more regulated, systematic and scientific. It set up a comprehensive Integrity Policy by non-stop exploring and perfecting, which was promulgated in 2008. The content of such policy is adjusted in a timely manner based on aspects such as the Company's strategic development and business philosophy. As of 2019, 5 revisions have been made. Upon its implementation of international strategy and with a view to boosting its international influence and competitiveness, it continues to vigorously develop an anti-bribery management system. In 2021, on the basis of its Integrity Policy, Great Wall Motor carried out comprehensive upgrade, and completed the formulation of its anti-bribery management system, which passed authoritative third-party certification and verification, and obtained the ISO 37001 — Anti-bribery management systems certificate, making it the first car manufacture to obtain such certificate in China, and further providing strong support and assurance for strategy of going global of Great Wall Motor. In addition, in order to meet the compliance requirements in the international markets, Great Wall Motor has custom-developed an integrity policy applicable to overseas organizations after considering its global business development and based on anti-bribery management system standards, creating a diverse and integrated anti-bribery management system across its various entities to ensure the smooth operation of its businesses activities.

In terms of corruption prevention, Great Wall Motor conducts multidimensional analysis of corruption risk points before and during business operations, providing input for the Company to deploy corruption risk prevention work in advance. Before formal cooperation, it will conduct anti-bribery investigation on specific transactions, projects, and business partners with bribery risks to avoid a cooperation with hidden risks. During cooperation, regular bribery risk assessments will be conducted to identify areas and positions with corruption risks. The Company formulates management measures based on the risk level, and continuously improves various systems and processes to ensure efficient business operations. It also carries out internal audits to expose internal and external business risk vulnerabilities, and builds a digital audit model based on the Group's information system to target suspected key risks in key business areas, achieving online, automatic, and targeted early warning monitoring functions. This has enhanced the targeting of audit business, providing decision-making basis for management, and reducing bribery risks. For those in key positions relating to integrity, such as procurement and tendering personnel, the Company implements regular job rotation to prevent corruption arising from long tenure. In business dealings and business reception, the Company stipulates the number of persons received and the reception locations, upholding the principles of openness and transparency to avoid improper acts. According to statistics, 573 bribes were denied in 2023. Since 2008, the Company has refused a total of 2,525 bribes, with a maximum of RMB350,000 refused in a single incident. Employees at all levels handed in approximately 176,000 gifts in total, and 97 employees were named Models of Integrity and Self-discipline.

As for the protection of the rights and interests of business partners, the Company signs a Sunshine Agreement with each supplier as a precondition for cooperation and continues to update and improve the contents of the agreement based on compliance requirements to regulate the integrity of both sides in their conduct. Meanwhile, the Company continuously spreads integrity culture through publicity, business communications and sending letters of notice to business partners, advocates integrity and compliance operation, safeguards the interests of business partners and maintains a fair, impartial, simple and transparent cooperation platform to build a symbiotic ecosystem offering mutual benefits.

Great Wall Motor undertakes its social responsibility as an industry player and spreads a positive attitude. In 2016, it updated the Untrustworthy List and established the Sunshine Integrity Self-Service System, making it an information platform available for the public to enquire about untrustworthy and rule-breaking persons and untrustworthy enterprises. In 2023, the Company comprehensively upgraded the Sunshine Integrity Self-Service System by making deeper cooperation with more enterprises to upgrade the autonomous input function, by which each partner can input information about untrustworthy enterprises and individuals by itself, achieving information interconnection and communication and resources sharing. A total of 637 collaborators have been listed on the Untrustworthy List due to corruption, dishonesty and other behavior since 2008, of which 34 collaborators were listed on the Untrustworthy List in 2023.

Great Wall Motor joined the Enterprise Anti-Fraud Alliance in September 2018 and its status was advanced to a vice president member in 2023. It also actively commits itself to anti-fraud initiatives of the Enterprise Anti-Fraud Alliance and makes every effort to join hands with all members to build a corruption-free business environment by sharing lists of dishonest and untrustworthy persons and anti-fraud experience and providing effective information and technology input to help create a green, healthy and cooperative business environment.

#### (IV) Strengthening anti-corruption discipline to guard against and punish corruption

Great Wall Motor implements a zero-tolerance policy towards outright corrupt acts such as offering and taking bribe, and cracks down on soft corrupt acts such as breach of duty, dereliction of duty, buck-passing, forming cliques and acting fraudulently. Once found, these corrupt acts will be dealt with strictly according to the Integrity Policy, and those suspected of violation of the law will be promptly referred to judicial authorities for legal accountability. In 2023, 4 persons were referred to the judicial authorities due to commitment of suspected illegal acts and crimes, and judgments were handed down in accordance with the law.

To enable early identification and handling of corrupt acts with supervision by all employees and related parties, a variety of whistle-blowing channels have been established, including QQ, hotline, email, and WeChat. The Whistleblower Information Management Platform was officially launched and put into operation in 2012. All received reports are managed by role and authority via such system, ensuring the security of whistleblower information from receipt, distribution, investigation, to archiving, and achieving a 100% closed-loop management. The Company continues to develop a faster and safer whistle-blowing information management platform to facilitate all employees and related parties achieving fast whistle-blowing. In May 2022, the Company launched "Great Wall Integrity" (廉潔長城) WeChat mini program for online reporting, to make corrupt acts fully exposed, investigated and dealt with as early as possible through the joint efforts of all employees and supervision by multi-parties. At the same time, to protect the rights and interests of whistle-blowers from being infringed, the Company has formulated strict management requirements. For example, no one may investigate or disclose the information of the whistleblower, or retaliate or instigate others to retaliate against the whistleblowers and their relatives. If there is a direct termination of the labour contract in violation of the law, legal responsibility shall be pursued in accordance with the law.

Mailbox for Reporting: gwlianjie@163.com

Anti-corruption will never end. On anti-corruption, Great Wall Motor will advance a "not daring to corrupt, not able to corrupt and not wanting to corrupt" atmosphere, adhere to corruption-free and self-disciplined practices, honest, trustworthy and compliant operations, work with a wide variety of outstanding enterprises and users under the theme of win-win benefits to resolutely undertake its social responsibility with integrity in mind and spread a positive attitude in our society.

## PARTY BUILDING

2023 is the first year for fully implementing the spirit of the 20th National Congress the CPC. The Party committee of Great Wall Motor fully put into practice the spirit of the 20th National Congress the CPC, consolidated and deepened the results of themed education, advanced the deep integration of Party building with the operations and development of the Company and promoted the scientific and steady development in the long term under the leadership of high-quality Party building.



In 2023, the Party committee of the Company carried out a series of more specific and focused party-building activities to further build demonstration examples of non-public enterprises in Party building, strengthen the vitality and influence of Party building and promote the deep integration of Party building with culture building and business operation. The Company conducted themed education on studying and implementing Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era and visited grass-roots sites to promote development with practice. It facilitated the improvement of standards through “Pioneer Positions of Party Members”, “Demonstration Positions of Party Members” and other incentive measures, identified, selected and cultivated advanced representatives at different positions, explored specific highlights, displayed their demonstration and leading roles and built a talent team with common career goals and passion for struggle to drive the sustainable development of the enterprises in the long term. It distributed calendars with the theme of Party building, notebooks and other souvenirs on culture building, which displayed the role in publicity and education and shortened the distance between Party organizations and Party members.



In 2023, under the leadership of the labour union, the Communist Youth League and the Women’s Federation, the Party committee of the Company carried out a series of party-building activities in which all Party members participated, including the publicity of Party building knowledge in communities, offering coolness in summer, the recitation of revolutionary work for celebrating the Party’s birthday, visiting revolutionary bases, holding the sodalities for single workers, organizing creative health campaigns themed “sports for health” and poetry contests. In the future, the Party committee of the Company will continue to follow policies, build bases and serve primary staff to constantly promote the high-quality development of non-public enterprises in Party building.



In the future, Great Wall Motor will always adhere to the car-making bottom line and core values of “integrity, equity and conscience”, work harder and make further improvements. Guided by a series of major policies of the Party and the central government, Great Wall Motor will embark on a new journey of building a strong power and achieving the great cause of national rejuvenation with strugglers from all walks of life, bolster confidence, move forward with perseverance and make its contributions to the grand blueprint on modernization with Chinese characteristics.

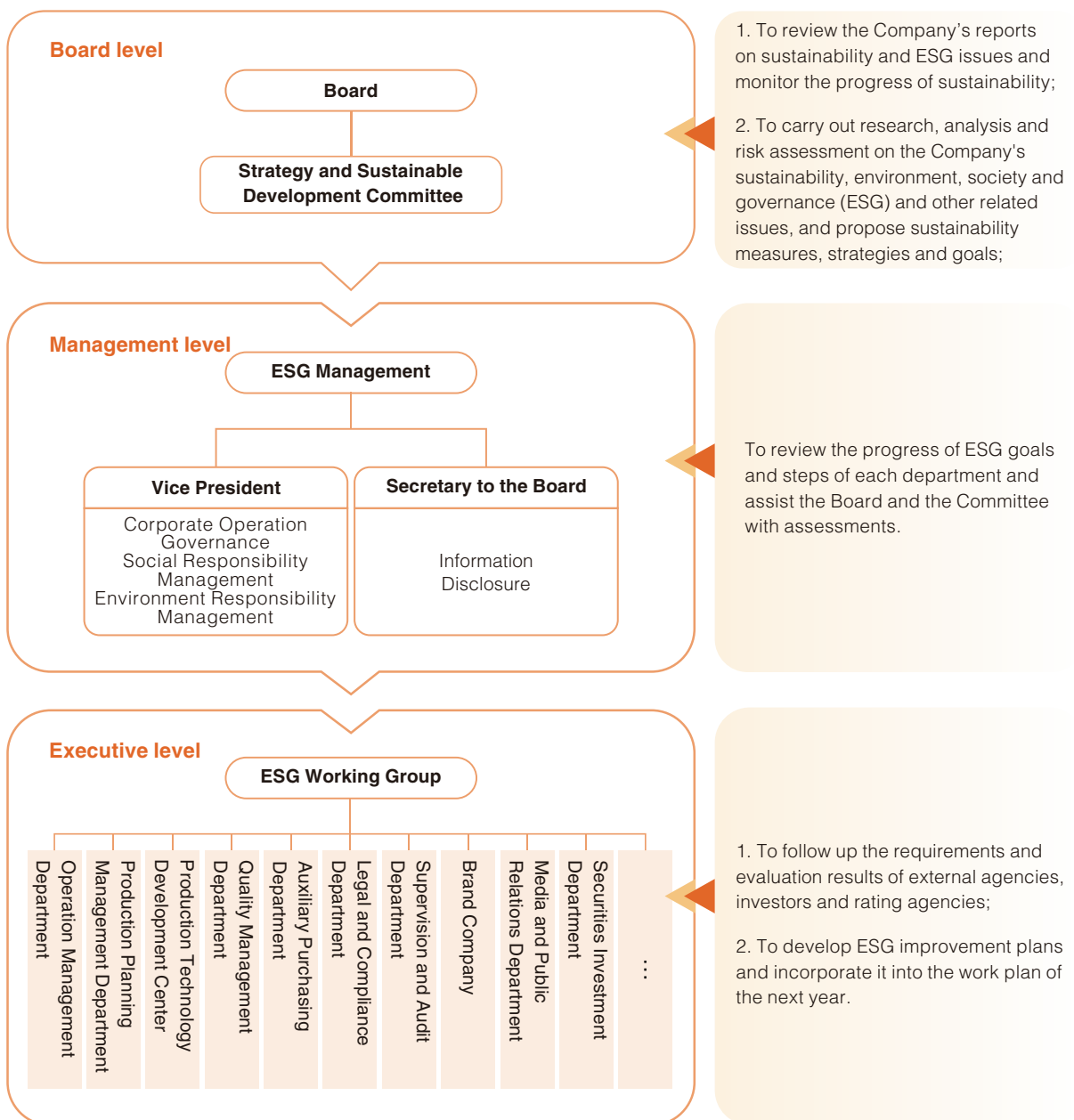


# ESG MANAGEMENT

## I. ESG GOVERNANCE PHILOSOPHY

### ESG Governance:

Great Wall Motor establishes a top-down ESG management architecture, under which the Sustainable Development Committee is responsible for supervising ESG related matters as authorized by the Board, and responsibilities of various departments are further specified to improve corporate governance level.



In 2023, the Company was awarded the following external ESG-related awards:



### Statement of the Board of Directors

On 31 December 2021, the Board approved the establishment of the Strategy and Sustainable Development Committee. The Company attached great importance to ESG-related matters. During the reporting period, the Company made the following progress in ESG:

- ① During the reporting period, the Company discussed with at least 7 intermediary institutions with rich ESG experience, proposing corresponding improvement measures to the weaknesses of the Company and aiming to build an intelligent company with sustainable development.
- ② In June 2023, the Company adopted the cumulative voting system in electing directors and supervisors and fully guaranteed the independence of the Company and the interests of shareholders. Two non-executive directors were replaced.
- ③ External ESG experts were invited to provide in-depth training for ESG managers and team members, and several on-site or online ESG training sessions on global ESG trend, ESG’s value to enterprise development, domestic and international ESG regulatory policies were organized.

The Board of Directors (the “Board”) of Great Wall Motor is the highest authority and decision-making body for ESG matters. It is responsible for reviewing the Company’s sustainable development and ESG related reports, monitoring the progress of sustainable development. The Strategy and Sustainable Development Committee under the Board is responsible for studying ESG matters and providing opinions and suggestions for the Board’s decision-making reference.

The main responsibilities of the Strategy and Sustainable Development Committee are: to carry out research, analysis and risk assessment on the Company’s sustainability, environment, society and governance (ESG) and other related issues, and propose sustainability measures, strategies and goals; to organize or coordinate the supervision and inspection of the Company’s sustainability and ESG policies, management and performance and the progress of related goals, and give advice accordingly; and to review the Company’s reports on sustainability and ESG issues, and report to the Board. For details, please refer to the Management Measures of the Strategy and Sustainable Development Committee of Great Wall Motor Company Limited released on 31 December 2021.

Based on the analysis of industry dynamics and competitive landscape and its sustainability strategy, the Company identified material ESG issues and future opportunities and challenges of the industry with reference to the disclosure requirements of regulators, international reporting standards, industry policies and development trends, and key rating concerns of capital market, and took the improvement of the Company’s ESG management as the annual priority for sustainable development.

The main discussion contents of the Strategy and Sustainable Development Committee in 2023 are as follows:

1. The Company's future management policy
2. The Company's research and analysis on sustainable development, and putting forward the next countermeasures
3. The Company's objectives and annual review on energy saving, carbon reduction and emission management
4. Discussions on other important topics: supply chain management and corporate governance
5. Reviewing the ESG report of the Company

In addition, the Board also gives full play to its functions in areas such as ESG reporting, assessment of ESG risks and progress. The Board regularly tracks, reviews and takes follow-up actions on the fulfillment of targets related to important ESG issues, so as to respond to the gaps and opportunities between current progress and expected targets and ensure the precise and continuous implementation of the Company's policies.

This report discloses in detail the progress and results of Great Wall Motor's ESG efforts in 2023, and was considered and approved at the 12th meeting of the eighth session of the Board on 28 March 2024.

## II. MANAGEMENT OF MATERIAL ISSUES

### 1. Identification of stakeholders

The Company identifies stakeholders who have the power of decision and influence on the Company according to its business scope and nature of production and operation.

### 2. Identification of issues

Based on the analysis of industry dynamics, competitive landscape and corporate sustainable development strategy, the Company has gained an understanding of stakeholders' demands after interviews and investigations and identified 29 material issues that may directly or indirectly affect its business with reference to the disclosure requirements of regulators, international standards for reporting and disclosure, industry policies and development trends, important factors of capital market rating, etc.

When identifying material issues, we focus on the following factors:

- (1) Internationally accepted standards, rules and guidelines: including the standards for material issues of the automotive industry in the Materiality Map of SASB, the GRI Standards and the Environmental, Social and Governance Reporting Guide of the Hong Kong Stock Exchange, for preliminary screening of material issues;
- (2) Interests and expectations of stakeholders: we will be able to understand the interests and expectations of internal and external stakeholders of the Company through interviews with and survey on stakeholders such as shareholders, employees, suppliers, local communities and social institutions;
- (3) Peer benchmarking: we benchmark against peers and conduct analysis on the major issues identified by peers and competitors as well as opportunities and challenges in the industry in the future;
- (4) Corporate strategy and development: we select material issues in line with the Company's development in accordance with its own strategy, business, operation and management system, and values;
- (5) Important factors of capital market rating: we conduct analysis on the material issues MSCI ESG is concerned about on the automotive industry and supplement the key issues.

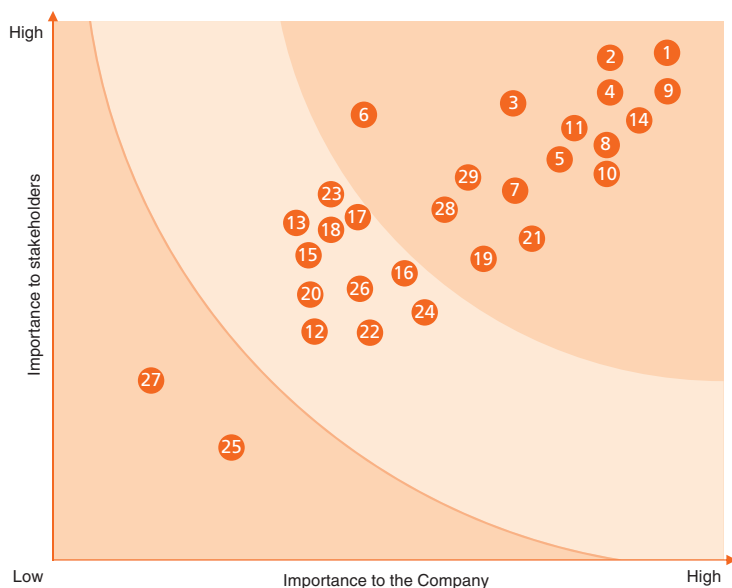
### 3. Assessment of issues

In 2023, the Sustainable Development Working Group of the Company has gained an understanding of the materiality of issues concerned by stakeholders through interviews and questionnaires on the relevance and importance of sustainability issues, and arrived at a matrix of material issues by ranking and preliminary assessment.

#### 4. Analysis and verification of issues




The Company has established a panel of experts from each department of the Group to make a final decision on the assessed and ranked material issues and arrived at the matrix of material issues which serves as an important basis for improving operation and management and for preparing this report.





**Materiality Matrix of Core Material Issues in 2023**





## Communications with Stakeholders

Stakeholders	Issues of Concern	Ways of Communication and Feedback	Responses of the Company or Chapter of the Report the Responses Included in
 <p>Government and regulators</p>	<ul style="list-style-type: none"> <li>7. Strategies to reduce carbon emissions</li> <li>8. Economic growth</li> <li>12. Reducing pollutant emissions from production</li> <li>14. Clean technology development strategy</li> <li>23. Addressing climate change</li> </ul>	<ul style="list-style-type: none"> <li>Social media, press conference, information disclosure</li> <li>Daily management, supervision and inspection, communication between government and enterprise, meeting communication, project cooperation</li> <li>Questionnaire survey</li> <li>Project cooperation</li> <li>Information disclosure, questionnaire survey</li> </ul>	<ul style="list-style-type: none"> <li>Carbon Neutrality Progress</li> <li>Company Overview</li> <li>Emissions Management</li> <li>Technological Innovation and Sustainable Development</li> <li>Coping with Climate Change</li> </ul>
 <p>Shareholders and investors</p>	<ul style="list-style-type: none"> <li>8. Economic growth</li> <li>14. Clean technology development strategy</li> <li>16. Corporate governance and risk management</li> <li>18. Business compliance</li> <li>1. Product quality and safety performance</li> <li>23. Addressing climate change</li> </ul>	<ul style="list-style-type: none"> <li>General meeting</li> <li>Results presentation</li> <li>Regular information disclosure</li> <li>Daily emails and phone calls</li> <li>Daily emails and phone calls</li> <li>Instant messaging, email feedback</li> </ul>	<ul style="list-style-type: none"> <li>Company Overview</li> <li>Technological Innovation and Sustainable Development</li> <li>Risk Control and Compliance Management</li> <li>Risk Control and Compliance Management</li> <li>Technological Innovation and Sustainable Development</li> <li>Coping with Climate Change</li> </ul>
 <p>Customers</p>	<ul style="list-style-type: none"> <li>1. Product quality and safety performance</li> <li>4. Customer service quality</li> <li>5. Protection of customers' rights</li> <li>9. Product innovation and R&amp;D</li> </ul>	<ul style="list-style-type: none"> <li>Company website</li> <li>Offline activities</li> <li>Official WeChat and Weibo accounts and telephone</li> <li>Market surveys</li> </ul>	<ul style="list-style-type: none"> <li>Technological Innovation and Sustainable Development</li> <li>Protecting the Rights and Interests of Customers</li> <li>Protecting the Rights and Interests of Customers</li> <li>Technological Innovation and Sustainable Development</li> </ul>

Stakeholders	Issues of Concern	Ways of Communication and Feedback	Responses of the Company or Chapter of the Report the Responses Included in
 Suppliers/partners	13. Managing environmental and social risks in the supply chain	Site surveys	Supply Chain Management
	19. Identifying key suppliers	Quality communication meeting, supplier training, supplier review	Supply Chain Management
	29. Managing pollution and waste	–	Emissions Management
 Industry/associations	9. Product innovation and R&D	Online and offline activities	Technological Innovation and Sustainable Development
	10. Protecting intellectual property rights	Forum exchanges	Technological Innovation and Sustainable Development
	14. Clean technology development strategy	Forum exchanges	Technological Innovation and Sustainable Development
	26. Promoting industry development	Online and offline activities, forum exchanges	Investor Relations Management
 Employees	2. Safe production	Instant messaging, online platform, labour union	Health and Safety
	3. Attracting and retaining talents	Instant messaging, online platform	Talent Development
	6. Protection of employees' rights	Instant messaging, online platform, labour union	Employee Welfare and Care
	28. Occupational health and safety	Instant messaging, online platform, labour union	Health and Safety
	15. Staff training and development	① Questionnaire survey on annual training ② Staff training (including online learning platforms) ③ Survey on the satisfaction of training	Talent Development
 Public/community	12. Reducing pollutant emissions from production	Phone calls, face-to-face Q&A, written reply	Emissions Management
	23. Addressing climate change	Social media, official website	Coping with Climate Change
	27. Hosting activities for public causes	Instant messaging, online platform	Social Causes



## ENVIRONMENTAL RESPONSIBILITY

### ENVIRONMENTAL MANAGEMENT SYSTEMS

The Company actively develops and improves environmental management systems and passed the certification under the environmental management systems (ISO14001:2004) for the first time in 2008. In 2023, the Company completed the license renewal audit under the management systems (ISO14001:2015) through the appointment of a third-party institution, guaranteeing the appropriateness, adequacy and effectiveness of the environmental management systems in the Company.

The Company formulated the Management Standards on Sewage Discharge, the Environmental Management Standards on Exhaust Treatment Facilities, the Management Rules on Hazardous Waste and other environmental management rules pursuant to the ISO 14001 systems to standardize the emissions of wastewater, exhaust and hazardous waste from the production process of the Company and minimize environmental pollution. In order to enhance the capability to respond to environmental emergencies, we formulated the Proposal on Environmental Emergencies to better monitor potential risks on the disposal of exhaust, wastewater and hazardous waste.

### COPING WITH CLIMATE CHANGE

Climate change is a common challenge in the world and is leading China in entering the new stage of green development. Since the releasing of the “3060” carbon peaking and carbon neutrality policies by China, Great Wall Motor quickly responded to and actively assumed responsibility to mitigate climate change, and facilitated emission reduction across the society with the assistance of industry chain.

In 2022, the Company established a carbon neutrality management system to promote the construction of the carbon neutrality system throughout the Company in accordance with the “Carbon Neutrality Management Regulations”. In 2023, the Company gradually improved the technological and management standards in the dual-carbon management system based on the requirements of domestic and overseas policies and regulations as well as practices in business sectors of the enterprise, and promoted the orderly progress of carbon emission reduction in all industries with systematic and standardized models. Meanwhile, the Company made further disclosures in four aspects – governance, risk management, strategies, and indicators and goals in accordance with the TCFD-recommended framework.

#### ① Governance

##### Committee’s oversight of climate-related risks and opportunities

In 2023, Great Wall Motor continuously carried out strategic planning in accordance with the Administrative Rules for Strategy and Sustainable Development Committee while full guaranteeing the autonomous operation of all business segments in combination with the development of the Company.

The Strategy and Sustainable Development Committee is a special committee under the Board and the deliberative body for the Company’s strategy and sustainability. The Committee is responsible for carrying out research, analysis and risk assessment on the Company’s sustainability, ESG and other related issues, and proposing sustainability measures, strategies and goals; organizing and coordinating the supervision and inspection of the Company’s sustainability and ESG policies, management and performance and the progress of related goals, and giving advice accordingly; reviewing the reports on the Company’s sustainable development and ESG issues and reporting the same to the Board.

### Management's role in assessing and managing climate-related risks and opportunities

- ① The Strategy and Sustainable Development Committee preliminarily makes advice on the Company's development strategy based on the analysis of external environment and internal resources and capabilities;
- ② The Operation Management Department monitors the implementation of the strategy, regularly collects and analyses relevant information, and reports any deviation from the strategy to the Strategy and Sustainable Development Committee in a timely manner;
- ③ The Operation Management Department organizes a performance analysis meeting every quarter and a strategic inquiry meeting every year to conduct phased strategic evaluation and review.

