

# 2021

## 国轩高科年度 ESG 报告

*Gotion High-Tech ESG Report*



让绿色能源服务人类

To Make Green Energy Accessible and Sustainable

[www.gotion.com.cn](http://www.gotion.com.cn)

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**GO** INNOVA  
COOPERA  
GLOBALIZA **TION**

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## Chairman's Message



### Go Global

As time passes by, the new year of the tiger has begun. Everything takes on a completely new look.

In 2021, the explosive growth trend of the new energy industry saw a competitive market; power battery providers spare no efforts to make innovations and compete in the industry. With the development trend, Gotion High-Tech, gathering all the strength and ambitions, strived ahead with the industrial development, hit a record high in various sectors and achieved leapfrog development.

When recalling the past year, Gotion High-Tech has made great achievements in innovation and development.

In 2021, Gotion High-Tech followed the general trend of our country. In the past five thousand years, Qin and Han Dynasties made their prestigious names known to the world. Tang and Song Dynasties demonstrated their power and prosperity to the globe. However, things all changed after the First Opium War. The glory in the past all vanished without a trace for the Qing government could no longer protect its land and people under the powerful weapons. When carefully figuring out the reason for the past failure, we may realize that lacking energy strategy put us in an inferior position as cold weapons can never defeat firearms. In modern times, our leader in the new generation has proposed carbon peaking and carbon neutrality goals to achieve green development. The initiative of energy development in China shall be firmly seized by our people. The solemn call makes the new energy industry rise rapidly. Numerous talented and like-minded people from Gotion High-Tech devoted themselves to innovations tirelessly so as to break the back of countless difficulties and start a new journey. Staff in Gotion High-Tech were in line with the development pattern of our country. The sales performance also exceeded RMB 10 billion.

In 2021, Gotion High-Tech boldly embraced opening-up and cooperation. It takes a good blacksmith to make steel. With our technological advantages and talent pool, Gotion High-Tech was pleased to obtain strategic investment from Volkswagen. The in-depth cooperation between us has laid a solid foundation for Gotion High-Tech to go global and expand the European market. In terms of our international segment, Gotion High-Tech successfully cooperated with the US company and opened the North American market; we also work together with VinFast in Vietnam and the layout in Southeast Asia was implemented smoothly. Cooperation with the Tata Group, an Indian multinational conglomerate, was operated well and reached new highs. While focusing on cooperation with enterprises in the international markets, Gotion High-Tech also led our talent to fight shoulder to shoulder and move forward for a win-win future. To be competitive in the new energy revolution, we not only learn from the world through our Chinese courtesy, mind, attitude and wisdom but also apply our wisdom to help us take a place in the industry.

In 2021, Gotion High-Tech made progress in a coordinated manner. To help Chinese new energy enterprises enter the international markets, we are fully aware of our responsibility of promoting technological innovation. We are confident to show our strength. Meanwhile, we will make greater efforts in development and coordination. In a coordinated manner, we attracted strategic investment from Volkswagen. Quality experts and a large number of lean manufacturing experts cooperated with Gotion High-Tech, strived ahead in the same direction and shared the same future. With the re-arranged process, quality control, lean manufacturing and designated and regular inspection for foreign projects, the management capacity of Gotion High-Tech reached a new level. For the previous coordination, the Tangshan base helped us enter the international market together with Huawei; the Qingdao base helped us expand our business with Leapmotor nationwide; the Nanjing base made it possible for us to cooperate and coordinate with GWM, Changan and Chery to achieve excellence; the Liuzhou base offered opportunities for in-depth cooperation with SGW and fostered our expansion in the Southeast Asian market; the Lujiang base, together with JAC Group, reached new highs; the Economic and Technological Development Zone base provided chances to work with Geely and NCM battery R&D was set off in Gotion High-Tech. When turning to what we have achieved, you may find various new projects in Yichun, Jiangxi Province, Chuanheng, Guizhou Province, Wuhai, Inner Mongolia Autonomous Region, Feidong, Hefei City, and my hometown Tongcheng, Anhui province have been launched one by one. Leaders of each base dedicated themselves to leading the team and handling crises and made our company develop steadily. All the brilliance they achieved is the result of practical work. Their efforts will be remembered in the history of Gotion High-Tech and their coordinated philosophy will be a treasure for later generations.

