

长安汽车 2022 社会责任报告





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1.1 董事长致辞

Chairman's Message

探索未来是长安汽车最大的社会责任

2022年，极不平凡，极具挑战，极其艰难。

百年未有之大变局加速演进，缺芯、限电等多种冲击不断。我们奋勇向前，冲破险阻，在变革与机遇中探索科技未来，走出一条具有长安特色的高质量发展之路。

这一年，我们的战略转型向实，战略路径向明；研发投入向强，人才结构向“软”；产品结构向优，产品利润向好；长安品牌向上，经营质量向好，销售汽车234.6万辆，创下近五年新高，步入新一轮上升通道。

“发展民族汽车品牌”从未像今天这样充满信心！我们深知，汽车强国买不来、要不来、讨不来，高水平科技自立自强是推动高质量发展的必由之路。160多年前，长安因“振兴民族工业”的使命而诞生；160多年来，长安成为改革开放初期成功转型、发展壮大的唯一中国汽车品牌。我们坚持创新驱动，加大科研投入，布局六国十地，研发实力六届12年排名中国汽车行业第一；加速拓展海外“朋友圈”，在沙特、智利等10个国家销量排名中国品牌数一数二。

“智能低碳科技出行”从未像今天这样触手可及！我们以社会价值引领科技应用的方向，推动汽车产业高端化、智能化、绿色化发展。原力电动技术将“不加油、不充电、不间断行驶1283公里”变为现实；全球化的情感智能高端品牌阿维塔，将东方智慧和力量注入每一枚芯片、每一块电池、每一个设计。

长安汽车最大的社会责任是探索未来。未来十年，我们将以长安科技为中心，实现千亿级的科技产业规模。从资源、技术、人才等多个维度，引领汽车行业加速前进。我们坚信，每一次科技进步，都会带来生产方式、生活方式、思维方式的深刻变化，都会带来人类社会的可持续进步，都会带来更加美好的未来。

党的二十大已经擘画出以中国式现代化全面推进中华民族伟大复兴的宏伟蓝图。新征程时不我待，新使命催人奋进。立足新起点，长安汽车将用科技力量，用前沿探索，用全球视野，向世界一流汽车品牌发起新的冲击！



长安汽车董事长

Exploring the Future is the Greatest Social Responsibility Of Changan Auto

The year 2022 was extraordinary, challenging and extremely difficult.

Great changes unseen in a century were accelerating across the world, with continuous impacts such as the chip shortages, and power outages. We bravely moved forward, broke through obstacles, explored the future of technology in the midst of change and opportunity, and embarked on a path of high-quality development with Changan's unique characteristics.

This year, our strategic transformation became more practical, and our strategic path became clearer. We increased research and development investment and focused on developing “soft” talent structure. Our product structure improved, and product profits increased. Changan's brand and business quality improved, selling 2.346 million vehicles, achieving a new high in nearly five years, and entering a new round of upward momentum.

The goal of “developing a national automotive brand” has never been more confident than it is today! We deeply understand that a strong automotive industry cannot be bought, borrowed, or begged. Self-reliance and self-strengthening with high-level technology are the only ways to promote high-quality development. Over 160 years ago, Changan was born with the mission of “revitalizing the national industry.” For more than 160 years, Changan has become the only Chinese automotive brand that successfully transformed and developed during the early period of reform and opening up. We insist on innovation-driven development, increase research and development investment, and have established a presence in six countries and ten regions. Our research and development strength has ranked first in the Chinese automotive industry for six consecutive periods of 12 years. We are also accelerating the expansion of our overseas “friends circle” and have ranked among the top Chinese brands in terms of sales in ten countries, including Saudi Arabia and Chile.

“Intelligent, low-carbon, and technological transportation” has never been more accessible than it is today! We are leading the direction of technology application with social value, promoting the high-end, intelligent, and green development of the automotive industry. We are leading the direction of technology application with social value, promoting the high-end, intelligent, and green development of the automotive industry. Force Electric has made “uninterrupted driving for 1283 kilometres without refuelling or recharging” a reality. The global emotional intelligence high-end brand, AVITA, injects Eastern wisdom and Chinese power into every chip, every battery, and every design.

Changan Auto's greatest social responsibility is to explore the future. In the next ten years, we will take Changan Technology as the centre to achieve a scale of billions of dollars in the technology industry. From various dimensions such as resources, technology, and talents, we will lead the automotive industry to accelerate progress. We firmly believe that every technological progress will bring profound changes in production methods, lifestyle, and thinking, and will bring sustainable progress to human society, and a better future.

The 20th National Congress of the Communist Party of China has outlined a grand blueprint to comprehensively promote the great rejuvenation of the Chinese nation with the Chinese-style modernization. Time waits for no one in the new journey, and the new mission inspires us to move forward. Based on a new starting point, Changan Auto will launch a new assault on becoming a world-class auto brand with the power of science and technology frontier exploration, and global perspective.

Zhu Huarong, Chairman of Changan Auto

1.2 关于长安汽车

About Changan Automobile

长安汽车隶属中国兵器装备集团有限公司，是中国汽车四大集团阵营企业，拥有161年历史底蕴、39年造车积累。

长安汽车拥有来自全球24个国家的技术团队1.4万余人，分别在重庆、北京、上海等地建立起“六国十地”各有侧重的全球协同研发格局。拥有专业的汽车研发流程体系和试验验证体系，确保每一款产品满足用户使用10年或26万公里。

长安汽车始终以“引领汽车文明，造福人类生活”为使命，积极向智能低碳出行科技公司转型，致力于向行业输入长期持续的创新，向社会作出源源不断的贡献，不断满足人们更加美好的生活需要，奋力推进第三次创业——创新创业计划，为打造世界一流汽车品牌努力奋斗。

Changan Automobile is subordinate to China South Industries Group Co., Ltd., and is one of the “Big Four” Chinese automakers. Founded 161 years ago, Changan has 39 years of experience in car making.

Changan has more than 14,000 technical teams from 24 countries, building a global R&D network connecting ten cities in six countries (Chongqing, Beijing, Shanghai and other places), each with its own priorities. Changan has built the production development system and test verification system to ensure that each product can be used for 10 years or 260,000 kilometers.

With a mission to “lead the auto culture for a better life”, Changan speeds transformation to an intelligent low-carbon mobility tech company. We stay committed to delivering long-term innovation, making contribution to society and meeting people’s needs for a better life. Moving forward with the Third Business Venture — Innovation & Entrepreneurship Program, Changan strives to become a world-class automotive brand.



1.2.1 全球产业布局

Global Footprint

长安汽车自1991年开始海外业务以来，产品远销63个国家及地区，其中“一带一路”沿线国家销量达到91%，形成10个重点海外市场，主要出口区域为亚太、中东、北非、中南美等市场。我们在全球拥有8700余家销售服务网点，近12万名专业服务人员。每一天每一分钟，都在为用户提供亲情、感动、快捷的服务。

Since 1991 when Changan Auto started its overseas business, its products have been exported to 63 countries and regions, including 91% of sales in countries along the “Belt and Road”, forming 10 key overseas markets, with the main export regions being Asia Pacific, Middle East, North Africa, Central and South America, etc. We have more than 8,700 sales and service outlets worldwide, with nearly 12 0,000 professional service personnel. Every minute of every day, we are providing customers with affectionate, touching and fast service.

72

家分子公司

branches and subsidiaries

12

个全球制造基地

global production bases

22

家整车及发动机工厂

assembly and engine plants

63

个海外销售国家和地区

countries and regions



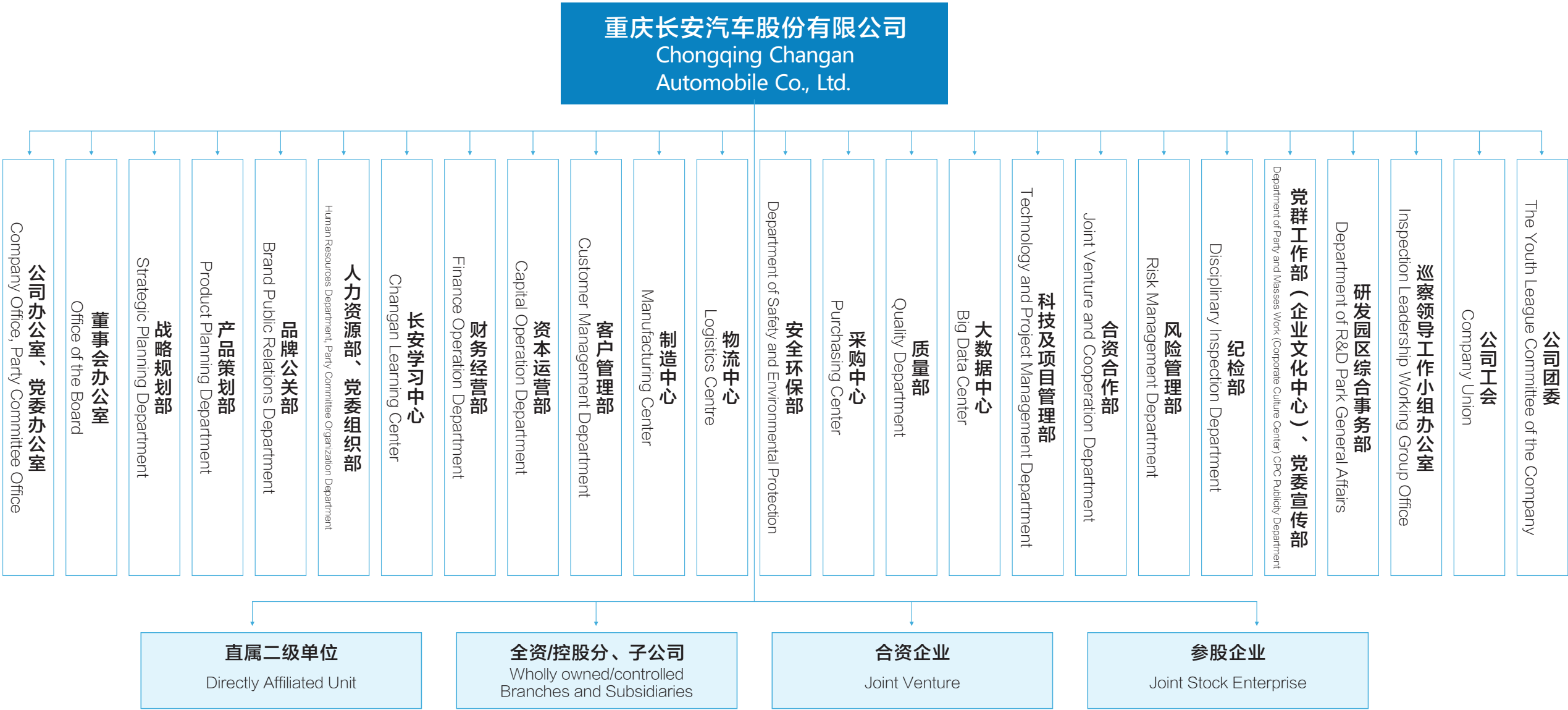
1.2.2 组织机构

Organization



长安汽车不断完善公司法人治理结构，以股东大会、董事会、监事会和经营层为主体结构的决策、监督 and 经营体系，运作水平持续提高和规范。

Changan Auto continuously improves the corporate governance structure, and the decision-making, supervision and operation system with the main structure of the general meeting of shareholders, the board of directors, the board of supervisors and the management layer constantly improve and standardize its operation level.



1.2.3 2022年荣誉奖项



Honor of 2022

序号 No.	荣誉名称 Name of the honor	颁发单位 From
1	企业绿色低碳发展优秀实践案例《绿色环保型涂装工艺技术研究与应 用》 Excellent Practice Case for Green and Low Carbon Development of Enterprises Research and Application of Green and Environmental Protection Coating Technology	中国企业联合会 China Enterprise Confederation
2	全国汽车行业智能制造创新成果一等奖 First Prize of National Automotive Industry Intelligent Manufacturing Innovation Achievement	中国设备管理协会 (国家发改委下辖) China Association of Plant Engineering (CAPE) (Under the jurisdiction of NDRC)
3	第三届全国汽车行业智能制造创新成果 The Third National Automobile Industry Intelligent Manufacturing Innovation Achievements	中国设备管理协会 China Association of Plant Engineering (CAPE)
4	刘源大师工作室荣获中国国防邮电工会劳模和工匠人才(职 工)创新工作室 Liu Yuan Master Studio was awarded the Innovation Studio of Model Workers and Craftsmen Talents (Employees) of China National Defense Post and Telecommunications Union	中国国防邮电工会全国委员会 National Committee of China National Defense Posts and Telecommunications Union
5	江北发动机工厂张永忠荣获重庆市“最美退役军人” Zhang Yongzhong in Jiangbei Engine Factory won the "Most Beautiful Retired Soldier" in Chongqing	中共重庆市委宣传部 Propaganda Department of Chongqing Municipal Committee of CPC
6	曹路、郭宗泽、韩宏圆：第21届全国青年岗位能手 Cao Lu, Guo Zongze and Han Hongyuan: The 21st National Youth Post Experts	中国共产主义青年团中央委员会、 中华人民共和国人力资源和社会保障部 Central Committee of the Communist Youth League of China, Ministry of Human Resources and Social Security of the People's Republic of China
7	刘泗磊、张赫：全国技术能手 Liu Silei and Zhang He: National Technical Experts	人力资源社会保障部 Ministry of Human Resources and Social Security of the People's Republic of China
8	长安汽车荣获第四届“一带一路”百国印记短视频大赛“优 秀作品奖” Changan Automobile won the "Excellent Work Award" of the 4th "the Belt and Road" 100 Countries Short Video Contest	中国公共外交协会、国务院国 资委新闻中心 China Public Diplomacy Association, SASAC News Center
9	2022年中国新车质量研究(IQS)，长安汽车荣膺“中国自 主品牌新车质量”第1 In 2022 IQS, Changan Automobile won the first place in "China's Independent Brand New Car Quality"	J.D.Power 君迪 J.D.Power
10	2022年中国汽车行业销售满意度研究(SSI)，长安汽车客 户服务满意度获得自主品牌第2 2022 China Auto Industry Sales Satisfaction Study (SSI), Changan Auto Customer Service Satisfaction Awarded No. 2 by Independent Brands	J.D.Power 君迪 J.D.Power

序号 No.	荣誉名称 Name of the honor	颁发单位 From
11	长安汽车揽获2022 IVISTA智能网联汽车挑战赛三大特等奖 智能化团队荣获虚拟仿真挑战赛特等奖 UNI-V荣获ADAS挑战赛APS特等奖和AEB特等奖 Changan Auto won the three Special Prizes of the 2022 IVISTA Grand Challenge Intelligent team won the Special Prize of Virtual Simulation Challenge UNI-V won APS Special Prize and AEB Special Prize in ADAS Challenge	中国国际智能产业博览会承办委员 会办公室、IVISTA挑战赛组委会 Organizing Committee Office of Smart China Expo, Organizing Committee of IVISTA Grand Challenge
12	UNI-V荣获“双智融合挑战赛智能泊车金奖” UNI-V won the "Intelligent Parking Gold Award in the Double Intelligence Integration Challenge"	国家发展和改革委员会 National Development and Reform Commission
13	乡村振兴项目组：重庆市工人先锋号 Rural Revitalization Project Team: Chongqing Worker Pioneer	重庆市总工会、重庆市人力资源 和社会保障局 Chongqing Federation of Trade Unions, Chongqing human resources and Social Security Bureau
14	马炳瑶家庭：全国五好家庭 Ma Bingyao Family: Five Virtues Family in China	中华全国妇女联合会 All-China Women's Federation
15	“汽车侧两轮往返绕桩用时最短”吉尼斯世界纪录称号 "The shortest round-trip time for two wheels on the vehicle side around the pile" is awarded as the Guinness World Record	吉尼斯世界纪录 Guinness World Records
16	最具突破精神新能源品牌奖 Most Breakthrough Spirit New Energy Brand Award	中国汽车工业协会 China Association of Automobile Manufactures (CAAM)
17	十佳自主品牌 Top 10 Independent Brands	中国汽车工业协会 China Association of Automobile Manufactures (CAAM)
18	王俊：全国五一劳动奖章 Wang Jun: National May 1 Labor Medal	中华全国总工会 All-China Federation of Trade Unions
19	长安汽车荣获2022年度中国慈善公益500强企业 Changan Auto was awarded as one of the top 500 charitable enterprises in China in 2022	中国企业慈善公益论坛组织委员会 Organizing Committee of China Enterprise Charity Forum
20	原力超集电驱获评第二届“世界十佳电驱动”及“中国心” 2022年度十佳新能源汽车动力系统 The Force Supercollector Drive was awarded the second "Top Ten Electric Drives in the World" and "China Heart" Top Ten New Energy Vehicle Power Systems in 2022	汽车评价研究院 《汽车与运动》杂志 Automotive Evaluation Research Institute Automobile and Sports Magazine

1.3 2022年关键绩效

Key Performance in 2022

合规经营 责任管理

Compliance operation CSR Management

合规开展投资者交流活动超过200次，回答交易所互动平台提问共680条，回复率95%以上

Conducted over 200 investor communication activities in compliance, answering a total of 680 questions on the exchange's interactive platform, with a response rate of over 95%

全年公司召开股东大会5次，董事会会议19次，监事会会议5次，共审议通过104项议案

The company held 5 shareholders' meetings, 19 board meetings and 5 supervisory board meetings throughout the year, deliberating and passing 104 motions in total

建立“法务体系+国内法务+国际法务+合规管理”的管理模式，打造一流法务合规团队

Establish the management mode of "legal system + domestic legal affairs + international legal affairs + compliance management" to build a first-class legal compliance team

产品与创新

Products and Innovations

每年将销售收入的5%投入到研发

Investing 5% of sales revenue in R&D every year

产品召回事件零发生

Zero product recalls

构建起“六国十地”全球研发布局，打造了来自全球24个国家、1.4万余人的技术团队

14,000 technical teams from 24 countries around the world, "six countries and ten regions" global R&D pattern

完成专利申报4910件，其中发明专利3548件

4910 new patents were added, including 3548 invention patents

发布国家标准、行业标准等48项，其中国际标准/法规5项，成为唯一入围企业标准“领跑者”榜单的自主品牌车企

Issued 48 national standards and industry standards, including 5 international standards/regulations, becoming the only independent brand car company that was shortlisted for the "leader" list of enterprise standards

8人入选智能网联汽车国际专家组（HEAG），人数居国内车企第一

8 people were selected into the HEAG, ranking first among domestic car companies

包容关爱 共同成长

Inclusive, Caring and Growing Together

员工劳动合同签订率100%，社会保险覆盖率100%

The labor contract signing rate of employees is 100%, and the social insurance coverage rate is 100%

一般及以上安全环保事故为0

General and above safety and environmental accidents are 0

员工心理援助EAP打造4个员工关爱中心，提供心理咨询400次

Employee Psychological Assistance EAP created 4 employee care centers and provided psychological counseling 400 times

环境

Environment

成立碳达峰碳中和联合项目组，推进公司绿色低碳转型

Established the Carbon Dafeng Carbon Neutral Joint Project Team to promote the company's green low-carbon transformation

全面推进光伏电站建设，合肥、河北、南京三大基地已建成光伏装机42.4MW

Make full use of plant rooftop and parking lot resources to comprehensively promote the construction of photovoltaic power plants, Hefei, Hebei, Nanjing three bases have been completed photovoltaic installed 42.4MW

自发自用绿色清洁能源，全年共计消纳绿色电力3776万度，实现降碳3.2万吨

Self-generated green and clean energy, consuming a total of 37.76 million kWh of green electricity and reducing carbon by 32,000 tons throughout the year

同心协力 温暖社会

Collaborate to Warm Society

向重庆市慈善总会捐1000万元，定向用于森林火灾灾后生态重建

Donate 10 million yuan to Chongqing Charity Federation for post-forest fire disaster Ecological reconstruction

有序推进云南两县、重庆酉阳定点帮扶工作，统筹拨付帮扶资金1060万元

Promote the two counties in Yunnan and Youyang in Chongqing in an orderly manner to help the work of the fixed point Coordinated the allocation of 10.6 million yuan of funds to help

长安汽车荣获2022年度中国慈善公益500强企业

Changan Auto was awarded as one of the top 500 charitable enterprises in China in 2022

02

可持续发展管理

Sustainable
Development
Management

公司治理

Corporate Governance

发展战略

Development Strategy

责任理念及体系

CSR Concept and System

利益相关方沟通

CSR Communication with Stakeholders



2.1 公司治理 Corporate Governance

2.1.1 合规运营 Compliance Operation

长安汽车顺应国际形势变化、全球化发展战略，建立“法务体系+国内法务+国际法务+合规管理”的管理模式，打造一流法务合规团队。

In line with the changes in the international situation and the globalization development strategy, Changan Automobile has established a management model of “legal system+domestic legal affairs+international legal affairs+compliance management” and built a first-class legal compliance team.