### ② Strategies

We identify climate risks and potential opportunities, integrate climate risks into the Company's risk management, and gradually promote climate risk assessment.

### Climate change risks that have a material impact on the Company

Policy and regulatory risk – impact of dual-control policies on carbon emissions, carbon quota and export policies

Technical risk – low-carbon technology and automotive industry chain

Market risk – low-carbon products, non-renewable energy and low-carbon energy

Risk Category		Risk Description	Countermeasures
Transition risks	Policy and regulatory risk	<ul style="list-style-type: none"> <li>• With the gradual implementation of dual-carbon policies and if dual control on energy shifts to dual control on carbon emissions, it will raise higher requirements on enterprises and increase the pressures on energy saving and emissions reduction;</li> <li>• With the expansion of the carbon market, enterprises in pilot areas may be included in the carbon market management. Currently, Tianjin Haval Branch and Chongqing Branch of the Company were included in the regional carbon market. The Company will face additional performance costs if the standards on quota allocation become stricter;</li> <li>• Under the strategy on global layout, the export business will face more compliance requirements and the risk on cost increases.</li> </ul>	<ul style="list-style-type: none"> <li>• Strengthen prior management, implement appraisal and review on carbon emissions for new, modified and expanded projects, and promote the reduction of energy consumption and carbon emissions of investment projects from the source;</li> <li>• Continue to carry out energy-saving and carbon reduction projects to reduce carbon emissions from product manufacturing and factories;</li> <li>• Entities included in the carbon market gradually reduce the intensity of carbon emissions from factories through the introduction of recyclable energy, process optimization and other measures to avoid performance risks;</li> <li>• Continue to trace carbon footprint of products and conduct the R&amp;D of low-carbon technology and materials to meet regulatory requirements on export.</li> </ul>

Risk Category		Risk Description	Countermeasures
	Technical risk	<ul style="list-style-type: none"> <li>Under the guidance of dual carbon policies, the demand for new energy vehicles will increase and it is urgent to speed up in low-carbon transformation. Investment in the R&amp;D of product technology will increase.</li> <li>As the automobile manufacturing industry chain is complicated, advance arrangement for the development of low-carbon products and resources is required, and the launch of low-carbon vehicles needs the synergy of the supply chain.</li> </ul>	<ul style="list-style-type: none"> <li>Accelerate the R&amp;D and utilization of new energy products, and gradually increase the proportion of new energy products in products;</li> <li>Carry out evaluation on low-carbon suppliers and reserve low-carbon supplier resources through multi-dimensional evaluation;</li> <li>Deepen the development and use of green parts with the characteristics of low carbon, lightweight and remanufacturing;</li> <li>Rely on the clean development of the upstream basic industry and the low-carbon transformation of the supply chain, reduce the carbon footprint of vehicles and develop a new generation of automobile products with ecological and low-carbon attributes.</li> </ul>
	Market risk	<ul style="list-style-type: none"> <li>The new energy industry is under vigorous development with rapid technological R&amp;D, update and iteration of new energy products. It will affect the competitiveness of their products if enterprises lag behind;</li> <li>With the continuous rise in the price of non-renewable resources, customers' choice for vehicles will change, and the sales of traditional ICE vehicles may be affected.</li> <li>Under the background of low-carbon transformation of enterprises, the demand for low-carbon energy will increase and the energy cost faces the risk of increase.</li> </ul>	<ul style="list-style-type: none"> <li>Increase investment in research and development of new energy technology to expand the market share of new energy vehicles and continuously improve the competitiveness of the Company's products;</li> <li>Continue to focus on the new energy sector, speed up in renewing the new energy product matrix and create products with market competitiveness with a user-centric philosophy and market-oriented technology;</li> <li>Deploy on the sales network of new energy vehicles. Haval's new energy products adopt an independent sales network, "Haval Dragon Network";</li> <li>Carry out energy replacement, reserve low-carbon resources and introduce them in due course.</li> </ul>
Physical risks	Acute risk	<ul style="list-style-type: none"> <li>Worsening climate change may lead to extreme weather and other major events. Extreme weather will affect the production and operation of the Company and the stability of supply chain.</li> </ul>	Reasonably arrange supply after taking into account characteristics of the production site of the factory and considering special weather reasons to mitigate the impacts of abnormal weather.
	Chronic risk	<ul style="list-style-type: none"> <li>The Company's production is compromised and punctual order delivery cannot be guaranteed, which has a negative impact on the Company's reputation.</li> </ul>	

### ③ Risk management

Great Wall Motor integrates climate-related risks identified into the Company’s risk management. The Strategy and Sustainable Development Committee of the Company carries out research, analysis and risk assessment on the Company’s sustainability, environment, society and governance (ESG) and other related issues, and propose sustainability measures, strategies and goals; and includes the risks identified into the Company’s policy management to comprehensively promote the realization of strategies and targets.

### ④ Guideline and targets

As a pioneer in the green development of the automotive industry, Great Wall Motor actively responds to the long-term strategies on national “dual-carbon” targets. It announced that it will fully achieve “carbon neutrality” by 2045. To achieve its long-term strategic targets and comprehensive sustainable development, Great Wall Motor adheres to the concept of full lifecycle management on energy-saving and carbon reduction in various fields.

**In the R&D and design stage of vehicles,** Great Wall Motor deeply practices the concept of green development. With product R&D as the core and technological innovation as the means, it promotes the green development and construction of the enterprise in various dimensions and insists on building green and sustainable products. As a master work in the green journey, WEY Blue Mountain integrates the low-carbon and environmental-friendly design concept into the full lifecycle. It reduced carbon emission from the source through the lightweight design of vehicles, the application of low-carbon materials and their disassembly and recyclability. Meanwhile, it develops the highest hybrid DHT technology among vehicles at the same level, achieves carbon reduction at the user end and strives to develop green, low-carbon, healthy and environmental-friendly ecological vehicles.

**In the manufacturing stage,** the factories reduced carbon emissions in the production and manufacturing stage of vehicles through the innovation in production technology, the optimization of process and design, the alternative use of clean energy and the improvement of the production efficiency.

**In the scrapping and recycling stage,** Great Wall Motor actively fulfills the responsibilities as a manufacturer, participates in the establishment of the extended producer responsibility system on automotive products and promotes the sound development of the re-manufacturing industry to achieve the maximum use of resources.

In particular, the short-term targets for 2024 are set out below:



- **R&D:** to design products from a full life cycle perspective and to enhance the carbon emission standard system of vehicles according to domestic and international carbon footprint policies and regulations.



- **Production:** to reduce carbon emission intensity in the vehicle production phase by **16%** as compared to 2020 through process optimization, equipment upgrades, and the introduction of green energy.



- **Supply chains:** to continuously build green supply chains, to enhance suppliers’ capabilities in managing carbon emissions, and to complete the collection of carbon emission data for key components of major vehicle models.

## ⑤ Actions adopted for risk management

### Carbon reduction in the manufacturing stage

Great Wall Motor practices the philosophy of low-carbon manufacturing, actively advances all factories to identify projects for carbon reduction in dimensions such as technological improvement, energy saving and energy replacement. It adds review on carbon assessment in the initiation stage and introduces advanced processes and efficient equipment in newly-built factories to reduce carbon emissions from the source of production. Meanwhile, it continues to carry out production process optimization and energy replacement in old factories and achieves the low-carbon transformation of old factories from various aspects. Currently, many subsidiaries of Great Wall Motor have been awarded "Green Factories", "Green Supply Chains" and "Enterprises with Best Low-Carbon Practice in 2023".

**National Green Factories:** Chongqing Branch of Great Wall Motor Company Limited, Tianjin Haval Branch of Great Wall Motor Company Limited and Tianjin Branch of Nobo Automotive Systems Co., Ltd.

**National Green Supply Chains:** Jingcheng Engineering Auto Parts (Chongqing) Co., Ltd. and Honeycomb Power System (Chongqing) Co., Ltd.

**Provincial/Municipal Green Factories:** Honeycomb Power (Chongqing) Co., Ltd., Baoding Xushui Heat System Branch of Mind Electronics Company Limited and Jingcheng Engineering Auto Parts (Chongqing) Co., Ltd.

**Enterprises with Best Low-Carbon Practice in 2023:** Baoding Optoelectronics Branch of Mind Electronics Company Limited

#### 1. Use of renewable energy

Great Wall Motor expands the proportion of clean energy through increasing the installed capacity of distributed photovoltaics in factories. It initiated the construction of new distributed photovoltaic projects in North China, Central China, East China, Southwest China and other regions in 2023. As of the end of 2023, the Group's installed capacity of distributed photovoltaics reached 273MW, representing an increase of 25.8% as compared with the installed capacity in 2022. Meanwhile, Great Wall Motor improved the efficiency of distributed photovoltaic power generation and the consumption rate of photovoltaic power generation through increasing cleaning facilities for photovoltaic panels and equipping with energy storage facilities.

On the other hand, Great Wall Motor actively participates in green power trading in the power market. In 2023, it purchased green power of nearly 25,110,000 kWh in total and reduced carbon emissions by 14,300 tonnes.

#### 2. Continuously advancing energy saving and carbon reduction

Based on the Group's targets on carbon reduction, vehicle plants deeply implement the concept of lean production in daily production and reduce waste in the process. Meanwhile, they apply advanced process and efficient equipment, intelligent models and control, digital and coordinated management and other measures to improve the production efficiency and reduce energy consumption and carbon emissions in the manufacturing process.

##### ① Application of advanced process and efficient equipment

Through the improvement of the stamping efficiency, the introduction of low-temperature electrophoretic paint and the application of CP process and efficient equipment in the manufacturing process, the Company constantly improves the production efficiency in the manufacturing stage, reduces energy consumption and carbon emissions in production and manufacturing.

##### ② Intelligent models and control

The Company carries out refined control on equipment with energy consumption through automatic and digital means. In terms of energy supply, the Company improves the energy conversion efficiency and reasonably matches load demands to achieve supply and demand balance and eradicate energy waste due to excessive supply. In terms of energy use, the Company achieves intelligent startup and shutdown of equipment based on the production plan through improving intelligent control strategies and reduces non-load energy consumption. It also sets the energy-saving model to reduce energy use in non-production hours. Through balanced supply and demand and joint control at the energy supply and energy use ends, the energy use rate is significantly improved.

Stages	New process and new equipment	Energy conservation and carbon reduction
Process innovation/Efficient equipment	Improvement of stamping efficiency	The stamping efficiency was improved by 4.7% through the adoption of the composite molding design, structural adjustment (refined adjustment/simulation optimization) and the improvement of quality and stability (heat treatment/air cooling technology) and other measures.
	Application of low-temperature electrophoretic paint	The baking temperature can be lowered by 10°C and carbon emissions can be reduced by 207.185 tonnes/year through the introduction of low-temperature electrophoretic technology.
	Compact spraying process	The carbon emissions per vehicle were reduced by 7.54 kg/vehicle after upgrading on-site coating and cancelling the spraying of BC1 bottom paint.
	Upgrading and renovation of coating process and systems	<ul style="list-style-type: none"> <li>Old lines were upgraded and transformed with the B1B2 spraying process introduced and the floating coat baking room cancelled;</li> <li>The circulating air technology was applied in the wet spraying room with reference to the concept of reducing energy consumption with circulating air in the dry spraying room, expanding the proportion of the circulating air to 83.1% and reducing energy consumption in adjusting temperature and humidity to match cooling and heating through circulating air air-conditioning;</li> <li>It adopted traditional temperature control measures with cold and heat energy to replace the cold and heat energy generated from the use of hot pump technology, reducing energy consumption in production and carbon emissions by approximately 11,000 tonnes.</li> </ul>
	Optimization and renovation of welding lines	<ul style="list-style-type: none"> <li>The use rate of robots was improved by 9.8% through the robot program after the renovation of old lines;</li> <li>The application rate of medium-frequency welders was improved to above 92% by replacing power-frequency welders in old factories with medium-frequency welders;</li> <li>The production efficiency of welding lines was improved by 7.2% after the renovation, reducing the energy consumption by 16.4% as compared with that before renovation.</li> </ul>
	Flash dry direct expansion heat pump	Flash fresh new air adopted multi direct-expansion heat pumping process to replace dehumidification process with rotating wheel with the consumption of natural gas cancelled, reducing carbon emissions by 158 tonnes/year.
Intelligent control	Intelligent control of refrigerating system	Dynamic window control models for the cooling system were established, improving the energy efficiency by 25% in the whole station as compared with the previous level.
	Constant temperature control of boiler system	Power consumption of water pumps reduced by approximately 40%; heat exchange efficiency of boilers was improved and gas consumption was reduced by approximately 14%.
	Intelligent control of equipment	Intelligent control on identification of models and equipment was conducted in the production process, which reduced the initiation frequency and time of production equipment as well as energy consumption in production and lowered carbon emissions by 40 tonnes/year.
Digital management	Green and low-carbon Internet platform of Great Wall Motor	It is applied in five modules of the Group, covering a total of 70 production factories in 8 provinces and municipalities and achieving carbon emission management of the full lifecycle of over 80 models.

③ Integrated digital management

Based on its current carbon emission management and leveraging on digital tools, it continuously upgrades and iterates the dual-carbon management platform of Great Wall Motor, integrates the existing production, product, energy and supplier management systems of the Group, optimizes and connects the carbon emission data in organization, supply chains, products and other links, thus realizing systematic, standardized and efficient carbon emissions management with traceable carbon footprints, facilitating the improvement of the dual-carbon management and energy management of the Group and promoting low-carbon transformation of the enterprise.



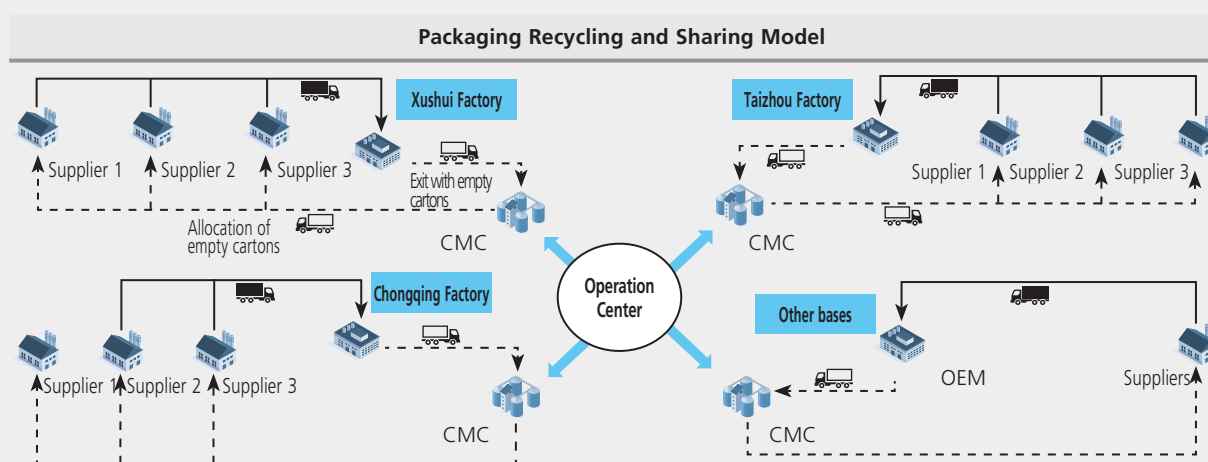
The emission intensity of scopes 1 and 2 of greenhouse gas at the Group’s vehicle plants reduced by 2.2% compared to 2022 through these measures.



### Carbon reduction in logistics and warehousing

Logistics connects the upper and down streams of the automobile industrial chains and is a key link in the carbon footprint of automobile products. Great Wall Motor has been transforming the logistics process and adopting improvement measures to reduce the corresponding carbon emissions:

The packaging recycling rate was improved by 5%-10% in 2023. For the packaging link in logistics, it systematically promoted four kinds of packaging (namely, universal, recycling, sharing and intelligent packaging) in supply chains mainly through the establishment of a sharing operation and service network on recycling packaging under full scenarios and connected the packaging sharing business of automobile manufacturers and their supporting parts and components manufacturers in different areas to achieve the recycling of packages. The recycling packaging sharing operation network covering core OEMs in Xushui-Taizhou-Chongqing developed by the Company, achieved the turnover of 1.76 million cartons in the operation of projects in 2023, reduced one-off carton packing and one-off wood consumption by 4,475 tonnes and 17,557 cubic meters in the 12-month operation cycle, facilitating the reduction of carbon emission by 214 tonnes.



In the processes of logistics and transportation, Great Wall Motor actively promoted multimodal transport and highway to train and water transportation through layout adjustments to logistics and transportation networks. Based on its business development, the Company increased train and water transportation resources and gradually expanded the train and water transportation volume. In 2023, the Company added 8 train and water transportation lines and achieved a proportion of 29.06% for train and water transportation, reducing carbon emissions by 100,000 tonnes in total compared with traditional highway transportation.

In the process of commodity vehicle transportation, Great Wall Motor added 16 hydrogen vehicles in 2023. Through the use of hydrogen vehicles, it reduced the use of fuels for fuel automobiles and reduced carbon emissions by a total of 115.98 tonnes in the transportation of commodity vehicles.



In the process of parts transportation, Great Wall Motor added 9 hydrogen vehicles in 2023. Through the use of hydrogen vehicles, it reduced carbon emissions by a total of 108.19 tonnes in the transportation of parts.

In the processes of logistics and warehousing, the Company achieved self-driving of logistics vehicles in plants in 2023 through the application of self-driving, AGV and other technologies as well as ancillary intelligent application systems. In the logistics and warehousing operation, the Company currently has 28 driverless electric tractors and 54 AGVs. The self-driving transportation model has fulfilled 62,000 orders with a total mileage of over 156,000 kilometers.



In the future, Great Wall Motor will continue to optimize the standards on energy saving and emissions reduction in the process of logistics, horizontally expand its successful operation models and promote recycling packaging to achieve packaging recycling and sharing in various regions in the PRC. It will optimize transportation models and continuously expand the proportion of train and water transportation; apply automatic equipment and information technologies to achieve high-efficient and automatic operation of warehousing. Great Wall Motor will finally achieve green and low-carbon operation of the logistic industrial chains.

### Carbon reduction in recycling

China speeds up in the establishment and improvement of a green, low-carbon circular economy system. The renewable resources industry has extended from the crude material sorting to the recycling of parts with high added value and the deep processing of materials. In 2023, Great Wall Group continued to practice the extended producer responsibility system and determined the strategic direction with the remanufacturing of automobile parts as the core while allowing for the recycling and disassembly of retired vehicles and the recycling and processing of steel scraps, to achieve industry and scale development. It deepened cooperation with upstream and downstream players in industrial chains and built the three-in-one industrial ecosystem with "recycling-manufacturing-marketing".

**Actively promoting the identification and integration of hazardous waste in plants.** Based on the layout of vehicle plants, the Company established the steel scraps recycling and processing network and achieved large-scale recycling and use. Meanwhile, it carried out end-to-end cooperation with large steel mills (such as Shougang) and leading enterprises in resources recycling and applied steel scraps into the production and manufacturing process. It achieved the recycling and reuse of 219,800 tonnes of steel scraps and 697 tonnes of copper scraps during the year.

**Establishing and improving the recycling system of retired vehicles.** The Company cooperated with retired vehicle groups/insurance auction platforms, deeply explored the demand of steel mills for steel scraps, upgraded disassembly equipment (conversion of fuel automobiles into electric automobiles), promoted the deep processing of waste materials and improved the comprehensive use of waste materials. In 2023, it achieved the recycling of 4,325 tonnes of retired vehicles and RMB5.76 million of recyclable parts.

**Deeply advancing the remanufacturing of parts** (repair and exterior parts). The Company expanded the scope of parts for recycling, increased the categories of remanufacturing and R&D, enriched the SKU of remanufactured products and facilitated the effective recycling of more old parts (with 2 new remanufactured products in 2023). Currently, Great Wall Motor has the capability on the remanufacturing of 8 products, including engines, transmissions, turbochargers, EPS and auto lamps. It recycled 13,361 old parts and reduced carbon emissions by 3.5 tonnes in products during the year. Meanwhile, it has carried out pre-research on the remanufacturing technology of new energy products based in the increasing demand for new energy and remanufactured parts in the market.

The recycling of resources facilitated the implementation of the extended producer responsibility (EPR) system on automobile products. Meanwhile, the recycling and reuse of resources reduced the demand for raw materials, lowered the consumption of resources, effectively disposed waste and reduced damages to the environment.

## CARBON NEUTRALITY PROGRESS

### Building of Fundamental Capabilities

The Group actively carried out trainings on carbon peaking and carbon neutrality to enhance the awareness of the dual-carbon management on sustainable development. It organized 267 online and offline trainings with a total of 3,096 participants during the year.



### Internal Carbon Audit

To enhance its carbon emission management capability, the Group formulated the Management Standards on Carbon Audit based on the carbon neutrality management system and regularly conducts internal carbon audits. The Group carried out a total of 4 rounds of internal carbon audits covering its 24 factories in 2023. It enhanced the professional capabilities of the business staff and improved the quality of the Group's management of carbon emissions through such audit activities.

### Employees' Carbon Accounts

Mind Electronics and Electric Systems, a subsidiary of Great Wall Motor, launched the platform of employees' carbon accounts. Nearly 3,000 staff participated in low-carbon travelling, online meetings, questions answering and other low-carbon scenarios, generating 404,000 data records, reducing 17.4 tonnes of emissions and resulting in 6.68 million carbon points. The platform encouraged all employees to actively participate in through the exchange of gifts with points. Nearly 900 staff participated in the exchange of gifts with points during the activities. In the future, Mind Electronics and Electric Systems will plan sustainable green and low-carbon activities based on the platform of carbon accounts and plans to implement them in 2024. Employees can accumulate virtual points on reducing carbon emissions through participating in office, low-carbon life and other activities. The funds from the conversion of virtual points will be used in offline green and low-carbon public benefit activities. More participants in low-carbon activities will accumulate more funds. Small actions can accumulate big energy.



### Green Office

The Company advocates green and low-carbon office and fully integrates the concept of energy conservation, emission reduction and green and low-carbon office into routine office through lean management.

The Company actively promotes saving electricity in daily office and implements the "one light with one control" in the use of electricity. It turns on different lights based on the number of employees at position and avoids "one in office with all lights on" to reduce power consumption.

Elevators in the Company stop at different floors. They can stop at odd and even floors to reduce the stop frequency. It can improve the commuting efficiency and reduce power consumption.

### Low-carbon Travelling

In April 2023, Great Wall Motor organized the cycling activity themed “Enjoy Cycling and Low-carbon Travelling” and advocated low-carbon and environmentally-friendly travelling. It also set up the cycling club of Mind Heat Systems.



### Low-carbon Buildings

Great Wall Holdings, our parent company, shares the Company’s social responsibilities and low-carbon development concept. Adhering to the concept of low-carbon, environmental-friendly, sustainable and green development, the Scientific and Technological Innovation Center is constructed in accordance with the Carbon Neutrality Management Regulations. It emphasizes the use of new materials, technologies and processes in the design, construction and operation of the project to ensure its orderly implementation in terms of low carbon, energy saving and environmental protection.

#### ① Energy saving in buildings

The project is designed in accordance with national standards on saving energy by 75%. The project adopts new building walls and roof materials and uses sun-shading and other insulation measures outside doors and windows to comprehensively improve the energy utilization rate of buildings. It applies water-saving products to improve the recycling rate of water resources and achieve water conservation.

#### ② Energy saving in acoustic and optical environment

It adopts comprehensive measures to improve the acoustic and optical environment and the air quality of buildings.

Firstly, it optimizes the design of outdoor sites and rationally allocates the varieties of trees to improve the ecological effect of the community environment. Meanwhile, it uses environmental-friendly and green building materials and strengthens natural ventilation to improve the interior air quality.

Secondly, it optimizes the layout, sets up noise barriers and adopts other sound insulation measures to reduce outdoor noises.

Thirdly, it includes domestic sewage into urban sewage treatment facilities, conducts waste sorting and collection and adopts biochemical treatment and other means to achieve the reduction, recycling and non-hazardous treatment of waste.

#### ③ Application of geothermal energy

The project adopts the compound energy plan with heat supply through ground-source heat pumps and steam in winter and cold supply through ground-source heat pumps and refrigerators in summer, achieving the maximum use rate of ground-source heat pumps. Compared with traditional energy plans, it reduces the costs of domestic hot water, cancels spare boiler rooms, reduces the civil engineering costs and improves the utilization rate of garages, which can save considerable operation fees each year and is of model significance in energy saving and environmental protection.

#### ④ Energy-saving system in lighting

The Scientific and Technological Innovation Center of Great Wall Motor adopts LED energy-saving lamps and intelligent light control. The lighting power density in major function rooms is no higher than the provisions of the national standard of the Design Standard for Architectural Lighting (GB 50034). The lighting system of public areas uses sensor lights for energy-saving control in different areas at different time. The lighting control system of natural lighting areas is independent from those of other areas.

## BIOLOGICAL DIVERSITY

Great Wall Motor strictly abides by the Convention on Biological Diversity, the Kunming Declaration and the Kunming-Montreal Global Biodiversity Framework with practical actions and incorporates the protection of biological diversity into its ESG management. We care about the protection of biological diversity in our production and life, enhance our own concept on the protection of biological diversity and carry out the protection of biological diversity based on local conditions in combination with our own experience.

Great Wall Motor carries out the construction of projects in strict accordance with the Environmental Impact Assessment Law of the People's Republic of China 《中華人民共和國環境影響評價法》 and conducts environmental impact assessments on new construction projects, including but not limited to the analysis on the impacts on the surrounding environment of the construction site and the biological diversity, to create a good environmental atmosphere where people and nature coexist in harmony.