In 2021, Gotion High-Tech insisted on attaining common prosperity. We always keep it in our minds that pursuing common prosperity is our goal. To make our country prosperous and the people live a happy life is the nature of our development. We never forget that coexistence and a win-win future are the impetus for development. Gotion High-Tech, together with many other enterprises, has joined hands to forge ahead and go for a better world. In the past year, we worked with our partners to revitalize many enterprises, increase incomes for tens of thousands of employees to live a well-off life and rejuvenate supporting enterprises. We always adhere to our social responsibility. We tried our best to help when people in Zhengzhou were suffering from the flood. When students have financial difficulties, we try every means to help them continue their studies. When employees have problems in their life, we give a helping hand and show our care without hesitation. Everyone in Gotion High-Tech, from leaders to employees, has boundless love and empathy for others and the outside world. We are committed to managing our company by regulations, laws and morals that are recognized by all, and allocating stock incentives to help employees become richer. We encourage our employees to compete for promotion so that they can go further in the industry. Promotion and increasing salary will make our employees have a stronger sense of involvement and live a happier life.

In the new year, we will have new dreams, new hopes and new pursuits. The old days have gone while the future is still far from us. We could only seize the time and chances in front of us now. Being practical, taking our responsibilities, and focusing on both domestic and international markets can give fresh impetus to us to have new results.

To go global, we must take the quality of our products as the core. 2022 will still be challenging and we could only rely on the quality, as it is the foundation of our development. We should have a better understanding of the public, continue to realize our full technical potential, improve quality while reducing costs and provide good products at affordable prices. We should achieve our goals while giving back to society.

To go global, we must be talent-centered. Talent is the driving force of development. In 2022, we will recruit thousands of employees who hold master's or doctor's degrees, gather talented and skilled staff and attract more talent to work in, enjoy their work and feel the life in Gotion High-Tech through giving option incentives, increasing salary, improving the working environment and providing more innovative positions.

To go global, we must adhere to innovations. Innovation is the key to development. The R&D of batteries should break the traditions and meanwhile, follow the facts of science. Only bold assumptions and careful verification can help us make breakthroughs and stride across the gaps in development. In 2022, we strive to make greater progress. We will produce LFP batteries that can exceed 230Wh/kg and NCM batteries that can exceed the capacity of 400Wh/kg.

To go global, we must be user-oriented. We should be user-centered, stand in their shoes, solve their problems and provide even more considerate services for them. The simplest solution is usually the best solution. To win users' recognition, we should always produce quality products and deliver our products to users in time to meet their needs. Only in this way will we achieve a brighter future.

To go global, we should stick to good management. We have set our goals and we are also ready for challenges. To get through all the difficulties, we should strengthen our management before we finally succeed. In 2022, we will attract more skilled talent, strengthen management, set rules and regulations, and emphasize implementation to achieve new breakthroughs in management, new improvement in strategy, and ensure our work is implemented and completed smoothly and successfully.

Our future will be bright and promising. Let us be brave about all the things ahead of us, keep closer to the world, follow the trend of the times, forge ahead and go global!



# Preface

—  
2021 ESG Report  
[www.gotion.com.cn](http://www.gotion.com.cn)



# PREFACE

## P1 Standard of Reporting

The Board of Directors and all directors hereby declare that there are no false records, misleading presentations, or major omissions in this report, and they shall assume individual and joint liability for the authenticity, accuracy, and completeness of the contents hereof. We hope to strengthen communication, promote cooperation, enhance the identification of interests, emotions and values, and boost sustainable development by releasing the report.