深入解读前沿法律问题，与各业务单元密切联动协作，将法律与公司整体战略规划、新技术、新业态、新模式相融合，发挥公司法务的重要作用。

Changan Automobile deeply interprets the frontier legal issues, carries out close cooperation with various business units, and integrates the law with the company's overall strategic planning, new technologies, new formats and new models, thus giving full play to the important role of the company's legal affairs.

持续推进商业模式下的法律风险防控、产品合规法律支持、行业前沿法律研究等，提供深入、系统、全面、专业的法律服务，助力公司实现商业目标。

Changan Automobile continues to promote legal risk prevention and control, product compliance legal support and industry frontier legal research under the business model, providing in-depth, systematic, comprehensive and professional legal services to give a boost for the company to achieve its business goals.



2.1.2 坚持党建引领

Guided by Party Building

作为国有企业，长安汽车坚定不移贯彻落实党中央决策部署及习近平总书记重要指示批示精神，推动党建与生产经营深度融合。

As a state-owned enterprise, Changan Auto has unswervingly implemented the decision-making and deployment of the CPC Central Committee and the important instructions of General Secretary Xi Jinping, and promoted the deep integration of party building and production and operation.

公司党委下设20个基层党委、19个基层纪委、290个党(总)支部。拥有党员10663名，党员占比15%。

Under the CPC Committee of Changan Auto, there are 20 sub-committees, 19 disciplinary inspection committees, 290 Party (general) branches, 10,663 party members. And its Party member accounts for 15% of its employees.

2022年是党的二十大召开之年，是我国踏上全面建设社会主义现代化国家新征程、向第二个百年奋斗目标进军的重要一年。

2022 is the year of the 20th National Congress of the Communist Party of China, as well as an important year for China to embark on a new journey of building a modern socialist country in an all-round way and march towards the second centenary goal.

长安汽车党委坚持以习近平新时代中国特色社会主义思想为指导，全面学习贯彻落实党的二十大精神，坚定扛起民族汽车品牌发展重任，按照党中央疫情要防住、经济要稳住、发展要安全的要求，充分发挥党委“把方向、管大局、保落实”的领导作用，团结带领广大党员干部和全体员工，聚焦“四心四好”党建目标，推动党史学习教育常态化长效化，全力应对物资保供、高温限电等困难挑战，扎实推进第三次创业——创新创业计划，以高质量党建引领保障高质量发展，奋力向打造世界一流汽车品牌的目标迈进。

The CPC Committee of Changan Auto adheres to the guidance of Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, comprehensively studies and implements the spirit of the 20th Party Congress, firmly shoulders the heavy responsibility of developing national automobile brands. Changan Auto has fulfilled the requirements of the Party Central Committee that the epidemic situation should be prevented, the economy should be stabilized and development should be safe and give full play to the leading role of the Party committee in “giving direction, managing the overall situation and ensuring implementation”. And Changan Auto unites and leads the cadres and all employees in party member to focus on the party building goal of “maintaining the core, focusing on the center, winning employees’ favor, and making concerted efforts with partners”, promote the normalization and long-term effect of party history study and education, fully cope with the difficulties and challenges such as material supply, high temperature power cut, solidly promotes the “Third Business Venture -- Innovation and Entrepreneurship Program”, ensuring high-quality development under the guidance of high-quality party building, and striving to make progress towards the goal of building a world-class automobile brand.



长安汽车召开“决战四季度，全力保交付”誓师大会

Changan Automobile's "Decisive Battle in the Fourth Quarter, Fully Guaranteed Delivery" Oath-taking Rally

长安汽车以贯彻落实党的二十大精神为主线，持续深化“四心四好”党建目标，以高质量党建引领保障高质量发展。

Changan Auto takes the implementation of the spirit of the 20th Party Congress as the main line, and has been deepening the party building goal of “maintaining the core, focusing on the center, winning employees’ favor, and making concerted efforts with partners”, and ensuring high-quality development with high-quality party building as the guide.



加强党的全面领导

Strengthen the Overall Leadership of the Party

在完善公司治理中进一步加强党的领导。坚持以党的政治建设为统领，发挥党委“把方向、管大局、保落实”作用，统筹发展和安全，进一步形成各司其职、各负其责，有序推进、协调运转的治理结构。

Changan Auto further strengthens the party’s leadership in improving corporate governance. We adhere to the party’s political construction as the guide, give full play to the leading role of the Party committee in “giving direction, managing the overall situation and ensuring implementation”, make overall plans for development and security, and further form a governance structure that performs its own duties, promotes orderly and operates in a coordinated manner.



加强党的思想建设

Strengthen Party Building Ideologically

坚持用党的创新理论武装头脑指导实践。严格落实第一议题，全年党委中心组学习14次（其中研讨4次），党委会学习8次；坚持学原文、悟原理，发放《习近平谈治国理政》第四卷、学习党的二十大精神辅导读本等9000余册。

Changan Auto insists on arming the mind with the party’s innovative theory to guide practice. We strictly implement the first topic, the central group of the Party Committee studied 14 times (including 4 seminars) and the Party Committee studied 8 times; Insist on learning the original text and understanding the principles, and distribute more than 9,000 volumes of studying materials about The Spirit of the 20th National Congress of the Communist Party of China such as the The fourth volume of “Xi Jinping: The Governance of China”.



发挥党员先锋模范作用

Give Play to Party Member’s Vanguard and Exemplary Role

树立党员模范标杆。重点围绕党的二十大代表刘源、公司“两优一先”先进个人69人，开展立体宣传和打造，以优秀事迹鼓舞士气，带动全员干事创业（刘源事迹入选《党的二十大代表风采录》）。

Changan Auto sets an exemplary benchmark for party member. We focus on the representative of the 20th National Congress of the Communist Party of China, Liu Yuan and 69 advanced individuals who won the title of “Excellent Party Workers, Excellent Communist Party Member and Advanced Grassroots Party Organizations”, to carry out three-dimensional publicity and creation, boost morale with good deeds and drive all staff to do practical things and innovate and start businesses (Liu Yuan’s deeds were selected in the “Record of the Charm of Representatives of the 20th National Congress of the Communist Party of China”).

2.1.3 领先文化·狼性长安4.0

A Pioneering Leader, A Wolf-culture Changan 4.0

长安汽车新版领先文化聚焦价值创造，突出员工为本，注重激发活力，打造乐观向上、开拓创新、有血有肉、担当奋斗的精神内涵，营造关心关怀员工成长成才，鼓励员工创新创业的文化氛围。

Changan Auto's new version of the leading culture philosophy focuses on value creation, employee-oriented, arousing vitality, creating an optimistic, innovative spiritual connotation with rich content and struggling attitude, and creating a cultural atmosphere of caring for employees' growth and encouraging employees to innovate and start businesses.

使命 Mission

引领汽车文明 造福人类生活
Lead the auto civilization for a better life

愿景 Vision

打造世界一流汽车品牌
Build a world-class auto brand

价值观 Values

客户为尊 产品为王 员工为本 价值导向 效率优先
Customer-centred, Product-driven, Employee-focused, Value-oriented, Efficiency-prioritized

精神 Spirit

自我批判 科学理性 艰苦奋斗 创新创业
Self-critical, Science-based, Hard-working, Innovative and Entrepreneurial

行为准则 Principle

诚信自律 安全合规 敏捷高效 创造价值
Integrity and self-discipline, Safety and compliance, Agility and efficiency, Value creation

形象用语 Slogan

科技长安 智慧伙伴
Tech Changan Intelligent Partner



领先文化 “狼性”长安

A Pioneering Leader, A Wolf-culture Changan

嗅觉敏锐 / 目标坚定 / 担当奋斗 / 团结协作 / 极致效率

A sharp mind/Relentless determination/ Accountability/ Collaboration/Extrem Efficiency

2.1.4 廉洁从业

Professional Integrity

长安汽车纪委立足党章赋予的监督执纪问责职责定位，忠诚履职尽责，不断强化政治监督和日常监督，以高质量纪检工作保障公司转型升级高质量发展。

The Commission for Discipline Inspection of Changan Automobile is based on the responsibility of supervision and accountability entrusted by party constitution, performing its duties conscientiously, constantly strengthening political supervision and daily supervision, and ensuring the transformation, upgrading and high-quality development of the company with high-quality discipline inspection work.

全面落实整治靠企吃企的政治责任。坚持不懈把全面从严治党向纵深推进，深刻认识尹家绪靠企吃企的政治本质和危害，以“不敢腐、不能腐、不想腐”一体推进理念深入整治靠企吃企。

Fully implement the political responsibility of rectifying the bad style of seeking personal gain by personal authority. Persevere in deepening the full and strict governance over the Party, deeply understand the political essence and harm of Yin Jiaxu's use of personal authority for personal gain, and promote the systems and mechanisms ensuring that officials do not dare, are not able, and ultimately have no desire to be corrupt in an integrated way, so as to thoroughly rectify the bad style of using personal authority for personal gain.



公司党委书记、董事长朱华荣带领领导班子成员作廉洁从业承诺

Zhu Huarong, Secretary of the Party Committee and Chairman of the Company, led the members of the leadership team to make a commitment to clean practice

营造风清气正廉洁生态。2022年，公司坚决清除424家中间商，并建立长效机制。深入开展“零二零”专项行动，对49家企业进行了严肃处置。严抓中央八项规定精神落实，持续强化以案示警，推动全体员工严格遵守廉洁禁令。

Build a honest and upright environment. In 2022, Changan Automobile resolutely eliminated 424 middlemen and established a long-term mechanism. In-depth “000” special action was carried out, and 49 enterprises were seriously dealt with. Strictly implement the spirit of the Party's eight-point frugality code, continue to strengthen the warning with specific cases, and urge all employees to strictly abide by the integrity regulations.

全力推动作风建设。公司领导和全体高职级人员签订党风廉政建设责任书，开展第十七次党风廉政教育月活动，加强家风建设，向党员干部寄送廉洁家书1596封，引导纯正家风、涵养新风。

Fully promote the construction of work style. The leaders of Changan Automobile and all senior staff signed a letter of responsibility for building a honest and upright party style, launched the 17th month of honest and upright party style education, strengthened the construction of family style, and sent 1,596 family letters advocating integrity to party members, so as to guide the construction of honest and upright family style and noble self-cultivation.



长安汽车相关业务领导和供应商相关代表共同作出廉洁承诺

Changan Auto's relevant business leaders and relevant representatives of suppliers jointly made a commitment to integrity

2.2 发展战略

Development Strategy

我们发布第三次创业-创新创业计划6.0，提出“智能低碳出行科技公司”的战略定位。以科技创新为驱动，重塑能力、升级产业，以更快的速度、更大的强度，坚定向智能低碳出行科技公司转型。

Changan Auto released the “Third Business Venture – Innovation and Entrepreneurship Program 6.0”, and put forward the strategic positioning of “Intelligent Low-carbon Travel Technology Company”. Driven by scientific and technological innovation, we will enhance our capabilities and upgrade our industries, and resolutely transform into an intelligent low-carbon travel technology company with faster speed and greater intensity.

我们坚持创新技术引领发展，打造世界一流的研发实力，构建“六国十地”全球研发布局，16个技术研究、产品开发中心，7家科技公司。

We insist on seeking development with innovative technology. We are building a world-class R&D strength and building a Changan global R&D layout of ten cities in six countries, including 16 technology research and product development centers and 7 technology companies.



智能：智能汽车、智能制造、智能管理

Intelligent: Intelligent automobile,
intelligent manufacturing and intelligent management



低碳：低碳设计、低碳产品、低碳制造

Low-carbon: Low-carbon design,
low-carbon products and low-carbon manufacturing



科技：科技主体、科技产品、科技产业

Science: Technology Science and technology subject,
science and technology products, science and technology industry

2.2.1 “香格里拉”和“北斗天枢”计划取得新突破

New Breakthroughs Have been Made in the “Mission Shangri-La” and “Duble Intelligent Program”

发展新能源汽车是我国从汽车大国迈向汽车强国的必由之路。

Developing new energy vehicles is the only way for China to transform from a big automobile country to an automobile power

2017年，长安汽车发布新能源“香格里拉”计划。2022年，我们推进新能源加速计划，明确“世界一线主流电动车中国品牌”定位，新能源汽车规模连续两年翻番，行业排名提升至第6位。

In 2017, Changan Automobile released the new energy “Mission Shangri-La”. In 2022, we further promoted the new energy acceleration plan, and defined our position as “China brand of the world’s first-line mainstream electric vehicle”. The scale of new energy vehicles has doubled for two consecutive years, and our ranking in the industry has risen to sixth place.

智能化战略加速推进，助推长安汽车向智能低碳出行科技公司转型

The intelligent strategy is accelerated, which provides a boost for Changan Auto to transform into an intelligent low-carbon travel technology company

2018年，长安汽车发布智能化“北斗天枢”计划。截至目前，已累计投放智能网联汽车270余万辆。

In 2018, Changan Auto released the “Duble Intelligent Program”. Up to now, we have released more than 2.7 million intelligent networked vehicles.

智能体验——为您提供极致出行体验。预计到2025年，车载功能将实现100%语音控制，L4级智能驾驶产品将上市。

Intelligent experience——provide you with the unparalleled travel experience. It is estimated that by 2025, Changan Auto’s on-board functions will achieve 100% voice control, and L4 intelligent driving products will be listed.

智能联盟——组建北斗天枢联盟。构建智能驾驶、智能网联、立体交通三大产业生态联盟，与合作伙伴实现共赢。

Intelligent alliance——form a Duble Intelligent Alliance. We aim to build three industrial ecological alliances: intelligent driving, intelligent networking and three-dimensional transportation to achieve a win-win situation with partners.

千人千亿——夯实两大保障，人才保障与资源保障。

Thousands of talents and hundreds of billions of capital investment——consolidate two major guarantees, talent guarantee and resource guarantee.



2.2.2 “新汽车+新生态” “New Auto + New Ecology” Strategy

长安汽车坚持以“新汽车 新生态”战略为指引，以“香格里拉”、北斗天枢”计划为主线，召开第二届“新汽车 新生态”科技生态大会，开启新汽车新赛道，发布SDA超级智能平台和首款基于SDA-S的原型车CD701。

Changan Automobile adheres to the “New Auto + New Ecology” Strategy, and takes the “Mission Shangri-La” and “Dubhe Intelligent Program” as the main line to hold the 2nd “New Auto + New Ecology” Technology and Ecology Conference, open a new auto track, and release the SDA super intelligent platform and the first prototype CD701 based on SDA-S.

大会发布智能品牌“诸葛智能”，为用户带来“诸葛交互、诸葛智驾、诸葛生态”三大核心体验。

At the conference, Changan Auto released the smart brand “Smart Zhuge”, which brought users three core experiences of “Zhuge Interactive, Zhuge Intelligent Driving and Zhuge Ecology”.

到2025年，公司在新能源、智能化、数字转型等重点领域投入超800亿元，智能化、软件及新能源研发人员超1万人。

By 2025, Changan Auto will invest more than 80 billion yuan in key areas such as new energy, intelligence and digital transformation, with more than 10,000 R&D personnel in intelligence, software and new energy to participate.



诸葛交互：全场景智能新交互空间，支持全车功能场景的自由编排。

Zhughe Interactive: A new interactive space with intelligent whole scene, which supports the free arrangement of functional scenes of the whole vehicle.

诸葛智驾：实现全时陪驾、分时代驾，为用户提供“无忧、无界、无感、无境”的智能驾驶服务。

Zhughe Intelligent Driving: Realize full-time escort and time-sharing substitute driving, and provide users with “worry-free, unbounded, senseless and boundless” intelligent driving service.

诸葛生态：构建集软件服务、内容订阅与数字硬件接入为一体的生态体系。

Zhughe Ecology: Build an ecosystem integrating software services, content subscription and digital hardware access.



2.2.3 全球化战略

Globalization Strategy

长安汽车稳步推进海外战略，海外市场加速拓展，不断提升海外知名度美誉度，足迹遍布全球63个国家和地区。

Changan Automobile has steadily promoted the globalization strategy, accelerated the expansion of overseas markets, and continuously enhanced its overseas popularity and reputation. Its layout covers 63 countries and regions around the world.

全球区域总部进入筹备建设阶段，东盟基地建设稳步推进。

The Global Department has entered the stage of preparation and construction, and the construction of ASEAN base is progressing steadily.

2022年，长安汽车海外销量实现历史新高，出口规模突破 24.9 万辆，同比增长 56.57%。在沙特、智利等 10 个国家销量排名中国品牌数一数二。

In 2022, Changan Auto's overseas sales reached a record high, and its export scale exceeded 249,000 units, up 56.57% year-on-year. Changan Auto is one of the best brands in China in terms of sales volume in 10 countries including Saudi Arabia and Chile.



在第十届沙特阿拉伯PR汽车奖颁奖典礼上，UNI-K斩获“2022年度最佳中型SUV Coupe”大奖

UNI-K won the “Best Medium-sized SUV Coupe in 2022” at the 10th Saudi Arabia PR Automobile Awards Ceremony



新悦翔右舵产品在巴基斯坦，荣获“艾菲金奖”，成功评选为最受巴基斯坦年轻消费者喜爱的汽车品牌

Changan Alsvin right rudder products won “EFFIE AWARDS” in Pakistan, and were selected as the most popular auto brand among young Pakistani consumers



长安汽车荣获阿曼“最佳亲民奢侈品牌”和“年度未来汽车品牌”两项大奖。2022年，长安汽车快速成长为当地市场行业Top10，销量同比增长90%

Changan Auto won two awards of the Sultanate of Oman, that is “Best People-friendly Luxury Brand” and “Future Automobile Brand of the Year”. In 2022, Changan Autom rapidly grew into the local market industry Top10, and its sales volume increased by 90% year-on-year



长安汽车 UNI-T、CS55PLUS 登陆智利。2022年，长安汽车在智利的销量持续上涨，市占率突破4.5%，稳居行业前十

Changan automobile UNI-T and CS55PLUS are sold in Chile. In 2022, the sales volume of Changan Auto in Chile continued to rise, and its market share exceeded 4.5%, ranking among the top ten in the industry

2.2.4 跨界合作的朋友圈

"Partnership Circle" for Cross-border Cooperation

长安汽车围绕“科技、数字、用户、绿色”四大生态、“芯片、控制器、算法”等16项重点领域，构建“416+N”新型朋友圈，与中国联通、德赛西威、中兴通讯等22家国内外头部企业签订战略合作协议，进一步提升公司核心能力建设。

Changan Auto built a “416+N” new circle of partnership around the 4 ecologies of “technology, digital, user, green”, 16 key areas such as “science and technology, digital, users and green”, and signed strategic cooperation agreements with 22 domestic and foreign leading enterprises such as China Unicom, Desay SV and ZTE, which further enhanced the company’s core competence.

与武汉大学、复旦大学、中国汽研等 20 余家高校、企业共建联合实验室，共研共享关键技术，合作拓展新产业边界，携手共创科技新生态。

Changan Auto cooperated with more than 20 universities and enterprises, including Wuhan University, Fudan University and China Automotive Technology & Research Center Co. Ltd. (CATARC), to build a joint laboratory, to research and share key technologies, and cooperate to expand the boundaries of new industries, and jointly create a new science and technology ecology.