### Planting trees for five years and pursuing green on desert

In 2019, Great Wall Motor entered the Kubuqi Desert to carry out afforestation on the green earth. With the social responsibility of "turning desert into oasis", it plants pinus sylvestris saplings each year. Great Wall Motor continued the tradition of "planting one forest every year" and carried out the "Green Earth Action" for the fifth year. It planted 2,100 pinus sylvestris in the Kubuqi Desert, adding greens to the desert, releasing 43,435 tonnes of oxygen, reducing carbon on the earth and contributing "Nuobo's strength" to ecological balance to enjoy the planet together.



### New actions in planting, protecting and cherishing green

It was the 45th trees-planting month in China in March 2023. Mind Electronics and Electric Systems, a subsidiary of Great Wall Motor, organized the activity of planting trees. It carries forward the new trend of planting, protecting and cherishing green and actively practiced the green cultural concept, making its contributions to the ecological environment with practical actions.

## EMISSIONS MANAGEMENT

Upholding the philosophy of harmonious coexistence of people, vehicles and the environment, Great Wall Motor strictly implements the Environmental Protection Law of the People's Republic of China, the Law on Prevention and Control of Air Pollution of the People's Republic of China, the Law on Prevention and Control of Water Pollution of the People's Republic of China, the Law on Prevention and Control of Solid Waste Pollution of the People's Republic of China as well as other laws and regulations. We disclose the environmental information of enterprises in accordance with laws. We faithfully publish the category, discharging method and emission concentration of major pollutants and the construction and operation of pollution treatment facilities to the society through national pollutant discharge permit platforms and pollution source monitoring platforms and accept social supervision. We conduct monitoring on pollution sources in accordance with regulations and all testing indicators are below national and local emission standards.

### Treatment of "Waste Gas, Waste Water and Hazardous Waste"

The Company followed the "Three Simultaneities" system on pollution treatment facilities and carried out simultaneous design, simultaneous construction and simultaneous putting into operation with the main structure. All pollution treatment facilities meet the feasible technologies recommended under the "Technical Specification for Pollutant Discharge Permit Application and Issuance". In routine management, the Company strengthens tour inspections and records the operation conditions of equipment to identify, report and handle abnormal conditions as soon as possible.

#### *Waste gas*

The waste gas the Company emits mainly consists of NO<sub>x</sub> produced by natural gas combustion, particulate matter produced in the process of welding, and VOCs produced in the process of painting. We used low-NO<sub>x</sub> staged combustion technology to reduce NO<sub>x</sub> generation by controlling the air ratio, enabling the emission concentration meet national and local standards for hazardous air pollutant emissions. We collected particulate matter in a closed manner, and introduced high-efficiency dust removal technology to achieve a treatment efficiency of 95%, significantly reducing particulate matter emissions. The waste gas generated from painting was treated using the mainstream technology of zeolite concentration + regenerative thermal oxidation (RTO), which has the characteristics of stable outlet concentration and high purification efficiency. We made full use of the industrial cluster effect of the park by comprehensively using centralized heating and gas supply facilities to help save energy and reduce emissions.

#### *Wastewater*

The Company follows the basic principles of classified collection and quality-based treatment, and adopts a three-level wastewater treatment process of "pretreatment unit + comprehensive wastewater treatment unit + biochemical treatment unit", with discharge concentration far lower than the urban sewage treatment plants' discharge standards. We used an environmentally friendly membrane pretreatment process to replace traditional phosphating process, reducing the discharge of phosphorus and nickel metal ions. We have set up a reclaimed water reuse system to reuse the wastewater after biochemical treatment, effectively improving the reuse rate of water resources.

#### *Hazardous waste*

The Company has been attaching great importance to the prevention and control of hazardous waste pollution. In 2023, the hazardous waste of the Company included sludge, paint residue, waste organic solvents and contaminated wastes. We carried out hazardous waste reduction and resource utilization for the hazardous waste, conducted transfer procedure filing in accordance with the requirements of ecological environment supervising departments of the respective places, and handed all hazardous waste to companies possessing hazardous waste management qualification for disposal. We have fulfilled our responsibility for hazardous waste prevention and control in accordance with law, formulated emergency plans for sudden environmental incidents and hazardous waste management plans, ensuring the compliance in the entire process of hazardous waste storage, transfer, and disposal, with 100% compliance rate in handling.

### Emission Reduction Measures

In 2023, the Baoding Factory of Great Wall Motor conducted the upgrading and transformation of its painting workshops and replaced the oil-based paint in all process replaceable with the water-based paint with low VOCs. The proportion of the oil-based paint was reduced to 31.7% after the upgrading and the VOCs generated from the production process reduced by 80%.

In 2023, the Chongqing Factory of Great Wall Motor upgraded the existing sludge filtering technology. Biochemical sludge and physicochemical sludge are disposed in different sludge thickeners. Biochemical sludge became general solid waste after separate disposal and the amount of hazardous waste generated reduced by 30%.

Target:

We control pollutant discharges in the whole process from the source, during the process and at the end. We have committed:

All pollutants are discharged up to the standard, with the total discharge of various major pollutants not exceeding national or local control requirements. By 2025, the VOCs emissions per unit area from the coating process will be controlled at  $35\text{g}/\text{m}^2$ , reaching the advanced level of the international declaration on cleaner production.



### Non-hazardous Waste Management

Non-hazardous waste of the Company is generated from its routine office and operation. They cannot be comprehensively recycled and have no damages to the environment and human beings. Such waste can be handled and disposed safely through recycling, incineration, landfill and other means.

In accordance with national laws and regulations as well as the requirements of relevant departmental regulations and ordinances of the government of the place where non-hazardous waste is generated, the Company appoints qualified waste disposal organizations and third-party recycling institutes to carry out disposal.

It standardizes relevant environmental materials on waste treatment, regularly tracks the process of waste treatment and transportation, guarantees that the non-hazardous waste is transported to garbage containers or collection places designated by the state or local government, forbids dumping, throwing or piling at random and strictly prohibits impacts on the environment and the society.

### Volume of non-hazardous waste and measures for waste reduction

- ① In 2023, the total volume of non-hazardous waste of the Company was 12,700 tonnes, representing a decrease of 960 tonnes compared with that of 2022.
- ② During the generation process of non-hazardous waste, the Company adopts various measures to reduce the generation of waste, such as improving production process and technology, organizing various activities and boosting waste sorting.

### RDE Emission Management

The China VI regulation added the requirements on RDE emissions from 1 July 2023, requiring that all light-duty vehicles sold and registered shall meet the requirements on China 6b+RDE limits. The so-called RDE (Real Drive Emission) is real driving emissions of pollutants, referring to the emissions of pollutants by vehicles on road.

In the face of the upgrading of regulations, Great Wall Motor prepared 4 years in advance and carried out planning and responded on various aspects, details of which are as follows:

- ① Purchase of PEMS equipment: Great Wall Motor initiated the inspections and benchmarking on PEMS equipment in 2017 and conducted in-depth communications and on-site exchanges with three major equipment manufacturers in the industry to ensure the precision and accuracy of equipment. Great Wall Motor put the equipment into use in 2018 and initiated the exploration on RDE emissions since then.
- ② Upgrading of engines: Great Wall Motor conducted technological upgrading on the software and hardware of engines, such as the adoption of low-ash engine oil, the 350bar fuel injection system, the heat management system and the dual-fuel injection system, to reduce the emission of particulate matters, speed up in heating engines and improve emissions and energy consumption. In terms of software strategies, the application of multiple injections, transient fuel control and self-learning on components played an active role in controlling emissions and the consistency.
- ③ Upgrading of subsequent processing technologies: In addition to measures on reducing emissions from the source within the engine, the emission control out of the engine also played a key role. In particular, the gasoline particulate filters (GPF) can reduce the emission of particulate matters by 60% to 90%. The improvement of GPF technology is attributed to the design of porthole and thick walls of carriers on the one hand and the improvement of coating process and materials on the other hand.

- ④ Equipping planning on automobiles: Based on powertrains, Great Wall Motor carried out researches and evaluations in advance on RDE regulations, eliminated old power and planned on new power. It prepared plans on models at the same time and simultaneously achieved RDE development and model planning.
- ⑤ Establishment of test specifications: The complexity and uncontrollability of various factors on real roads will affect the results of experiments and tests. To ensure the coverage and consistency of automobile development, Great Wall Motor carried out field inspections and tests in Tianjin, Chongqing, Xiamen, Shanghai, Qinghai and other regions, covering high-temperature and alpine areas, plateaus, urban traffic congestion, expressway and other extreme environment and conditions.

Based on its responsibilities on environmental protection, Great Wall Motor planned the RDE model in advance and launched them in the end of 2022.

Currently, various regions of the world are studying and formulating regulations on emissions for the following stage. In order to deliver high-quality and high-standard products to users, Great Wall Motor actively participates in the dynamic tracking on the Euro VII emission regulations, the advance research on technology and the advance research on relevant topics of the National VII emission regulations in the first stage to provide constructive suggestions on the establishment of industry standards and regulations for the next stage. In the formulation of standards, Great Wall Motor deeply participates in evaluation, verification and feedbacks on greenhouse gas control, high-altitude emissions, NH<sub>3</sub> and PN<sub>10</sub>. In terms of R&D and technical reserves, Great Wall Motor intensifies the control of emissions under real scenarios and realizes the development of the diversified and comprehensive evaluation systems on tests in laboratories and on real roads as well as the matching and development of applications under full scenarios. For the reduction of emissions of particulate matters such as PN<sub>10</sub>, it introduces efficient gasoline particulate filters and strengthens the matching of engines and strategies to minimize the emission of particulate matters in exhausts.

## ENERGY AND WATER RESOURCES MANAGEMENT

### Energy Management

Great Wall Motor has been committed to building energy-saving and green manufacturing factories. The Company established professional energy management team, specified management responsibility and the energy-saving management concept, actively promoted the establishment of energy management systems, improved standardized energy management processes and facilitated the certification of the energy management system. For example, the Tianjin vehicle plant has obtained the certification under the ISO50001 energy management system.

The Company continuously develops intelligent energy management, conducts energy-saving transformation through the introduction of new technology, new process and new equipment and implements intelligent control on equipment with energy consumption. It also expands the installed photovoltaic capacity, implements the replacement with renewable energy with information technology and optimizes the energy structure, thereby continuously improving the energy utilization efficiency and reducing energy consumption in the process of production.

#### 1. Measures on energy saving and consumption reduction

- Energy management system: 100% of its vehicle plants are equipped with energy management systems, achieving the comprehensive monitoring, analysis and improvement of energy consumption;
- Digital and intelligent control: The Company focuses on the development of the intelligent control function on key equipment with energy consumption, implements the energy-saving model of the refrigerating and drying systems and conducts intelligent joint control on air compressors and boilers;
- Recycling of waste energy: Waste heat from coating and drying, air compressors and refrigerators is recycled and used in boilers, heat supply and pre-treatment tanks and stamping power is recycled;
- Replacement with efficient equipment: It uses energy-saving motors, driers and other efficient equipment to improve the efficiency and reduce the energy consumption of equipment;
- Energy saving in process: It applies energy-saving process and environmental materials to reduce energy consumption and carbon emissions in operation;
- Optimization of the energy structure: It adopts the heat pump technology to optimize the energy supply structure.



Low-carbon and energy-saving painting process:

- ◇ It adopts the heat pump + wet full circulating air technology to optimize the energy supply structure of painting and air-conditioning, achieving an annual carbon reduction of 11,300 tonnes;
- ◇ It replaced the solvent-based 3C2B process with the water-based B1B2 process, reducing VOCs and the proportion of oil-based paint by 30% and 60%, respectively;
- ◇ It introduces the water purification technology and improved the effects of paint mist treatment and residue dehydration, extending the cycle of water change to 5 years;
- ◇ It develops new low-temperature electrophoretic paint, reducing the temperature and time for baking and solidification by 6.25% and 33%, respectively.

## 2. Replacement with green energy

Great Wall Motor vigorously promotes green and new energy and actively facilitates the application of renewable and clean energy. It increases photovoltaic power consumption by increasing the installed capacity of photovoltaics and improving the efficiency of photovoltaic power generation to support the environmental-friendly development.

- The new installed capacity of photovoltaics at vehicle plants in Tianjin, Taizhou and Rizhao was 56MW in 2023. Currently, the installed capacity of photovoltaics of the Company reaches 273MW;
- The Company actively carries out green power trading and purchased 25.11 million kWh of green power in 2023;
- The Company consumed a total of 199 million kWh of green power during the year;
- The proportion of green power in vehicle plants reached 21.68%, representing an increase of 4.48% as compared with 2022.



## WATER RESOURCES MANAGEMENT

Attaching importance to the management of water resources, Great Wall Motor adheres to the concept of lean production and implements the supply of water based on the needs with fixed quantity. It has established a complete measurement system and achieved a measurement rate of 100% with primary and secondary water meters in vehicle plants. It conducts real-time monitoring on the water use process through the energy management system and analyses and improves abnormal consumption in a timely manner. The water-saving technology and management indicators of the Company meet the requirements on water-saving enterprises and four vehicle plants were awarded "water-saving enterprises".

The Company continuously strengthens the saving and intensive use of water resources. It analyses the utilization efficiency of water resources and the balance of supply and demand in a scientific manner. Currently, it has completed the water balance test on five vehicle plants. It optimizes the integration of water use systems and carries out series use of water with varied qualities as well as the use of water for multiple purposes and graded use of water.

Major water-saving measures:

- Process improvement: It optimizes production processes and adopts efficient cleaning equipment and water recycling systems in phosphating/degreasing, rain lines and other lines to reduce water consumption;
- Equipment upgrading: It introduces water-saving equipment and technology and uses anti-splash counter-current cooling tower, auto-induction flushing valves and other technologies;
- Recycling: It establishes and improves the system on the recycling of industrial water, sets up the reclaimed water reuse system and uses wastewater after treatment in toilets, green irrigation, equipment cooling and other purposes. In 2023, over 2.8 million tonnes of reclaimed water was used in vehicle plants, accounting for 46.3% of total water consumption. The reuse rate of industrial water reached 97.9%;
- Management improvement: It enhances water resources management within the enterprise, establishes and improves the water measurement system and the appraisal mechanism and achieves refined management and water saving;
- Technological R&D: It supports technological R&D and implements the improvement of the handling of recycling water paint mist in paint booths and zero-emission paint lines to reduce the consumption of water resources from the source.



Typical water-saving improvements implemented in 2023:

**Reuse of concentrated water:** Concentrated water from the painting workshops is collected and diverted to the raw water tank of the joint plant to mix with reclaimed water and replace tap water in preparing pure water, which saves approximately 52,000 tonnes of water each year.

**Improvement of the treatment capacity of recycling pools:** It achieves the full filtering of recycled water through the process of "wastewater collection system + pre-treatment (flocculation with chemicals) + residue and water separation system + paint residue dehydration system". It extends the cycle of water change to 5 years and saves approximately 2,680 tonnes of water each year.

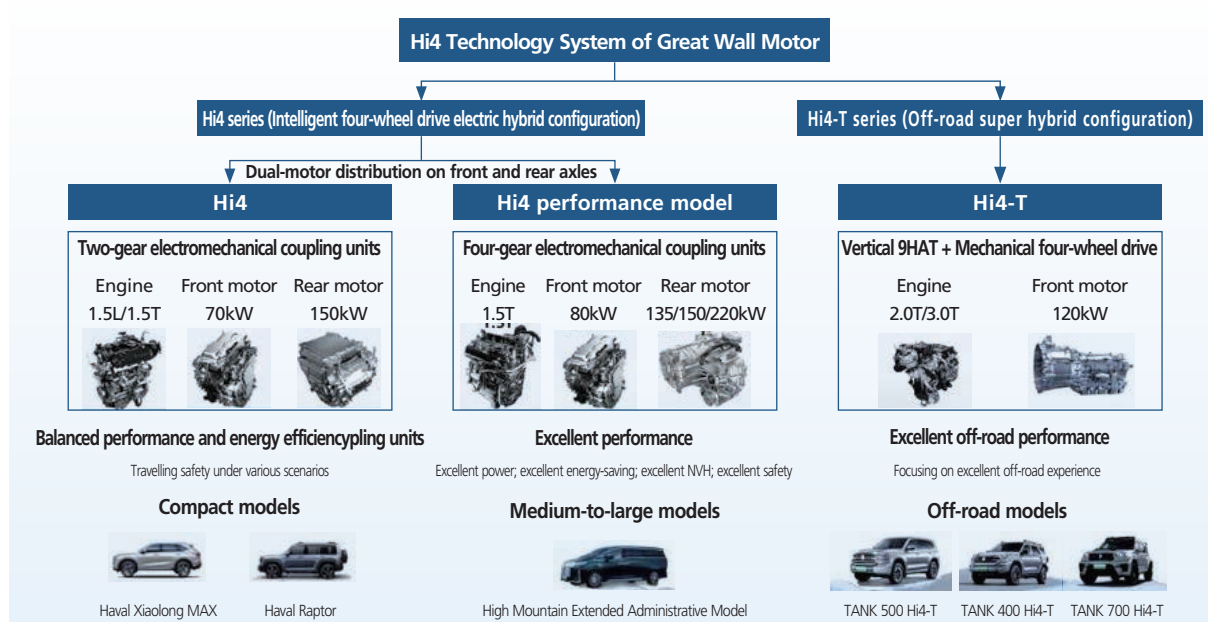
In 2024, the Company will strengthen industrial water-saving management, reduce water consumption and improve the recycling rate of water resources by implementing measures such as water-saving transformations and water resources reuse.

TECHNOLOGICAL INNOVATION AND SUSTAINABLE DEVELOPMENT

PRODUCT TECHNOLOGY

Hybrid Sector

In 2023, Great Wall Motor developed the Hi4 technology system and achieved its mass production and application through continuous technological innovation:



Intelligent four-wheel drive electric hybrid configuration – Hi4:

Compared with the traditional dual-motor configuration, Hi4 achieved 5 innovations through three technological means, namely the dual-motor distributed layout, the iTVC intelligent torque vector control system and the multi-gear design of electromechanical coupling devices:

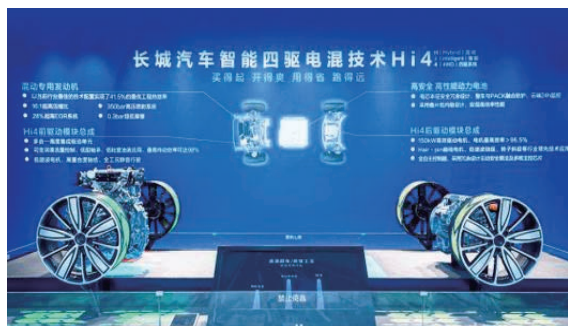
Innovative design 1: The main drive motor is installed at the rear axle, improving the wheel-side power efficiency and the wheel-side torque efficiency by 21.7% and 43.6%, respectively;

Innovative design 2: Through the multi-gear design of electromechanical coupling devices, it achieves the coverage of the working conditions of nearly full speed range of direct engine drive and meeting the driving demand of users under full scenarios with the best efficiency;

Innovative design 3: With the TM/GM distributed on different axles, it achieves the electric hybrid configuration of series-parallel four-wheel drive through the dual-motor distributed layout;

Innovative design 4: The front axle load is distributed at 50:50, improving the maneuverability and comfort;

Innovative design 5: The iTVC intelligent torque vector control system effectively prevents slipping on roads with low adhesion and under – or over-steering when turning, improving the operating stability and the driving safety.



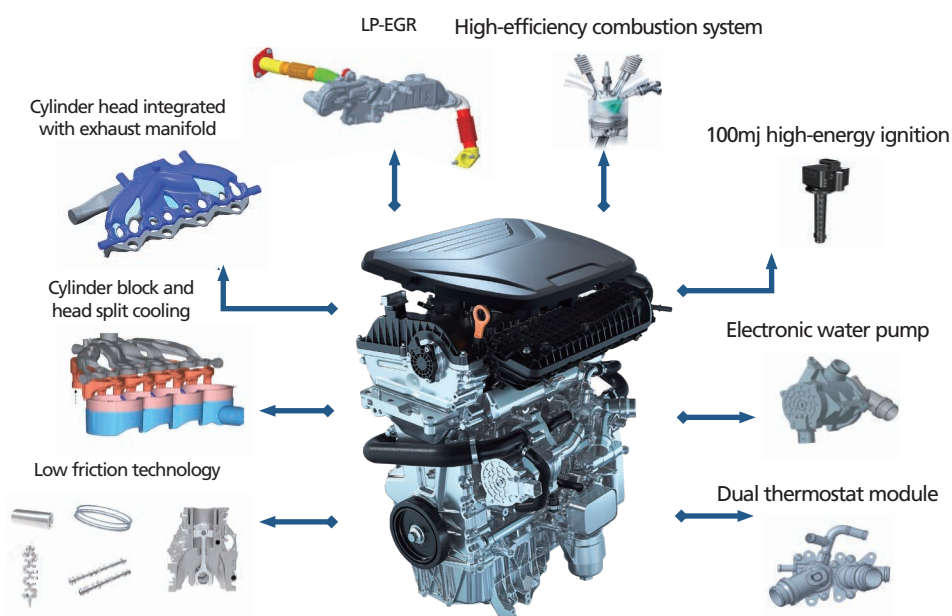
- **Intelligent four-wheel drive electric hybrid configuration – the Hi4 performance model:** The Hi4 performance model is specially tailored for medium-to-large SUVs and large MPVs above C Class. With the innovative design of four-gear electromechanical coupling units, the Hi4 performance model effectively solves the insufficient acceleration of medium-to-large vehicles in starting or overtaking at a high speed. Through the multi-gear design and the refined matching of speed ratio, it further improves the wheel-side power efficiency and torque efficiency of engines, thereby achieving the optimization of fuel consumption under high-speed scenarios. Meanwhile, it significantly improves the NVH experience when the battery is low. In combination with the innovative design of four-gear electromechanical coupling units, it also has the four-wheel drive capability in the full speed range.
- The Hi4 performance model allocates the power to front and rear axles, improving the low-speed power efficiency and torque efficiency by 21.7% and 43.6% as compared with the traditional dual-motor configuration and achieving the best acceleration performance;
- With the total power of the system remained unchanged, the Hi4 performance model adopts the innovative four-gear design and guarantees no declining acceleration when it is equipped in medium-to-large vehicles while the time difference in 0-100km/h acceleration is 0.4s for three-motor configurations. The power efficiency of the Hi4 performance model is far higher than other three-motor hybrid configurations. Vehicles equipped with the Hi4 performance model can achieve the best acceleration performance with the minimum system efficiency.
- **Off-road super hybrid configuration – Hi4-T:** Hi4-T is a super off-road hybrid model, which is a vertical parallel hybrid configuration developed by Great Wall Motor exclusively for off-road new energy vehicles based on the platforms of TANK. It has the following features:
- **Sustainable strong power output:** With a theoretical maximum rim torque of over 23,800N•m and a gear ratio for climbing of 58.1, its peak sustainable power and torque can reach over 81.6% and 88.7%, respectively;
- **Durable and reliable four-wheel drive systems:** With mechanical four-wheel drive and the design of the non-decoupling structure and "three locks", it can guarantee the output of the maximum torque even if a single wheel touches the ground leveraging on the three locks, namely front, middle and rear mechanics. The maximum single-wheel rim torque can still reach 23,800N•m even when three wheels are suspended.

### A new generation of 1.5L (naturally-aspirated) hybrid and high-efficiency engine

Based on the applications of Hi4 four-wheel drive technology in multiple scenarios and models, and in order to improve the engine performance and energy consumption, GW Motor newly developed a 1.5L hybrid dedicated engine, which is featured by low emission, low fuel consumption and light weight. The engine has a maximum power output of 85kW, a maximum torque of 140Nm and the thermal efficiency of 41.5%. Xionglong MAX, the first model equipped with the engine, was launched in May 2023. Thanks to the Hi4 hybrid structure, the vehicle eventually achieves low-carbon emission, fuel economy, strong power and no range anxiety.

**Core technologies of the engine are as follows:**

- **High-efficiency combustion system:** With the adoption of the deep Atkinson cycle and the high-pressure direct injection technology, the engine is equipped with cylinders of large stroke-to-bore ratio and high compression ratio to enhance the consistency of cylinders, eliminate engine detonation and improve the fuel economy and thermal efficiency. The maximum thermal efficiency of the engine is 41.5%;
- **EGR cooling system:** By optimizing the pipe diameter and cooling fins to reduce flow resistance, the newly designed EGR system is able to improve the EGR rate, optimize emission, reduce fuel consumption and eliminate engine detonation;
- **Low friction:** A total of 15 measures, such as low-grade viscosity engine oil, coatings on moving parts, optimizing the parameter of cylinder bore cross-hatch patterns, drivetrain electrification, offset crankshaft, reducing the contact area of camshaft, crankshaft and connecting rod journal diameter, are taken to lower friction in the engine;
- **Double-layer integrated cylinder head:** A cylinder head integrated with exhaust manifold adopts a double-layer design to minimize exhaust interference, increase air inflation and improve power performance.