This is the fourth corporation social responsibility (CSR) report released by Gotion High-Tech, which has been published annually since 2018.

This report covers the period from January 1, 2021 to December 31, 2021 (hereinafter referred to as the "Reporting Period") while some contents may be beyond the time frame.

The report is written with reference to such documents as the Guidelines of the Shenzhen Stock Exchange for Standardized Operation of Listed Companies and Guidelines on Corporate Social Responsibility Reporting for Chinese Enterprises (CASS-CSR). Since the report covers Gotion High-Tech and its subordinate companies, such expressions as "Gotion High-Tech", "the Company", and "we" will be employed in the report for convenience.

All data herein are from the audit reports and related statistics of the Company, and the Company guarantees the objectivity and authenticity of the relevant data thereof.

The report is prepared by the editorial board of the Gotion High-Tech Enterprise Strategy Group (ESG) Report 2021, and reviewed and approved by the Board of Directors of the Company.

This report comes in Chinese and English and the Chinese version shall prevail during the review. The report is published in Chinese electronic format.

For inquiry and download, please visit the website: <http://www.cninfo.com.cn>.

Your comments and opinions are warmly welcomed. In case of any queries, please contact us as listed below.

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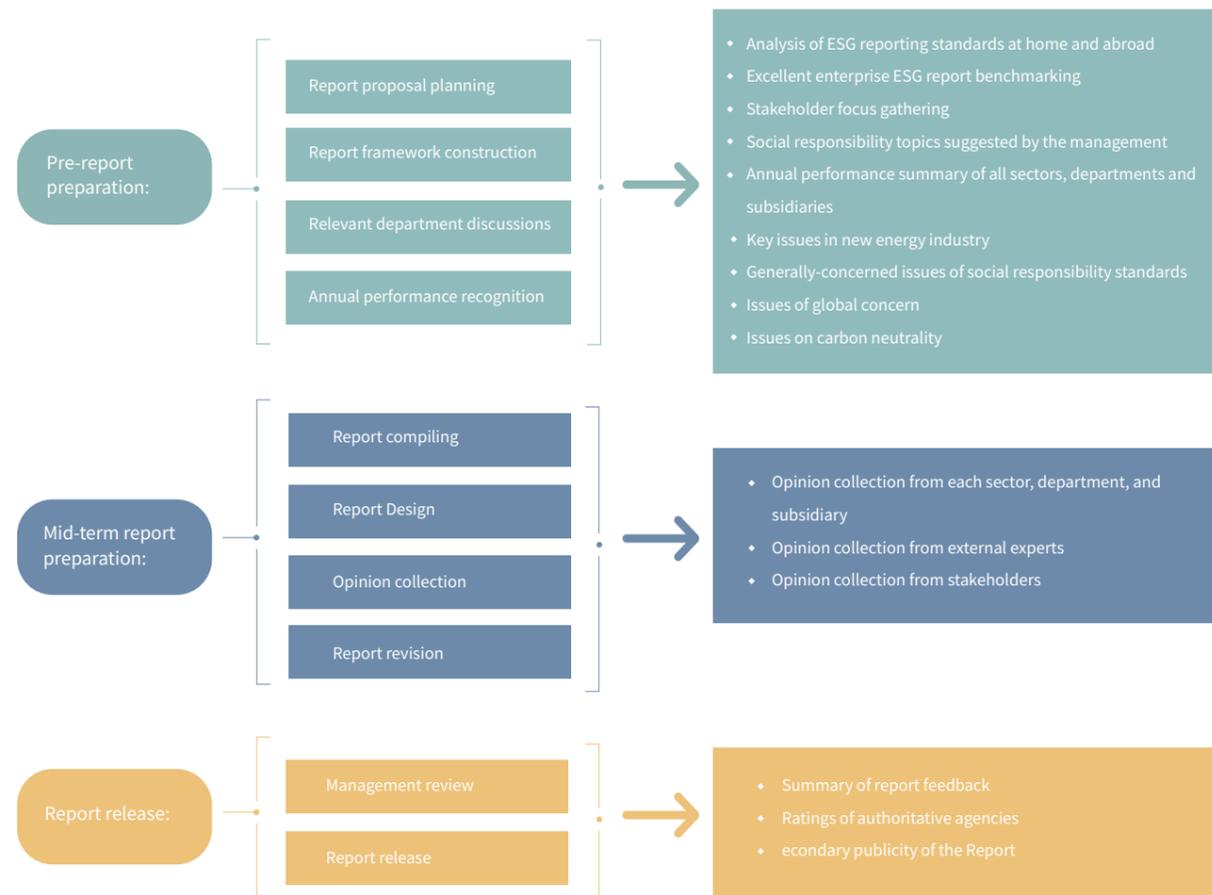
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## P2 Report Procedure