2022年2月，长安汽车与华为签订军令状

In February 2022, Changan Auto signed a “military pledge” with Huawei



2022年6月23日，长安汽车-中科芯汽车半导体联合创新中心签约暨揭牌仪式

On June 23, 2022, the signing and unveiling ceremony of Changan Auto-China Core Auto Semiconductor Joint Innovation Center



2022年，长安汽车召开全球伙伴大会。来自40余个国家的2935家经销商、612家供应商、504家媒体及用户参会

In 2022, Changan Auto held the Changan Automobile Global Partner Conference. 2,935 dealers, 612 suppliers, 504 media and users from more than 40 countries attended the conference



2022年4月27日，长安汽车与中国联通签订战略合作协议，推进智能制造、大数据融合、智能网联等数字化合作

On April 27, 2022, Changan Auto signed a strategic cooperation agreement with China Unicom to promote digital cooperation such as intelligent manufacturing, big data integration and intelligent network connection



2022年8月11日，长安汽车与德赛西威签订战略合作协议，推进SDA中央计算机关键零部件的研发及产品量产落地

On August 11, 2022, Changan Auto signed a strategic cooperation agreement with Desay SV, aiming at promoting the research and development of key components of SDA central computer and mass production of products

2.3 责任理念及体系

CSR Concept and System

长安汽车致力于向行业输入长期持续的创新，向社会作出源源不断的贡献，不断满足人们更加美好的生活需要。

Changan Auto is committed to contributing long-term and continuous innovation into the industry, making continuous contributions to the society and constantly meeting people's needs for a better life.

To Customer 对客户

我们坚持客户为尊，深耕客户需求，精进客户服务，满足客户在全场景下对产品和服务的不同需求，打造极致的产品和服务体验。

We insist on customer first, dig deep into customer needs, improve customer service, meet customers' different needs for products and services in the whole scene, and bring customers the incomparable product and service experience.

To Employees 对员工

我们坚持发展依靠员工、发展成果由员工共享的理念，真心爱才、悉心育才、精心用才，打造事业发展共同体。

We adhere to the concept of relying on employees for development and sharing development results with employees. We sincerely love talents, cultivate talents carefully and use talents carefully, and are committed to building a community of career development.

To Partners 对合作伙伴

我们秉持开放合作的理念，坚持诚信、平等、共赢的原则，建立风险共担、价值共创、利益共享的长期伙伴关系。

We adhere to the principle of integrity, equality and win-win, to establish a long-term partnership of risk sharing, value creation and benefit sharing.



对社会 To Society

我们致力于做负责任的企业楷模，为社会、经济和环境可持续发展作出积极贡献。

We are committed to being a responsible corporate model, and making a contribution to social, economic and environmental development.

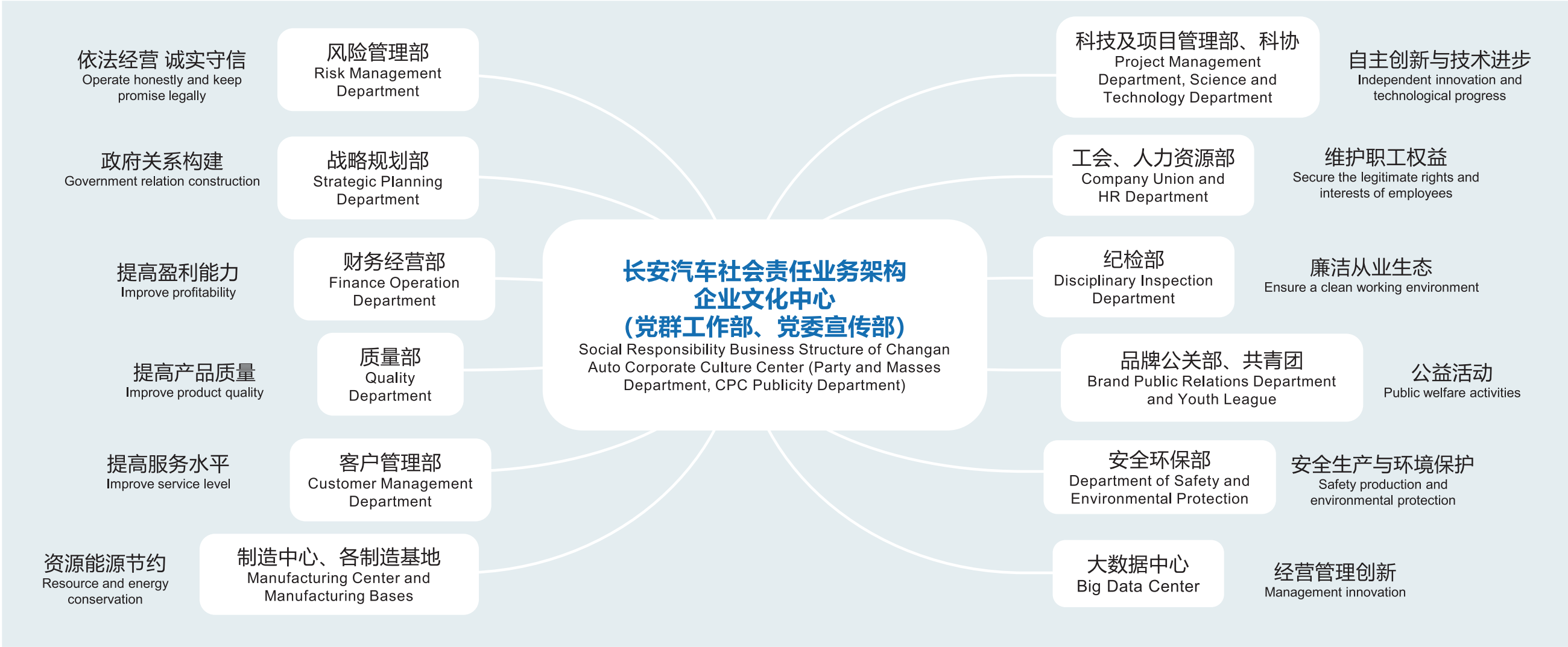
对股东 To Shareholder

我们一贯坚持透明高效、诚信经营，追求盈利和业绩的可持续增长，创造价值和效益，提供长期、稳定和良好回报。

We always insist on transparent, efficient and honest management, pursue the sustainable growth of profit and performance, create value and benefit, and provide long-term, stable and good returns for shareholders.

长安汽车按照《重庆长安汽车股份有限公司社会责任的管理程序》要求，明确企业社会责任规划管理、执行管理和运营评价管理等方面内容，严格执行对外捐赠流程和信息披露制度等，实现社会责任工作规范化与体系化。

The "Requirements of Chongqing Changan Auto's Social Responsibility Management Procedures" clearly stipulated our social responsibility planning management, execution management and operation evaluation management, by which, we strictly implement the donation process and information disclosure system to realize the standardization and systematization of our social responsibility.



2.4 利益相关方沟通

CSR Communication with Stakeholders

长安汽车建立多样化的利益相关方沟通方式，通过发布社会责任报告、在企业官方网站设置社会责任专栏、开通微信微博、开展用户体验官活动等，向社会和利益相关方传播责任理念，展示履行经济责任、环境责任和社会责任方面的进展和成果。

Changan Auto has established a variety of stakeholder communication methods, such as publishing social responsibility reports, setting up social responsibility columns on the official website of the enterprise, opening WeChat account and Weibo account, and carrying out user experience officer activities, etc., to publicize the CSR concept to the society and stakeholders and show the progress and achievements in fulfilling economic responsibility, environmental responsibility and social responsibility.

利益相关方 Stakeholder	沟通理念 Communication concept	诉求 Demands	我们的行动与措施 Our actions and measures
客户 Customers	<p>我们坚持客户为尊，深耕客户需求，精进客户服务，满足客户在全场景下对产品和服务的不同需求，打造极致的产品和服务体验。</p> <p>We insist on customer first, dig deep into customer needs, improve customer service, meet customers' different needs for products and services in the whole scene, and bring customers the incomparable product and service experience.</p>	<p>提供高质量产品；提供愉悦的体验； 提供感动欣喜的服务</p> <p>Provide high quality products; Provide a pleasant experience; Provide a service that touches the heart</p>	<p>客户体验评价机制、诚信服务五大承诺、明亮行动、超级星期三</p> <p>Establishing a customer experienceevaluation mechanism, the Five Commitments of Sincere Services, the Clean Campaign, "Super Wednesday"</p>
员工 Employees	<p>我们坚持发展依靠员工、发展成果由员工共享的理念，真心爱才、悉心育才、精心用才，把员工的成长及愿望和企业的发展紧紧捆绑在一起，打造事业发展共同体。</p> <p>We insist on customer first, dig deep into customer needs, improve customer service, meet customers' different needs for products and services in the whole scene, and bring customers the incomparable product and service experience.</p>	<p>获得职业发展；强化管理互动； 保障员工权益；工作生活平衡</p> <p>Gain professional development; Enhance management interaction; Employee protection; Work-life balance</p>	<p>职位发展体系、长安汽车大学、员工技能大赛、经理级继任者选拔机制 合理化建议、沟通园地、股权激励机制、递延奖金计划、员工协会活动</p> <p>The job development system, Changan Automobile University, Employee Skill Competition, the junior staff competition mechanism, reasonable suggestion-taking mechanism, communication sites, the equity incentive mechanism, the deferred bonus plan, staff association activities</p>
股东 Shareholders	<p>我们一贯坚持透明高效、诚信经营，追求盈利和业绩的可持续增长，创造价值和效益，提供长期、稳定和良好的回报。</p> <p>We adhere to transparent, efficient, honest and pragmatic operation, pursue profit and sustainable growth of performance, and provide long-term, stable and good returns for shareholders.</p>	<p>持续成长的经营业绩； 公正透明的信息披露； 稳定良好的投资回报</p> <p>Ever-growing business; performance Transparent information disclosure; Stable and good return on investment</p>	<p>保持稳定的分红，严格履行信息披露义务，与资本市场保持良好沟通，树立公司在资本市场的良好形象</p> <p>Maintain stable dividends, fulfill the obligation of information disclosure, carry out investor interaction online and offline, establish interaction mechanism for multi-level investors, maintain communication with the capital maet, and build a good image in the capital market for the company</p>
合作伙伴 Partners	<p>我们秉持开放合作的理念，坚持诚信、平等、共赢的原则，建立风险共担、价值共创、利益共享的长期伙伴关系，携手同行，共谋未来。</p> <p>With the principles of honesty, equality and win-win,we seek openness and cooperation and strive to build a long-term partnership which creates value and shares risks and benefits for a bright future.</p>	<p>共同发展；长期合作；能力帮扶</p> <p>Mutual growth; Long-term cooperation; Assistance in ability-building</p>	<p>经销商大会、“1241”营销赋能体系、单店赋能培训 供应商大会、阳光采购体系、数字化供应链建设、供应商帮扶和认证 CA-QIP长安质量改进流程</p> <p>The dealers' conference, the "1241" marketing empowering system, the single store empowering training, the suppliers' conference, the sunshine procurement system, digital supply chain construction, supplier assistance and certification, CA-QIP Changan Quality Improvement Process</p>
社会 Society	<p>我们致力于做负责任的企业楷模，长期科技创新，不断扩大就业，积极倡导绿色低碳出行，为社会、经济 and 环境的可持续发展作出积极贡献。</p> <p>We are committed to being a model as a responsible enterprise, constantly expanding employment, practicing energy conservation and emission reduction, actively advocating green living, and contributing to social, economic and environmental development.</p>	<p>扩大就业；依法纳税；节能环保； 公益慈善事业</p> <p>Expand employment; Pay taxes according to law; Being environment-friendly and saving energy; Public welfare and charity</p>	<p>第三次创业-创新创业计划6.0、可持续发展、“香格里拉”计划、绿色制造、绿色供应链、乡村振兴、油茶树碳汇方法开发、公益及志愿者活动</p> <p>The Third Business Venture -- Innovation and Entrepreneurship Program 6.0, sustainable development, Mission Shangri-la, green manufacturing, green supply chain, rural revitalization, development of carbon sequestration method of camellia oleifera, public welfare and volunteer activities</p>

03

科技创新 引领未来

Technological
Innovation,
Leading the Future

科技创新

Technological Innovation

高质量产品提供者

A Provider of High-quality Product

打造世界一流汽车品牌

Committed to Build a World
-Class Automobile Brand

防范经营风险

Prevention of Operational Risks



3.1 科技创新

Technological Innovation

长安汽车致力于向智能低碳出行科技公司转型，坚持每年将销售收入的5%投入到研发。我们在快速提升的科技创新体系支持下，技术创新不断突破，持续带来更智能、优质的绿色出行方案。

Changan Auto is committed to transforming into an intelligent low-carbon travel technology company, and insists on investing 5% of its sales revenue in research and development every year. With the support of the rapidly improving scientific and technological innovation system, we insist on continuous breakthroughs in technological innovation and continue to bring smarter and better green travel plans.

3.1.1 技术创新

Technical Innovation

新能源技术水平大幅提升，核心技术不断掌握

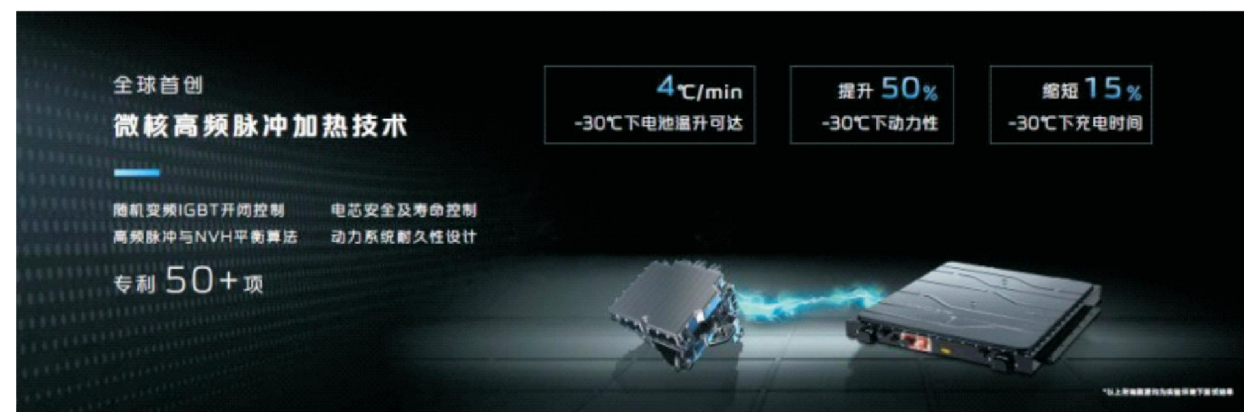
Vigorously improve the level of new energy technology, constantly hold core technologies in our own hands

坚持自主创新，掌握新能源“大三电”等核心技术400余项，发布“零起火”电池、“七合一”智慧芯、“八合一”电驱总成和脉冲加热技术。开发新能源EPA0、EPA1、EPA2全新平台，形成大中小新能源专属平台。

Sticking to independent innovation, Changan Auto has mastered more than 400 core technologies such as “battery, motor and electronic control system” of new energy, and released “battery with zero major failure rate”, “seven-in-one” smart core, “eight-in-one” electric drive assembly and pulse heating technology. In addition, we have also developed new platforms for new energy sources, such as EPA0, EPA1 and EPA2, forming exclusive platforms for large, medium and small new energy sources.

APA6.0、七合一电驱 EDS2等技术实现行业首发，处于行业领先水平。

Changan Auto is the first company in the industry to launch technologies such as APA6.0 and 7-in-1 electric drive EDS2, which is at the leading level in the industry.



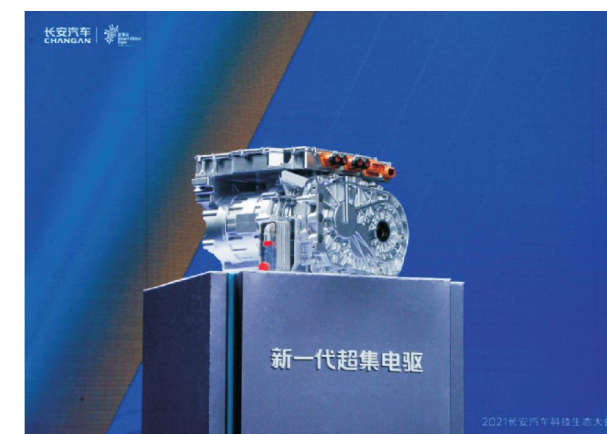
长安深蓝SL03全球首创微核高频脉冲加热技术，可在-30°C极寒环境下，实现5分钟加热20°C，极大提升用户在严寒下的用车体验

DEEPAL SL03 adopts the world's first micronucleus high-frequency pulse heating technology, which can heat 20°C for 5 minutes in the extremely cold environment of -30°C, greatly improving the user's use experience in severe cold



电控技术：打造“七合一”智慧芯SVDC，相比上一代产品性能提升70%、成本降低43%，为用户提供“千人千面、常用常新”的用车体验

Electronic control technology: “seven-in-one” smart core SVDC, compared with the previous generation products, its performance is improved by 70% and its cost is reduced by 43%, providing users with “personalized service and phased upgraded service”



电驱技术：原力超集电驱，获评第二届“世界十佳电驱动”及“中国心”2022年度十佳新能源汽车动力系统

Electric drive technology: Changan Auto's ultra-integrated electric drive was awarded the “Top Ten Electric Drives in the World” in the 2nd selection and “Top Ten New Energy Vehicle Power Systems in ‘China Heart’” in 2022



电池技术：iBC数字电池管家，避免电池整包热失控，为用户人身财产安全提供保障

Battery technology: iBC digital battery housekeeper, which can avoid the thermal runaway of the whole battery package and provide protection for the personal and property safety of users

3.1.1 技术创新

Technical Innovation

智能化技术成果丰硕，多项技术行业领先，首发量产

Rich intelligent technological achievements, many technologies are leading in the industry, and the first launch and mass production of many technologies have been realized

我们掌握视觉感知、多模融合等 200 余项智能化核心技术，智能汽车安全技术全国重点实验室获批运行，“芯器图核云网天”多项技术首发量产，研发实力再获行业第一。8 人入选智能网联汽车国际专家组（HEAG），人数居国内车企第一。

Changan Auto has mastered more than 200 intelligent core technologies such as visual perception and multimodal fusion. Our national key laboratory of smart automobile safety technology has been approved for operation, and many technologies such as “chips-devices-maps-core parts-cloud network-satellite” synergy have been launched and mass-produced, and the research and development strength has won the first place in the industry. Eight people were selected into Expert Group on the Coordination of International Standards and Regulations for Intelligent Networked Vehicles (HEAG), ranking first among domestic automobile enterprises.

智能驾驶：行业首发APA6.0远程智能泊车并搭载UNI-V，获得2022世界智能驾驶挑战赛金奖。

Intelligent driving: APA6.0, the industry's first remote intelligent parking with UNI-V, won the gold medal in the 2022 World Intelligent Driving Challenge.

智能空间：完全自主掌握RNC主动路噪消减技术，实现行业首发。

Smart space: We have completely mastered the active road noise reduction technology of RNC, and achieved the first launch in the industry.

SDA-S打造以用户为中心的“中央+区域”环网电子电气架构，实现整车服务化软件架构、标准化与抽象化的硬件架构，带动汽车周边部件向智能化转型。

SDA-S builds a user-centered “central+regional” ring network electronic and electrical architecture, realizes the service software architecture of the whole vehicle, standardizes and abstracts the hardware architecture, and drives the intelligent transformation of automobile peripheral components.



APA6.0远程智能泊车技术
APA6.0 Remote Intelligent Parking Technology



UNI-V基于先进的遗传算法，获2022年中国十佳底盘称号

UNI-V was awarded the title of “Top Ten Chassis” in China in 2022 based on advanced genetic algorithm



自主突破RNC关键技术瓶颈，运用静音轮胎、双级隔振、高刚度轮辋等技术，阿维塔E11成为长安车型静音标杆

We independently broke through the bottleneck of key technologies of RNC, and used technologies such as silent tires, two-stage vibration isolation and high-rigidity rims to make AVATR E11 a silent benchmark for Changan Auto's vehicles

3.1.1 技术创新

Technical Innovation

持续秉承绿色可持续发展理念，积极践行低碳科技转型，发布面向绿色未来的“**原力电动、长安智电iDD、长安氢燃料电池系统**”三大新能源动力系统。

Adhering to the concept of green sustainable development, Changan Auto has been actively practicing the transformation of low-carbon technology. The specific practices include the release of three new energy power systems: “Force Electric, Changan Smart Power System iDD and Changan Hydrogen Fuel Cell System” for a green future.