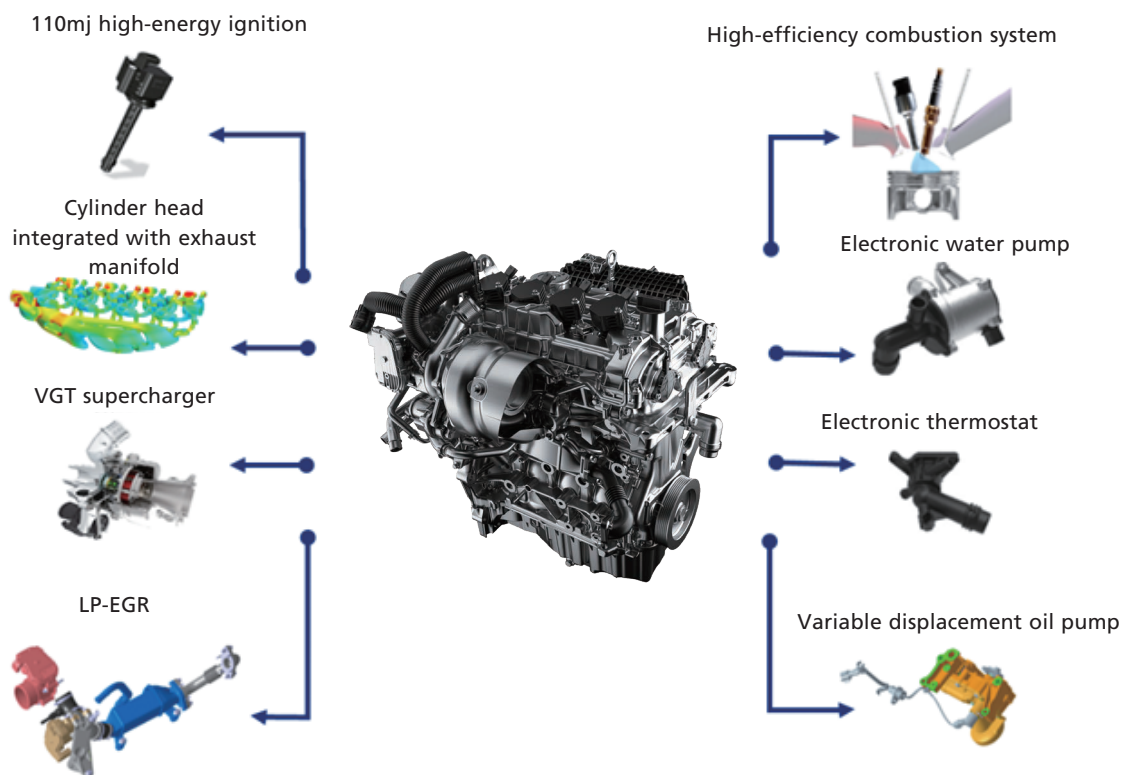


### A new generation of 1.5L (turbocharged) hybrid and high-efficiency engine

In order to follow the trend of "carbon neutrality", comply with the increasingly stringent fuel economy regulations and enhance product competitiveness, engines are developed to be low-emission, fuel-efficient, light-weighted and hybrid, and well match with power batteries to eventually achieve low-carbon emission, fuel economy, strong power and no range anxiety. The engine was put into mass production in March 2023, and was compatible with WEY and Haval upgrade models, and was applied in various models, such as WEY Blue Mountain and Haval Raptor;

#### Core technologies of the engine are as follows:

- ✓ **High-efficiency combustion system:** The engine is designed with core technologies, such as Miller cycle, high compression ratio, in-cylinder direct injection, 350bar injection pressure and 110mJ high-energy ignition, to achieve the goals of rapid combustion, low emission and low fuel consumption;
- ✓ **Cylinder head integrated with exhaust manifold:** The design is able to warm up the engine fast, reduce cold start emissions, and narrow the area with increased air-fuel ratio, as well as reduce the use of 7 types of parts and components;
- ✓ **VGT supercharger:** The engine is designed by a turbocharger resistant to a temperature of 980°C, which adopts a new and efficient turbine design and is able to significant improve flow capacity and achieve rapid dynamic response;
- ✓ **Low-pressure EGR:** The design aims to increase the thermal capacity of the gas mixture in the cylinder, expand the area with the fuel-air equivalence ratio and reduce NO<sub>x</sub> and CO emissions;
- ✓ **Electric water pump and electric thermostat :** The design is able to cool and precisely control the water temperature on demand, and quickly respond;
- ✓ **Variable displacement oil pump:** The design is able to adjust and control oil pressure on demand to reduce power dissipation.

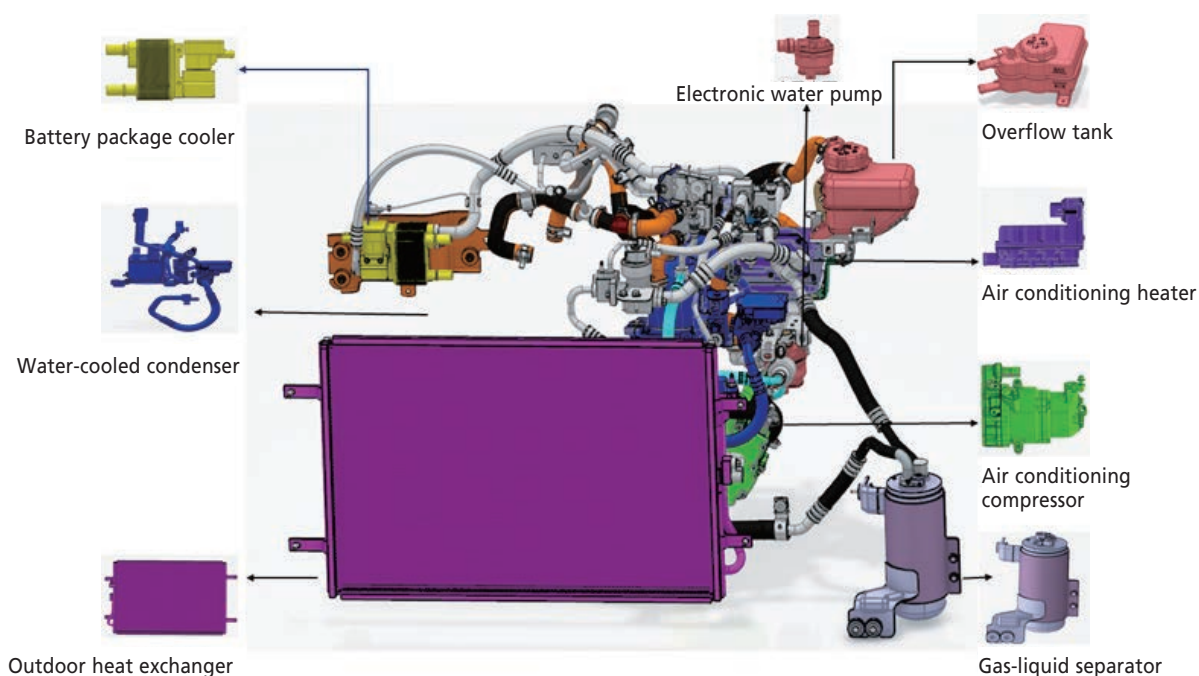


### New heat pump air conditioning system

Range shrinkage under low temperatures has been a pain point of electric automobiles, which is mainly due to the following two reasons: 1. The cell activity of EV battery is relatively low under low temperatures with a poor storage capability. 2. The power consumption is huge when using PTC electric heaters for heating in vehicles. To improve the range, reducing the power consumption in heating with low-temperature air-conditioners is the primary task for the air-conditioning system. Based on national requirements on "carbon peaking and carbon neutrality", reducing energy consumption has become the theme in the current development of air-conditioners. To enhance the product competitiveness and follow the trend and guidance of regulations, Great Wall Motor installed the heat pump system, which reduces energy consumption through heating with heat pump and improves the range by over 15% under low temperatures. Lightning Cat, Ballet Cat and Funky Cat models equipped with the system have been launched and Funky Cat and Lightning Cat have been exported to the EU market. Various models under internal R&D have been equipped with such heat pump system.

#### Technology for heat pump air conditioning system:

- ✓ **Independent and autonomous development:** It is the first domestic automobile manufacturer with the autonomous development of the heat pump air conditioning system with fully proprietary intellectual property rights, which can reduce the reliance on suppliers. It applied for 6 patents and was granted 6 patents, including 4 invention patents and 2 utility model patents.
- ✓ **Full-scenario use:** It supports 212 usage scenarios and covers all-weather working conditions with a lower working limit of an environment temperature of  $-25^{\circ}\text{C}$ . It can achieve cooling, heating and dehumidification in passenger compartments, battery cooling and heating as well as recycling of waste heat from motors and batteries and can meet the automobile heat management demand in subsequent 10 years;
- ✓ **Various models of dehumidification:** The system not only supports cooling dehumidification but also conducts heating dehumidification. It can achieve the purpose of heating during dehumidification and reduces energy consumption to the maximum extent. Based on the heating demand, it further divides dehumidification into parallel dehumidification and series dehumidification;
- ✓ **Application of spherical throttle valves:** It adopts globally leading throttling and connection technologies and reduces the number of parts and components as well as pipeline interfaces, achieving two uses with one valve;



### CO<sub>2</sub> heat pump air conditioners:

Great Wall Motor always adheres to the route of refrigerant replacement under requirements on environmental protection and energy conservation as energy conservation and environmental protection represent key development trends of new energy vehicles. It is widely known that automotive refrigerant R134a has a high Global Warming Index and it will be prohibited gradually in the future. Great Wall Motor attaches great importance to the route of replacement with green and environmental-friendly refrigerants. It has initiated the use of the safe and environmental CO<sub>2</sub> with natural working medium as a refrigerant of heat pump air conditioners and invested over RMB5 million. Great Wall Motor has conducted in-depth research on the physical features of CO<sub>2</sub> as a refrigerant, the trans-critical recycling principle, the system control, the leakage control and the demand and reliability of parts, components and systems in the advance research. It has applied for 12 patents and 9 of them have been granted. It completed 13 standards on components and overall verification. It expects to complete the advance research in the beginning of 2025 and will be applied in all battery electric platforms and models of the Company. It expects to be applied in models to be launched in the EU first.

It has completed two rounds of bench tests so far. The COP of the heat pump system reached 1.8 in refrigerating at 40°C and 3.01 in heating at -20°C with a performance of 8.35KW, representing a leading level in the industry in terms of performance. It has completed the verification on the refrigerating and heating performance of CO<sub>2</sub> in vehicle verification. Its refrigerating performance is generally the same as that of R134a while the heating speed and energy consumption is better than R134a heat pumps in heating. It has completed the calibration of seasonal road tests in terms of road tests of vehicles and the verification of control based on the best pressure under full scenarios. It has generally completed the development of all functions.

The advance research will mainly focus on cost optimization, the reduction of energy consumption, NVH optimization, the integration of parts and components, the verification of vehicle reliability and other aspects in the future.

### Battery Electric Vehicle Sector:

In the battery electric vehicle sector and with the purpose of addressing users' anxieties, Great Wall Motor focuses on upgrading users' feelings and achieves the improvement of car use experience under full scenarios through the continuous iteration of technology and the expansion of bandwidth to boost the confidence of users in battery electric vehicles. Great Wall Motor conducts the autonomous R&D of battery, electric drive and other core parts and components. Meanwhile, it deploys on upstream and downstream industries of energy and develops a complete layout on industry chains.

1. **In terms of battery**, Great Wall Motor follows the core target of "high safety, fast charging and low cost" to address users' anxieties. For **safety**, it conducts systematic innovation with the focus on cell safety and active/passive safety of systems and provides solutions to vehicle battery technology. Meanwhile, it firstly proposes the concept of dredging to clear blockages after triggering heat beyond control and joins SVOLT Energy in developing short knife cells to promote the study on safer chemical systems. For **fast charging**, it facilitates the upgrading of the charging rate of cells and simultaneously carries out the development of multi-side cooling technology. For **cost**, it advances the study on PACK new materials with integration and new materials as the core of design.
2. **In terms of electric drive**, Great Wall Motor conducts planning with the focus on three dimensions, namely "high cost effectiveness, high performance and high efficiency" and develops world-class electric drive powertrains. Through series of products, it developed 200kW+ bridges and 400kW vector modules to improve an ultra-strong power and the driving experience and create high performance. It achieved the improvement of efficiency, power and torque with high-voltage 800V, SiC, ultra-high engine rotation speed and other technologies.
3. **In terms of charging**, Great Wall Motor develops an ultimate experience with intelligent interactions on the integration of vehicles, charging piles and cloud, broad climate adaptability and high charging rate with the focus on all scenarios of users and continuously improves towards "integration, high efficiency and convenience".
4. **In terms of core materials**, for carborundum, the semiconductor with the third-generation power, Great Wall Motor deeply plans on the closed testing project on modules. With the focus on core technology, it improved the power density of modules by 30% and reduced the cost of chips by 20% through the first CSS technology platform initiated in China.



### Heat Management Sector:

In the sector of heat management technology, Great Wall Motor upholds the philosophy of "harmonious coexistence of people, vehicles and the environment", adheres to a sustainable development approach featuring "low pollution and low energy consumption" and develops heat management technology with the focus on energy consumption management and the cost-optimal route. In the future, Great Wall Heat Management will continuously carry out technological optimization to reduce the energy consumption and cost of automobiles.

In terms of the heat management technology roadmap for battery electric vehicles, Great Wall Motor focused on the development of ultra-low-temperature high-efficiency heat pump and in combination with the use of waste heat of motors, the active heat generation of motors, heat creation of compressors, battery impulse heating and other new technologies. It rationally allocated the heat demand in vehicles and guaranteed the best working temperature of power components to further improve the efficiency and reduce the cost of vehicles. It developed integrated modules, high-voltage fans, direct-cooling and direct-heating technology for batteries and other technologies and continuously improved the heat exchange efficiency of components to reduce heat consumption. In combination with AI and other instruments, Great Wall Motor adopted cloud data and resources and developed the predictive heat management technology, achieving charging under full scenarios and the improvement of experience in energy consumption. It will facilitate the achievement of new energy strategies in 2025, fully display the leadership of Great Wall Motor in the innovation of new technology and promote the sustainable development of Great Wall Motor towards "low pollution and low energy consumption".

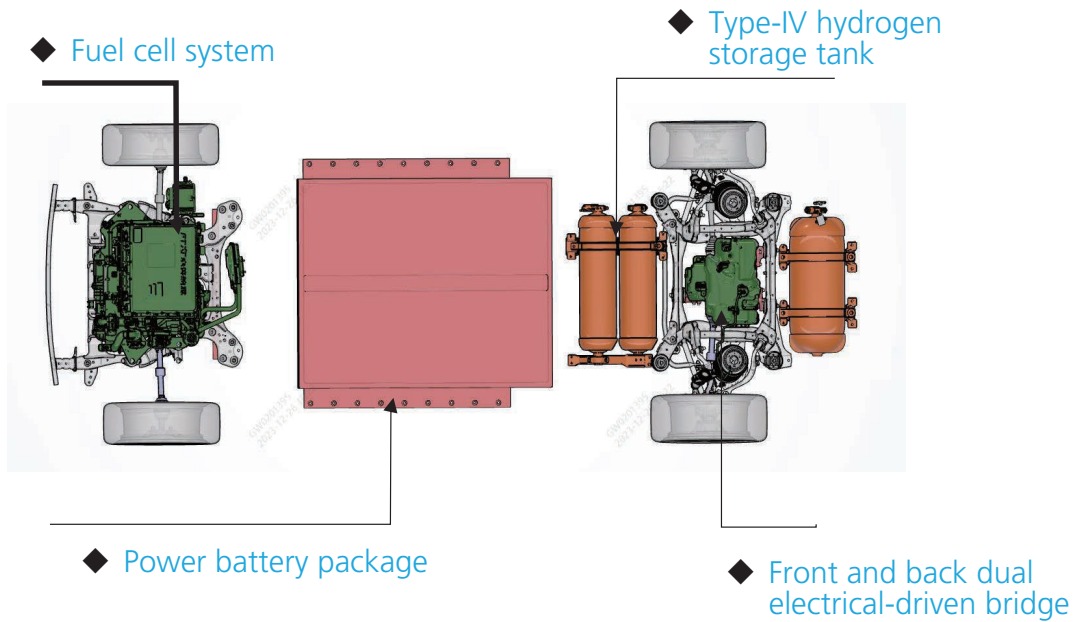
In terms of the heat management technology roadmap for hybrid vehicles, Great Wall Motor planned the advance research on the heat management technology of the next-generation hybrid vehicle platform. Focusing on the vehicle characteristics of hybrid models, it developed the long-range heat management function with the thinking on battery electric vehicles and built the advantage in range under ultra-low temperatures (below  $-18^{\circ}\text{C}$ ) compared with battery electric vehicles by leveraging on the technology on the recycling of waste heat from engines. It guaranteed that battery electric driving can meet the demands for routine means of transportation, travelling on weekends and other scenarios with high frequency of vehicle use, improved the driving experience and the energy efficiency of automobiles and reduced energy consumption in heat management. Meanwhile, based on the development of the battery heat management technology, it expanded the R&D of the direct-cooling and direct-heating technology for batteries, pulse heating for batteries and other technologies and achieved all-dimensional improvement in heat management technology. It facilitated the sustainable development of Great Wall Motor towards "low pollution and low energy consumption".

In terms of the heat management technology roadmap for hydrogen energy, Great Wall Motor planned the advance research on the heat management technology of the new-generation hydrogen energy 800V voltage platform. Based on the characteristics of the fuel power system, it fully uses the power released from the starting of fuel batteries to heat passenger compartments. In combination with new technologies on waste heat from the fuel power system, waste heat from high-voltage components and heat actively generated by motors, it improved the energy efficiency of automobiles, reduced energy consumption in heat management and reduced range shrinkage under low temperatures.

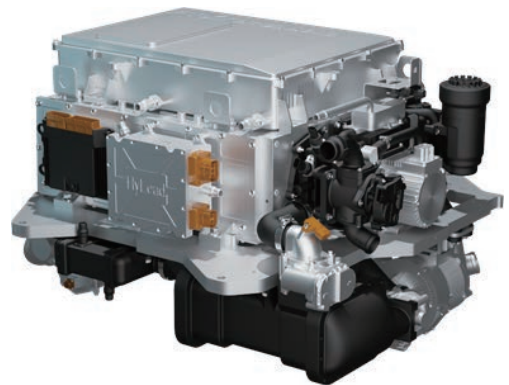
### Hydrogen Energy Sector

Hydrogen fuel cell vehicles use hydrogen as fuel and directly convert the chemical energy in fuels into power through electrochemical reaction with high energy conversion efficiency, zero emission and other advantages. Fuel cell vehicles also enjoy rapid energy replenishing, no range reduction in winter and other advantages. With hydrogen charging taking only 3 minutes, it enjoys convenience comparable to fuel vehicles. The range is stable in winter and is generally not affected by the heating conditions.

The members of Great Wall Motor adopt its self-developed high-efficiency fuel cell systems and type-IV hydrogen storage tanks for their hydrogen fuel cell vehicles, developing a dual-functional hydrogen and power platform. The pure hydrogen range is more than 400km and the comprehensive range is no less than 700km.



Its independently developed fuel cell systems are based on the EIS/THDA technology and dynamically monitors the health function of electric piles to improve the reliability of systems. The multivariable decoupling closed-loop control technology adapting to different environment with high altitude, high temperature and alpine conditions improved the environmental suitability of the system. The modularized and integrated design improved the power density of the system. The all-in-one power control unit integrated the DC converter, insulation monitoring, AC impedance, HV power transmission functions of fuel batteries.



For its independently developed type-IV hydrogen storage tanks, the sealed liner-valve carrier structure is designed independently. The innovative plastic liner molding process can effectively prevent folds, air bells and other defects of the liner. The process design for the advanced carbon fiber layer and the optimized winding angle and winding process reduced the use of carbon fiber and improved the quality and density of hydrogen storage.



## KEY NEW MODELS LAUNCHED IN 2023

### Haval H-DOG

NEW

Haval H-DOG was officially launched on 27 February 2023 with a total of 6 models, including fuel and PHEV models. The selling prices of the PHEV model range from RMB162,800 to RMB175,800. With the new 1.5T+2-gear DHT powertrain, a total power of 240kW, a total torque of 530N•m and a comprehensive fuel consumption of 1.85L/100km under WLTC, it has a comprehensive maximum range of over 10,000km. Targeting at the new energy and light off-road sector, Haval H-DOG meets the car-owning experience of users under all scenarios of "urban and off-road conditions and under the electric model".



### WEY Blue Mountain DHT-PHEV

NEW

Positioning as a six-seat comfortable electric SUV, WEY Blue Mountain DHT-PHEV introduced two models, namely the two-wheel drive model with long range and the four-wheel drive model with ultra-long range, with the selling prices ranging from RMB273,800 to RMB308,800 on 13 April 2023. Equipped with the leading "hybrid DHT+ Coffee Pilot 2.5" technology, WEY Blue Mountain DHT-PHEV focuses on meeting the demands under travelling scenarios with many family members. With the hybrid DHT technology and the "1.5T+DHT 130+P4" power, the new vehicle achieves a battery range of 180km under WLTC. Based on the product positioning as a family vehicle, WEY Blue Mountain DHT-PHEV adopts a 2+2+2 layout with six seats in three rows and a wheelbase of 3,050mm. It initiates the "baby room", the safety concept on in-vehicle environment, and meets the demands under various family driving scenarios.



### TANK 500 Hi4-T

NEW

Positioning as a medium-to-large luxury off-road new energy SUV, TANK 500 Hi4-T was launched on 26 June 2023 with a selling price of RMB335,000. It adopts a design with parallel fuel and electricity and is equipped with the TOD four-wheel drive with mechanical locking function in terms of the off-road hardware. It can achieve the seamless conversion of 0-100% torque of front and rear axles. With the golden powertrain with 2.0T engine + 9HAT transmission as well as a P2 motor, it has a maximum comprehensive power of 300kW, a maximum torque of 750N•m and a maximum transmission efficiency of 97%. It is also equipped with the advanced intelligent energy management system with a comprehensive fuel consumption of 2.2L/100km, a fuel consumption of 9.55L/100km when the battery is low and a range of 790km.



**Haval Raptor****NEW**

Positioning as a popularizer of new energy off-road SUVs, Haval Raptor was launched on 10 October 2023 with an official guide price of RMB165,800 to RMB183,800. Leveraging on the full product power “under the fuel and electric model with modifiability”, it achieves the full coverage of three major scenarios, namely off-road driving, urban life and fashionable modification. Equipped with the dynamic conversion of three motors with nine models and the ITVC intelligent torque control system, its battery range under NEDC is up to 145km. It supports a maximum 41Kw fast charging with a fuel consumption of 5.98L/100km under WLTC when the battery is low. Its comprehensive range with full fuel and power is over 1,000km.

**Haval Xiaolong and Xiaolong MAX****NEW**

Haval Xiaolong and Haval Xiaolong MAX were officially launched on 16 May 2023. The selling prices of Haval Xiaolong range from RMB139,800 to RMB156,800 while the selling prices of Haval Xiaolong MAX range from RMB159,800 to RMB179,800. Haval Xiaolong is positioned as a compact SUV while Haval Xiaolong MAX is positioned as a medium SUV equipped with the Hi4 four-wheel drive technology of Great Wall Motor.

**WEY High Mountain MPV****NEW**

WEY High Mountain MPV, the first WEY MPV model, was officially launched on 18 October 2023 with an official guide price of RMB335,800 to RMB405,800. Positioning as a medium-to-large high-end new energy MPV, it is equipped with the DHT-PHEV plug-in hybrid system comprising a 1.5T engine and a P4 motor. Its battery range is 175km under CLTC while its comprehensive range is up to 1,200km. With the design concept of “friendly with all things”, the extended administrative model has a length, width and height of 5,405mm, 1,960mm and 1,890mm with a wheelbase of 3,275mm, making it the longest MPV with the largest space in the current market among those under mass production.



## NEW MODELS TO BE LAUNCHED IN 2024

### TANK 700 Hi4-T

**COMING SOON**

Positioning as a new luxury off-road benchmark, TANK 700 Hi4-T is equipped with 3.0T Hi4-T technical architecture, filling the blankness in the industry. With a comprehensive power of 385kW and a comprehensive torque of 800N•m, it can provide an experience of 5 seconds in 0-100km/h acceleration, leading the new track of hybrid technology in the global market. Equipped with an active suspension of models pricing at RMB1 million and through the combination of air spring and CDC electromagnetic absorber, it can adjust the height of vehicles and the softness and hardness of the suspension. It can achieve the separation/connection of stabilizer bars through the electro-hydraulic system and rapidly complete the decoupling/connection of left and right wheels, breaking the bottlenecks of a majority of off-road vehicles.

### Shanghai Cannon PHEV

**COMING SOON**

Shanghai Cannon PHEV, the first large hybrid pick-up with high performance in China, was debuted on 17 November 2023 and will be launched in 2024. Shanghai Cannon PHEV is a new energy pick-up with long range based on the super-hybrid architecture of Hi4-T off-road vehicles. Focusing on the two cores of "green and performance", it offers the best solution to new energy pick-ups and leads the "era of 4.0 intelligent new energy vehicles under full scenarios" with advanced technology and hardcore products.

## Intellectual Property Protection

### Number of patents:

Up to 31 December 2023, Great Wall Motor Company Limited had been granted a total of 15,119 patents, including: 2,508 invention patents, 9,025 utility model patents and 3,586 industrial design patents.

In 2023, Great Wall Motor Company Limited applied for 4,369 patents and was granted 2,444 patents, including 342 invention patents, 1,818 utility model patents and 284 industrial design patents.