During the preparation of the report, we have conducted a survey among stakeholders to better understand their expectations and demand, and the results will be subject to the final selection of the report content. Other measures have also been taken to ensure the accuracy and compliance of the report content.



### Preparation Procedure of Gotion High-Tech ESG Report



## P3 Company Overview

### P3.1 Company Profile

Gotion High-tech Co., Ltd., as the earliest private enterprise to enter the capital market, was listed in May 2015 (stock code:002074), specializing in power battery for new energy vehicles, energy storage application, power transmission and distribution equipment, etc.

Gotion High-Tech is a technology-based company, which focuses on power battery technology research and development and innovation. It is a national torch program project unit, a national enterprise technology center, a high-tech enterprise, the winner of Anhui Provincial Government Quality Award, and a unit undertaking three national "863" major projects. The related patented technologies have covered the whole battery industry chain technology, including four main materials of cell, cell structural design, BMS, PACK, testing and evaluation, dismantling and recycling, and energy storage, etc.

Gotion Hi-Tech is a company specializing in battery. It is one of the earliest enterprises engaged in the independent research and development, production and sales of new energy vehicle power lithium-ion batteries in China. Its main products are LFP materials and batteries, NCM batteries, power battery packs, BMS and energy storage batteries. The products are widely used in new energy vehicles such as pure electric passenger cars, commercial vehicles, special vehicles and hybrid electric vehicles, providing system solutions for energy storage power plant, communication base stations, etc.

Gotion High-Tech is an international company. Global R&D centers have been established in Hefei, Shanghai, Silicon Valley, Cleveland, Tsukuba, Singapore, Europe, Germany, etc. Volkswagen (China) has invested about 1.1 billion euros and become a shareholder of Gotion Hi-Tech on May 28, 2020. The two sides will jointly carry out battery technology innovation and R&D, making Hefei, even Anhui Province an important base of China's electric vehicle industry, welcoming the arrival of the global electric era.

### P3.2 Existing Product System



NEV power battery business

The products mainly include LFP & NCM materials, cells, power battery packs, and battery management systems, etc. Our products are widely used in NEVs such as pure electric commercial vehicles, passenger vehicles, express delivery vehicles, and hybrid electric vehicles. We have established long-term strategic cooperation with many major NEV manufacturers at home and abroad.



Energy storage business

The main products include containerized energy storage systems, communication base station telecom power supply units, and 5KWH/10KWH household energy storage power supply, etc. We provide customers with efficient, reliable, and customized energy storage power system solutions in the fields of large energy storage power plants, small household energy storage, and backup power supplies.



Transmission and distribution equipment business

The main products include high-voltage electrical appliances, high- and low-voltage complete switchgear, electrical digital equipment, intelligent equipment for the power distribution network, serial mutual inductors, transformers, circuit breakers, integrated charging piles, on-board chargers, and energy storage cabinets, which are widely used in such fields as thermal power, hydropower, nuclear power, wind power, metallurgy, and railway.