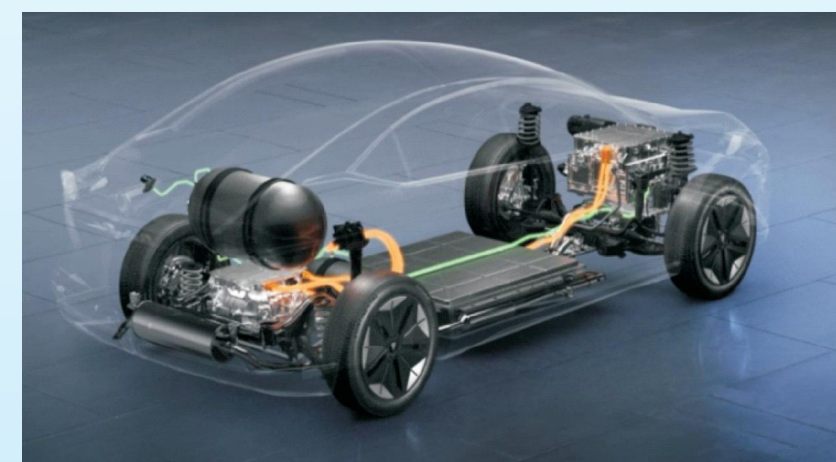
原力电动技术累计拥有专利181项，得益于最高效率达95%的原力超集电驱系统的加持，实现了1200km超长续航

Changan Auto's Force technology includes intelligent range extension, ultra-integrated electric drive, etc. With more than 181 technical patents, the efficiency of ultra-integrated electric driv assembly can reach 95%. The cruising range of intelligent extended range can reach 1200 kilometers



长安智电iDD可油可电，既保留了传统燃油车的强劲动力，又注入了电驱动的静谧平顺，满足用户全程“0焦虑”出行新体验

Changan Auto's Smart Power System iDD can use both fuel and electricity, which not only retains the strong power of traditional fuel vehicles, but also injects the quiet and smooth characteristics of electric drive, which can meet the new requirements of “zero anxiety” travel of users



长安氢燃料电池系统是国内首款量产自主轿车氢燃料电池系统，助力零碳未来出行

Changan Auto's hydrogen fuel cell system is the first self-developed automobile hydrogen fuel cell system in China, which can help realize zero-carbon future travel

3.1.1 技术创新
Technical Innovation

核心技术专利 Core Technology Patent

长安汽车专利申报“量”多“质”优，行业排名增速明显，取得发明专利和外观设计专利银奖“零”的突破。

Changan Auto's patents can be called large "quantity" and excellent "quality", and the growth rate in the industry ranking is obvious, and it has achieved a breakthrough of "0" for invention patents and design patents.

技术专利 Technology patents

2022年，公司完成专利申报4910件（13件/天），同比增长144%，发明专利3548件，同比增长195%。

In 2022, the company applied for 4,910 patent applications (13/day), up 144% year-on-year, including 3,548 invention patents, up 195% year-on-year.

根据《2022中国汽车专利数据统计分析》，公司汽车专利公开量、发明专利公开量跃居TOP3，智能化技术领域专利公开量跃居TOP1。

According to "Statistical Analysis of Automobile Patent Data in China in 2022", the disclosure of automobile patents and invention patents of Changan Auto jumped to TOP3, and that of intelligent technology jumped to TOP1.

专利“混合动力汽车及其发动机启动控制方法”和专利“汽车”（UNI-T）分别获中国专利银奖、外观设计银奖，实现兵装集团发明奖项“0”的突破。

Changan Auto's patent "Hybrid Electric Vehicle and its Engine Start Control Method" and patent "UNI-T" won the silver award of China Patent Award and the silver award of design respectively, which achieved the breakthrough of "0" in the invention award of weapons and equipment enterprises.

荣获省部级科技奖 20 项

20 Provincial and Ministerial Science and Technology Awards

荣获2022年度中国汽车工程学会科技奖 9 项

9 science and technology awards of China-SAE in 2022

长安汽车“张晓宇”获2022年度中国汽车工程学会科技奖优秀科技人才奖，“吴礼军”获2022年度中国汽车工程学会会士。

Zhang Xiaoyu, Changan Auto's employee won the 2022 China-SAE Science and Technology Award for Outstanding Scientific and Technological Talents; Wu Lijun won the Fellowship of China-SAE in 2022.

2021年度公司共计荣获重庆市科技奖 10 项

In 2021, the company won 10 Chongqing Science and Technology Awards

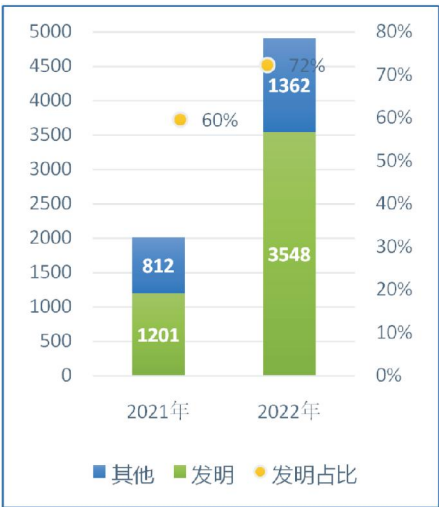
其中：“智能汽车端云一体化平台关键技术及应用”等获一等奖2项

Among which, "Key Technologies and Applications of Smart Automobile Terminal Cloud Integration Platform" won 2 first prizes

“高品质智驾CS75 PLUS全新SUV平台开发及应用”等获二等奖2项

"Development and Application of High-quality Intelligent Driving CS75 PLUS Brand-new SUV Platform" won 2 second prizes

发明专利占比情况
Proportion of Invention Patents



3.1.1 技术创新

Technical Innovation

标准化荣誉情况 Honors in Standardization

长安汽车积极落实国家战略和公司转型要求，搭建“低碳”专业领域标准体系，主导和参与外部标准55项，引领技术发展。

Changan Auto actively implements the national strategy and company transformation requirements, sets up a “low-carbon” professional standard system. And Chang’ an Auto has participated in the formulation of 55 external standards and played a leading role in them, leading the technological development.

主导标准：长安汽车主导的ITU《汽车多媒体系统实现》国际标准成功立项，且成功提案9项；积极参与WP.29联合国车辆法规协调工作，完成NVH、新能源领域提案。

Standards formulated under its leadership: The ITU international standard “Realization of Automotive Multimedia System” compiled under the leadership of Changan Auto was successfully established, and 9 proposals were successfully put forward. Changan Auto actively participated in the coordination of WP.29 United Nations vehicle regulations, and completed the proposal in the field of NVH and new energy.

标准领跑：入围首批企业标准“领跑者”榜单，成为唯一上榜的自主品牌车企，上榜标准数量居央企第一；牵头制定的《电动汽车高压连接器技术条件》标准入选工信部百强团标，长安汽车7项团体标准荣获2022年度中国汽车工程学会优秀标准项目，入选数量居各汽车品牌第一。

Standard forerunner: Changan Auto was shortlisted in the first batch of “Enterprise Standard Forerunner” list, becoming the only self-owned brand automobile company on the list, and the number of standards on the list ranked first among central enterprises; The standard “Technical Requirements for High-voltage Connectors of Electric Vehicles” led by Changan Auto was selected as one of the top 100 group standards of Ministry of Industry and Information Technology. The 7 group standards of Changan Automobile won the excellent standard project of China-SAE in 2022, ranking first among all automobile brands.

人才培养：培养中国车企首位IEC专家，注册长安首位ISO专家；中国汽车行业标准化青年专家数行业第一。

Talent cultivation: Changan Auto trained the first IEC expert of China automobile enterprises and registered the talent as the first ISO expert of Changan Auto; The number of standardized young experts in China automobile industry ranks first in the industry.

外部荣誉：《汽车企业有效支撑“智能化、网联化、电动化、共享化”新四化转型的标准体系建设》荣获第二十九届全国企业管理现代化创新成果二等奖，荣获重庆市汽车标准化技术委员会“先进集体”，中国汽车标准国际化中心（日内瓦）2022年度“最佳贡献奖”等荣誉。

External honors: The “Standard System Construction of Automobile Enterprises Effectively Supporting the New Four-modernization Transformation of ‘Intelligentization, Networking, Electrification and Sharing’” issued by Changan Auto won the second prize of the 29th National Enterprise Management Modernization Innovation Achievement. And Changan Auto also won the title of “Advanced Collective” issued by Chongqing Technical Committee of Auto Standardization, and the “Best Contribution Award” of China Automobile Standards Internationalization Center (Geneva) in 2022.



3.1.2 新一批科技创新主体成功设立

A New Batch of Scientific and Technological Innovation Subjects were Successfully Established

科技是长安汽车的战略重点，我们以科技驱动公司高质量发展，构建技术新生态，大力投入研发资源，产出高质量、有影响力的科技成果，提升科技创新水平。

Changan Auto takes science and technology as the strategic focus, and drives the company's high-quality development with science and technology to build a new technological ecology. Changan Auto has invested heavily in R&D resources, produced high-quality and influential scientific and technological achievements, and improved the level of scientific and technological innovation.

科技为先，创新引领，长安科技公司正式起航。未来十年，我们将以长安科技为中心，在新汽车科技产业链累计投入超1500亿元，构建超过10000人的科技创新团队，形成“用户共创、员工共赢、伙伴共建”的全新商业模式。

Give priority to science and technology and lead with innovation. Changan Science and Technology Company officially set sail. In the next decade, with Changan Technology as the center, we will invest more than 150 billion yuan in the new automobile technology industry chain, build a technology innovation team with more than 10,000 people, and form a brand-new business model of “users participating in the production process, employees winning together and partners building together”.

突破新技术，共创新汽车，长线智能项目落地。我们积极合作构建产业生态，设立如提供智能驾驶全套解决方案的长线智能等科技企业，实现千亿级的科技产业规模。打造软件定义汽车的战略新高点，集聚支撑有力的科技创新主体。

Break through new technologies, innovate new type of vehicles together, and set up the Changxian intelligent projects. We actively build an industrial ecology, set up Changxian Intelligent Technology Co., Ltd. and other technology enterprises that can provide a complete set of intelligent driving solutions, and achieved a scale of 100 billion-level technology industry. We aim to build a new strategic high point of software-defined automobile and gather and support powerful scientific and technological innovation subjects.



2022.12.25·长安汽车科技成果展暨长安160周年系列活动

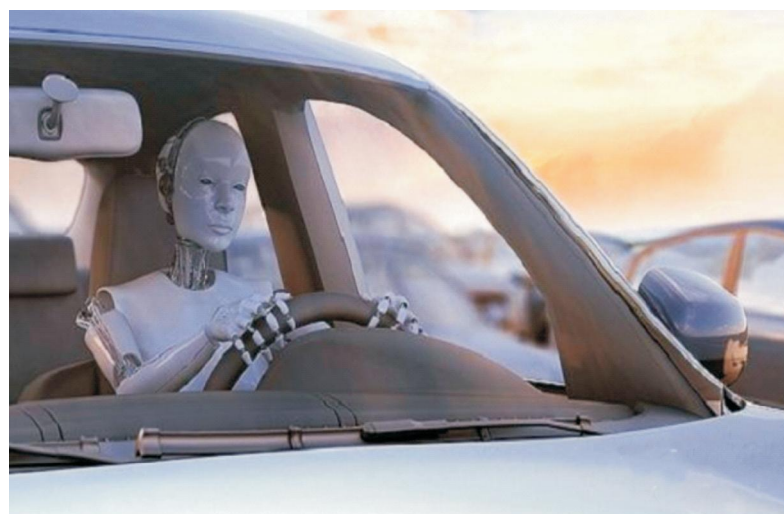


我们成为国家实验室体系改革后第二批入轨的全国重点实验室，也是重庆唯一一家以企业为主体的全国重点实验室。新建 3 个省部级科研平台，以科技生态支撑科技创新。

We have become the second batch of national key laboratories selected after the reform of the national laboratory system, and the only national key laboratory in Chongqing with enterprises as the main body. We have newly established 3 provincial and ministerial scientific research platforms to support scientific and technological innovation with scientific and technological ecology.

我们发布新汽车开发流程 CA-EPDS 3.0，产品开发周期缩短 2 个月。主导发布外部标准 19 项，其中国际标准/法规 5 项，《汽车多媒体网络实现》成为中国车企主导的首个 ITU 国际标准。

We released the new automobile development process CA-EPDS 3.0, and shortened the product development cycle by 2 months. We issued 19 external standards, including 5 international standards/regulations. "Automotive Multimedia Network Realization" formulated by us has been the first ITU international standard led by Chinese automobile enterprises.



3.1.3 数字化转型
Digital Transformation

长安汽车以价值为导向、客户为中心，平台为载体，聚焦“体验提升”“效率提升”“成本降低”“模式创新”，通过数字化转型，打造行业数字化标杆，构建“云网台景”CNPS平台化产业模式，实现与用户和合作伙伴的直通智联，创造新的商业价值。

Changan Auto adheres to value-oriented, customer-centered, and platform-based, focusing on “experience improvement”, “efficiency improvement”, “cost reduction” and “model innovation”. Through digital transformation, Changan Auto has built a digital benchmark of the industry and built a platform-based industrial model of “Cloud Network Platform” CNPS, aiming at realizing direct connection with users and partners and creating new commercial value.

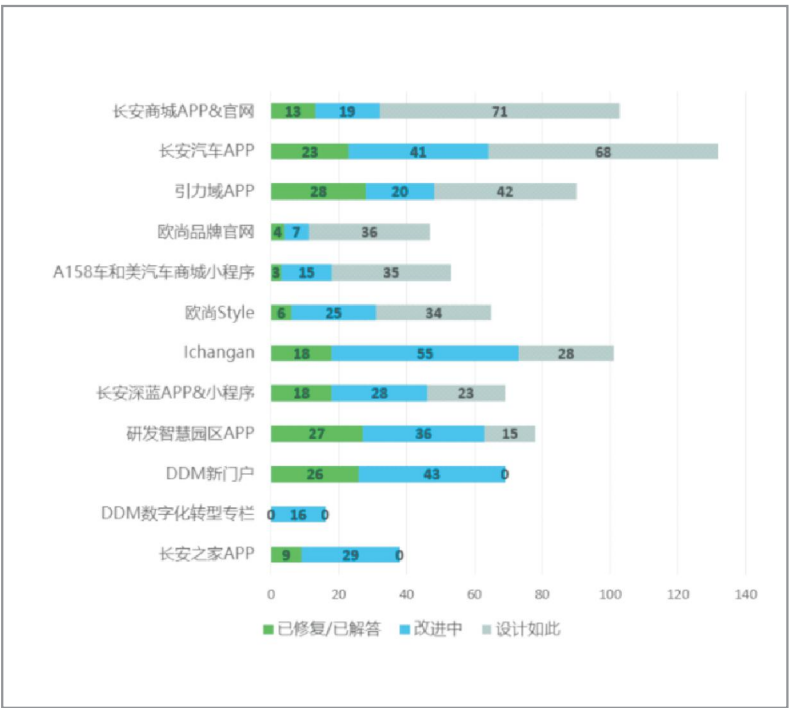
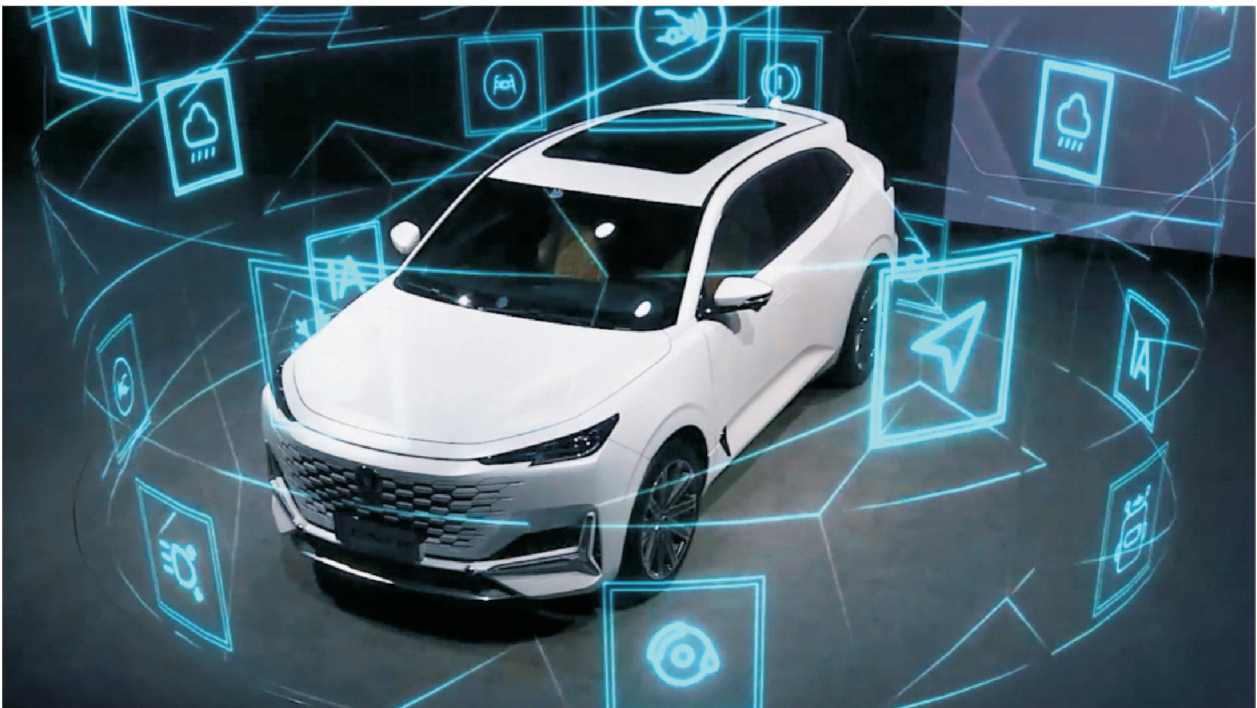
开展“新二分之一工程”，我们推动冗余、反复问题能耗减半，数据自采集率提高一半。
Carry out the “new one-half project”, that is, reduce the energy consumption of redundant and repeated problems by half and increase the self-collection rate of data by half.

我们的数字化底座以“统一、安全、高效、自主可控”为目标，沉淀4000+原子服务能力。
Our digital base aims at “unification, safety, high efficiency and self-control”, and ultimately forms 4000+ atomic service capability.

我们推动153个数字化转型项目按期达成客户体验、效率提升、效益改善目标。
We promoted 153 digital transformation projects and achieved the goals of customer experience, efficiency improvement and benefit improvement on schedule.



长安汽车自主构建的自助BI分析平台
BI analysis platform independently built by Changan Auto



蓝军累计完成14款产品评价、提出优化点861项、改进建议661项
Changan Auto has completed 14 product evaluations, put forward 861 optimization points and 661 improvement suggestions

3.2 高质量产品提供者

A Provider of of High-quality Product

3.2.1 产品创新

Product Innovation

我们坚持以产品为主线，打造极致客户体验、低碳智能的卓越产品。2022年，我们聚焦长安品牌、深蓝、阿维塔三大品牌，打造智能电动新标签，新产品赢得用户青睐。

We insist on taking products as the main line, and create excellent products with the ultimate customer experience and low carbon intelligence. In 2022, we focused on Changan brand, DEEPAL and AVATR, and created a new label for smart electric products, and the new products won the favor of users.

全新产品阿维塔11，用户订单超过2万，限量款车型阿维塔011在推广首站便一抢而空。

AVATR 11, a brand-new product, has more than 20,000 user orders; AVATR 011, a limited-edition model, was sold out at the first promotion stop.

长安深蓝SL03，上市33分钟订单破万，成为国内最快实现交付破万的新能源品牌。在研新品长安深蓝S7探索极速投产新模式，将于今年顺利上市。

DEEPAL SL03, with an order volume of over 10,000 in just 33 minutes, has become a new energy brand in China to be delivered over 10,000 in the fastest speed. At present, we are developing a new product, DEEPAL S7, to explore a new mode of rapid production, and plan to go on the market this year.

长安 Lumin连续 5 个月交付破万，排名细分市场数一数二，成为A00级市场现象级产品。

Products of Changan Lumin were delivered more than 10,000 yuan for 5 consecutive months, ranking one of the best in the market segment and becoming a phenomenal product in A00 market.