### Awards obtained:

In 2023, Great Wall Motor Company Limited won 4 national and provincial patent awards, including 1 Golden Award for Appearance Design in China and 1 Excellent Award for Patents in China, 1 First Prize and 1 Second Prize for Patents in Hebei Province. Up to 31 December 2023, Great Wall Motor has won a total of 9 Chinese Patent Awards, including 4 golden awards and 5 excellent awards.

### Intellectual property management:

The Company has set up a three-level patent management system with reasonable levels, scientific management and smooth operation: The first level is a company-level patent steering group composed of senior executives and technical experts in various fields; the second level is a patent department set up in the R&D division closely correlated to R&D. The department is responsible for global patent strategic planning, patent expansion, risk prevention and control, licensing operations and overall management of litigations, so that intellectual property can empower products and brands. The third level refers to the heads of patents in subsidiaries, who are mainly responsible for patent management in their respective entities. This management pattern makes the Company's patent strategic objectives clearer and its management methods more scientific and reasonable.

**Construction of intellectual property management systems:**

Great Wall Motor attaches great importance to technological innovation. Based on the compliant management of global intellectual property and in combination with the national standards under the Enterprise Intellectual Property Management Standards (GBT29490-2013) and the international standards under the Intellectual Property Management Guidance for Innovation Management (ISO56005), the Company established the systematic intellectual property management systems covering all sectors and chains, incorporated intellectual property management into all links of research, production, supply and sales and actively carried out the protection of high-quality innovation results. Meanwhile, it formulated over 20 intellectual property systems, including the Rules on Patent Management, the Rules on Patent Alarming Management and the Rules on Patent Incentives Management, covering application, protection, incentive, confidentiality and waiver of assessment. This ultimately enables the Company to carry out intellectual property work smoothly and effectively.

**Intellectual property digitalization and guarantee of incentives:**

Great Wall Motor comprehensively implemented the digitalization of intellectual property, improved the efficiency and quality of intellectual property management, and successively introduced a variety of patent retrieval databases and patent management systems. Currently, it has attained group-wide digital management of patent-related affairs. In order to encourage inventors to make contributions to the application, implementation and application of patents and according to the Rules on Patent Incentives Management, Great Wall Motor implements a monthly reward system which offers incentives throughout the life cycle of patents covering proposal making, application submission, authority granting and commercial application, and integrates the patent protection awareness of R&D personnel into day-to-day R&D activities, thus greatly stimulating the innovation and work enthusiasm of employees.

**Science and Technology Awards Received by the Company in 2023**



The project “Key Technology and Equipment for Flexible Precision Forming of High-performance Composite Material” won the first prize of the Hebei Technology Invention Award



The project “Technology and Application of Full-Strength Series High-Toughness Aluminum-Silicon Coated Hot Stamping Steel” won the first prize of the Technology Invention Award from the China Society of Automotive Engineers



The project “Technology and Application of High-Performance Off-Road Vehicle Powertrain” won the second prize of the Science and Technology Progress Award from the China Society of Automotive Engineers



The project “Key Technology and Application of Autonomous Driving Systems with Data-driven Iterative Enhancement” won the third prize of the Science and Technology Progress Award from the China Society of Automotive Engineers

## Product Quality and Safety

Great Wall Motor integrated the advanced quality management methods and its own actual conditions and explored a distinctive quality management model, namely the “overall quality management system” with product development as the main line and the integration of research, supply, production, sales and services, and obtained ISO9001 and IATF16949 certification. Under the quality operation model under continuous improvement with users as the center, the system relies on three bases, namely the IATF 16949 standard, the corporate culture of improving little by little every day and the digital and intelligent AI technology. Through the building of four pillars, namely quality systems, product improvement, institutional construction and digital construction, Great Wall Motor earned customers’ trust with compliance, environmental protection, safety and reliability, and surprised them with intelligent, trendy and co-created experience, developing a globally leading brand trusted by users.

In terms of R&D and in order to ensure the high quality and reliability of products, the Company integrates global resources and has in place world-class R&D facilities and systems. It has set up overseas professional R&D centres to build a global R&D network with Baoding headquarters as the core and covering Europe, Asia, North America, etc. Moreover, it has established a design quality assurance system with recurrence prevention and contingency prevention systems as the core and supplemented by reliability design, software quality, engineer education system and improvement of user experience and satisfaction, and has an interlocking assurance mechanism to ensure that design is done well in one go.

In the process of product manufacturing, first-class manufacturing equipment and strict process control are in place to ensure the high quality of each finished vehicle. By establishing a series of mechanisms such as quality meeting, standard operation procedure and own process completion to build a solid foundation and ensure execution, the Company has developed a quality culture at production sites where there are rules to abide by, rules must be observed and everyone is responsible, so as to continuously improve product quality and ensure that all products and processes meet the requirements of customers and all applicable laws and regulations. The Company has established relevant systems to safeguard the production process, ensuring that production capacities meet all emergency situations, and products have scientific inventory, and are reliable and safe.

The Company designs and manufactures products in accordance with international, national and industry standards to meet all kinds of customer needs to the greatest extent. On the basis of ensuring product quality, the Company also launched a service quality improvement scheme, improved product image and service quality through the innovation and reform of marketing services to create surprises for customers with value-added services and regularly conducted customer surveys to constantly improve customer satisfaction.

### Management and control measures on active and passive safety

#### 1. Safety vision

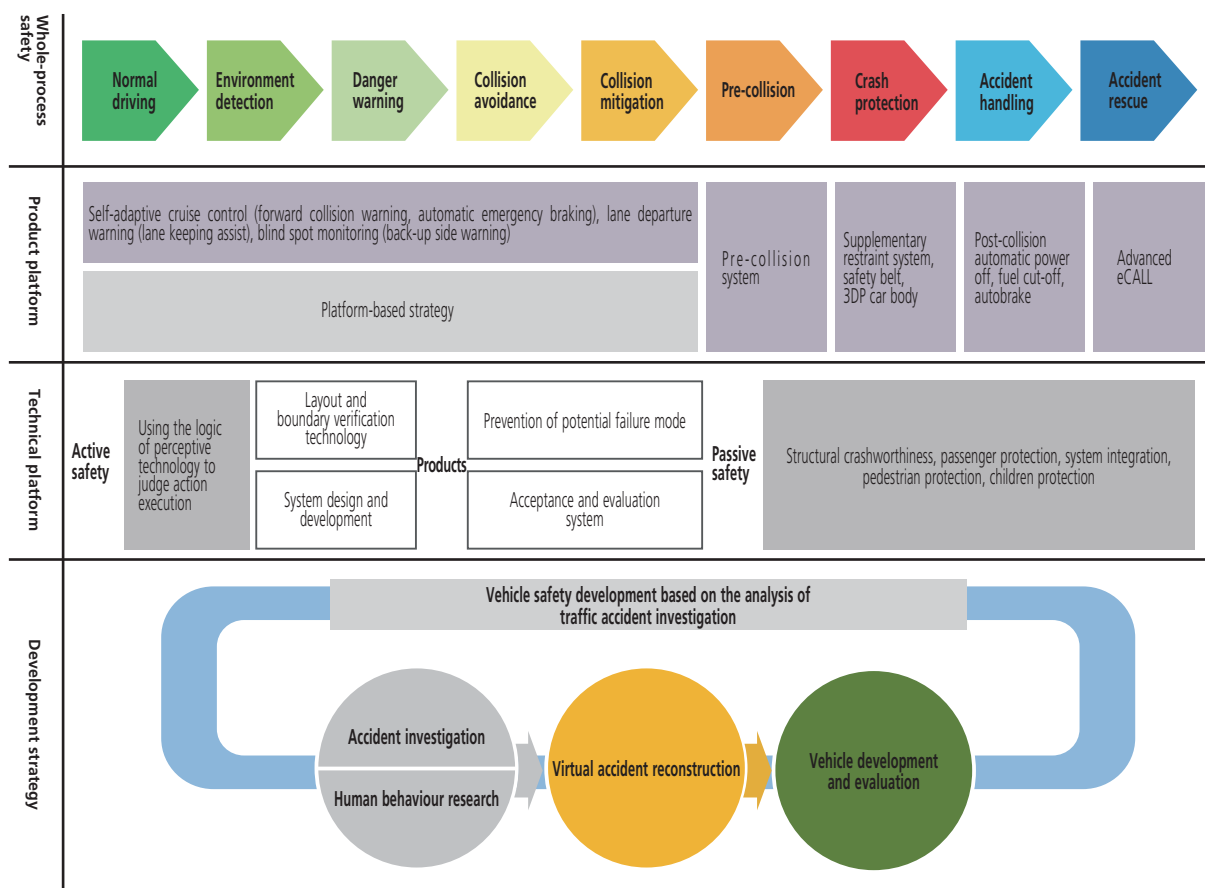
Great Wall Motor always adheres to the core concept of safety first. All development activities aim at zero traffic accident casualties in an ongoing effort to attain maximum driving safety and minimum accident injuries.

#### 2. Safety development concept

Upholding the overall safety concept of T-Safety, Great Wall Motor not only seeks to protect the safety of drivers and passengers, but also fully considers the safety of all traffic participants including automobiles, motorcycles, bicycles and pedestrians.

### 3. Technology system for safety development

Based on real road traffic environment and the characteristics of real-life traffic accidents, we focus on the “whole-process safety” of driving. Based on the development process of safety functions, we employ a combination of virtual analysis, experiments, tests and subjective evaluation to promote the establishment and upgrading of the product platform and technology platform, continuously improve the safety of our vehicles and ensure the overall safety of occupants, pedestrians and vehicles.



### 4. Functional safety

The Company closely followed the latest international and domestic standards on functional safety of road vehicles (ISO 26262), set up a functional safety team to develop in-house procedures for functional safety design and development, and our functional safety procedures have passed the TUV Rheinland functional safety procedures certification at present, fully covering OEM-wide vehicle, concept, system development, production, operation, service and decommissioning, and support processes. We organized company-wide training to foster a safety culture and atmosphere, and promote the application of safety standards in projects. Currently, such procedures have been applied to nearly 100 models on multiple platforms. The safety targets of our key parts including ESP (electronic stability programming), EPS (electric power steering) and ABM (air bag module) have reached ASIL (Automotive Safety Integrity Level) D, the highest functional safety level.



**5. Achieving product safety**

Based on the development concept of “overall safety” and the complete development system of safety functions, Great Wall Motor has obtained overseas and domestic NCAP five-star rating for dozens of its models. WEY Coffee 01 and ORA Funky Cat won the Best in Class of the year from the Euro NCAP. In 2023, the Company continued to focus on automotive safety technology. While meeting the evaluation on the NCAP star rating and insurance safety index, it strived to meet higher safety standards and safeguard the safety of users.

1. *Shanghai Cannon awarded AGGG appraisal by CIRI*

As the first pick-up under the sample test of CIRC Auto Technology Institute, Shanghai Cannon was awarded the highest “Good” rating in terms of passengers in vehicles, pedestrians out of vehicles and vehicle assistance and the “A” rating in terms of crashworthiness and repairing economy, representing the best results in the safety test.



No.	Manufacturer	Brand	Models tested	Class	Basic security configuration and vehicle model	Crashworthiness and repairing economy	Passengers in vehicles	Pedestrians out of vehicles	Assistant safety
1	Great Wall Motor Company Limited	Great Wall	Shanghai Cannon	Pick-up	CC1030RS22A (Extreme and basic models in 2023)	A	G	G	G

Note: 1. in the column of crashworthiness and repairing economy, \* indicates that the front airbag/seat belt is detonated in the front collision; 2. in the column of assistant safety, \* indicates the assistant safety evaluation results of high-end car models.

G Good    A Average    M Medium    P Poor

2. ORA Lightning Cat successfully passes X TOP Safety's collision challenge

On 14 April 2023, ORA Lightning Cat and Tianjin CATARC jointly completed the challenge on serial collisions at crossroads with a female dummy at the driving cabin under simulated rainstorms. The challenge mainly simulated serial collisions at the wet crossroad after the vehicle passed water. After collisions, major pressure-bearing parts of the vehicle, such as the B pillar, stiffener sills, roof side beams, experienced no structural deformation, providing sufficient survival room for passengers within the vehicle. The seat belt alarming of the two vehicles was triggered automatically and the primary airbag, side airbags and side curtain airbags were activated rapidly, protecting passengers within the vehicle. The vehicle experienced no electric leakage, fire or explosion with doors automatically unlocked and the emergency rescue system actively calling, reserving sufficient escape time and opportunities for passengers under emergency.

ORA Lightning Cat successfully completed the first test on high-speed spiral rollover and falling of electric cars in China in October last year. It smoothly passed the collision challenge with a female dummy at the driving cabin with outstanding performance. ORA Lightning Cat has successively passed two "high-standard challenges" in the automobile safety sector in half a year, which not only filled the test blankness in relevant sectors in China but also reflected ORA's consistent exploration in higher safety standards, increasingly setting new records in the collision safety tests on Chinese new energy vehicles.



3. WEY Blue Mountain passes the first lateral collision at the third row in the industry and creates a new high in safety

On 26 June 2023, WEY Blue Mountain and CAERI TOP Safety jointly organized the first challenge on "lateral collision at the third row in two-way movement" in the industry. The challenge simulated the travelling scenario of a family with two children where it was vertically hit at the third row by a vehicle mistakenly running the red light at a speed of 50km/h when it started crossing the crossroad at a speed of 16.7km/h. It passed the test with a comprehensive score of 100% on the injury of the dummy. WEY Blue Mountain inherits the safety gene of WEY and creates a new high in safety.

测试车型	评价项目	试验结果	最终评价
 <p>魏牌蓝山</p>	<b>结构表现</b> 车身 车门 燃油系统	乘员舱完整，乘员生存空间充足 碰撞后车门自动解锁，可顺利打开 燃油系统未发生泄漏	通过
	<b>约束系统</b> 座椅 安全带 气囊气帘	座椅安装点及座椅骨架无明显变形 安全带预紧功能启动，安全带未发生失效，乘员得到有效保护 侧气囊侧气帘正常点爆，有效保护乘员	通过
	<b>三电安全</b> 高压安全	碰撞后高压系统自动断电，整车高压防护满足要求 电池包无挤压，电解液无泄漏 电池包无位移、无起火、无爆炸	通过
	<b>假人伤害</b> 全车 假人伤害值	第一排主驾驶位男性假人伤害符合限值要求 第二排女性假人及3岁儿童假人伤害符合限值要求 第三排10岁儿童假人伤害符合限值要求	通过
	<b>挑战成功</b>		

## SUSTAINABLE DEVELOPMENT

### Carbon emissions from the product end:

#### 1. Foreword

As a representative of national automobile enterprises, Great Wall Motor has been fulfilling its corporate social responsibilities. It actively establishes global low-carbon automobile industrial chains and incorporates the concept of sustainable development into its corporate culture. It always adheres to the requirements on low-carbon and environmental protection throughout the industrial chains and maintains its investments in the R&D of green and clean energy.

As the first automobile enterprise publishing the timeline on “carbon neutrality” in China, Great Wall Motor deeply implements national strategies on carbon peaking and carbon neutrality and facilitates the achievement of dual-carbon goals with its technological strength. It has a professional management team on the full lifecycle of carbon emissions and makes plans on the R&D, supply, production, transportation, sale, use, retirement and recycling of vehicles in advance and establishes a circular ecological chain, consolidating the foundation for achieving the corporate target on carbon neutrality by 2045.

#### 2. Low-carbon design at the R&D end

In the R&D and design stage of vehicles, Great Wall Motor deeply practices the concept of green development. With product R&D as the core and technological innovation as the means, it promotes the green development and construction of the enterprise in various dimensions and insists on building green and sustainable products. As a master work in the green journey, WEY Blue Mountain integrates the low-carbon and environmental-friendly design concept into the full lifecycle. It reduced carbon emissions from the source through the lightweight design of vehicles, the application of low-carbon materials and their disassembly and recyclability. Meanwhile, it develops the highest hybrid DHT technology among vehicles at the same level, achieves carbon reduction at the user end and strives to develop green, low-carbon, healthy and environmental-friendly ecological vehicles.

#### Low-carbon product results in 2023:

### Case 1: Great Wall Motor Blue Mountain awarded “No. 1 Leading Low-carbon Vehicles in 2023” by Automobile Industry Energy Conversion and Green Development Evaluation Center

Great Wall Motor upholds the philosophy of “harmonious coexistence of people, vehicles and the environment” and deeply implements the national “3060” dual-carbon strategies. It firstly published the timeline on “carbon neutrality” among automobile enterprises in China. As a master work in the new energy journey of Great Wall Motor, WEY Blue Mountain adheres to the lifecycle low-carbon and environmental design concept and reduces carbon emissions from the source through the lightweight design of vehicles and the application of low-carbon materials. It achieves carbon emission reduction in manufacturing with intelligent equipment and green production process. It also develops the highest hybrid DHT technology among vehicles at the same level and achieves carbon emission reduction at the users’ terminal.

In terms of carbon emission reduction through the lightweight design and the application of low-carbon materials: Regenerated fibers account for 37% of the materials of the roof, columns and sun shields, reducing carbon emissions by approximately 30%. It reduces the vehicle weight by approximately 40kg and reduces the emission of carbon dioxide by 69,000 tonnes in the full lifecycle, which is equivalent to approximately 25,000 tonnes of standard coals or the annual carbon dioxide reserve of 2.96 million trees.

Green factories empower green manufacturing and reduce the carbon emissions in the manufacturing of WEY Blue Mountain. It leverages on the low-carbon and green factories of Great Wall Motor with “clean energy, low-carbon technologies and recyclable resources” and its photovoltaic and green power accounts for 25% of total power consumption. It adopts low-temperature solidification, heat pumps and other low-carbon processes and improves the recycling of energy through the improvement of re-circulating air, the use of waste heat and the reuse of reclaimed water.

The hybrid DHT is the new energy architecture independently developed by Great Wall Motor with the best efficiency for all speed ranges, the best driving experience and the highest intelligence. It can effectively reduce energy consumption, facilitate green travelling and also meets the core demand of users for long range, low fuel consumption and strong power.

In summary, the awarding of the “No. 1 Leading Low-carbon Vehicles in 2023” to WEY Blue Mountain by the Automobile Industry Energy Conversion and Green Development Evaluation Center shows Great Wall Motor’s corporate responsibility in practicing green and low-carbon development and its strong low-carbon R&D and manufacturing systems, making its contributions to speeding up in the achievement of the dual-carbon targets and responding to the global climate change by Chinese automobile enterprises.



### Case 2: Great Wall Motor ORA Funky Cat Awarded Five-star Rating with Highest Score among 29 Models under EU Green NCAP in 2023

ORA Funky Cat performed well in terms of clean air, energy efficiency and greenhouse gas emission. Its clean air index, energy efficiency index and greenhouse gas index was 10/10, 9.5/10 and 9.8/10, all ranking the first. When charging with 11 kW under the “energy efficiency tests”, the overall efficiency from the grid to the output side of the battery reaches 93.2%, creating a new record in the tests. Green NCAP officially believed that ORA Funky Cat is prepared for entering into the European market.



**Control of in-vehicle air quality:**

Great Wall Motor carried out the development and construction of the healthy cabin system and conducted management and control on the entire industrial chains, guaranteeing healthy interior decoration from raw materials, auxiliaries, production process, packaging, warehousing and logistics. At the same time, it adopted efficient and intelligent purification technology and multi-functional fragrance in combination with driving scenarios to continuously improve users’ experience.

Great Wall Motor always gives priority to health and safety. In order to improve the health of drivers and passengers, the Company completed the development of all water-based microfiber leather, solvent-free PU leather, silicone leather, physically foamed PVC leather and other environmental-friendly materials and promoted their application in new vehicles to continuously reduce volatile substances and improve the smell in vehicles. Meanwhile, it used antibacterial and antiviral leather fabrics to resist common bacteria exposed to passengers and improve the healthy quality in vehicles.

To achieve comprehensive protection under different driving scenarios, we established the functional platform for healthy cabins. Through the upgrading and iteration of cleaning systems, ion purification technologies, in-vehicle antibacterial and disinfection systems, air-conditioning system purification, high-efficiency and low-resistance filtering and other technologies for smart cabins, it practiced the core concept of building “healthy cabins” for users.

In recent years, the Company’s models have achieved various outstanding results in authoritative evaluations led by China Quality Certification Centre, China Automotive Engineering Research Institute, China Automotive Technology and Research Center and China Auto Environment Forum.



WEY Blue Mountain passes certification on “Green Cabins with Children Priority”



WEY High Mountain passes certification on “Zero-formaldehyde Vehicles”



ORA Lightning Cat awarded “Five-star Healthy Vehicle” by China-Automobile Health Index

Great Wall Motor will pay continuous attention to user demands and continue to provide more considerate and comprehensive care for users’ health in combination with the driving scenarios with low smell, low VOCs, healthy environment, comfortable atmosphere and personalized health services in vehicles.

**Control and replacement of hazardous substance in automobile materials**

In order to ensure that automotive materials are environmental-friendly and harmless, Great Wall Motor abides by the GB/T 30512-2014, the sensitization assessment standards on interior materials and other domestic regulations on prohibited and restricted substances and promotes the elimination of the intentional use of heavy metal, hazardous dyestuffs and plasticizers in the whole supply chain. Through the connection of the material data transmission platform in the industry with the internal material management system of the Company, it controls the unintentional introduction of restricted substance in the entire supply chain without exceeding the limit. At the same time, Great Wall Motor incorporates REACH, POPs and other prohibited and restricted substances under EU regulations into control and ensures the parts and materials meeting overseas stricter standards on environmental protection to improve the global quality.

## Supply Chain Management

Supply chain management is an important part in the sustainable development of the Group. We continuously improve the lifecycle management of suppliers and integrate ESG into the risk identification and routine management of supply chains. With insisting on the user-centered principle, we have built a global, agile and robust supply chain system with high quality-price ratio.

Great Wall Motor Company Limited joined the Sustainability Assessment Questionnaire (SAQ), a globally recognized standard on the sustainable development of the automotive industry, in 2021. It evaluates the sustainability performance of suppliers on corporate management, human rights and working conditions, health and safety, business ethics, environment, responsible supply chain management, responsible purchase of raw materials and other aspects through the SAQ system and organizes the improvement of weaknesses. Meanwhile, it is an important approach to fulfill social responsibilities of the enterprise. It incorporates environmental, social and governance factors into the strategies, operation and supply chains of the enterprise to facilitate the management of the brands of the enterprise, the optimization of its operation targets and the continuous improvement.

## 受全球品牌的信任












In July 2023, we released the Notification on the Sustainable Development of Suppliers of Great Wall Motor to standardize the requirements on working environment and human rights, health and safety, business ethics and environmental protection. It explained the Group's requirements on sustainable development to suppliers and required careful implementation by them.

Based on needs in business development, we formulated the Control Procedures on Suppliers and other management documents to select and evaluate suppliers in multi-dimensions. We carried out management activities on supply chains to develop stable and reliable supply chain systems:

Selection of suppliers	Development control	Procurement management	Quality management	Performance evaluation
<ol style="list-style-type: none"> <li>1. Developing demand</li> <li>2. Recommending suppliers</li> <li>3. SE communications</li> <li>4. Determining suppliers</li> </ol>	<ol style="list-style-type: none"> <li>1. Selecting suppliers</li> <li>2. Entering into technology development agreements</li> <li>3. Determining plans/on-site review</li> <li>4. Trial assembly/mass production</li> </ol>	<ol style="list-style-type: none"> <li>1. Procuring samples/trial components</li> <li>2. Confirming orders/implementing procurement</li> <li>3. Examination on goods/warehousing</li> <li>4. Billing/payment</li> </ol>	<ol style="list-style-type: none"> <li>1. Identifying quality problems and summarizing information</li> <li>2. Handling quality problems</li> <li>3. Monitoring the rectification process</li> <li>4. Verifying effectiveness</li> </ol>	<ol style="list-style-type: none"> <li>1. Recording problems</li> <li>2. Confirming problems and issuing feedback on abnormal conditions</li> <li>3. Creating performance and formulating report</li> <li>4. Results handling</li> </ol>

**1. Supply chain platform**

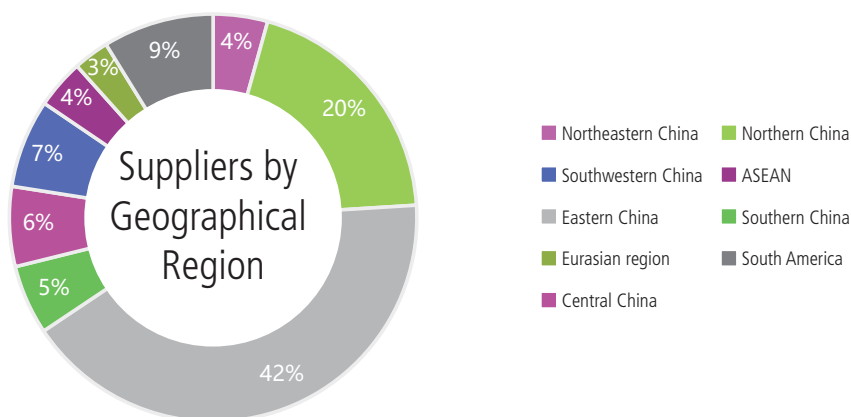
To achieve end-to-end interactions of suppliers and in the principle of being fair, equitable, simple and transparent, Great Wall Motor built a unified supplier interaction platform-the Digital Procurement System (the DPS) and achieved online cooperation on all businesses. The DPS achieved high-efficiency synergy in the whole business chains covering new supplier access, quotation and nomination of new projects, quality data, delivery and settlement and enhanced the synergetic efficiency and the organization and integration capabilities of supply chains. The system is divided into five segments. The source searching in wide areas supports new supplier access. Online quotation guarantees fair and equitable nomination process. The quality segment can obtain the quality performance in a timely manner and boost product improvement. The delivery synergy builds a one-stop platform from demand to delivery. The reconciliation and settlement can achieve visual presentation of the accounts of both parties. It will become a unified platform of Great Wall Motor for supplier interactions and synergy.