### P3.3 Product Application Fields



#### Passenger vehicles

LFP is favored by the market while NCM batteries are applied in medium and high-end cars



#### Commercial vehicles

Owing to its absolute advantage, LFP occupies a large proportion of the market



#### Special vehicles

The installed capacity ranks second in the domestic market in recent years



#### Low-speed vehicles

Due to the cost-effective, safe, convenient, and fast performance, our products boast broad market prospects.



#### Energy storage:

It is mainly divided into household energy storage systems, distributed micro-grid energy storage outdoor cabinets, and centralized battery modules. In the long-term layout, it will become the focus of the future new energy industry.



#### Ships

Our products have been assessed and approved by Japanese S-JET certification, UL9540A test and evaluation, and American CSA certification, which can provide new energy power systems for a variety of ships.

### P3.4 Main Business Areas

**11,410** employees  
**3,598** R&D talents  
**10** battery production bases in China  
**8** R&D centers worldwide



The Company currently has ten production bases in Hefei (Xinzhan, Economic and Technological Development Area, Lujiang County), Nanjing, Qingdao, Tangshan, Nantong, Liuzhou, and Yichun. In addition, it has established global R&D centers in Hefei, Shanghai, Silicon Valley, Cleveland, Singapore, Tsukuba, Germany, and India.

### P3.5 After-sales Services

In the pursuit of providing customers with high-quality and efficient after-sales services, the Company is striving to establish a sound after-sales service network and intelligent after-sales service management system, so as to provide customers with all-around after-sales services. It has gradually established a dispatching center integrating remote monitoring, 400 customer service hotline, intelligent repair requests, and a regional service model featuring independent services+ entrusted services. A total of 28 self-operated service centers, 329 whole vehicle joint service agencies, and 294 entrusted maintenance service providers have been established across the country, up 60% year on year in the number of outlets.



A total of **28** self-operated service centers, **329** whole vehicle joint service agencies, and **294** entrusted maintenance service providers have been established across the country, up **60%** year on year in the number of outlets.

### P3.6 Talent Advantages

By the end of December 2021, Gotion High-Tech has more than 3,598 R&D technicians, including over 150 Phds, 80 foreign talents, and 100 returnees, of which more than 20 are innovative talent above the provincial level.

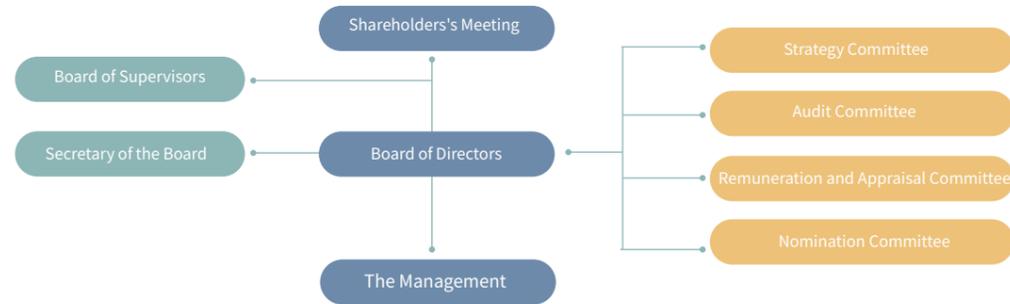
As of December 2021, Gotion High-Tech had applied for a total of 5,341 patents, including 2,451 invention patents (out of which 143 were foreign patents), 2,511 utility model patents, and 379 design patents. A total of 3,333 patents have been granted, including 810 invention patents (out of which 65 were foreign invention patents), 2,166 utility model patents, and 357 design patents. The Company has published 255 research papers, including 23 SCI papers and 147 core publications. In addition, the Company has registered 109 items of software copyright, with the intellectual property rights covering the whole life cycle of lithium batteries. Gotion High-Tech has presided over and participated in the formulation of 45 standards, including 2 international standards, 22 national standards, and 4 industry standards.