长安汽车智电之夜，UNI-V智电iDD、第三代CS75 PLUS 智电iDD等混动产品悉数登场，展现长安汽车硬核技术实力与卓越产品实力。

On the Smart Power Night of Changan Auto, hybrid products such as UNI-V Smart Power iDD and the third generation CS75 PLUS Smart Power iDD all appeared, showing Changan Auto's superior technical strength and excellent product strength.



3.2.2 产品质量

Product Quality

长安汽车坚持“面向世界一流，打造质量先导型企业”，以打造卓越质量为方针，践行“持续提升、客户满意、追求卓越”的质量理念。

Adhering to the principle of “aiming at the world first-class to build a quality-oriented enterprise”, Changan Auto takes creating excellenquality as the policy, and practices the quality concept of “continuous improvement, customer satisfaction and pursuit of excellence”.

我们以打造质量创新中心为目标，形成6Sigma文化，助推公司经营质量提升，实现产品卓越、体验卓越、软件卓越、治理卓越、能力卓越。

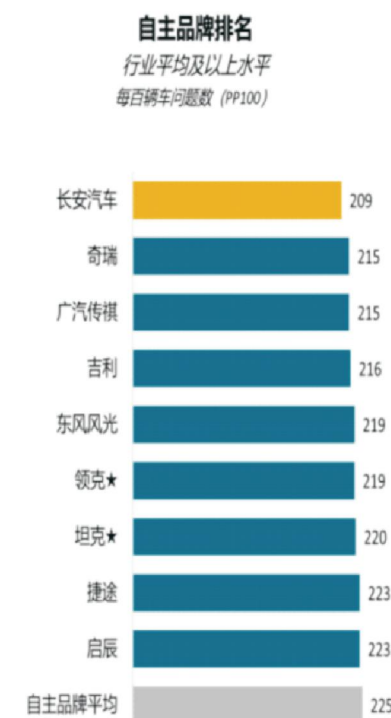
With the goal of building a quality innovation center, we have formed a 6Sigma culture in the process, which has boosted the company's operating quality and achieved excellent products, experience, software, governance and ability.

2022年9月，J.D.Power 2022年中国新车质量研究（IQS），长安汽车荣膺“中国自主品牌新车质量”第一，逸动 PLUS 荣获“中型基础轿车”第二，CS35PLUS 荣获“紧凑型 SUV”第三。

In September, 2022, in the 2022 Study on New Vehicle Quality in China (IQS) released by J.D.Power, Changan Auto won the first place in “New Vehicle Quality of China Independent Brand”, EADO PLUS won the second place in “Medium-sized Basic Car” and CS35PLUS won the third place in “Compact SUV”.



J.D. Power
2022中国新车质量研究SM (IQS)



3.2.2 产品质量

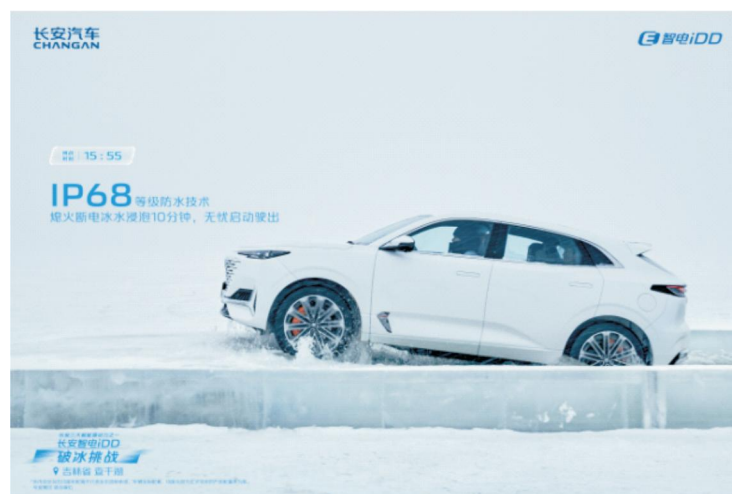
Product Quality

长安汽车按照满足用户使用 10 年 / 26 万公里目标进行产品设计，每开发一款车型，都要经过综合试验场可靠性道路试验（240万公里）、“三高”环境适应性试验（40万公里）和全国道路试验（120万公里），共计 400 万公里的严格测试，以及 60 余次碰撞性能验证试验，确保产品品质，守护每一位用户的安全。

Changan Auto carries out product design according to the user's goal of using for 10 years/260,000 kilometers. When every vehicle model is developed, it must go through the reliability road test in the comprehensive test site (2.4 million kilometers), the adaptability test in the environment of “high pollution, high energy consumption and high emission” (400,000 kilometers) and the national road test (1.2 million kilometers). We have passed rigorous tests totaling 4 million kilometers and more than 60 collision performance verification tests to ensure product quality and protect the safety of every user.

我们的产品质量已达到行业标杆水平（乘用车3个月在用期千车故障率10以内），“高质量产品提供者”品牌形象深入人心。

The quality of our products has reached the industry benchmark level (the failure rate of vehicles within three months is less than ten thousandths). Our brand image as a “Provider of High-quality Product” has been deeply rooted in customers' hearts.



4500米国内典型路面评价道路
4500m domestic typical pavement evaluation road

投资约20亿元人民币
With an investment of about 2 billion yuan

70余种特殊路面
More than 70 kinds of special pavements



正面、侧面、带角度及追尾碰撞安全性能验证
Safety performance verification of frontal, side, different angles and rear-end collision

3.3 打造世界一流汽车品牌

Committed to Build a World-Class Automobile Brand

长安汽车以“打造世界一流汽车品牌”为愿景，坚持创新引领发展，不断培育壮大新动能，优化集团品牌架构，强化集团品牌管理，助力品牌向新向上，加速打造世界级汽车品牌。

With the vision of “building a world-class auto brand”, Changan Auto adheres to lead development with innovation, constantly cultivates and expands new kinetic energy, optimizes the brand structure of the group, strengthens the brand management of the group, and promotes the brand to seek new development and pursue progress, aiming at accelerating its building into a world-class auto brand.

新能源技术推广：我们发布全新能源及电动化解决方案——原力电动技术，累计阅读量超2000万，腾讯朋友圈曝光量超8600万。原力长测直播项目成功挑战1283公里续航，被人民日报头版头条首段报道。

Promotion of new energy technology: We released a brand-new energy and electrification solution—Force electric technology, with a cumulative reading of over 20 million and an exposure of over 86 million in Tencent’s Moments. The long-term test live broadcast project of this technology successfully reached the battery life of 1,283 km, which was reported in the first paragraph of the front page of People’s Daily.

智能品牌推广：我们于第二届科技生态大会发布智能品牌——诸葛智能，累计观看约2800万人次，双卫视黄金档转播，触达525万人，并在CCTV-1《焦点访谈》、新华社、人民网等核心央媒党媒报道。

Promotion of intelligent brand: We released the smart brand “Smart Zhuge” at the Second Science and Technology Ecology Conference. The cumulative number of people watching the conference is about 28 million. We broadcast the conference in the prime time of two TV stations, and its audience can reach 5.25 million. CCTV-1 Focus Report, Xinhua News Agency, People’s Daily and other core central media and party media also reported the conference.

用户品牌推广：我们搭载第七届粉丝盛典发布用户品牌——“伙伴+”，对外传递关怀、责任、进取三大核心理念。活动直播播放量总计2468万+人次，新华社等党政媒体核心报道，阅读量全网累计8883万+。

User brand promotion: We released the user brand——“Partner+” at the seventh fan festival, conveying the three core concepts of “care, responsibility and enterprising”. The number of live broadcasts of the event totaled 24.68 million+. Xinhua News Agency and other party, government and media also made core reports on this activity, with a total reading volume of 88.83 million+.

智能科技跨圈推广：我们冠名B站《三体》动画，强化品牌年轻化、智能化、电动化标签，赋能深蓝品牌，表明了长安选择与新一代青年消费群体共创文化符号、共享科技魅力的决心与诚意。《三体》动画播放量4亿+，社交传播阵地总曝光量26.3亿。

Cross-circle promotion of intelligent technology: We named the animation “The Three Body Problem” on bilibili to strengthen the brand label of youth, intelligence and electrification, and empower the DEEPAL brand, which shows Changan Auto’s determination and sincerity to create cultural symbols and share the charm of science and technology with a new generation of young consumers. The animation “The Three Body Problem” has a broadcast volume of 400 million+, and the total exposure of social communication positions has reached 2.63 billion.



冠名《三体》动画

Changan Auto named the animation “The Three Body Problem”

3.4 160周年活动 Activities for the 160th Anniversary

20亿+ 次曝光

2 billion+
media exposures

6423万 次用户互动

64.23 million
user interactions

1

个长安数字博物馆
Changan Digital Museum

个企业纪录片
corporate documentary

场科技成果展活动

exhibition of scientific and
technological achievements

2022年是长安160周年，我们于160周年之际，对外联合新华社拍摄制作纪录片《何以长安》，累计曝光量1.87亿。

2022 is the 160th anniversary of the establishment of China Changan Automobile Group. On the occasion of the 160th anniversary, we jointly produced the documentary "About Chang'an" with Xinhua News Agency, with a cumulative exposure of 187 million.

我们携手中国邮政、五芳斋等28家老字号品牌跨界联动，打造“百年朋友圈”，阅读量3815万+，互动量1400万+。

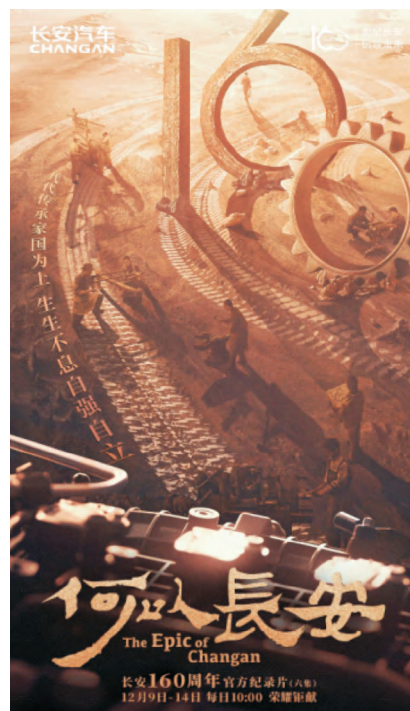
We joined hands with 28 time-honored brands such as China Post and WU FANG ZHAI for cross-border linkage, creating a "century-old Changan friend circle", with a reading volume of 38.15 million+ and an interaction volume of 14 million+.

我们打造长安汽车数字博物馆，用大量高清图、文、视频进行展示，阅读量4750万+。

We built the Chang'an Automobile Digital Museum, which was displayed with a large number of high-definition pictures, texts and videos, with a reading volume of 47.5 million+.

我们举办全球华人大学生数据应用创新赛、粉丝盛典等系列活动，6423万次用户互动，累计传播影响20亿人次，彰显了百年长安厚重的历史和文化底蕴，以及科技时尚、活力进取的品牌内涵。

We held a series of activities, such as the Global Chinese College Students' Data Application Innovation Competition and the Fan Festival, in which 64.23 million users participated in the interaction, which spread and influenced 2 billion people, highlighting the rich historical and cultural heritage of Chang'an for more than a hundred years, as well as the brand connotation of scientific fashion and vitality.



04

客户为尊 伙伴同行

Customer-centric,
Partner-based

诚信服务五大承诺

Five Commitments of Honest Service

服务体验

Service and Customer Experience

全新用户品牌 “伙伴+”

Brand New User Brand “Partner+”



4.1 诚信服务五大承诺

Five Commitments of Honest Service

长安汽车坚持把客户的利益放在首位，树立深入骨髓的客户意识，以客户为中心，倾听客户心声，精准洞察并快速响应客户需求，构建共创、共赢的伙伴关系。

Changan Auto always puts the interests of customers first, implements the enterprise consciousness of customers, always takes customers as the center, listens to customers' voices, gives accurate insight and responds to customers' needs quickly, in order to build a co-creation and win-win partnership.

长安汽车诚信服务五大承诺再升级，**更透明**--费用透明、拒绝捆绑；**更快捷**--交付快捷、维保快捷；**更专业**--人员专业、一次修好；**更安心**--放心备件、快速救援；**更暖心**--主动服务、愉悦体验。

Changan Auto upgraded "Five Commitments of Honest Service": more transparent-transparent fees, refusing to bundle consumption; faster-fast delivery and faster maintenance; more professional-professional personnel, one-time repair; more secure-secure spare parts and quick rescue; more heart-warming-active service to bring customers a pleasant experience.

长安汽车基于“安心”核心体验，推出智慧服务功能，全年为用户提供 **5581.3** 万次主动服务，并在多次重大事故中第一时间主动介入，为用户安全保驾护航。

Based on the core service concept of "secure", Changan Auto launched the intelligent service function, providing users with 55,813 million active services throughout the year, and actively participating in the rescue for the first time in many major accidents to protect users' safety.



买卖用修服，全生命周期，长安都在

Throughout the product life cycle, Changan Auto will provide you with guarantee services



暖心关怀，超越客户期待。4月，天津东丽区和服务中心收到客户崔先生的手写感谢信

Warm-hearted care, beyond customers' expectations. In April, Tianjin Dongli Branch and Service Center of Changan Auto received a handwritten letter of thanks from customer Mr. Cui

4.2 服务体验

Service and Customer Experience

长安汽车通过“95热线”、官网在线、官方APP等27个直达客户的沟通渠道，为客户提供全天候24小时亲情服务，做到客户有反映，立即有回应。

Changan Auto provides customers with 24-hour service through 27 direct customer communication channels, such as “95 Hotline”, official website and official APP, which truly ensures that as long as customers respond, we will respond immediately.

公司建成汽车行业首个大规模、多部门协同服务的专家团队，44个部门1499人累计与客户直连沟通87万+次，处理客户问题20万+个。

The company has built the first large-scale, multi-sector collaborative service expert team in the automobile industry. 1,499 employees in 44 departments have communicated with customers directly for 870,000+times and handled 200,000+problems for customers.

公司开展“春风行动”，在3千多家经销商全面导入待客之礼；开展“暴风行动”，标准流程贯标培训190场，覆盖10万余人次；开展“明亮行动”，提升终端服务环境，全面提升客户满意度。

The company launched the “Spring Breeze Action”, which introduced hospitality to more than 3,000 dealers; carried out “Storm Action”, and held 190 trainings on standard process implementation, covering more than 100,000 person-times; carried out the “Bright Action” to improve the terminal service environment and improve customer satisfaction in an all-round way.

J.D.Power 2022 年中国汽车行业销售满意度研究（SSI），长安汽车客户服务满意度连续5年上升，获得自主品牌第2殊荣。

According to the “Study on Sales Satisfaction of China Automobile Industry in 2022” published by J.D.Power, Changan Auto’s customer service satisfaction has increased for five consecutive years, and it won the second place among self-owned brands.



4.2 服务体验

Service and Customer Experience

公司开展体验官线上线下客户体验活动共61场次，累计18342人次参与，提供高价值建议1万余条，建立体验官参与产品体验流程及标准，开展造型设计访谈等产品体验活动，实现产品端用户敏捷共创模式。

The company conducted 61 online and offline customer experience activities for experience officers, with a total of 18,342 participants, and participants provided more than 10,000 high-value suggestions. We have established the process and standards for experience officers to participate in product experience, carried out product experience activities such as modeling design interviews, and realized the agile co-creation mode of users at the product end.

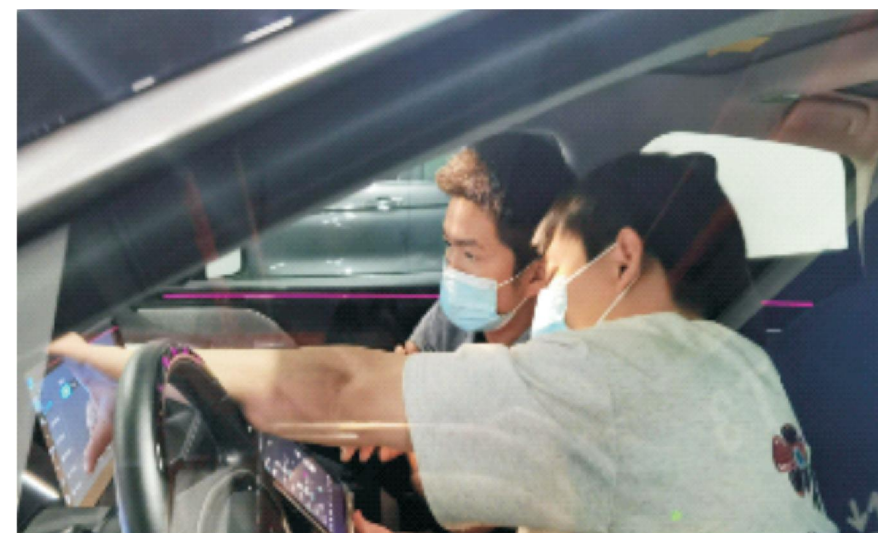
在客户意识提升月，我们开展用车百科大讲堂442场，上门服务180次，进行车辆检测、特色服务等暖心关怀9413人次。

In the month of customer awareness enhancement, we held 442 lecture halls on car encyclopedia, provided 180 door-to-door services, and provided 9413 warm-hearted care such as vehicle inspection and special services.



“银发族”设计机会洞察访谈

Interview with “Silver Generation” on design opportunity insight



车机UI/UE测试体验

UI/UE test experience of in-vehicle entertainment system



客户意识提升月暖心服务

Warm-hearted service in the month of improving customer awareness



NVH体验提升专项座谈

Special discussion on NVH experience improvement



车机流畅性体验测试

Fluency experience test of in-vehicle entertainment system



创意工坊用户座谈

User discussion in creative workshop

4.3 全新用户品牌“伙伴+” Brand New User Brand “Partner+”

我们开展第七届粉丝盛典活动，七年来，邀请用户“回家”，已成为长安汽车践行“以客户为中心”品牌理念的重要举措。

We launched the seventh fan festival. We have held a fan festival for seven years, which has become an important measure for Changan Auto to practice the brand concept of “customer-centric”.

发布全新用户品牌“伙伴+”。寓意着进一步连接你和我、长安和大家。

We released a brand-new user brand “Partner+”, which means to further connect you and me, Changan and partners.

开展三DAY一公益系列活动，挖掘用户服务故事，持续打造高质量服务提供者品牌形象。

We launched a series of three-day public welfare activities, aiming at discovering more stories about serving users and continuously building the brand image of high-quality service provider.

搭建KOC培养体系，粉丝量1005万，建立客户自媒体传播矩阵，实现正向口碑传播11.8亿。

We set up a KOC culture system, with 10.05 million fans. We also established a customer media communication matrix, and achieved positive word-of-mouth communication of 1.18 billion.



用户品牌“伙伴+”
User Brand “Partner+”



粉丝盛典“闪耀每一个你”
Fan Festival “Shine For You”



05

包容关爱 共同成长

Inclusive, Caring
and Growing

员工关爱与成长
Employee Care & Growth

员工文化生活
Cultural Life of Employees

供应链健康发展
Healthy Development of Supply Chain

履行社会责任
Fulfilling of Social Responsibility



2023长安汽车重庆马拉松

5.1 员工关爱与成长

Employee Care & Growth

5.1.1 员工就业

Employment

长安汽车全面落实“六稳”“六保”要求，2022年新增各类就业5500余人，其中，招聘应届大学生1819人。

Changan Auto has fully implemented the requirements of “six-stability” and “six-guarantee”. More than 5,500 new employment were created in 2022, including the recruitment of 1,819 fresh college students.



目前，长安汽车及子公司从业人员总数42984人，公司严格遵守《劳动法》和《劳动合同法》，建立了完善的招聘与录用机制，规范执行劳动用工制度，与员工通过平等协商签订劳动合同，实行同工同酬，劳动合同签订率达到100%。严禁和抵制任何形式的雇佣童工，杜绝强制劳动和歧视现象。

At present, the total number of employees of Changan Auto and its subsidiaries is 42984. We strictly abide by the Labor Law and the Labor Contract Law, have established a perfect recruitment and hiring mechanism, standardize the implementation of the labor employment system, sign labor contracts with employees through equal consultation, implement equal pay for equal work, and the labor contract signing rate reaches 100%. We strictly prohibit and resist any form of child labor and eliminate forced labor and discrimination.