**2. Introduction of suppliers**

During the introduction of suppliers and based on the requirements of the Standards on Potential Supplier Access Management, the Checklist of Suppliers and other systems, the Company forms a multi-dimensional evaluation model on the operation and management capabilities, the technological R&D capabilities as well as quality control and manufacturing capabilities. It requires suppliers to enter into the Sunshine Agreement, the Confidentiality Agreement, the Procurement Contract, the Quality Agreement and other documents after introduction and conducts evaluation in accordance with the Control Procedures on Suppliers and other management systems. Meanwhile, it evaluates and updates various standards and system documents from time to time to ensure the consistency of the management of suppliers with the development of the Group, leading standards in the industry and changes in domestic and overseas policies.

Based on the Company’s strategy and stakeholders’ needs, we have built a supply chain system that is highly aligned with the Company’s strategy. We strengthened supplier management and evaluated the social responsibility management of suppliers and their supply chains from multiple dimensions including humanity, environment, safety, control of hazardous substance, law and regulation compliance and trade security and enhanced environmental and social responsibility impact assessment. Quality, technical, procurement and other professionals will be arranged to carry out on-site audit on suppliers and their subordinate secondary and tertiary suppliers. The suppliers are required to pass the IAFT 16949 certification and the ISO 14001 certification, and in particular, 100% of primary suppliers are required to pass the IAFT 16949 certification, and some of secondary and tertiary suppliers are required to pass the IAFT 16949 certification and the ISO 14001 certification, to ensure that the development, production, quality control, delivery capacity and sustainable development of the products of suppliers meet the requirements, so as to better assure the delivery of quality products to end-users. The Company strictly controlled the access threshold of suppliers and introduced 43 suppliers in 2023.

In respect of number of suppliers, the Company has more than 1,300 key suppliers, all of which are excellent ones in the industry, with globally-renowned suppliers accounting for more than 30%. In 2023, 100% of suppliers passed the certification under the supplier quality system of Great Wall Motor and the geographical breakdown is as below:



### 3. Supplier management

#### ① Supplier assessment management

Suppliers are subject to regular performance assessments covering the dimensions of technical capabilities, quality, cost, delivery and environmental governance. The assessment results are classified into four grades, i.e. I, II, III and IV, representing good to bad performance respectively, which are taken as a reference for rewarding and punishing suppliers. Suppliers failing to meet requirements consistently will be eliminated. The Company pays close attention to the quality, safety, humanity, environment, management and control of hazardous substance, compliance with laws and regulations as well as other elements of subordinate suppliers, and confirms these elements with the relevant primary suppliers.

#### ② Risk assessment

Great Wall Motor formulated the Compliance Management Manual on Export Controls and Economic Sanctions and included compliance terms in procurement contracts to implement restrictions on suppliers. Through the connection of the GSCP and DPS systems, it achieves the automatic sorting and alarming on real-time information of the blacklist of trade control and handles abnormal conditions identified in a timely manner to ensure the risks under control.

Great Wall Motor conducts regular assessment on the sustainable development of suppliers. It carries out assessment and investigation on suppliers and their subordinate supply chains according to the sustainability evaluation terms on corporate governance, human rights, health and safety, business ethics and environment in the Sustainability Assessment Questionnaire, inspects on whether the suppliers have complied with the policies and requirements on sustainable development and proposes suggestions for improvement.

#### ③ Sunshine procurement

Through establishing mechanisms, putting emphasis on integrity building, and improving digital and intelligent services, the Company empowers its organizational transformation and capability enhancement. The Company standardizes the integrity management of both parties in the cooperation and prevents and eradicates corruption from the source. It protects the rights and interests of both parties not to be compromised and builds a fair, equitable, simple and transparent cooperation environment as well as a professional partnership with mutual benefits and win-win results. To facilitate business partners to understand the integrity requirements of Great Wall Motor, the Company formulated the Integrity Standards on Business Partners and notified its partners. It also conducts the publicity and provides guidance on anti-corruption and other contents on its official website.

The Company continuously boosts efforts in promoting sunshine procurement. It formulated the Anti-Corruption Policies to regulate the behaviors of employees and suppliers, established integrity management processes and required the filing of internal/external sensitive matters as well as filing before and after travelling to create a “fair, equitable, open and transparent” cooperation environment. As a precondition for cooperation, suppliers shall sign the Sunshine Agreement. The Company has joined the Anti-Fraud Alliance. For suppliers in violation of the Anti-



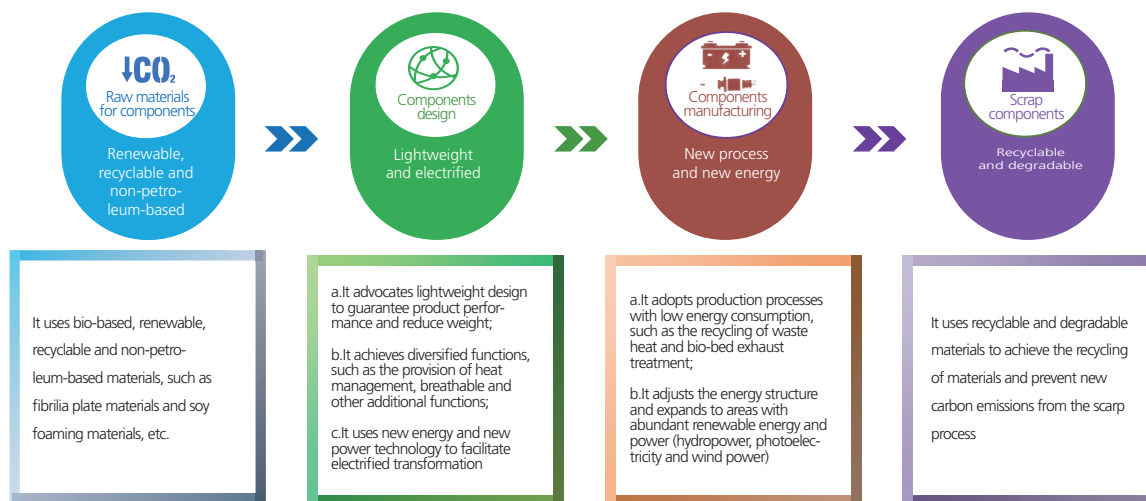
Corruption Policies of the Company, they will be included the blacklist of partner suppliers of Great Wall Motor and their information will be uploaded to the Sunshine Honesty System. They will receive corresponding punishments and be published to other members of the Anti-Fraud Alliance based on the seriousness of the conditions. For employees in violation of the Anti-Corruption Policies, the Company will impose warnings, fines, dismissal and other punishment measures based on the seriousness of the conditions. Those with serious conditions will be transferred to public security or juridical authorities for handling. The Company achieved systematic operation in main links of the procurement process with traceable, efficient and transparent operations.

#### 4. Sustainable development of suppliers

Supplier training: Despite variables and challenges in the automotive market, Great Wall Motor adheres to the concept of coordinated development and works with its supplier partners to build a full industry chain cooperative ecosystem. We attach great importance to the capability building of suppliers. We organize lectures, communications and trainings on sustainable development, professional technology, quality management and control and anti-corruption for primary and secondary suppliers of different nature annually and irregularly. We carried out special training for a total of 197 major suppliers throughout the year of 2023 to help them enhance their energy-saving and carbon-reducing capabilities. In addition, we hold regularly the meetings of suppliers, “tech day” events and other activities to communicate with suppliers on internal demands and the latest standards on the industry, specifying the targets and development orientations of both parties, with the view of building a sustainable supply chain to achieve win-win results through cooperation with sincere partners.

Suppliers' sustainable development review: We also actively integrate the concept of sustainable development into the routine management on suppliers. We integrate the resources along the entire supply chain, and build a new green ecosystem by promoting the use of recyclable and renewable materials, and manufacturing with green energy, to establish a green supply chain. We actively choose environmental – and social-friendly suppliers and conducted certification on environmental management system of 63% of suppliers newly introduced in 2023. Meanwhile, Great Wall Motor carried out on-site low-carbon evaluation and review on 16 primary and secondary suppliers. Great Wall Motor has **developed the first Low-carbon Supplier Evaluation Standard in the automotive industry** according to domestic and international carbon reduction standards, to build its green, sustainable and flexible supply chains. In 2023, 25 suppliers were evaluated with the view to guiding them to reduce emissions through low-carbon evaluation, improving their carbon management level and promoting low-carbon development of their supply chains.

Under the background of the national “3060” carbon targets and international carbon neutrality policies, energy conservation and emissions reduction in the automobile industry has become a general trend. We identify factors affecting carbon emissions from four links of supply chains, namely raw materials for components, components design, components manufacturing and scrap components, and formulated management and control measures to build sustainable and green supply chain management systems.



## Dealer Management and Training

In 2023, Great Wall Motor insisted on impressing customers with sincere services, continuously promoted the strategic program on winning at the end and stayed true to its original aspirations in services in the era with intensified competitions. In 2023, it expanded the layout on different models, focused on the new energy vehicle business and provided customers with more choices to meet their needs. It upgraded its shop image and enhanced the building of the atmosphere at show rooms to create a cozy shopping atmosphere for customers. It refined service standards and provided differentiated and considerate services to create VIP service experience for customers. Great Wall Motor always delivers a quality service experience throughout the full life of users from purchase to use, so as to comprehensively enhance the reputation of its brands.

In terms of the protection of customers' rights and interests, Great Wall Motor officially upgraded and released new service commitments in 2023, allowing users to enjoy quality and professional services throughout the full cycle from car viewing and purchase to use. Great Wall Motor released 7 terminal service commitments, including 4 service guarantees and 3 service propositions, covering the full cycle from car viewing and purchase to post-sales services. It comprehensively improved the experience of users and practically solved their problems.



To further boost the customer experience in sales services, it released the service concept of Great Wall Motor with the focus on "equality, confidence, professionalism and efficiency" in 2023 and comprehensively upgraded the service standards. It upgraded and refined management standards with the focus on four dimensions, namely people, vehicles, shops and key journeys, and introduced new uniforms and standards on service and etiquette to build a brand new first image of Great Wall Motor. With the focus on three key processes, namely reception, test drive and delivery, it upgraded the standards to create differentiated VIP service experience in the industry. In the process of sales reception, it promoted fast reception within 30-60 seconds to ensure the timeliness in customer reception. It offered deferred services and door-to-door test drive to meet personalized demand of customers and improve perceptible key actions in customer services. It upgraded VIP delivery standards. Through advance delivery preparation, ritualized delivery scenarios and professional delivery materials, it built car delivery into satisfaction beyond expectation to improve customers' recognition over its brands and products.

To meet the demand of customers for vehicle use and maintenance, Great Wall Motor continuously developed the service experience in four key processes covering "convenient appointment, VIP reception, comfortable lounge and surprising delivery" in the post-sales service sector. It optimized appointment paths for users to provide convenient appointment; rapidly received customers at shops to reduce waiting time and offer VIP reception services; created a quiet environment in lounge and provided exquisite meals to offer comfortable lounge for customers; and explained cautions in care use and provided small gifts upon delivery to provide satisfactory delivery with surprises. Meanwhile, to enhance the transparent and intelligent experience in the whole process of users' services, it launched transparent inspection in advance, star gazing, door-to-door delivery, service butler group and other diverse featured services. On the basis of services at key processes and diverse featured services, the Company provided customers with excellent service experience beyond their expectations, effectively enhanced users' trust in services and built an excellent service reputation.

In terms of customer care, Great Wall Motor conducted "Spring Festival + Four-season" Service Festival throughout the year and offered at least 4 surprise benefits each session. Through diverse and systematic user care activities such as free rescue in spring, door-to-door services in spring, star gazing in summer, vehicle sterilization in autumn and safety and health examination in winter, the Company continuously created an excellent experience for users in car use. It offered free inspections on May Day, Mid-Autumn Day, National Day and other peak travelling holidays to safeguard the travelling of users. Meanwhile, through the linkage with users through various platforms and different topics, it developed post-sales services with humanistic care for car owners, fully demonstrating the "user-centric" brand concept.

After sudden rainstorms hit Beijing and Hebei in August and an earthquake hit Gansu and Xinjiang in December, Great Wall Motor immediately initiated the contingency plan and cared about the life and property safety of each user. It carried out rescue and provided free rescue, free inspections, rapid claim settlement with insurance, green channels for repairing and supply of parts, preferential repair and maintenance, vehicle disinfection and other services to practically meet the demands of users in disaster-hit areas. It stayed together with people and car owners of Great Wall Motor in overcoming difficulties with practical actions.

Meanwhile, to deepen the comprehensive ToC core strategy of the enterprise, all brands of Great Wall Motor continuously carried out user experience activities and invited customers to truly and deeply experience products. Through the displaying of the roles in supervision by customer representatives and the linkage and co-creation with manufacturers and customers, it improved the reputation among end-users.

In order to improve customer satisfaction on service experience, Great Wall Motor continuously conducted surveys on customer satisfaction and collected the voices of customers through telephone and online channels. It evaluated the service quality of dealers with the focus on six aspects, namely environment, reception, test drive, bargaining, delivery and care, in sales and six aspects, namely reception, process, quality, lounge, delivery and care, in post-sales services. Meanwhile, supported by video monitoring on the whole network, unannounced inspections and other means, it ensured the implementation of processes by dealers and guaranteed customers' rights and interests. At the same time, the ORA brand organized the improvement of services throughout 2023 to stimulate the service enthusiasm of frontline employees at terminals, promote the improvement of overall services of dealers, build service brands and boost users' confidence.

Great Wall Motor upholds the "customer-oriented" service philosophy, focuses on five dimensions of terminals, namely "people, vehicles, shops, customers and systems", continuously optimizes standards of terminal services and pays close attention to the full life from purchase to use by users. Leveraging on the implementation of the service campaign on "winning at the new end", it provides users with exclusive, efficient and professional service experience. In "China Automobile Customer Satisfaction Index (CACSI)" assessment in 2023, the Haval and TANK brands of Great Wall Motor won the first place (tied) in "Sales Service Satisfaction" and "Post-sales Service Satisfaction" among domestic brands.

Manufacturer brand	Type	Rank
Haval	Post-sales service (local brand)	1 (tied)
TANK	Post-sales service (local brand)	1 (tied)
Haval	Sales service (local brand)	1 (tied)
TANK	Sales service (local brand)	1 (tied)

Model	Market segment	Rank
Third-generation Haval H6	Compact SUVs at RMB100,000-150,000	1
Haval Dargo	Compact SUVs at RMB100,000-150,000	1 (tied)
Second-generation Dargo	2023 new model of market attention (SUV)	1
TANK 500	Hard-core SUV	1 (tied)
WEY Blue Mountain	Plug-in hybrid SUV	1 (tied)



In terms of dealer training and to cultivate high-quality dealer talents with users as the center and truly understanding users, Great Wall Motor assisted dealers in developing the users' thinking through systematic trainings on new employees, products and technology to provide professional services for users, build users' trust and actively fulfill the responsibilities and undertakings to the society and users.

In the current era with new energy vehicles leading the development of the automobile industry and gaining favor from users, Great Wall Motor boosted trainings on core technology and products of new energy vehicles for sales staff of dealers based on users' demand. During the launch of new and modified new energy products such as Haval Xiaolong, Haval Raptor, WEY Blue Mountain, WEY High Mountain, TANK 500Hi4-T and TANK 400Hi4-T and through guiding dealers to visit vehicle and core components plants, experience Xushui proving ground in person, test drive under urban/off-road and other various scenarios, simulated exercises under racing scenarios, joint creation of sales pitches as well as short videos on product highlights, pitches cards and other useful sales means, it helped sales staff strengthen the knowledge on the concept of new energy products, the highlights of products, the Hi4/Hi4-T hybrid technology and the off-road technology of Great Wall Motor as well as the understanding of the driving and life scenarios and personalized demand of users, allowing them to recommend the most needed and suitable products to customers with professional service capabilities to win customers' recognition.

Meanwhile, Great Wall Motor comprehensively upgraded the course system on rapid training of new staff in new dealer stores, covering a total of 19 core and key positions from the general manager to frontline personnel from the perspectives of brand, products, procedures and management. In 2023, trainings for new staff of new stores covered five brands, namely Haval, WEY, TANK, ORA and Pickup, and promoted business introduction among new staff of dealers. A total of 9,878 participants were trained through online + offline means, promoting the general improvement in the fundamental capabilities of dealers and meeting the lifecycle demand of users from vehicle purchase and repair to replacement. Meanwhile, it carried out two rounds of programs with professional and technical staff visiting stores, covering 18,429 participants. It further consolidated the product marketing capability and the customer service concept at stores and continuously offered high-quality services.



It carried out trainings on the launch of Haval Raptor and organized test drive on roads for trainees to comprehensively experience the product performance and guarantee more professional interpretations to customers.



Special training camp for new stores conveys the brand history, core technologies and service concepts, builds confidence for terminals and guides them to improve services through trainings at the headquarters and visits to technology centers and factories.

To improve the professional skills of terminal maintenance technicians and bring customers with better after-sales service experience, Great Wall Motor achieved full coverage of the launch of new products, new staff at new stores, position certification and special technical trainings. It carried out a total of 12 offline technical trainings with the coverage of 5,746 terminal maintenance technicians in 2023. Meanwhile, Great Wall Motor is committed to continuously improving technical training course systems. It innovated training models, comprehensively improved the professional capability of terminal maintenance technicians with highlights on theoretical explanations in online live videos and practical operation and drills in offline trainings and developed professional technical teams on after-sales services to solve customers' problems on vehicles with the highest speed and the minimum cost once for all. It is our forever pursuit to satisfy customers.



Technical trainings on certification of primary positions of Haval/Pickup to improve professional skills of maintenance technicians and standard maintenance

Great Wall Motor continuously promotes the reform of the empowerment of trainings and always focuses on users' needs. Through continuous trainings on dealers in developing the awareness on users and new energy as well as professional capabilities, it provides users with outstanding vehicle and service experience and returns users' support and trust with high-quality talent teams.

### Protecting the Rights and Interests of Customers

#### Responsible Marketing:

Great Wall Motor advocates the value of compliance operation, always adheres to the business philosophy of fairness and honesty, actively protects and safeguards the legitimate rights and interests of its users, and pays attention to the protection of the rights and interests of consumers, especially vulnerable purchasers in the consumer market.

#### (I) Advertising compliance

In order to ensure that consumers are provided with accurate and fair product information, Great Wall Motor continuously strengthens advertising compliance management, and standardizes the advertising compliance review process in accordance with the Advertisement Law of the People's Republic of China, the Law of the People's Republic of China Against Unfair Competition and other relevant laws and regulations, industry standards and compliance guidelines, and constantly pushes forward the implementation of the "Measures for the Management of Legal Compliance in Advertising" and the "Guidelines for Legal Compliance in Advertising", through deep interpretation of the compliance management measures and compliance guidelines, case show and the Q&A on compliance, to continuously improve the advertising compliance level of all staff, carry out review, rectification, follow-up and systematic prevention and control of risky advertising materials, and effectively guarantee that consumers receive true and reliable information.

In addition, based on its understanding of sustainable marketing and brand awareness in the industry, Great Wall Motor not only meets consumer needs during its entire production and operation process, but also strives to achieve the ecological, economic and social sustainability, and is committed to sustainable energy development while building long-term relationships with consumers. To this end, as early as 2021, Great Wall Motor announced its goal of "carbon neutrality" by 2045, and has taken it as its responsibility to promote energy revolution. Great Wall Motor adheres to long-termism, insists on energy change, technological change and user experience change, and continues to increase efforts on the promotion and launch of new energy vehicles while promoting energy saving and carbon reduction at various aspects of its supply chain, production and operation.

**(II) Fair Competition**

In accordance with the Anti-monopoly Law of the People's Republic of China, the Anti-Monopoly Compliance Guidelines for Undertakings and other relevant laws and regulations, and compliance guidelines, Great Wall Motor has formulated the Anti-Monopoly Compliance Guidelines to guard against legal risks in its investment and daily operation through the interpretation of laws and regulations, analysis of typical cases, and review of business processes, so as to enhance its operational compliance management level as well as its competitiveness in the international market, and build up a compliance brand to achieve steady development.

**Responsible Product Recall:**

For automobile quality control and recall of defective products, the Company has conducted comprehensive study and implementation on automotive recall activities since the implementation of the Administrative Provisions on the Recall of Defective Automotive Products in 2004 and formulated complete implementation processes. It established the Management Measures for Product Recall of Great Wall Motor and formulated the Administrative Provisions on the Recall of Defective Automotive Products in International Markets in combination with overseas laws and regulations. From problem reporting to correction and prevention and to product recall, there are rigorous procedures in each step to ensure quick and effective product recall.

**Customer Complaint Management:**

Great Wall Motor upholds the customer-oriented service philosophy, and strives to deliver an exceptional service experience to users. In addition, the Company has set up the nationwide customer service hotline 400-666-1990 to provide 7\*24 service for users throughout the year.

To ensure that customers' complaints are handled promptly and effectively, Great Wall Motor formulated the Management Standards on Handling of Customers' Problems, the Management Standards on Improvement of Complaints and other management measures on customer complaints. At the dealer level, we formulated the Business Management Standards of Great Wall Motor to achieve synergy between manufacturers and dealers and pay particular attention to the standardised, humane and differentiated management of service procedures, maintenance capabilities, personnel quality and hardware strength, and deliver an exceptional service experience throughout the useful life from purchase to use, so as to enhance the service reputation of our brands. In 2023, the Company received a total of 220,496 complaints from users, and guided dealers to handle 100% of the complaints through the customer service system.

**Emergency Service Guarantee:**

The Company carried out work on emergency service guarantee in the principle of "respecting facts and putting the life and property safety of customers first". Great Wall Motor has established emergency response and handling teams with quality and sales heads as team leaders. It has planned emergency response proposals in advance based on traffic accidents, fire disasters, extreme weather and natural disasters and other emergency accidents of different models under different scenarios. It coordinates with manufacturers and dealers, carries out on-site surveys, rescue and handling with quick response and actions and assists customers in properly solving the problems to improve customer satisfaction. Based on the technical features of new energy models and in combination with procedures and systems of emergency services, Great Wall Motor developed training courses and regularly organizes relevant trainings on emergency response and services for providers of sales services to guarantee that providers of sales services master professional knowledge on urgent and emergency handling and meet the required capability on the implementation of emergency response and handling plans.

**Consumer Data and Personal Information Protection:**

Great Wall Motor strictly abides by the Cybersecurity Law of the People's Republic of China, Data Security Law of the People's Republic of China, Personal Information Protection Law of the People's Republic of China and other relevant national regulations, and fully performs its data protection obligations as a network operator to ensure the full protection of consumers' personal information and privacy and users' legitimate rights and interests.

(I) *Global data security and compliance organs*

The Company has established data security and compliance organs covering the whole world, so that all business units can assume responsibility for data security and the legal use of personal information. The Company has set up a data compliance officer to coordinate and manage data security and compliance, and has the data compliance office to promote the establishment of the Company's data compliance system and supervises its implementation. The person in charge of each business unit is directly responsible for the data compliance of the unit, and a dedicated compliance department is established to ensure the implementation of compliance assurance work. Data security and compliance organs from top to bottom can ensure that there is a good governance structure to perform obligations for consumer data and personal information protection and implement all management requirements.

(II) *Performance of hierarchical protection obligation*

According to the requirements of the Cybersecurity Law for hierarchical protection of network security, the Company actively determines the levels of important business systems for hierarchical protection, and applies Level 3 for all business systems dealing with a large amount of customer information. After being reviewed by industry experts for level determination, the relevant business systems have been filed with the cyber security authority and received the evaluation and inspection of hierarchical protection by an evaluation agency certified by the Ministry of Public Security. According to the evaluation results of the professional agency, the evaluation pass rate of the Company's systems under Level 3 protection is 100%, which proves that the relevant systems have mature network security protection capabilities.

(III) *Comprehensive security protection technology*

On the basis of building a defence-in-depth system for data security protection, the Company has developed multi-level, multidimensional data security protection capabilities to resist all kinds of external attacks and unsanctioned access by internal staff. With monitoring equipment all over the Company's network, abnormal activities can be identified promptly to reduce the potential safety hazards to consumers' data to the maximum extent. Any business system provided by the Company is subject to strict security review and testing, including compliance review on the protection of consumers' personal information rights and interests, so as to ensure the safe and legal use of data in the business system.

(IV) *IoV product development security*

For the development security of Internet of Vehicles (IoV) products, the Company, based on the R155 Cybersecurity Management System, the Management Standards on Vehicle Information Security, ISO 27001, ISO 27701, GDPR and Certain Management Rules on Automobile Data Security and with the support of external professional agencies such as PWC, Vecentek, DNV, PCCW, DLA and TÜV Rheinland, has established a vehicle security management system and a data compliance management system for the IoV of Great Wall Motor to implement security and compliance management measures and employ compliance technologies in a standard and procedural way. In October 2021, the Company passed the ISO 27701 Privacy Information Management System certification. In September 2022, the Company passed the CSMS certification. In November 2023, the Company obtained the VTA certification issued by the EU KBA for its first model in the EU.