据估算，长安汽车带动了产业上下游约120万人就业。

It is estimated that Changan Auto has provided about 1.2 million jobs in the upstream and downstream industries.

长安汽车2022年保障员工权益数据

Data of Changan Auto in Protection of Employees' Rights and Interests in 2022

指标 Index	单位 Unit	实际情况 Situation	备注 Remarks
员工总人数 Total number of employees	人 Nos	42984	
新增就业 Number of new employees	人次 Nos	5506	
劳动合同签订率 Labor contract signing rate	%	100	
社会保险覆盖率 Social insurance coverage rate	%	100	
人均带薪休假天数 The number of paid leave daysper capita	天 Day	5	按职工实际带薪休假天数计算 Calculation based on the actual number of paid leave days of employees

5.1.2 员工关爱

Employee Care

长安汽车建立了全面的薪酬福利体系，构建员工收入与公司业绩、个人业绩及能力相匹配的薪酬管理机制；同时，通过上市公司股权激励等，将核心骨干利益与公司中长期经营紧密绑定。

Changan Auto has established a comprehensive salary and benefits system, and built a salary management mechanism that matches employees income with the company's performance, their personal performance and abilities. At the same time, through equity incentives for listed companies, interests of core staff are closely linked to the company's medium and long-term operations.

健康关怀。我们坚持以人为本，积极践行“双关心”。为员工提供健康管理如年度体检；提供EAP心理关怀服务，如打造4个员工关爱中心，开展心理咨询400人次；开展喜闻乐见的心态类课程及活动28场，覆盖2000余人。

Health Care We insist on putting people first and actively practice “dual concerns”. We provide employees with health management, such as annual physical examinations; provide EAP psychological care services, such as building four employee care centres, conducting psychological counselling for 400 person-times; and organize 28 mental health classes and events, covering more than 2,000 people.

节日慰问。每年春节、中秋节、员工生日等，公司都会为员工提供节庆福利，此外，还为员工提供弹性工作时间和充足的带薪假期，让员工更好地应对工作之外的一切。

Holiday Bonus On every festivals like Spring Festival and Mid-Autumn Festival, and employee's birthday, we will give our employees special bonus. Besides, we provide our employees with flexible working hours and sufficient paid holidays to help employees better cope with everything outside of work.

深化“五送（冬送温暖、夏送清凉、节送慰问、难送帮扶、病送关怀）”品牌活动，全年慰问员工19.66万人次，职工群众获得感、幸福感、安全感不断提高。

We have deepened the “Five Deliveries (delivering warmth in winter, coolness in summer, greetings on festivals, assistance in difficulties, and care when sick)” brand activities, and extended our regards to employees a total of 196,600 times throughout the year. As a result, employees have experienced a constant increase in sense of gain, happiness, and security.



EAP心理咨询工作室
EAP Psychological Counselling Studio



5.1.3 员工发展

Professional Development

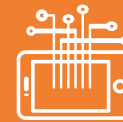


优化职业发展通道

Optimize professional development channels

长安汽车从评聘逻辑、职位体系、任职资格标准等方面对任职资格体系全面优化。构建“评能力”“聘职位”“升职级”员工成长“三分开”任职资格体系，有效推动员工入职后的“再培养”、“再提升”，进一步提升员工社会价值。

The post qualification system in Changan Auto is optimized in terms of evaluation logic, position system, and qualification standards. The system, in the framework of “three-separation”, consist of ability evaluation, position appointment and level promotion, effectively promotes the “retraining” and “further development” of employees after they join the company, and further enhances their social value.



促进科技、技能人才发展

Promote development of skilled talents

2022年培育全国技术能手2人，重庆英才计划8人，集团公司级科技创新团队6人，重庆市技能大师3人，培育并获批省部级技能大师工作室2个。开展技术攻关474项，高精尖人才培养11778人次。

In 2022, we cultivated and developed 2 national technical experts, 8 Chongqing talents, 6 group company-level science and technology innovation teams, 3 Chongqing skill masters, and 2 provincial and ministerial-level skill master workshops are cultivated and approved. The company has carried out 474 technical research projects and trained highly skilled professionals for 11,778 person-times.



转型人才储备

Talent Reserve for Transformation

基于战略转型需要，公司加大在新动力、新汽车开发等战略领域人才储备，完成了战略人才转型储备培养802人。内部面向全员开展通用能力、新技术等多个领域大讲堂24期，参与6200余人次。

Based on the strategic transformation needs, the company has increased its talent reserves in strategic areas such as new energy and new car development, and has completed the training of 802 strategic talent reserves. We have conducted 24 sessions of general skills and new technology lectures for all employees, with more than 6,200 participants.



5.1.4 技能人才培养

Cultivation of Skilled Talents

长安汽车坚持“技高行天下，能强走世界”理念，分层分级开展技能竞赛，通过培养“高精尖”人才，促进人才选拔，丰富和构建内部转型人才库。

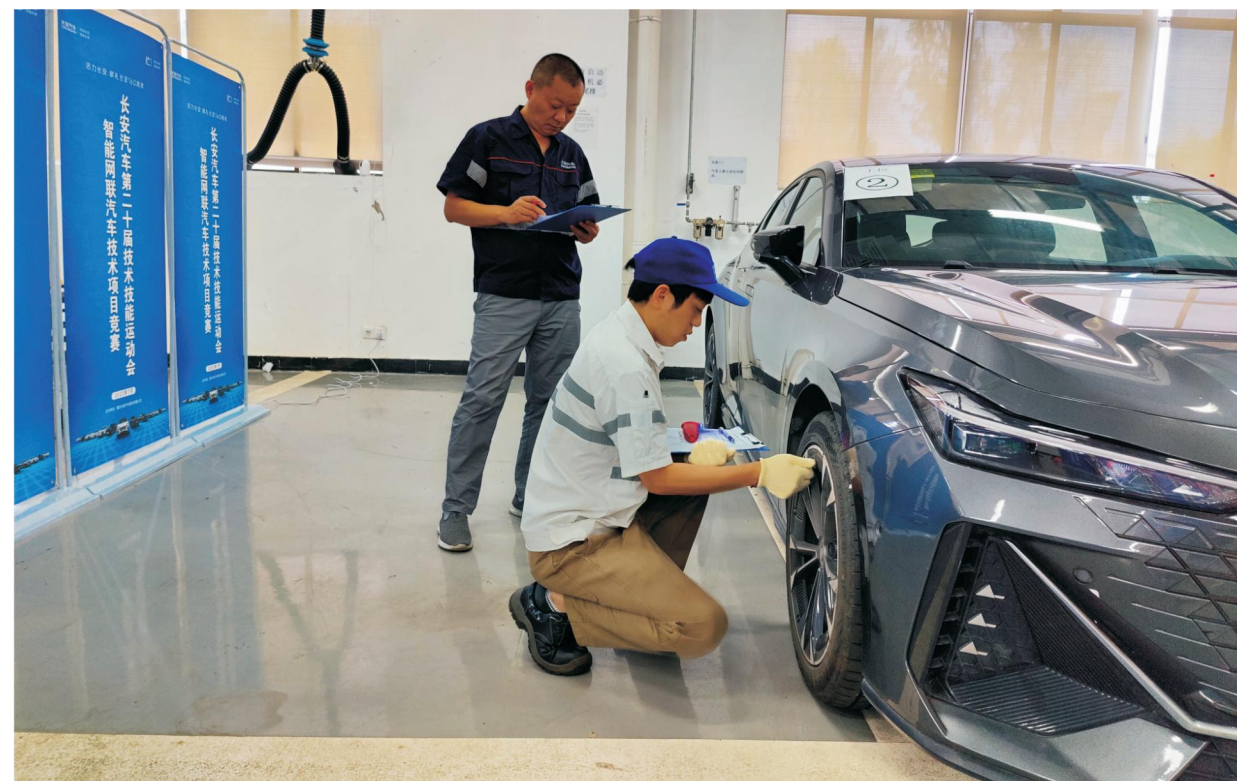
Changan Auto adheres to the philosophy of “Ability and skill enable us to excel”. The company has conducted skills competitions at different levels to promote talent selection and enrich and build the internal transformation talent pool by cultivating “highly skilled and outstanding” professionals.

2022年，公司在全国各等级大赛中，获奖11人次。

In 2022, the company won 11 awards in national competitions of various levels.

公司举办第二十届技术技能运动会，围绕智能网联、软件能力、新能源等关键能力实施9大项目，决出一等奖15名，重点选拔培养新能力转型项目200人。

The company held the 20th Technical Skill Games, with 9 projects focusing on key competencies such as intelligent network connection, software capability and new energy. 15 first prizes were awarded, and 200 people were selected and trained for new capabilities transformation projects.



5.1.5 保障员工健康

Safeguard Employees Health

长安汽车在职业监护，保障员工健康方面，保持急性工业中毒事故连续“零”发生，完成职业病危害因素2841个点位检测；组织5822名职业病危害岗位接害员工周期性职业健康检查，覆盖率100%。

In terms of occupational health and safety, Changan Auto maintained zero occurrence of acute industrial poisoning accidents and completed testing of 2,841 occupational hazard points. The company also organized periodic occupational health check-ups for 5,822 employees working in hazardous positions, achieving a coverage rate of 100%.

公司全年投入安全生产费用5373万元，其中投入1510万元为员工配备和发放劳动防护用品，切实保障员工身体健康。

The company invested a total of 53.73 million yuan in safety production expenses throughout the year, including 15.1 million yuan for providing and distributing labor protection equipment to effectively ensure the physical health of employees.

指标 Index	2020年	2021年	2022年
安全生产费用投入（万元） Safety production cost investment (RMB ten thousand)	5230	4469	5373
劳动保护经费投入（万元） Investment in labor protection (RMB ten thousand)	1982	1827	1510
安全培训人数（人次） Number of safety training (person-times)	167411	304316	235268
工作场所职业病危害因素检测率 Detection rate of occupational disease hazard factors in workplaces	100%	100%	100%
职工健康体检覆盖率 Employee health examination coverage rate	100%	100%	100%



5.2 员工文化生活

Cultural Life of Employees

我们联合共青团重庆市委员会以及渝内各友好单位，开展6场单身青年交友联谊活动，成功牵手29对，配对成功率达22%，同比提升60%，解决青年婚恋难题。

We continued to organize 6 single youth dating events in collaboration with the Chongqing Municipal Committee of the Communist Youth League and friendly units within Chongqing, successfully matching 29 couples with a success rate of 22%, a 60% increase compared to the previous year, effectively solving the problem of youth marriage and dating difficulties.

我们围绕传统佳节开展节日活动，各级工会组织开展工会小家活动510次，参与员工5.6万余人次，极大地丰富了广大员工的业余文化生活。

We also organized festive activities around traditional festivals, and labor unions at all levels organized 510 activities for small union families, involving more than 56,000 participants, which greatly enriched the amateur cultural life of the employees.

我们举办第七届员工运动会，组织全员健身活动和全健排舞等比赛项目，6.4万余人次参与，让广大员工在运动中享受乐趣、增强体质、健全人格、锻炼意志。

We held the 7th staff sports meeting, organized all-employee fitness activities and all-healthy line dance and other competition items, with more than 64,000 participants, allowing the majority of employees to enjoy themselves, improve their physical fitness, cultivate their characters, and exercise their willpower through sports.



5.3 供应链健康发展

Healthy Development of Supply Chain

5.3.1 物资保供

Materials Supply Assurance

2022年，长安汽车克服“高温限电、缺芯贵电”艰难险阻，强化“抢、拉、逼”措施，争分夺秒拼抢每一份资源，最大限度保障生产交付目标达成，确保供应链健康发展。

In 2022, Changan Auto overcame various challenges, including “power restrictions during high temperatures, and shortages of chips and expensive electricity”. We took any possible measures to get resources to secure the achievement of production and delivery goals and ensure the healthy development of the supply chain.

为充分保障客户购车需求，全年累计召开合作伙伴疫情保供大会4次，点对点会议30000余场。

In order to fully protect the customer's demand for vehicles, throughout the year, we held 4 conferences with partners concerning supply assurance during pandemic and more than 30,000 point-to-point meetings.

我们成立29个物资保供小组，争取关键物资150余万件，争取电池资源9.2GWh。

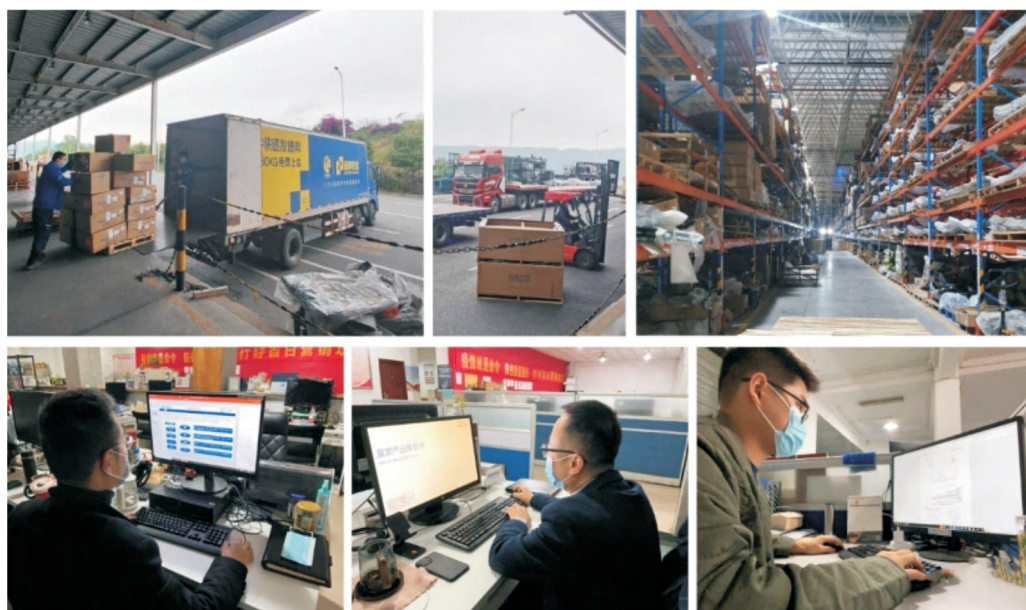
We set up 29 material supply assurance teams to secure more than 1.5 million pieces of key materials and 9.2 GWh of battery resources.

我们成立联合抢运团队，抢运紧急物资1000余车次，增加40余万辆整车生产下线，快速推进上海、重庆等地1000+家供应商复工复产工作。

We established joint emergency transportation teams and carried out over 1,000 emergency material transportation missions, which increased the production output of over 400,000 vehicles, and accelerated the resumption of work and production for 1000+ suppliers in Shanghai, Chongqing, and other areas.

我们联合地方政府推动重庆463家供应商闭环运输及闭环生产，快速办理4000多张车辆电子通行证，全力保障产业链经营稳定。

Together with the local governments, we facilitated the closed-loop transportation and production of 463 suppliers in Chongqing, and quickly processed over 4,000 electronic vehicle passes to ensure the stable operation of the entire industrial chain.



渝北工厂赴南京支援团队
Yubei Factory Support Team to Nanjing



两江工厂物流处供应链员工卢某为保芯片交付，怀抱价值百万的芯片烈日下徒步7公里

Lu, a supply chain employee in the logistics department of the Liangjiang Factory, hiked 7 km in the hot sun with chips worth millions in his arms to ensure delivery of the chips

5.3.2 齐心抗疫情

Combating the Pandemic with One Heart

长安汽车坚持科学防疫、精准防控，全年召开疫情防控会议418次，落实任务557项，动态调整防控等级10余次，全年未发生聚集性疫情传播。

During the COVID-19 pandemic, Changan Auto adhered to scientific and precise prevention and control measures. In 2022, the company held 418 meetings on pandemic prevention and control, implemented 557 tasks, and adjusted the prevention and control level more than 10 times. As a result, no cluster outbreaks occurred throughout the year.

公司全力保障员工生命健康安全，以“防感染”为核心，累计发放口罩3100余万只，开展核酸检测40万人次，发放抗原57400人份，公司员工疫苗加强针接种率超98%。

The company made every effort to ensure the health and safety of its employees, with the core focus on “preventing infection”. Over 310 million masks were distributed, and 400,000 nucleic acid tests and 57,400 antigen tests were conducted. The vaccination rate for the company’s employees receiving booster shots exceeded 98%.



我们以支撑生产经营为目标，强化疫情发生后的应急处置。2022年，长安汽车有效处置4次停工危机、17起“涉阳事件”，组织16个场所开展封闭生产，帮助400余家供应链企业复工复产，彰显国企担当。

Our emergency response measures were also strengthened to support production and operation in case of occurrence of pandemic. In 2022, Changan Auto effectively handled 4 work stoppage crises and 17 "COVID-19 positive incidents", organized 16 sites for closed-loop production. And we helped more than 400 supply chain enterprises resume work and production, showcasing the responsibility of state-owned enterprises.



长安凯程西北战区中车兰州店向抗疫逆行者捐赠生活用品
Changan Zhongche Lanzhou 4S Store donates daily necessities to the pandemic fighters

案例 / 快速推进“涉疫”“限电”供应商复工复产

Case: Quickly promote "pandemic-related" and "power-rationed" suppliers to resume work and production

背景：2022年，全国多地封控约117天，导致供应商生产停止、物流中断，物资保供面临巨大挑战。

Background: In 2022, multiple regions across the country have been in quarantine and lockdown for about 117 days, resulting in the cessation of production and interruption of logistics for suppliers, hence a huge challenge for material supply assurance.

● **应对举措：**公司积极组建保供小组，统筹八大基地STA及物流团队，向政府发函108次，协调近1000名阳性患者和密接者的安全转移，快速推进146家疫情高风险供应商复工复产。

Measures: The company actively formed a supply assurance team, coordinated eight base STA and logistics teams, sent 108 letters to the government, coordinated the safe transfer of nearly 1,000 positive patients and close contacts, and quickly promoted the resumption of work and production of 146 suppliers with high pandemic risks.

● **达成效果：**11月，在重庆2.7万余人封闭式生产、管理情况下达成11万产量。

Achievements: In November, with more than 27,000 people in closed-loop production and management in Chongqing, the production target of 110,000 was achieved.



11月重庆疫情采购中心7名同事封闭在融景城25天进行物资保供

7 colleagues from Chongqing Pandemic Procurement Centre were placed on lockdown in Rongjingcheng Residence for 25 days in November to ensure the supply of materials

背景：2022年8月，川渝地区持续高温，重庆地区停产15天，因部分供应商库存量少且恢复用电时间不一致，导致66家川渝地区供应商无物资匹配公司生产。

Background: In August 2022, the Sichuan-Chongqing region experienced sustained high temperatures, causing production to stop for 15 days in Chongqing. Due to low inventory levels among some suppliers and inconsistent power restoration times, 66 suppliers in the Sichuan-Chongqing region were unable to provide materials to match the company's production.

● **应对举措：**公司组建了16个限电复产小组，组织32家限电供应商租赁36台发电机生产，34家限电供应商错峰生产、转产，达成8月28日同步匹配开班生产。

Measures: The company formed 16 teams to handle power outage and production resumption, organized 32 power-rationed suppliers to lease 36 generators for production, and helped 34 power-rationed suppliers to avoid peak production hours and/or shift to other products. Finally, we achieved synchronized matching and resumed production on August 28.

● **达成效果：**快速推进了66家限电供应商复工复产工作，限电期间为重庆片区抢回产量1.25万辆。

Achievements: The company quickly promoted the resumption of work for 66 power-rationed suppliers and reclaimed a production volume of 12,500 vehicles for the Chongqing area during the power-rationed period.



32家限电供应商通过租赁或购买发电机都方式进行生产保供

32 power-rationed suppliers conducted production to ensure supply by leasing or purchasing generators.



5.3.3 防范经营风险

Preventing Business Risks

长安汽车把防范化解风险挑战作为贯彻党的二十大精神的重要抓手，坚持由公司党委牵头，每月对战略执行情况、经营重大事项及存在风险进行分析研判。

Changan Auto regards preventing and resolving risks and challenges as an important means to implement the spirit of the 20th National Congress of the Communist Party of China. The company's party committee takes the lead in analysing and judging the execution of strategies, major operational matters and existence of risks every month.

坚决打好疫情防控攻坚战。坚持人民至上、生命至上，公司全力应对重庆疫情，打通疫情防控、生产保供、物流发运关键环节，通过疫情保供举措，全年抢回20万辆整车，节约交付损失约200亿元。

Resolutely fight the battle against pandemic prevention and control. Putting people and their lives first, the company fully responded to the Chongqing Pandemic, and opened up key links in pandemic prevention and control, production and supply, and logistics and transportation. Through pandemic prevention and supply measures, the company recovered production of 200,000 vehicles throughout the year and saved approximately 20 billion yuan in delivery losses.

加强网络安全及风险防范。连续三年通过国家最高水平实战检验，完成“HW2022”攻防演练，构建“4+2+1”纵深防御和全天24小时监控处置机制。

Strengthen network security and risk prevention. Changan Auto completed the “HW2022” attack and defence exercise for three consecutive years through the highest level of national practical verification, and established “4+2+1” deep defence and 24-hour monitoring and disposal mechanism.

5.3.4 芯片技术替代

Chip Technology Substitution

长安汽车初步建立战略供应商分层分级标准，从激励约束、资源投入、关系管理等方面对供应商进行全面评估，增强产业链供应链稳定性。公司深刻把握汽车产业发展规律，预判、防范、化解产业链上的重大风险，着力开展强链补链行动，推进“2+2+2”策略（2家一级供应商、2家芯片供应商、2个芯片产地）。

Changan Auto has initially established a hierarchical grading standard for strategic suppliers, comprehensively evaluating suppliers in terms of incentive constraints, resource input and relationship management to enhance the stability of the industrial chain and supply chain. The company profoundly grasps the development law of automobile industry, predicts, prevents, and resolves the major risks in the industry chain, focuses on strengthening and supplementing the chain, and promotes the strategy of "2+2+2" (2 primary suppliers, 2 chip suppliers and 2 chip production locations).

我们实施技术替代、特需采购、抢拉逼等组合措施保供，共保障资源67.3万辆。

We implemented a combination of measures, such as technological substitution, special procurement, and expedited production to secure resources for 673,000 vehicles.

我们完成切换280个芯片技术替代方案，保障产能约45万辆。

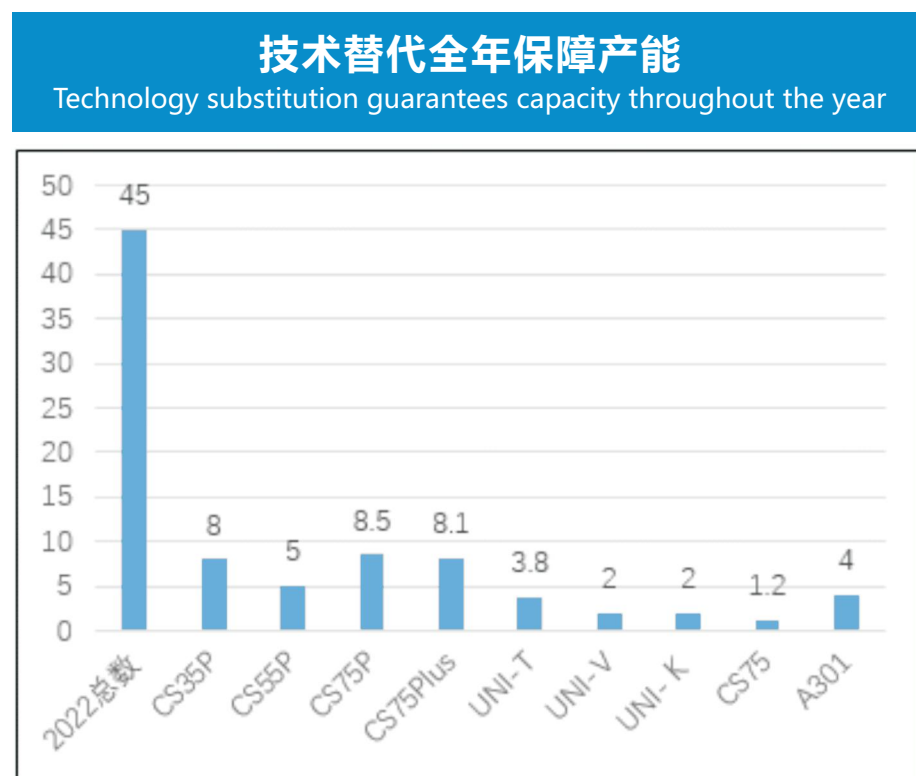
We completed 280 chip technology substitution programs, guaranteeing production capacity of about 450,000 vehicles.

全年因为缺芯导致的特需采购37个，其中特采中16个，开发中10个，终止11个，全年特采零部件总量30.44万，保障产能约12.3万辆。

There were 37 special procurements for the year due to chip shortage, of which 16 under procurement, 10 under development, 11 terminated. The total number of special procurement parts was 304,400, which ensured the production capacity of about 123,000 vehicles.

2022年，公司国产化芯片应用总量5053万颗，其中乘用车4809万颗，商用车244万颗，占T10（13家企业）总量21.1%。

In 2022, the company used 50.53 million domestic chips, including 48.09 million for passenger cars and 2.44 million for commercial vehicles, accounting for 21.1% of the all T10 (13 companies).



工业和信息化部司局简函

感谢信

重庆长安汽车股份有限公司：

为提高汽车芯片技术创新和制造能力，加快形成有机协同、互融共生的良好产业生态，切实维护汽车产业链供应链安全稳定，有力支撑汽车产业高质量发展，我司组建了汽车芯片统型工作组。贵公司作为工作组的参与单位，委派易刚、谢光、李昆山、唐洋、陈亚莉、黎克伟、史云朋、于涛、彭川、李文强、姚鹏飞、罗虎、陈东、刘海洋等同志参与了包括整车电子系统梳理、汽车芯片分级分类、汽车芯片统型选型、国产汽车芯片发展分析等大量工作，表现出良好的工作作风和优秀的工作能力，高效出色的完成了工作任务，为推动我国汽车产业高质量发展做出重要贡献。

鉴于重庆长安汽车股份有限公司的重要贡献，我司谨向贵公司表示感谢，希望将来继续支持我们的工作！

长安汽车积极参与工信部组织的芯片统型工作组，为推动我国汽车产业发展做出重要贡献

Changan Auto actively participated in the chip unification working group organized by the Ministry of Industry and Information Technology, making important contributions to promoting the development of China's automobile industry

5.4 履行社会责任

Fulfilling of Social Responsibility

5.4.1 保障股东权益

Protect the Rights and Interests of Shareholders



2022年，长安汽车全年召开股东大会5次，董事会会议19次，监事会会议5次，共审议通过104项议案。合规开展投资者交流活动超过200次，回答交易所互动平台提问共680条，回复率保持在95%以上。

In 2022, Changan Auto held 5 shareholders' meetings, 19 board of directors' meetings and 5 supervisory board meetings throughout the year, deliberating and passing a total of 104 motions. We conducted more than 200 investor communication activities in compliance and answered a total of 680 questions on the Stock Exchange's interactive platform, maintaining a response rate of over 95%.

我们成功召开2021年度业绩说明会，实时观看人数达23.2万人，创下历年新高，被证监会和中国上市公司协会评为“业绩说明会最佳实践”。

We successfully held the 2021 annual performance briefing, with a real-time audience of 232,000 people, setting a record in recent years. The event was recognized as the “Best Practice of Performance Briefings” by the China Securities Regulatory Commission and the China Listed Companies Association.

我们充分听取股东，特别是中小股东的意见和诉求，结合公司资金规划，实施现金分红比例50%，并实施转增股本，提升了股东满意度，获得资本市场一致好评。

We fully listened to the opinions and demands of shareholders, especially small and medium-sized shareholders, and combined with the company's capital planning, implemented a cash dividend ratio of 50% and a bonus share issue, which improved shareholder satisfaction and received unanimous praise from the capital market.

5.4.2 助力乡村振兴

Contribute to Rural Revitalization

长安汽车认真落实集团公司和地方政府的安排部署,有序推进云南两县、重庆酉阳定点帮扶工作,统筹拨付帮扶资金1060万元。我们以“企业携手企业,联手带动产业”方式,持续推进酉阳茶油产业帮扶项目,帮助实现茶油及茶油衍生品销售收入1.26亿元,增强乡村振兴的内生动力。

Changan Auto earnestly implements the arrangements and deployments of the group company and local governments, and orderly promotes targeted assistance in two counties in Yunnan and Youyang County of Chongqing, and allocated a total of 10.6 million yuan in assistance funds. We continued to promote the Youyang tea oil industry assistance project in the way of “enterprise cooperation to accelerate industry development”, helping to achieve a sales revenue of 126 million yuan for tea oil and its derivatives, and enhancing the endogenous driving force of rural revitalization.

加大消费帮扶。公司鼓励倡导各单位及广大员工购买帮扶地区特色农产品,实施消费帮扶237.6万元;积极响应国务院国资委号召,参与“央企消费帮扶兴农周”活动,实施消费帮扶134.23万元。

Increase Consumption Assistance. The company encouraged and advocated various units and employees to purchase characteristic agricultural products from the assisted areas, achieving consumption assistance of 2.376 million yuan; actively responded to the call of the State-owned Assets Supervision and Administration Commission, participating in the “Central Enterprise Consumption Assistance and Rural Revitalization Week” activity, and achieving consumption assistance of 1.3423 million yuan.

推进技能帮扶。公司开设“长安汽车班”8个,开展专家进校园讲座3场、社会招聘3场,共招录405人;推动运营云南泸西汽车实训基地项目,建设万友汽车泸西4S店。

Promote Skill Assistance. The company established 8 “Changan Automobile Classes”, held 3 expert lectures in schools, and conducted 3 social recruitments, recruiting a total of 405 personnel. We promoted the operation of the Yunnan Luxi Automobile Training Base Project and the construction of the Wanyou Automobile Luxi 4S Store.

我们向中国上市公司协会报送乡村振兴实践案例,荣获“上市公司乡村振兴优秀实践案例”。乡村振兴定点帮扶项目组被重庆市总工会授予“工人先锋号”荣誉称号。

We submitted the rural revitalization practice case to China Listed Companies Association and won the “Excellent Practice Case of Rural Revitalization of Listed Companies”. The project team for targeted poverty alleviation and rural revitalization was awarded the honorary title of “Workers’ Pioneer” by the Chongqing Federation of Trade Unions.



5.4.2 助力乡村振兴

Contribute to Rural Revitalization

品牌建设：我们帮助酉州油茶科技公司建立数字化营销模式，从无到有打造 #酉阳茶油健康长安# 话题总曝光量3.63亿，现象级关注度上涨57512倍；“茶油”首次出现在“酉阳”的内容关联词中；“酉阳茶油”的搜索指数同比增长243.43%。

Brand Building: We helped Youzhou Camellia Technology Co., Ltd establish a digital marketing model and created the hashtag #YuyangTeaOil&HealthyChangan# from scratch. The total exposure of the hashtag reached 363 million, and the level of attention increased by 57,512 times. “Camellia” (oil) appeared for the first time in the content-related words of “Youyang”, and the search index of “Youyang camellia oil” increased by 243.43% compared to the previous year.

公益形象，创新推广：我们借助电商风口红利、平台对公益事件的流量扶持，树立长安汽车伙伴形象和公益品牌。

Public welfare image, innovative promotion: We leveraged the popularity of e-commerce and platform support for public welfare events to establish Changan Auto's partner image and public welfare brand.



全年惠及农户5万户，近20万人，其中脱贫户5313户，18595人。

Throughout the year, we benefited 50,000 households and nearly 200,000 people, including 5,313 households and 18,595 people lifted out of poverty.



爱有新益 助力酉阳茶油可持续发展战略合作



爱有新益 助力酉阳茶油可持续发展战略合作

5.4.3 真情回馈社会

Giving Back to Society with Sincere Assistance

慰问帮扶 Consolation and Assistance

长安汽车切实推进乡村振兴、救灾帮扶、健康环保、科技教育等工作，履行共建共创美好生活的社会责任。

Changan Auto is actively promoting rural revitalization, disaster relief assistance, health and environmental protection, science and education etc., and fulfilling its social responsibility to build a better life together with the society.

我们连续12年慰问希望小学，捐赠8万元的教学物资，累计捐赠物资700万元。

For 12 years in a row, we have donated 80,000 yuan of teaching materials to Hope Primary School, and a total of 7 million yuan of materials.

我们积极支援四川泸定县抗震救灾，捐赠10辆凯程F70，与灾区人民共渡难关，彰显国企担当本色。

We actively supported earthquake relief efforts in Luding County, Sichuan Province by donating 10 Kai Cheng F70 vehicles, standing with the people of the disaster-stricken areas and demonstrating the role of state-owned enterprises.



我们携手重庆市林业局、用户伙伴、上下游产业链合作伙伴、志愿者伙伴开展缙云山“长安林”公益植树活动，推广传播绿色发展、双碳环保的责任理念。

We joined hands with Chongqing Forestry Bureau, user partners, upstream and downstream industry chain partners, and volunteer partners to carry out the "Changan Forest" public welfare tree planting activity in Jinyun Mountain to promote and spread the concept of green development, double carbon and environmental protection.

8月重庆山火，公司各单位志愿者第一时间抵达救灾前线与消防官兵一同搬运物资，扑灭山火。重庆铃耀提供相关物资和场地的协助工作。

In August, when a forest fire broke out in Chongqing, volunteers from all departments of the company arrived at the front line of the disaster to help move materials and extinguish the fire alongside fire-fighters. Chongqing Lingyao also provided assistance in terms of relevant materials and venues.



5.4.3 真情回馈社会

Giving Back to Society with Sincere Assistance

传递公益理念，弘扬志愿精神

Pass on the concept of public welfare and promote the spirit of volunteerism

马拉松比赛
Marathon



长安汽车连续多年赞助重庆国际马拉松比赛，将活力进取的企业形象与持之以恒的马拉松精神紧紧绑定
Changan Auto has sponsored the Chongqing International Marathon for many years, binding its dynamic and aggressive corporate image with the marathon spirit of perseverance

志愿服务
Volunteer Service



坚持开展雷锋月活动，携手重庆市“雷锋的士”志愿服务队走进社区街道、养老院等开展老人关怀活动
Carrying out the Lei Feng Month activities persistently, working together with Chongqing's "Lei Feng Taxi" volunteer service team to provide care for the elderly in communities, nursing homes, and other places.

公益捐助
Public Welfare Donation



坚持开展公益捐助工作长安汽车向重庆市慈善总会捐1000万元定向用于森林火灾灾后生态重建。
Carrying out public welfare donations persistently, Changan Auto donates 10 million yuan to the Chongqing Charity Federation for post-fire ecological reconstruction.

科技教育
Science and Technology Education



邀请社会大众、高校和中小學生、记者等走进长安汽车，充分利用中国兵器爱国主义教育基地资源，对外接待共计195场、2500余人次。
Invite the public, students from universities, primary and secondary schools, journalists, etc. into Changan Auto, make full use of the resources of China Arms Patriotic Education Base, which received a total of 195 external receptions and more than 2,500 people.



06

绿色低碳环保

Green, Low-Carbon
and Environmental
Protection

绿色低碳

Green and Low-Carbon

绿色生产

Green Production

环境保护

Environmental Protection

安全环保

Safety & Environment





长安汽车坚持走生态优先、绿色低碳的高质量发展道路，切实推进绿色制造降碳措施。联合产业链伙伴，共同布局氢能、充电、换电、电池回收等产业；未来新工厂将全面采用光伏发电，并逐步改造现有工厂，到2025年单车制造碳排放强度下降30%。加大技术创新，公司实施新能源“香格里拉”计划，发布“**智电iDD**”“**原力电动**”等新能源技术品牌标签，推进新能源汽车向绿色化发展。同时，长安汽车将碳达峰碳中和理念灌注在乡村振兴工作中。

Changan Auto adheres to the high-quality development path of ecological priority and green low-carbon, and effectively promotes green manufacturing and carbon reduction measures. The company has joined hands with industry chain partners to collaborate on the development of hydrogen energy, charging, battery swapping, and battery recycling industries. Our future new factories will be fully equipped with photovoltaic power generation and we will gradually transform existing factories. By 2025, we aim to reduce the carbon emission intensity of single vehicle manufacturing by 30%. The company increased technological innovation and implemented the new energy “Shangri-La” plan, launched new energy technology brands such as “iDD” and “Force Electric” to promote the development of green energy vehicles. At the same time, we incorporated the concept of carbon emissions peak and carbon neutrality into our work on rural revitalization.

未来5年，我们将助力重庆酉阳建设50万亩油茶基地，改造低效林10万亩，切实将“绿水青山”的生态优势转化为“金山银山”的经济优势。

In the next five years, we will help Chongqing Youyang build 500,000 mu of camellia base and transform 100,000 mu of inefficient forests, effectively transforming the ecological advantage of "green water and green mountains" into the economic advantage of "golden mountains and silver mountains".

6.1 绿色低碳 Green and Low Carbon

为响应国家“3060”双碳战略，公司已成立碳达峰碳中和联合项目组，由董事长担任领导小组组长。我们在实现碳达峰、碳中和方面有着鲜明目标：2027年实现碳达峰，2045年实现碳中和。2022年，长安汽车自主品牌单车制造碳排放水平同比降低5.1%。

In response to the national "3060" dual carbon strategy, the company has set up a joint project team of carbon emissions peak and carbon neutrality, with the chairman of the board as the leader of the team. We have a clear goal to achieve carbon emissions peak and carbon neutrality: To achieve carbon emissions peak by 2027 and carbon neutrality by 2045. In 2022, the carbon emission level of Changan Auto's single vehicle manufacturing of its own brand will be reduced by 5.1% year-on-year.

公司立足时代需求、彰显企业担当，大力推进双碳工作，实现碳达峰战略，荣获国资委**2022年度碳达峰碳中和行动典型案例评选三等奖**。

The company, based on the needs of the times and showing its corporate responsibility, has vigorously promoted the dual carbon efforts to achieve the carbon emissions peak strategy, and won the third prize in the selection of typical cases of carbon emissions peak and carbon neutrality actions by SASAC in 2022.

双碳推进举措 Measures

公司全面推进光伏电站建设，提升绿色能源占比，合肥、河北、南京三大基地已建成光伏装机42.4MW；自发自用绿色清洁能源，全年共计消纳绿色电力3776万度，实现降碳3.2万吨。

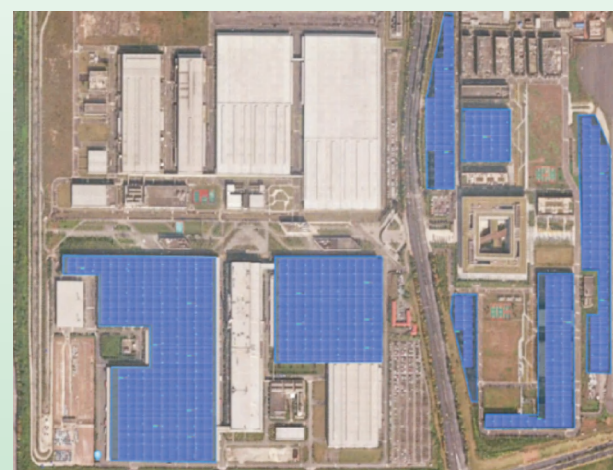
The company comprehensively promotes the construction of photovoltaic power stations to increase the proportion of green energy. Photovoltaic installations with a total capacity of 42.4MW have been completed in the three major bases of Hefei, Hebei, and Nanjing. The company has consumed a total of 37.76 million kWh of green electricity throughout the year, achieving a reduction of 32,000 tons of carbon emissions by using self-generated green and clean energy.

公司围绕“能效优化、工艺优化、排产优化、精益启停、质量提升”五大维度全面推进自主品牌生产基地节能降碳工作，实现降碳量2.1万吨。

The company comprehensively promoted energy saving and carbon reduction in its own brand production bases in five dimensions: energy efficiency optimization, process optimization, production scheduling optimization, lean start/stop and quality improvement, achieving a reduction of 21,000 tons of carbon emissions.

公司积极参与绿电市场交易，进一步扩大绿色能源使用占比，降低企业碳排放。

The company actively participates in green electricity market transactions to further increase the proportion of green energy use and reduce corporate carbon emissions.