According to the classification of data sensitivity under relevant laws and regulations and the relevance of data to individuals, personal data is classified into multiple levels (S1-S5). Based on the characteristics of the six different stages of data life cycle (collection, transmission, storage, processing, sharing and destruction), the Company formulates corresponding technical schemes for compliance, develops measures for project privacy compliance management, and implements privacy compliance procedures and standards from the perspectives of product execution and project execution based on the characteristics of the project life cycle, thus ensuring the implementation of security measures by responsible persons.

(V) *Data security and compliance training*

To enhance employees' awareness of data security and compliance, the Company organises trainings regularly for designated personnel to acquire relevant knowledge and skills. The Company provides information security awareness trainings for newly-hired college graduates to enable them have information security awareness at the early stage of their careers. The Company holds the event of "Information Security Awareness Month" every year, to carry out information security publicity by organizing information security awareness publicity and trainings, posting information security posters and other means. In 2023, the Company organised 9 trainings on data compliance, and provided trainings for 100% designated personnel to improve their data compliance skills, and in addition, it also conducted targeted training for different groups of employees regularly.



## EMPLOYEE CARE AND GROWTH

### DIVERSITY AND OPENNESS AND ATTRACTION OF TALENTS

Great Wall Motor always adheres to the employment concept of “not being bound by restraints and making the best use of skills”, actively creates a fair, impartial, simple and transparent working atmosphere, continuously improves talent guarantee mechanisms on employment and cultivation, remuneration and incentives, health and safety and introduces outstanding global talents with an open, equal and inclusive attitude.

The Company always upholds and firmly abides by the UN Universal Declaration of Human Rights, the International Labour Convention and other international standards on human rights. It strictly observes laws and regulations including the Labour Law of the People’s Republic of China and the Labour Contract Law of the People’s Republic of China. The Company specifies requirements in the Recruitment Management Systems, actively establishes a fair, democratic and competitive employment mechanism with the selection of outstanding talents and adheres to equal and standard employment.


### DIVERSITY AND EQUITY AND COMPLIANCE IN EMPLOYMENT

- ◆ Opposing to discrimination in employment: It resolutely eliminates discrimination based on aspects including gender, ethnicity, race, religion, nationality, physiological conditions and marital status in the recruitment process.
- ◆ Strictly prohibiting the employment of child labour and forced labour

The Company strictly abides by the Provisions on the Prohibition of Child Labour and other laws and regulations. It strictly examines the identity information of candidates in recruitment and prohibits the employment of child labour and forced labour to safeguard social morality and the authority of national laws. During the reporting period, the Company was not involved in any cases related to the employment of child labour or forced labour.


- ◆ Firmly resisting harassment

The Company creates a harmonious and friendly working atmosphere with mutual respect for employees. It strictly prohibits various forms of harassment, malicious slanders and malicious whistle-blowing. Similar conducts will be dealt with seriously once identified. During the reporting period, the Company was not involved in any cases related to harassment.




**0** Discrimination in employment / Forced labour / Employment of child labour / Violation of the Personal Information Protection Law

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In 2023, the Company newly recruited **576** physically challenged employees, representing an increase of **95** as compared with the corresponding period


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**317** foreign employees



from **23** countries/regions



**3,475** employees of ethnic minorities from **35** ethnicities

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◆ Valuing the protection of personal information of employees

In accordance with the requirements of national laws and regulations, the Company released the Management Measures for Data Compliance, specified the principle, requirements and procedures of data processing and strengthened the implementation of measures on promoting classified and hierarchical data management and the protection of data security.

According to the requirements of the Personal Information Protection Law and to guarantee the personal information security of employees, specify the information security obligation of the Company, allow employees to know the scenarios for the use of personal information and guarantee no random use of personal information, the Company enters into the Personal Privacy Policy with each employee for authorization and achieves real-time inspections by employees.

During the reporting period, the Company was not reported or punished due to the violation of regulations on the protection of personal information.

◆ Labour standards of supplier

Great Wall Motor is fully aware of its social responsibilities, and requires its supplier to meet certain standards in their labour management, to create a diversified, open and equal working environment for their employees.

In 2023, the Company delivered Notification on Suppliers' Sustainable Development to its suppliers, requiring its suppliers to fulfill their management responsibilities in labor, human rights, anti-discrimination, freedom of association, health and safety in accordance with the relevant requirements of Great Wall Motor for sustainable development

In 2024, Great Wall Motor plans to initiate a survey on the sustainable development of its supply chains, assessing its suppliers from the following aspects: whether they have formulated human rights policies, prohibited child labour, provided fair wages and benefits, implemented anti-discrimination measures, and respected the rights of ethnic minorities and indigenous peoples

**Cooperation between Higher Education Institutions and Enterprises • Strengthening Employer's Brands**

In terms of cooperation between higher education institutions and enterprises, the Company entered into agreements with a total of 181 colleges and scientific research institutes on cooperation between higher education institutions and enterprises in 2023 and jointly built over 200 industry-academy-research cooperation bases and teaching internship practice bases to jointly cultivate various students and speed up in the improvement of skills and employment of college students. It opened R&D, marketing, intelligent manufacturing and other sectors to colleges and undertook over 9,000 interns for working in factories for short and long terms.

**Case: Great Wall Motor organizes summer internship camp in 2023**

In August 2023, Great Wall Motor organized a summer internship camp for students from 25 colleges and universities relying on the school-enterprise teaching internship practice bases. Experts of the Company in various fields were invited to share the cutting-edge technology of the industry with college students. In combination with their personal development plans, it allowed the students to experience actual work scenarios and introduced working experience to enhance their adaptability to the workplace in the future.



In 2023, Great Wall Motor was awarded the following prizes for best employers:



The Best Employer of the Year 2023 in China by Zhilian Zhaopin



The Example of Operation of Employer Brand in 2023 by Yonyou

### Democracy and Communications

Great Wall Motor fully respects the rights and interests of its employees. By establishing a well-functioned trade union organization and maintaining positive interactions with the higher-level federation of trade unions, it harnesses the role of the union through cooperating with relevant functional departments. It has carried out a wide range of activities such as labour competition, employee vitality building, legal supervision and publicity, and other efforts to strive for excellence. In particular, the union formulated the "Staff and Worker Representative Congress System", participating in the resolutions of major issues in due course. In 2023, the staff and workers' congress was held as scheduled, at which the Collective Contract and the Special Collective Wage Contract were signed, effectively safeguarding the rights and interests of employees, promoting harmonious and stable labour relations, and achieving mutual benefit and common development with the Company.

The Company established various online and offline channels for communications and feedbacks and created an open and inclusive work environment for employees.

#### Online channels

- ① Setting up emails of senior management, including the CXO email and the email of the general manager
- ② Building the community of the People of Great Wall Motor APP, the platform for rational proposals from employees and other platforms for listening to employees' voices

#### Offline feedbacks and communications

- ① Setting up emails of senior management, including the CXO email and the email of the general manager
- ② Regular communications with employees
- ③ Irregular democratic meetings and theory-discussing meetings
- ④ Visit to grass-roots departments

The Company has established internal platforms for all employees, including the platform for rational proposals from employees and the “People of Great Wall Motor” APP. In 2023, employees published over 50,000 pieces of information on routine work communications, feedbacks on management issues, sharing of cultural activities and other dimensions. The Company arranged special staff to respond to and follow the advices and suggestions of employees and the overall response rate was 100%.



## TALENT DEVELOPMENT

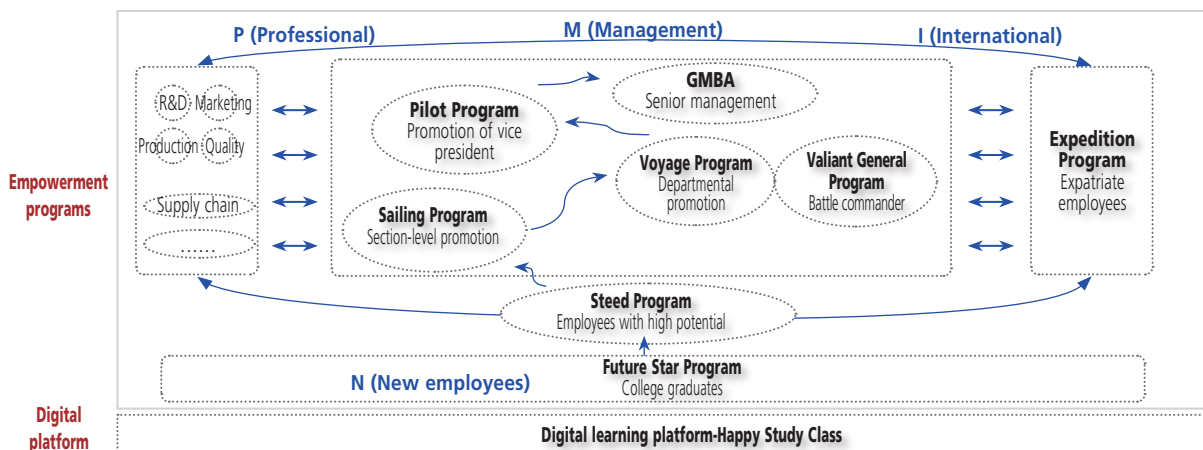
Great Wall Motor attaches great importance to human capital value and believes that talents are the primary driving force for its development. The Company continuously innovates the talent development mechanism and creates an efficient, open and attractive career platform. It builds a talent team with common career goals and passion for striving and creativity, allowing the organization to be full of vitality and creativity and driving the long-term sustainable development of the enterprise.

### I. Building a hierarchical and classified talent cultivation system

In 2023, Great Wall Motor continuously optimized the global talent training systems, upgraded induction, general and management course systems and completed the iteration and reserve of 45 courses through internal development and external introduction. It comprehensively improved the internal trainer incentive mechanism and certified a total of 749 internal trainers. Meanwhile, it invited experts in the industry to conduct internal empowerment. At the same time, leveraging on the Happy Study Class, the digital learning platform, the Company achieved online/offline efficient learning for all employees, built an empowerment platform to gather, share and inherit Great Wall Motor’s knowledge and experience in undertaking challenges to achieve efficient and convenient business empowerment with scale replication and quick access features.

Great Wall Motor offered trainings with a total duration of more than 2.8 million hours during the year with annual per capita learning time of 34.22 hours and 1,851,000 interactions and sharing on online learning, representing an increase as compared with 2022.

In 2023, Great Wall Motor implemented differentiated and targeted talent empowerment and cultivation programs with different levels and classes covering all employees.



Targets	Contents
 <p>New employees</p>	<p>The induction training for new employees focused on cultural integration, business integration, role transition and other dimensions and covered over 3,000 employees in 2023. In combination with the general capability requirements and the occupational development demand of employees and based key businesses involved and challenges faced by different types of new employees, it carried out the learning of general courses on self-motivation, workplace thinking, tools and methods as well as communications and expressions.</p> <p>For college graduates, the Company iterated and upgraded the “Future Star Program”, established progressive integration and cultivation models such as quality enhancement, internship and on-the-job cultivation, carried out one-year tracking and cultivation and achieved the rapid role transition into “New Great Wall Motor employees”. It also identified outstanding talents and included them into the pools of talents with high potential as “future stars” for continuous cultivation.</p>
 <p>Employees with high potential</p>	<p>In order to cultivate high-potential grass-roots talents with vitality, enthusiasm, courage and capability, the Company focused on employees with outstanding performance and high potential in R&amp;D, marketing, manufacturing and supply chains and carried out the “Steed Program” on improving the capability of grass-roots talents with high potential in 2023. It reserved a total of 148 qualified employees and continuously prepared the reserve of professional and management talents in various sectors.</p>
 <p>Grass-roots, medium and senior management</p>	<p>In order to improve the competence preparation of grass-roots, medium and senior management, the Company continuously carried out the “Voyage” programs. Focusing on the capabilities on “self management”, “team management” and “business management”, the Company systematically empowered the necessary management thinking and methods of grass-roots, medium and senior management through the selection of internal senior management and the introduction of expert experts. It cultivated a total of 246 grass-roots, medium and senior management in all sectors of the Company.</p> <p>With the focus on key positions and roles, the Company initiated the “Valiant General Program” with an aim to cultivate young integrated talents with bravery to challenges, revolution and innovation thinking and operation capability for the Company. Following the principle of “training under practical scenarios”, the Company built study scenarios with major challenges and difficulties in practical businesses and developed the “three-in-one” study scenario with “knowledge learning + case discussion + learning with actions”.</p>
 <p>Talents of all professional business segments</p>	<p>The Company formulated cultivation plans on talents of all business segments and continued to improve the comprehensive strength of employees. It offered employees professional + general capability trainings on a monthly basis. Over 30,000 trainings were organized during the year with over 80,000 participants.</p> <p>Great Wall Motor adheres to the philosophy of cultivating personnel before making cars. With the purpose of “winning with high capability and gathering talents in Great Wall Motor”, the Company organized skills trainings and competitions, verification of professional technical ability and other activities in 2023 with the focus on production and manufacturing sectors and cultivated over 900 high-skilled talents. It obtained the upgrading of the qualification as a national high skills cultivation base, the renewal of the qualification as a provincial high skills cultivation base and the awarding on a municipal innovation office. Meanwhile, it was awarded the municipal advanced collective, the municipal advanced unit for cultivation of skilled talents and the first batch of “municipal production and education consortiums” in China.</p> <p>In 2023, Great Wall Motor continuously provided employees with platforms for external craftsman honors. 13 municipal craftsmen, 3 municipal golden workers and 4 municipal May Day Labour Prize winners were selected in 2023.</p>
 <p>Expatriate employees</p>	<p>In order to ensure that expatriate employees can rapidly adapt to the new work environment and efficiently carry out work, broaden the international horizon of expatriate employees and enhance their capabilities, the Company implemented the “Expedition Program” and carried out trainings on overseas general knowledge, language capability and overseas professional knowledge as well as local and regional trainings to systematically improve the capability of expatriate employees on going global.</p>



## II. Improving the Occupational Development Systems with the Orientation of Capability Enhancement

Great Wall Motor established four occupational development channels on management, professionalism, skills and assistance and built fair, just, clear and transparent appraisal and promotion mechanisms to guarantee the occupational development of employees.

In 2023, the Company comprehensively upgraded the standards on professional qualifications, which covers all professional positions in research, production, supply, marketing, function and provides guidance and reference for talent growth. The Company adheres to the principles of fairness, justice and openness and implement certification on the level of qualification. In 2023, the promotion rate of professional talents reached 70%.

In terms of cadre management, the Company continuously strengthened the establishment of cadre teams, built talent appraisal and growth systems and boosted the reserve of cadre teams.

In order to guarantee talent growth and development, the Company continued to optimize the job rotation of talents, internal competition and other talent mobility mechanisms, and improved the performance appraisal system to lead the diversified occupational development of talents in terms of performance, capability, opportunities and other dimensions.

## EMPLOYEE WELFARE AND CARE

Great Wall Motor is devoted to providing employees with meticulous and diversified welfare policies and care measures so that they can work at ease and live in peace with greater happiness and sense of belonging.

### I. Remuneration and Performance Incentives

The Company provides employees with complete remuneration and incentives, including basic salary, performance bonus, year-end bonus, employee share ownership/share/option incentives and other programs. Based on business characteristics and the features of value creation by employees, the Company provides differentiated remuneration and incentive portfolios and formulates salary adjustment and bonus incentive mechanisms on all employees with the focus on the operating results of the Company and personal performance and contributions.



**100%** of employees participate in KPI, OKR, PBC and other target assessments with the performance results linked with their salary adjustment, bonus incentive, promotion and development.



Basic salary of **100%** of employees is higher than the required minimum salary under national and local standards.



The Company pays sufficient salary to all employees on a monthly basis in accordance with national regulations and relevant rules of the Company and withholds individual income tax for employees in accordance with laws.

In 2023, the Company formulated the Administrative Rules on Internal Entrepreneurship and the Management Regulations on Long-term Incentives and increasingly improved the long-term incentive systems.

During the reporting period, the Company continuously innovated incentive models and implemented long-term incentive schemes on a rolling basis. Within the duration of the first and second long-term incentive schemes, the Company implemented the first employee stock ownership plan with a total of over 21,000 participants, covering 100% of high-value positions and key talents.

In 2023, the first incentive scheme was unlocked/became exercisable. The long-term incentive income of core backbone staff was far higher than the industry level. The retention rate of the participants of such tranche was ≥98%.

### II. Welfare and Care

Great Wall Motor improved the Management Measures for Employee Welfare in 2023. On the basis of the provision of insurance, catering, housing, medical and health guarantees, it establishes exclusive welfare and provides a series of welfare and care.

#### Guarantee

##### Insurance guarantee

The Company strictly abides by the Labour Law of the People’s Republic of China and the Labour Contract Law of the People’s Republic of China, standardizes and implements labour and employment systems and enters into labour contracts with employees through arm’s length negotiations. Meanwhile, the Company provides employees’ family members with medical/vehicle insurance and other insurance products more favourable than those on the market and employees can purchase on a voluntary basis, thus effectively enhancing the happiness of employees and their family members.



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



The coverage of social insurance for employees reached **100%**



The coverage of medical insurance on serious diseases reached **100%**

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The coverage of accidental injury and other commercial insurance for employees dispatched to overseas bases reached **100%**

### Diet guarantee

The Company offers all employees a variety of nutritious and healthy free meals, meeting the needs under the diet culture of different areas. Employees can order meals through the online platform to obtain timely energy suppliers.

### Housing guarantee

The Company provides high-end talents with apartment-style houses and offers new employees free accommodation. It provides employees with home purchase welfare leveraging on its ecological resources and continuously improves the life quality of employees.

### Medical health guarantee

The Company offers employees free checkups and preferential diagnosis services and employees' family members can also obtain preferential medical services. Meanwhile, it provides EAP mental health consultancy services to all employees. As of the end of the reporting period, it organized over 10 lectures on mental health and released over 200 articles on mental health. It creates a "happy, healthy and comfortable" work atmosphere for employees.



The coverage of annual free health checkups for employees reached **100%**



The Company has a health and medical checkup center with over **900 m<sup>2</sup>** and **over 20** advanced health checkup equipment

### Sports and health guarantee

The Company has sports facilities including stadiums, badminton halls, table tennis halls, swimming pools and gymnasiums in place, which are open to employees and their family members.

In May 2023, the Company held the healthy marathon running event of Great Wall Motor Intelligent Factory with the participation of approximately **500** employees and over **10,000** persons from all walks of life;

In September 2023, the Company held the "23rd Employee Sports Meeting of Great Wall Motor". It organized over **300** events with the participation of over 900 athletes. Over **4,000** employees participated on site and over **200,000** participated in online interactions.

## Care

### Care for female employees

The Company holds special activities on the Women's Day on 8 March each year and introduces high-quality external resources to organize themed lectures on health for female employees. Pregnant and lactating female employees are provided with prenatal examination leaves, breastfeeding leaves, nursing room and other guarantees. In 2023, the Company organized a total of 17 special lectures on the physical and mental health of female employees.

### Care for the disabled





The Company provides disabled employees with a fair and impartial employment environment, offers undifferentiated remuneration and distributes salaries on time each month. Meanwhile, it provides disable employees with caring allowances.

### Visiting the elderly

The Company visits the elderly at the end of each year and offers wishes and exclusive red envelopes for the elderly to employees' parents aged 72 and above.

**Series of welfare and care programs**

Festival care	The Company distributes festival welfare to all employees and organizes themed activities on the Mid-Autumn Festival, the Spring Festival and other traditional festivals. It provides employees with festival holidays longer than statutory requirements during the Spring Festival.
High temperature care	The Company brings “coolness” to employees on high temperature days in summer, provides sunstroke prevention materials, organizes emergency drills on heatstroke and offers high temperature leaves to practically care about the physical health of employees.
Car purchase and travelling care	The Company offers special offers for car purchases and petrol/charging subsidies, shuttle buses and home-returning buses to facilitate transportation for employees’ work and life.
Special care	The Company provides all employees with special care, covering weddings, childbirths, birthdays, sicknesses and funerals, and offers material welfare.
Education guarantee	The Company is committed to providing high-quality cutting-edge education and quality education services. With the mission of “lighting life with love education” and through education initiatives covering early education, nursery, kindergarten, primary school, junior high school and senior high school, it serves school-age children of employees.
Communication welfare	Based on the nature of the positions of employees, the Company provides employees with differentiated communication subsidies.
Incentive and commendation	All units regularly award prizes and honors to outstanding employees and teams based on their business conditions. The Company awards the prize for loyalty and contribution to employees working for 15 years to recognize their value and contributions.

 <p>It offered festival welfare covering <b>100%</b> of employees;</p>	 <p>It carried out large-scale coolness activities on high temperature days and organized <b>16</b> emergency drills on heatstroke, covering over <b>40,000</b> employees;</p>
 <p>It provided over <b>100</b> shuttle buses and facilitated the transportation of over <b>10,000</b> employees;</p>	 <p>It organizes home-returning buses and arranges <b>over 200</b> buses each year, covering <b>100%</b> of employees with home-returning demand on holidays.</p>





### III. Employee Satisfaction and Dedication

The Company actively listens to the employees and continuously carries out the survey on the satisfaction of all employees, providing direction and guidance on subsequent improvement activities. The survey covers six dimensions, namely, recognition over the Company, operation of organizations, growth and development, remuneration and incentive, management environment and corporate culture. The score of the survey was 88.9 points in 2023, representing an increase of 3% as compared with 2022.

## HEALTH AND SAFETY

### Putting People First and Creating a Safe and Healthy Work Environment

Adhering to the safety policy of “putting people first and achieving sustainable development”, Great Wall Motor is devoted to creating a safe, healthy and comfortable working environment. It abides by the requirements of laws and regulations, standardizes corporate conducts, solidly conducts safety production management, practically carries out emergency response on fire prevention and establishes a long-term mechanism on guaranteeing the occupational health and safety of employees. It also establishes specific targets and policies on safety management and breaks down and implements them at different levels to ensure that all systems and factors meet the requirements.



Targets of Great Wall Motor on occupational health and safety management:

- 0 statutory occupational diseases and serious injuries and above;
- 0 fire accidents;
- 0 safety non-compliance incidents.

In 2023, the Company completed the expected targets on occupational health and safety management.

## 1. Safety Production

### 1.1 Establishment of occupational health management system

Adhering to the principle of “safety first, prevention-focused and comprehensive governance”, the Company strictly implements the requirements of laws and regulations including the Production Safety Law of the People’s Republic of China, the Law of the People’s Republic of China on Prevention and Control of Occupational Diseases and the Fire Protection Law of the People’s Republic of China. During the reporting period, we passed the third-party review on the ISO45001 occupational health and safety management system with all elements of the system meeting the requirements on operation and the certificates continuing to be valid.

Organizational setting: The Company has established three-level management organizations at the Group level, branch and subsidiary level, and workshop level. They assume responsibilities at different levels and coordinate safety management work. The Company has formulated and implemented 54 occupational health and safety management regulations including the Occupational Health and Safety Education Regulations, Safety Production Inspection Regulations, and Workers’ Occupational Health Monitoring and File Management Regulations, and promoted the unification and standardization of safety management standards.

Efficient operation: Senior management fully understand the safety conditions of the Company through routine meetings, participate in the discussions and decision-making on the Company’s safety strategies and advance the implementation of safety work, which is linked to personal performance to clarify the safety production responsibility of senior management. The Company allows each employee to understand their own safety responsibilities through the safety information management platform, safety accountability, safety audit and other management measures and integrates the safety awareness into their own work to ensure the participation of all employees in the establishment of occupational health and safety management systems.

## 1.2 Building of safety culture among all employees

The Company enhances the safety production capability and awareness of employees through systematic cultural cultivation activities to create a sound safety culture and atmosphere.

**Safety education:** In 2023, the Company formulated detailed safety empowerment plans, and organized various safety education campaigns through combination of “online education on Happy Study Class” and “lecturing by professional tutors”. In particular, it conducts specialized safety education campaigns annually for middle and senior management personnel, as well as safety management personnel, biannually for team leaders and quarterly for personnel engaged in special operations and those exposed to occupational hazards. In addition, it conducts education campaigns on safety knowledge that should be known and learnt monthly for all employees, and conducts real-time specialized safety education campaigns for new employees, “four-new” personnel, personnel changing positions, and those returning to work. It establishes staff education archives to guarantee a coverage of 100% for safety trainings.

**Safety activities:** In 2023, the Company continuously carried out series of safety month activities. With the theme of “Everyone Attaches Importance to Safety and Responds Properly under Emergencies”, the Company arranged all employees to practice safety through atmosphere creation, safety empowerment, hazards elimination and emergency exercises. It carried out safety knowledge contests, safety speech competitions, safety improvement case competitions and other diversified featured publicity activities on safety production, creating a sound safety atmosphere and enhancing the safety quality of all employees.

**Hazards elimination:** In 2023, the Company initiated the program of “taking pictures of safety hazards by all employees”. It achieved the participation of all employees in identifying safety hazards through information means. It automatically arranges responsible persons for the rectification of hazards identified and safety management personnel of all departments to follow up and confirm the rectification of hazards.

## 1.3 Emergency management on fire prevention

The Company has a professional firefighting team to supervise the firefighting equipment and the fire safety at the workplace and establishes voluntary fire prevention teams at all departments to respond to fire emergencies promptly. It establishes an on-site safety emergency management mechanism, improves emergency equipment at key areas for fire prevention, enhances the emergency response capacity on fire in areas such as oil depots and coating areas, perfects the contingency plan system and revises comprehensive plans, special plans and on-site emergency plans. The Company conducted 2,509 emergency drills and over 10 joint drills with local fire prevention authorities in 2023 to continuously assess, improve and perfect emergency procedures and enhance the Company’s ability to control major risks.