分布式光伏发电
Distributed photovoltaic power generation

每年产生绿色电力
Green power generation per year

80000MWh

每年降低碳排放
Carbon emissions reduction per year

70000tCO₂e



空压机系统节能改造
Energy-saving renovation of air compressor system

每年节约用电
Annual electricity savings

1360MWh

每年降低碳排放
Carbon emissions reduction per year

1226tCO₂e

6.2 绿色生产

Green Production

长安汽车以打造绿色汽车制造标杆工厂为目标，围绕低碳制造、循环经济、绿色排放三大抓手，通过能源结构调整、低碳工艺设计、能源智能调配、固体废弃物循环利用、废水循环利用、工业污染物排放管控等关键路径，提升绿色制造体系的有效性，实现制造全过程高效化、节能化、环保化，建立全球一体化绿色制造管理体系，达到行业先进水平。

Changan Auto aims to build a benchmark factory for green automobile manufacturing, focusing on three main aspects of low-carbon manufacturing, circular economy, and green emissions. Through key measures such as energy structure adjustment, low-carbon process design, intelligent energy distribution, solid waste recycling, wastewater recycling, and industrial pollution control, Changan Auto aims to improve the effectiveness of the green manufacturing system, achieve high efficiency, energy saving, and environmental protection throughout the manufacturing process, and establish a globally integrated green manufacturing management system, reaching an advanced level in the industry.



6.2.1 绿色制造

Green Manufacturing

2022年，公司共计涉及建设项目环评批复文件六份。各基地共涉及排污许可文件36份，其中，重新申请5份，变更23份，延续8份。

In 2022, the company was involved in a total of six environmental impact assessment approval documents for construction projects. The bases were involved in 36 pollutant discharge permit documents, including 5 reapplications, 23 changes, and 8 extensions.

2022年，公司产生一般工业固体废物157393吨，委托利用或处置157393吨；产生危险废物24777吨，委托利用或处置24776吨，均对委托利用或处置的第三方进行了主体资格和技术能力核实。

In 2022, the company generated 157,393 tons of general industrial solid waste, all of which was entrusted for utilization or disposal; 24,777 tons of hazardous, 24,776 tons of which were entrusted for utilization or disposal. The qualifications and technical capabilities of the third parties entrusted for utilization or disposal were verified.

2022年，公司共有大气污染物排放口606个，水污染物排放口26个。

In 2022, the company had 606 air pollutant emission outlets and 26 water pollutant emission outlets.

公司各项污染物均达标排放，无超标超总量排放情况。

All the pollutants of the company are in compliance with the emission standards, and there is no over-standard and over-quota emission.

主要污染物排污许可核定及实际排放总量如下：

The permitted and actual total emissions of major pollutants are as follows:

污染物种类 Types of Pollutants	COD	氨氮 Ammonia Nitrogen	总镍 Total Nickel	总锌 Total Zinc	磷酸盐 Phosphate	二氧化硫 Sulfur Dioxide	氮氧化物 Nitrogen Oxides Particulate Matter	颗粒物 Volatile Organic	挥发性有机物 Compounds
年许可排放量限值（t/a） Permitted annual emission limits (t/a)	869.83	76.06	0.69	5.95	7.56	206.4	246.58	1197.79	4271.06
2022年实际排放量（t/a） Actual annual emission in 2022 (t/a)	162.65	6.77	0.08	0.15	0.5	17.84	99.1	116.29	521.52



6.2.1 绿色制造

Green Manufacturing

能源使用比例

Proportion of Energy Use

2022年，长安汽车用能结构发生变化，取消热力的使用。用电占比同比上升2.5%，用天然气占比同比下降2.54%。

In 2022, the energy mix of Changan Auto changed, with the use of heat being eliminated. The proportion of electricity consumption increased by 2.5% year-on-year, while the proportion of natural gas consumption decreased by 2.54% year-on-year.

能源结构及占比如下：

The energy mix and share are as follows:

2021年		2022年	
天然气 Gas	41.06%	天然气 Gas	38.52%
汽油 Gasoline	5.39%	汽油 Gasoline	5.70%
煤油 Kerosene	0.00%	煤油 Kerosene	0.00%
柴油 Diesel	1.58%	柴油 Diesel	1.46%
热力 Heat	0.25%	热力 Heat	0.00%
电力 Electricity	49.17%	电力 Electricity	51.67%
其它能源 Other energy sources	2.55%	其它能源 Other energy sources	2.64%



6.2.2 绿色供应链

Green Supply Chain

自主可控 · 安全可靠 · 协同共赢 Autonomous and Controllable – Safe and Reliable – Win-win Collaboration

长安汽车积极发挥行业辐射力，构建相互信任、共担责任、共享利益的合作关系，打造开放合作、互利共赢、可持续发展的新生态。我们坚持合规、透明、互信、赋能合作，与合作伙伴共同推进绿色供应链变革。

Changan Auto actively leverages its industry influence to build cooperative relationships based on mutual trust, shared responsibility and benefits, creating a new ecology of open cooperation, mutual benefit, and sustainable development. We adhere to compliance, transparency, mutual trust, and empowering cooperation to promote green supply chain reform together with our partners.

阳光采购

Sunshine Procurement

我们遵循“公平、公正、公开”原则，坚持阳光、透明、廉洁采购，要求供应商签订《廉洁承诺书》等合规采购制度，明确双方在反腐倡廉、知识产权保护、商业秘密等方面的义务及责任。我们制定《供应商黑名单管理程序》，违反相关制度的供应商将被纳入黑名单。

We follow the principle of "fairness, impartiality and openness", adhere to a sunny, transparent, and clean procurement process, and require suppliers to sign the "Integrity Commitment Letter" and other compliance procurement systems to clarify the obligations and responsibilities of both parties in the areas of anti-corruption, intellectual property protection and commercial secrets. We formulated the "Supplier Blacklist Management Procedures", and suppliers who violate regulations will be blacklisted.

完善供应链管理

Improve Supply Chain Management

我们不断完善可持续发展供应链管理体系，建立从供应商寻源、准入认证、供应商定点定价、绩效评价各环节的管理流程，严格遵守《供应商认证管理》、《生产性采购零部件定价定点管理》等管理程序，合作供应商实施定期审查、动态管理。

We continuously improve our sustainable development supply chain management system, establishing management processes for each link from supplier sourcing, admission certification, supplier pricing and point-to-point management, to performance evaluation. We strictly comply with management procedures such as Supplier Certification Management and Production Purchasing Component Pricing and Point-to-Point Management. We conduct regular reviews and dynamic management of our cooperative suppliers.

供应商认证

Supplier Certification

我们要求供应商准入认证取得IATF16949、ISO14001，综合考虑供应商的TQCD、供应连续性、商业道德记录、碳达峰碳中和承诺等相关要求。

We require suppliers to obtain IATF16949 and ISO14001 certifications, taking into account the supplier's TQCD, supply continuity, business ethics records, carbon emissions peak and carbon neutrality commitments, and other relevant requirements.

我们致力于打造绿色供应链，明确要求所有供应商遵守国家 and 地方环境保护法，鼓励供应商采取节能减排的生产方式，优先采购具备可回收性、低污染性、低排放性的绿色环保材料。

We are committed to building a green supply chain, clearly requiring all suppliers to comply with national and local environmental protection laws and encouraging them to adopt energy-saving and emission-reducing production methods. We prioritize the purchase of green and environmentally friendly materials that are recyclable, low-polluting, and low-emission.



6.2.2 绿色供应链
Green Supply Chain

供应商审查及战略供应商管理 Supplier Review and Strategic Supplier Management

长安汽车定期开展供应商体系审核、过程审核、产品审核及供应商QCA绩效管理、绿色供应链等能力提升培训，带动供应链上供应商共同开展环境绩效的改善工作等，持续提高产品的可靠性，减少供应商履约风险。

Changan Auto regularly conducts supplier system review, process review and product review, and carries out capability improvement trainings for supplier QCA performance management and green supply chain etc., driving suppliers on the supply chain to jointly carry out environmental performance improvement and continuously improve product reliability while reducing supplier performance risk.

我们依据《供应商绩效评价管理》，从项目、技术、质量、商务、交付、服务维度对供应商进行审核评价，通过对品类-供应商组合在战略潜力和绩效表现维度的评估，对供应商开展分级管理，对战略型品类开展战略供应商管理。

We evaluate and assess suppliers in terms of project, technology, quality, business, delivery, and service based on the “Supplier Performance Evaluation Management” guidelines, and through evaluating the category-supplier portfolio in terms of strategic potential and performance dimensions, we implement a tiered management system for suppliers and strategic supplier management for strategic product categories.

积极推进供应商履行社会责任，倡导绿色采购理念，采购零部件以及化学品等原材料均符合长安《环境、职业健康安全体系文件》等管理要求。

We actively promote suppliers to fulfil their social responsibilities and advocate the concept of green procurement. We require purchased parts and raw materials, including chemicals, to comply with Changan's management requirements such as the Environmental and Occupational Health and Safety System.

重点开展189家供应商环境自查，调研63家重点排放二级供应商进行环评证书、排污许可证等，规避供应商环保风险。

We conducted environmental self-assessments for 189 suppliers and research on the environmental impact assessment certificates and discharge permits of 63 key emitters of secondary suppliers to avoid environmental risks from suppliers.

管理情况 Management Status	2020年	2021年	2022年
经济合同履约率（%） Economic contract performance rate (%)	100	100	100
低风险供应商占比 Percentage of low-risk suppliers	94%	95%	97%
通过IATF 16949供应商占比 Percentage of suppliers tally with IATF 16949	95%	96%	98%
通过ISO14001供应商占比 Percentage of suppliers tally with ISO14001	70%	91%	92%
供应商培训次数（次） Number of supplier training (times)	4	5	8
供应商培训人次 Number of supplier training (person-times)	741	1725	1667



6.2.3 油茶碳汇

Camellia Carbon Sink

长安汽车积极响应绿色发展战略，成为首家主导开展碳汇方法学研究的汽车企业。

Changan Auto actively responds to the green development strategy and becomes the first automobile company to lead the research of carbon sink methodology.

2022年6月，公司组织项目组前往酉阳进行油茶生态考察，并立即联系国家生态环境部、重庆市生态环境局进行交流，确定了由长安汽车推动在重庆开展油茶碳汇方法学相关工作。

In June 2022, the company organized a project team to Youyang to conduct ecological survey of camellia and immediately contacted and communicated with the Ministry of Ecology and Environment of China and Chongqing Ecological Environment Bureau, and determined that Changan Auto would promote camellia carbon sink methodology in Chongqing.

油茶碳汇方法学确立后，在推广生态固碳的同时，还将为公司的定点帮扶企业酉州油茶科技公司带来额外的碳汇交易收益。

After the establishment of camellia carbon sink methodology, it will not only promote ecological carbon sequestration, but also bring additional carbon trading revenue to Youzhou Camellia Technology Co., Ltd., a designated assistance enterprise of the company.



6.2.4 绿色发展案例

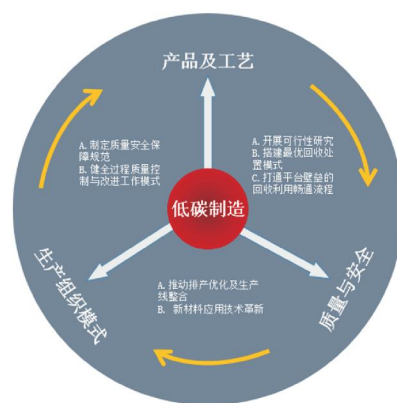
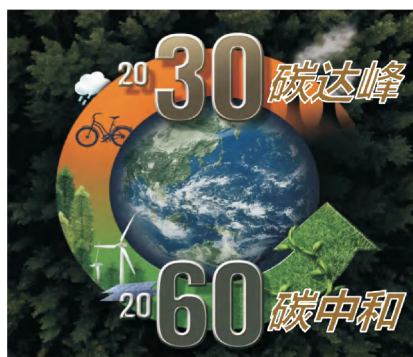
Green Development Case

作为示范企业，长安汽车始终坚持贯彻国家节能减排战略，以低碳绿色转型升级、可持续发展为战略目标，持续推进低碳设计、低碳采购、低碳制造等发展方式，强化品牌“低碳生态”标签，致力于成为引领汽车行业低碳绿色发展的先行者。

As a demonstration enterprise, Changan Auto always adheres to the national energy-saving and emission reduction strategy, with low-carbon green transformation and upgrading and sustainable development as its strategic goals. It continuously promotes low-carbon design, procurement, and manufacturing, strengthens the brand's "low-carbon ecology" label, and is committed to becoming a pioneer in leading the low-carbon and green development of the automotive industry.

公司践行国家绿色经济发展理念，《以“双碳”为导向的汽车铸造废料循环利用体系构建与应用》获2022年重庆市企业管理现代化创新一等奖。

The company practices the national green economic development concept, and its innovation "Construction and Application of the Automotive Casting Waste Recycling System Guided by Dual Carbon" won the first prize of Modern Enterprise Management Innovation in Chongqing in 2022.



6.3 环境保护

Environmental Protection

长安汽车渝北工厂开展挥发性有机物无组织排放专项治理工作。新建1套烘干废气TNV治理系统、2套废水站废气“臭氧氧化+化学氧化+植物液喷淋”治理系统、将8个VOCs无组织排放点位废气引入现有2套喷漆废气VOCs治理系统治理后排放。大幅度减少了VOCs废气无组织排放比例，获得政府补助奖金240.1万元。

Changan Auto's Yubei plant has launched a special campaign to control the disorganized emissions of volatile organic compounds (VOCs). We installed 1 set of TNV treatment system for drying exhaust gas, 2 sets of “ozone oxidation + chemical oxidation + plant liquid spraying” treatment system for wastewater station exhaust gas, and introduced the exhaust gas from 8 VOCs disorganized emission points into the existing 2 sets of VOCs treatment systems, and then discharge it after treatment. The proportion of disorganized VOCs emissions has been greatly reduced, and the company received a government subsidy of 2.401 million yuan.



重庆铃耀率先在巴南区工业企业中完成燃气空调低氮改造6台，达成年6.99吨氮氧化物减排，获政府补贴94.5万元，被重庆市生态环境局纳入《重庆市监督执法正面清单企业列表（2022年）》中，并获《中国环境》报道，重庆17家企业上榜（汽车1家）。

Chongqing Lingyao took the lead to complete the low-nitrogen transformation of 6 gas air-conditioning systems among industrial enterprises in Banan District, achieving a reduction of 6.99 tons of nitrogen oxide emissions per year. Chongqing Lingyao received a government subsidy of 945,000 yuan, and have been included in the “List of Enterprises on the Positive List of Supervision and Law Enforcement in Chongqing (2022)” by the Chongqing Ecology and Environment Bureau, and reported by “China Environment”. Seventeen companies in Chongqing were on the list, including one automobile company.



6.3 环境保护

Environmental Protection

公司深入打好污染防治攻坚战，强化减污降碳协同增效

The company is deeply engaged in the battle against pollution prevention and control, and is strengthening pollution reduction and carbon reduction to increase efficiency synergistically.

重庆本部废有机溶剂实现再生资源化，年利用废溶剂400吨左右；北京长安水性漆渣完成无害化鉴定，年减少危险废物150吨以上。

At the Chongqing headquarters, waste organic solvents have been successfully recycled as resources, with an annual utilization of about 400 tons of waste solvents. In Beijing, the harmless treatment of water-based paint residue has been identified, resulting in a reduction of over 150 tons of hazardous waste per year.

我们根据《低挥发性有机化合物含量涂料产品技术要求》（GB/T38597-2020）等新标要求，联合涂料厂家完成12种色漆、7种中涂漆的开发、测试，并正式投用，从源头进一步削减挥发性有机物。

According to the new standard requirements such as "Technical Requirements for Paint Products with Low-VOC Content" (GB/T38597-2020), we completed the development and testing of 12 types of colored paints and 7 types of intermediate paints in cooperation with paint manufacturers, and put them into use officially to further reduce VOCs from the source.

报告期内公司渝北工厂、两江工厂3个基地、江北发动机2个基地、重庆铃耀、长安福特各工厂评为重庆市2021年环境诚信企业；模具事业部评为渝北区环境诚信企业；合肥长安评为合肥市环境诚信企业。

During the reporting period, the company's Yubei factory, the 3 bases of Liangjiang factory, the 2 bases of Jiangbei Engine, and all factories of Chongqing Lingyao and Changan Ford were recognized as Chongqing City 2021 Environmental Integrity Enterprise; the Mold Division was awarded as Yubei District Environmental Integrity Enterprise; Hefei Changan was recognized as Hefei City Environmental Integrity Enterprise.

2022年公司重点排污单位均按法规要求编制了自行监测方案，各污染治理设施运行正常。2022年公司缴纳环境保护税132.75万元。

In 2022, the company's key pollutant discharge units have prepared their own monitoring plans according to the requirements of laws and regulations, and all pollution control facilities are operating normally. In 2022, the company paid an environmental protection tax of 1,327,500 yuan.



6.4 安全环保

Safety & Environment

坚持长期思维，由运动式管理向体系化管理转变。长安汽车坚持系统思考和体系思维，重构安全环保体系架构，全面修订SOS、EOS管理手册，着力将体系符合性评价向体系成熟度推进，将结果指标向过程指标进行延伸。

Uphold long-term thinking, transition from movement-based management to systematized management. Changan Auto employs systematic thinking and system-based approaches to restructure the framework of its safety and environmental protection systems. The SOS and EOS management manuals are fully revised to promote system maturity to system compliance evaluations and extend result-based indicators to process-based indicators.

坚持由严格监督阶段向自主管理阶段转变。公司实施26个攻关项目，完善了先期安全管控机制，完成了安全环保数字化场景及功能建设，部署了天网三期监控点位，细化了事故事件对微小伤害定义，鼓励虚惊事件上报。

Insist on the change from strict supervision to independent management. The company implemented 26 key projects, improved the advance safety control mechanism, completed the construction of safety and environmental protection digital scenes and functions, deployed the third phase of the “Sky Net” monitoring system, refined the definition of minor injuries in accident events, and encouraged reporting of potential incidents.

坚持正向激励和严格管理并重。公司优化督查模式，将体系能力提升融入日常安全检查，充分发挥监控指挥中心轨道巡查作用，累计打击“三违行为”567起，考核金额76.49万元，奖励102.9万元（含公司疫情防控奖励）。

Insist on positive incentive and strict management at the same time. The company optimized its inspection mode, incorporated system capability improvement into daily safety checks, fully leveraged the role of the monitoring and command centre in track inspections, and cracked down on 567 incidents of “three violations”, with a total assessed amount of 7.649 million yuan and rewards of 10.29 million yuan (including the company’s COVID-19 prevention and control rewards).

营造安全的生产经营环境。2022年公司共计组织开展应急演练233次，20525人参与。

Create a safe production and operation environment. In 2022, the company organized a total of 233 emergency drills with 20,525 participants.



报告说明

Report Explanation

报告说明：

2008年以来，长安汽车每年编写和发布社会责任报告，《长安汽车2022年社会责任报告》时间跨度为2022年1月1日至2022年12月31日。为增加报告的可比性和前瞻性，部分内容有所延伸。

Report Explanation: Changan Auto has prepared and published social responsibility reports every year since 2008. The Changan Auto 2022 Social Responsibility Report covers the period from January 1, 2022 to December 31, 2022. In order to increase the comparability and forward-looking nature of the report, some content has been extended.

报告内容：

本报告真实披露了长安汽车在企业社会责任管理及践行经济、环境、社会等责任方面的理念、实践和绩效。

Report Content: This report truly discloses Changan Auto's philosophy, practice and performance in CSR management and the practice of economic, environmental and social responsibilities.

质量保证：

本报告发布前，所有数据及内容均通过审核，公司承诺本报告不存在虚假记载、误导性陈述。

Quality Assurance: Before the release of this report, all data and content have been reviewed, and the company promises that there is no false record or misleading statement in this report.

编制流程：

成立报告编写小组→确定报告边界→召开编写会议→搜集整理素材→编写报告→审核报告→发布报告→总结与反馈。

Preparation Process: Establish report preparation team → Determine report boundary → Hold preparation meeting → Collect and sort out materials → Prepare report → Review report → Release report → Summary and feedback.

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