## 2. Occupational Health Management

The Company has been devoted to improving and boosting the workplace of employees to safeguard the occupational health of employees. It always adheres to the concept on the integration of prevention and control measures and strictly implements relevant requirements of the Law on Prevention and Control of Occupational Diseases.

**Source control:** The Company improves automatic production, installs dust removal, noise reduction and other facilities on the prevention of occupational diseases and improves raw materials and processes to prevent occupational hazards at source. For example, it replaces the oil-based paint in painting workshops with water-based paint and conducts automatic spraying by painting robots and closed stamping operation.

**Continuous improvement:** The Company systematically identifies occupational hazards through workplace observation, workplace hazards analysis and equipment testing while determining items, measurement methods and indicators for monitoring of occupational health hazards in key places. The Company engages professional testing agencies to conduct annual on-site inspection on occupational hazards and supervises the exposure to occupational hazards at the workplace. It adopts ventilation, dust removal, noise reduction and other targeted prevention measures to reduce the impacts of occupational hazards.

**Individual protection:** The Company distributes protective supplies to individual employees for free according to safety standards and reduces their exposure to the hazardous environment. It arranges staff to take occupational health examination, establishes staff health records, records the exposure of employees to occupational diseases, the results of the occupational health examination and other information and implements comprehensive traceability management.

# SOCIAL CAUSES

## DISASTER RELIEF AND RESCUE

- Facing extreme rains, the Company participated in disaster relief and rescue. It donated RMB20 million and introduced six care services. The car club organized 60 fleets and the official club arranged over 300 car owners and over 160 vehicles and donated materials with a value of over RMB250,000 to assist the disaster-hit areas.
- After an earthquake hit Gansu, the Company participated in disaster relief and rescue. It donated RMB5 million and 35 vehicles and introduced six care services.
- In the face of floods in Thailand, the Company participated in rescue. It provided assistance with a total of over THB1 million and dispatched 6 vehicles to assist the disaster-hit areas.

## CHARITY SUPPORT

- It recorded 3,242 participations in community volunteer activities with a total of over 2,580 hours.
- It donated RMB100,000 to animal protection organization for the protection of stray animals and the publicity of animal protection in society.

## POVERTY ALLEVIATION

- The Company provided assistance through employment for nearly 20 years. In 2023, the Company provided an employment platform for 576 physically challenged people and offered economic support to 656 employees in poverty.
- It actively calls on employees to participate in poverty alleviation.

## WARMTH OF CAR OWNERS

- The Company builds charity platforms for users and actively calls on car owners and users to participate in social cause undertakings.

Under the guidance of the mission and vision to “Rock the World with Our Gift (Green Intelligent Future Technology)”, Great Wall Motor devotes to charity and public welfare activities and returns the society with practical actions. The Company fully leverages on resources of the enterprise and advantages of platforms, actively encourages employees to participate in social cause undertakings and promotes users to jointly undertake social responsibilities to build a beautiful and harmonious society together.

### 1. PARTICIPATING IN DISASTER RELIEF AND SPREADING LOVE ACROSS BORDERS

- 1) Typhoon “Doksuri” caused extreme rains in China in September 2023. Facing the disasters, Great Wall Motor introduced six care services and donated RMB20 million to the Red Cross for rescue and post-disaster construction in disaster-hit areas.
- 2) A 6.2-magnitude earthquake hit Jishishan county in Linxia prefecture in Gansu province in December 2023. Great Wall Motor urgently donated RMB5 million, 15 TANK 300 and 20 Great Wall Cannons for rescue and provided subsidies to people in the earthquake-hit areas in Gansu. Meanwhile, for users of Great Wall Motor hit by the disaster, Great Wall Motor introduced six care services to overcome difficulties with people in the quake-hit areas.



**Six Care Services:**  
 Providing 24-hour rescue, free inspections, preferential repair and maintenance, deferred repair and maintenance, efficient claim settlement and vehicle disinfection services

In the process of globalization, Great Wall Motor is devoted to undertaking social responsibilities abroad. Continuous rainstorms caused floods in various areas in Thailand in October 2023. Under its plan of “Working with Me in Overcoming Difficulties Together”, Great Wall Motor joined the Ministry of Industry of Thailand and the Thai Industrial Standards Institute and donated 2,500 survival bags with a total assistance of over THB1 million to disaster-hit people. Meanwhile, Great Wall Motor arranged 5 new TANK 300 HEVs and 1 new TANK 500 HEV to support disaster-hit areas.

## 2. CHARITY SUPPORT TO WARM SOCIETY

Charity creates beauty and boosts development. While undertaking the mission of joint building of communities, Great Wall Motor calls on users and all employees to participate in charitable activities. In 2023, 3,242 participants joined in elderly and children care, blood donation, animal care, voluntary trees planting and other activities with a total of over 2,580 hours.

In April 2023, Great Wall Motor arranged employees to visit a local welfare home for children and carried out caring activities. On the basis of understanding the actual demand of the welfare home for children in advance, the Company offered thoughtful gifts and warm wishes to every child.

In April to October 2023, Great Wall Motor arranged employees to visit local nursing homes and initiated welfare activities for the elderly living alone. The Company brought the elderly with material assistance and spiritual comfort.

In March to December 2023, Great Wall Motor organized voluntary blood donation to assist in guaranteeing blood for clinical use and safeguarding others’ life safety.

In April 2023, the little animal protection association of Great Wall Motor arranged employees to carry out assistance for stray dogs at local animal bases. In July to December 2023, the Haval brand of Great Wall Motor and “Beijing Loving Animals Foundation” jointly organized the charitable activity themed “Bringing an End to Straying – Dog Loving Association”. It donated RMB100,000 to Ta Foundation for animal assistance at stray animal bases and the publicity and operation of animal protection in society.



## 3. UPHOLDING THE POVERTY ALLEVIATION MISSION TO FACILITATE REVITALIZATION

Great Wall Motor continuously participated in poverty alleviation and carried out diversified poverty alleviation activities. In 2023, the Company provided an employment platform for 576 physically challenged people and assisted 656 employees in overcoming financial difficulties.

Great Wall Motor actively advocates employees to deeply participate in poverty alleviation. In April 2023, Great Wall Motor initiated the donation themed “Bringing Warmth with Old Cloths”. All materials were distributed to impoverished mountainous areas, families with difficulties and orphanages by love associations.



Great Wall Motor always adheres to the principle of fundamental and long-term poverty alleviation instead of taking it as short-term conduct. The Company actively fulfills social responsibilities and converges little love into a great power to facilitate social equity and common prosperity.

#### 4. WARMTH AND BOUNDLESS LOVE OF CAR OWNERS

Focusing on the sustainable development of society and environment, Great Wall Motor concentrates on assistance, agriculture-related welfare and other social welfare activities as well as green actions on environmental protection and vigorously calls on users to participate in vehicle rescue based on the strong product performance. More and more charity enthusiasts gather through the official club and assume undertakings with practical actions and boundless love. Charity has become a strong emotional link between the brands of Great Wall Motor and users.

- TANK Ant Charity Rescue Team established: As a civil charity rescue organization jointly established by Hangzhou TANK Club and Huzhou Horse Team under the administration of Huzhou Ant Charity Association, it is highly recognized by local civil affairs and fire prevention authorities and contributes to charity rescue.
- Luoyang TANK Club, a hero in harm’s way: During the COVID-19 pandemic, it advocated to visit workers at the front line of the fight against the pandemic. Car owners made donations and purchased materials for police and medical staff on duty. Car owners of the Harbin TANK Club voluntarily conducted disinfection at business and leisure areas and corridors and assisted the fight against the pandemic with practical actions.
- TANK Clubs: They care about migrant children with actions. With the focus on public education, Wavelib and the official club of TANK organized public welfare activities themed “Travelling with Charity” in Guangzhou. TANK owners joined the activities as volunteers. The official club of TANK continuously spread the positive energy of public welfare activities and implemented the charity concept of TANK to care about the children with “soft love of strong determined men”.
- Assisting candidates for college entrance examinations: The Haval brand of Great Wall Motor initiated the large charitable activity themed “assisting candidates for college entrance examinations in realizing their dreams” with users. Haval owners voluntarily picked up candidates for college entrance examinations, prepared wish packages for candidates and their parents and facilitated them to realize dreams through the examinations.



- Emergency rescue: Provincial teams of the Cannon Alliance in Fujian, Beijing, Hebei and Henan as well as branches in Baoding, Tangshan and Langfang actively arranged over 60 rescue fleets and boats to participate in rescue. Official clubs of TANK in Beijing, Tianjin, Henan, Xiamen and Baoding organized over 160 TANK vehicles and over 300 owners and participated in rescue. They transferred over 3,500 persons in disaster-hit areas and donated materials of over RMB250,000 to support areas hit by Typhoon “Doksuri”.



## QUANTITATIVE PERFORMANCE INDICATORS

Indicator	Unit	2022	2023
<b>Environmentally-friendly operation</b>			
Amount of substantial fine for violation of environmental laws and regulations	RMB	0	0
Number of non-economic punishment for violation of environmental laws and regulations	cases	0	0
<b>Emissions</b>			
<b>Types of emissions and respective emissions data</b>			
Total discharge of wastewater	tonnes	3,410,007.02	3,633,500.81
Total COD emissions (COD (chemical oxygen demand) generally refers to the loss of organic pollutants or solid matters in water through decomposition with oxygen as the medium in a day and night)	tonnes	332.99	271.89
Total ammonia nitrogen emissions (water environmental pollutants)	tonnes	26.52	21.26
Total VOC emissions (volatile organic compounds)	tonnes	111.88	142.59
Total NOx emissions	tonnes	61.76	60.45
Total SO <sub>2</sub> emissions	tonnes	5.36	6.31
<b>Total hazardous waste produced</b>			
Amount of waste organic solvent HW06	tonnes	2,426.27	3,048.96
Amount of waste mineral oil/oily waste HW08	tonnes	961.54	1,151.67
Amount of waste emulsion HW09	tonnes	1,338.03	1,756.76
Amount of dye and coating waste HW12	tonnes	3,797.76	3,076.70
Total amount of organic resin waste HW13	tonnes	883.45	1,142.68
Total amount of surface treatment waste HW17	tonnes	3,404.23	4,180.16
Total amount of lead-containing waste HW31	tonnes	205.11	208.43
Total amount of other hazardous wastes HW49	tonnes	3,318.61	3,938.75
Total amount of hazardous waste	tonnes	16,335.01	18,504.11
Hazardous waste density	tonnes per vehicle	0.015	0.015
<b>Total non-hazardous waste produced</b>			
Types and total amount of non-hazardous waste	tonnes	13,660	12,700
Non-hazardous waste density	tonnes per vehicle	0.01	0.01
<b>Greenhouse gas emissions in total <sup>Note 1</sup></b>			
Scope 1: Direct greenhouse gas emissions	tCO <sub>2</sub> e	140,976.54	153,244.61
Scope 2: Indirect greenhouse gas emissions	tCO <sub>2</sub> e	917,443.51	1,017,628.02
Greenhouse gas emissions in total	tCO <sub>2</sub> e	1,058,420.05	1,170,872.62
Greenhouse gas emission intensity of OEM	tCO <sub>2</sub> e per vehicle	0.36	0.36

① Direct greenhouse gas emissions are those generated by the use of fossil energy such as diesel, gasoline and natural gas;

② Indirect greenhouse gas emissions are those generated by purchased electricity and steam;

③ The standard for accounting the greenhouse gas emissions in 2023 was based on the Guidelines for Accounting and Reporting Greenhouse Gas Emissions of Machinery and Equipment Manufacturing Enterprises, the Sixth Assessment Report of the IPCC (2023) and other relevant standards;

④ In 2023, there were 9 additional parts factories disclosed by the Company as compared to 2022.

Indicator	Unit	2022	2023
<b>Direct and/or indirect energy consumption by type (e.g. electricity, gas or oil) in total</b>			
Total electricity consumption	kWh	1,115,175,289	<b>1,303,475,683.09</b>
Electricity consumption intensity	kWh per vehicle	1,060.46	<b>1,146.09</b>
Petrol consumption	tonnes	6,386	<b>6,988.50</b>
Petrol consumption intensity	tonnes per vehicle	0.006072	<b>0.006145</b>
Total diesel consumption	tonnes	1,752	<b>1,552.88</b>
Diesel consumption intensity	tonnes per vehicle	0.001666	<b>0.001365</b>
Natural gas consumption	000 m <sup>3</sup>	51,753	<b>56,406.14</b>
Natural gas consumption intensity	m <sup>3</sup> per vehicle	49.2141	<b>49.5957</b>
Total steam consumption	tonnes	501,569	<b>411,591</b>
Steam consumption intensity	tonnes per vehicle	0.4770	<b>0.3619</b>
Total amount of purchased heat	million KJ	0	<b>0</b>
Total comprehensive energy consumption	tonnes of standard coal	283,082.89	<b>294,718.15</b>
Comprehensive energy consumption per vehicle	tonnes of standard coal per vehicle	0.2692	<b>0.2591</b>
Proportion of total renewable energy in energy consumption	%	6.09%	<b>13.25%</b>
<b>Water consumption in total and intensity (e.g. per unit of production volume, per facility)</b>			
Total water consumption	tonnes	5,836,938	<b>6,625,325</b>
Water consumption intensity	tonnes per vehicle	5.55	<b>5.83</b>
<b>Total packaging material used for finished products (in tonnes) and</b>			
Total packaging material	tonnes	9,840	<b>9,870</b>
Packaging material density	tonnes per vehicle	0.01	<b>0.01</b>
<b>Environment and Natural Resources</b>			
<b>Environmental training and investment</b>			
Number of environmental training sessions	sessions	133	<b>153</b>
Total attendance of environmental training	person-times	26,558	<b>24,351</b>
Investment in environmental training	RMB'0,000	28.76	<b>25.82</b>
Investment in environmental technology improvement projects	RMB'0,000	3,605.70	<b>5,601.57</b>
<b>Social</b>			
<b>Employment</b>			
Total number of employees	persons	87,367	<b>82,439</b>
<b>Number of employees by gender, age group and region</b>			
<b>Number of employees by gender</b>			
Male	persons	67,015	<b>62,860</b>
Female	persons	20,352	<b>19,579</b>
<b>Number of employees by employment type</b>			
Full time	persons	87,367	<b>82,439</b>
Part time	persons	0	<b>0</b>
<b>Number of employees by age</b>			
Age < 30	persons	38,912	<b>32,670</b>
30 ≤ age < 40	persons	42,337	<b>40,076</b>
40 ≤ age < 50	persons	5,340	<b>8,719</b>
Age ≥ 50	persons	778	<b>974</b>



Indicator	Unit	2022	2023
<b>Number of employees by region</b>			
North China	persons	68,994	56,537
Northeast China	persons	493	787
Southwest China	persons	3,339	5,469
East China	persons	10,822	13,897
Central China	persons	2,903	4,719
South China	persons	395	398
Northwest China	persons	20	19
<b>Number of employees by ethnicity</b>			
Han nationality	persons	83,346	78,964
Ethnic minorities	persons	4,021	3,475
<b>Number of employees by country of origin</b>			
China	persons	86,724	82,122
Foreign	persons	643	317
<b>Number of employees by education level</b>			
Doctorate degree	persons	70	65
Master degree	persons	3,301	2,992
Bachelor degree	persons	36,708	32,748
Junior college degree	persons	20,715	20,203
High school and below	persons	26,573	26,431
<b>Percentage of senior managers by gender</b>			
Male	%	93	93
Female	%	7	7
<b>Employee turnover rate by gender, age group and geographical region:</b>			
<b>Employee turnover rate by gender</b>			
Male	%	18.94	18.76
Female	%	4.61	5.15
<b>Employee turnover rate by age</b>			
Age < 30	%	13.33	13.49
30 ≤ age < 40	%	8.99	8.82
40 ≤ age < 50	%	1.13	1.37
Age ≥ 50	%	0.10	0.24
<b>Employee turnover rate by region</b>			
North China	%	16.50	12.09
Northeast China	%	0.05	0.19
Southwest China	%	0.89	1.77
East China	%	4.57	6.95
Central China	%	1.28	2.12
South China	%	0.04	0.68
Overseas	%	0.00	0.12

Indicator	Unit	2021	2022	2023
Number of work-related fatalities occurred in each of the past three years (2019-2021)	persons	0	0	0
Rate of work-related fatalities occurred in each of the past three years (2019-2021)	%	0	0	0
Lost days due to work injury	days	339	362	158
Number of employee health and safety litigation cases	cases	0	0	0
Number of safety education and training sessions	sessions	1,844	4,417	3,808
Attendance of safety education and training	person-times	193,409	416,167	551,389

Indicator	Unit	2022	2023
<b>Development and Training</b>			
Total training hours of employees	hours	719,116.35	2,852,105.69
Average training hours per employee	hours/person	20.08	34.22
Training expenditure	RMB'00 million	0.10	0.10
<b>Number of employees trained by gender</b>			
Male	persons	27,076	42,417
Female	persons	8,734	13,737
<b>Number of employees trained by employee category</b>			
Senior management	persons	78	261
Middle management	persons	1,896	4,172
General staff	persons	33,836	51,721
<b>Percentage of employees trained by gender</b>			
Male	%	75.61	75.54
Female	%	24.39	24.46
<b>Percentage of employees trained by employee category</b>			
Senior management	%	0.22	0.46
Middle management	%	5.29	7.43
General staff	%	94.49	92.11
<b>Average training hours of employees by gender</b>			
Male	hours	20.39	53.25
Female	hours	19.13	43.19
<b>Average training hours of employees by employee category</b>			
Senior management	hours	25.15	31.14
Middle management	hours	27.14	40.13
General staff	hours	19.67	51.75

Indicator	Unit	2022	2023
<b>Labour Standards</b>			
Number of labour grievances filed, addressed, and resolved through formal grievance mechanisms	cases	14	16
<b>Product Responsibility</b>			
Number of vehicles or parts recalled	units	0	18,248
Percentage of number of vehicles or parts recalled in total products	%	0	1.48%
Total number of customer complaints during the reporting period	cases	184,023	220,496
Customer complaint reduction rate	%	-9.40	-19.80
Sales satisfaction rate	%	94.90	92.00
After-sales service satisfaction rate	%	93.50	90.70
R&D investment	RMB'0,000	1,218,070.47	1,103,402.77
Proportion of R&D investment in operating revenue	%	8.87	6.37
Number of patent applications	applications	4,463	4,369
Number of patents granted	patents	2,263	2,444
Number of invention patents granted	patents	339	342
Number of national innovation projects undertaken	projects	1	4
<b>Anti-corruption</b>			
Number of corruption lawsuits filed and concluded against the Company or its employees	cases	3	3
<b>Number of anti-corruption training sessions by rank</b>			
Directors and management	sessions	5	4
Employees	sessions	47	80
<b>Attendance of anti-corruption training by rank</b>			
Directors and management	person-times	338	141
Employees	person-times	5,372	5,538
<b>Pass rate of anti-corruption training by rank</b>			
Directors and management	%	80.5	87
Employees	%	100	100
<b>Community Investment</b>			
Number of volunteer activities	activities	129	92
Number of participations in volunteer activities during the reporting period	person-times	2,884	3,242
Volunteer hours during the reporting period	hours	3,838.5	2,580.25
Amount invested in volunteer activities during the reporting period	RMB'0,000	47.26	317.91
Amount donated by the Company	RMB'0,000	447.89	3,062.80
Investment in employment and poverty alleviation	RMB'0,000	2,516.43	2,914.23



## ESG REPORTING GUIDE

### ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORTING GUIDE CONTENT INDEX

Environmental			
Aspect	Indicator No.	Indicator content	Chapter reference
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 exhaust gas and greenhouse gas emissions, discharges into water and land, and generation of hazardous and non-hazardous waste.	Environmental Responsibility
	A1.1	The types of emissions and respective emissions data.	Environmental Responsibility/ Performance Indicators
	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).	Environmental Responsibility/ Performance Indicators
	A1.3	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Environmental Responsibility/ Performance Indicators
	A1.4	Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Environmental Responsibility/ Performance Indicators
	A1.5	Description of emissions target(s) set and steps taken to achieve them.	Environmental Responsibility
	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.	Environmental Responsibility

Environmental			
Aspect	Indicator No.	Indicator content	Chapter reference
A2: Use of Resources	General Disclosure	Policies on the effective use of resources (including energy, water and other raw materials).	Environmental Responsibility
	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).	Environmental Responsibility/ Performance Indicators
	A2.2	Total water consumption and intensity (e.g. per unit of production volume, per facility).	Environmental Responsibility/ Performance Indicators
	A2.3	Description of energy use efficiency target(s) set and steps taken to achieve them.	Environmental Responsibility
	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.	Environmental Responsibility
	A2.5	Total packaging material used for finished products (in tonnes), if applicable, with reference to per unit produced.	Environmental Responsibility

Environmental			
Aspect	Indicator No.	Indicator content	Chapter reference
A3: Environment and Natural Resources	General Disclosure	Policies on minimising the issuer’s significant impact on the environment and natural resources.	Environmental Responsibility
	A3.1	Description of the significant impacts of business activities on the environment and natural resources and the actions taken to manage them.	Environmental Responsibility
A4: Climate Change	General Disclosure	Policies on identifying and addressing significant climate related issues that have already had and may have an impact on the issuer.	Environmental Responsibility
	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.	Environmental Responsibility

Social			
Aspect	Indicator No.	Indicator content	Chapter reference
B1: Employment	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 compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare.	Employee Care and Growth
	B1.1	Total workforce by gender, employment type (e.g. full-time or part-time), age group and geographical region.	Employee Care and Growth/ Performance Indicators
	B1.2	Employee turnover rate by gender, age group and geographical region.	Employee Care and Growth/ Performance Indicators
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 hazard.	Employee Care and Growth
	B2.1	Number and rate of work-related fatalities occurred in each of the past three years including the reporting year.	Employee Care and Growth/ Performance Indicators
	B2.2	Lost days due to work-related injury.	Employee Care and Growth/ Performance Indicators
	B2.3	Description of occupational health and safety measures adopted, and relevant implementation and monitoring initiatives.	Employee Care and Growth
B3: Development and Training	General Disclosure	Policies on improving employees’ knowledge and skills for discharging duties at work. Description of training activities.	Employee Care and Growth
	B3.1	The percentage of employees trained by gender and employee category (e.g. senior management and middle management).	Employee Care and Growth/ Performance Indicators
	B3.2	The average training hours completed per employee by gender and employee category.	Employee Care and Growth/ Performance Indicators

Social			
Aspect	Indicator No.	Indicator content	Chapter reference
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.	Employee Care and Growth
	B4.1	Description of measures to review employment practices to avoid child and forced labour.	Employee Care and Growth
	B4.2	Description of steps taken to eliminate violations when discovered.	Employee Care and Growth
B5: Supply Chain Management	General Disclosure	Policies on managing environmental and social risks of the supply chain.	Technological Innovation and Sustainable Development
	B5.1	Number of suppliers by geographical region.	Technological Innovation and Sustainable Development
	B5.2	Description of practices relating to engaging suppliers, number of suppliers to which the practices are being implemented, and relevant implementation and monitoring initiatives for relevant practices.	Technological Innovation and Sustainable Development
	B5.3	Description of practices used to identify environmental and social risks along the supply chain, and how they are implemented and monitored.	Technological Innovation and Sustainable Development
	B5.4	Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored.	Technological Innovation and Sustainable Development
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.	Technological Innovation and Sustainable Development
	B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.	Technological Innovation and Sustainable Development/ Performance Indicators
	B6.2	Number of products and service related complaints received and how they are dealt with.	Technological Innovation and Sustainable Development/ Performance Indicators
	B6.3	Description of practices relating to preserving and protecting intellectual property rights.	Technological Innovation and Sustainable Development
	B6.4	Description of quality assurance process and product recall procedures.	Technological Innovation and Sustainable Development
	B6.5	Description of consumer data protection and privacy policies, and relevant implementation and monitoring initiatives.	Technological Innovation and Sustainable Development

Social			
Aspect	Indicator No.	Indicator content	Chapter reference
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
	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/ Performance Indicators
	B7.2	Description of preventive measures and whistle-blowing procedures, and relevant implementation and monitoring initiatives.	Corporate Governance
	B7.3	Description of anti-corruption training provided to directors and staff.	Corporate Governance/ Performance Indicators
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 communities' interests into consideration.	Social Causes
	B8.1	Focus areas (e.g. education, environmental matters, labour demand, health, culture and sports) of contribution.	Social Causes
	B8.2	Resources (e.g. money or time) contributed to the focus areas.	Social Causes

## FEEDBACK FORM

Thank you for reading the Annual Social Responsibility Report of Great Wall Motor Company Limited. We highly value and look forward to receiving your feedback on our social responsibility performance and this report. Your suggestions and recommendations are valuable basis for us to continue to improve our quality of information disclosure on corporate social responsibility and to promote our corporate social responsibility management and practices. Please complete the form below and send it to us via mail or e-mail. We wholeheartedly appreciate your valuable suggestions.

What is your overall evaluation of this report?

- Very good       Good       Average       Rather poor       Poor

What is your overall evaluation of this report?

- Very reasonable       Reasonable       Average       Rather unreasonable       Unreasonable

How about the readability of this report?

- Very reasonable       Reasonable       Average       Rather unreasonable       Unreasonable

How about the disclosure of topics of your concern?

- Very comprehensive       Rather comprehensive       Partially covered       Scarcely covered       Not covered

What other concerns of yours are not reflected in the report?

.....  
.....  
.....

Is there any suggestion on our CSR performance or this report?

.....  
.....  
.....

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**長城汽車股份有限公司**  
**GREAT WALL MOTOR COMPANY LIMITED\***