### P3.7 Social Identity

Association Name	Position
Anhui Provincial Industrial Alliance for NEV Power Battery Recycling	Governing unit
Global Council of Anhui Merchants	Lifetime vice-chairman unit
Anhui Provincial Environmental Protection Federation	Vice-president unit
Qingdao New Energy Vehicle Industry Association	Secretary-general unit
Jiangsu Provincial Industrial Alliance for NEV Power Battery Recycling	Vice-chairman unit
Jiangsu Industrial Innovation Alliance of Power and Energy Storage Battery	Vice-chairman unit
Jiangsu Automobile Engineering Federation	Governing unit
High Voltage Switch Branch of China Electrical Appliance Industry Association	Governing unit
Electric Control and Distribution Equipment Branch of China Electrical Appliance Industry Association	Member Unit
Power Battery Application Branch of China Industrial Association of Power Sources	Member Unit
The Listed Companies Association of Anhui	Member Unit
China New Energy Chamber of Commerce	Member Unit
Jiangsu Electrical Equipment Industrial Association	Member Unit
China Power Industry Transmission and Distribution Technology Collaboration Network	Technical cooperation unit
Carbon Neutrality Committee of China Energy Conservation Association	Member Unit
china association for public companies	Executive director unit
Hefei charity federation	Secretary-General unit

### P3.8 Organizational Adjustment

By the end of the reporting period, the actual governance of the Company is in compliance with the requirements of the Code of Corporate Governance of Listed Companies and the Guidelines of the Shenzhen Stock Exchange for Standardized Operation of Listed Companies, and the specific governance structure is as follows.



During the reporting period, according to the actual development needs of the Company, the organizational structure and business units of the Company are adjusted as follows:

Date	Description
March 11, 2021	Establishment of Project Command Center in Feidong Base
April 12, 2021	Establishment of Project Command Center in Yichun Base
May 25, 2021	Establishment of Project Command Center in Guizhou Base
June 21, 2021	Establishment of Gotion High-Tech Technical Committee
June 24, 2021	Establishment of Gotion European Division
July 13, 2021	Building of Battery Big Data Cloud Platform Project Team
August 16, 2021	Establishment of Compliance Department
September 22, 2021	Establishment of Global Supply Chain Center
October 13, 2021	Establishment of Project Command Center in Tangshan and Nanjing Bases
November 5, 2021	Establishment of Gotion-Volkswagen Industrial Project Command Center
November 5, 2021	Establishment of Project Command Center in Tongcheng Base
December 12, 2021	Establishment of Joint Assessment Panel for Battery System Product Design

### P4 Annual Progress

#### Far-sighting planing and reasonable layout in upstream industries

- In March, the Company signed an agreement with the People's Government of Feidong County. In June, the foundation stone was officially laid for the Gotion battery material base project in Feidong County.
- In March, the Company signed an agreement with Yichun Municipal People's Government. In August, the lithium carbonate projects in Yifeng and Fengxin were officially launched. In December, the lithium carbonate project in Yifeng was started.
- In April, the Company set up Gotion New Energy Materials Co.,Ltd with Guizhou Linhua Group and Wengfu Group in Fuquan City, Guizhou Province, holding 40% of the equity.
- In August, the Company set up Inner Mongolia Gotion Zero Carbon Technology Co., Ltd. and build an integrated production line with production capacity of 400,000 tonnes of lithium battery cathode materials in Wuhai Economic Development Zone to create the world's first zero-carbon new energy materials base.
- On December 13, the Company reached an agreement with Qinghai Salt Lake Industry Co., Ltd. The two sides plan to carry out in-depth cooperation in the fields of new energy, lithium, technology R&D, lithium-magnesium materials, and talent training.

#### Scientific development and innovative advancement

- In January, the 10th Gotion Technology & Supplier Conference was successfully held. At the Conference, the LFP cells with an energy density of 210Wh/kg were debuted, which were put into massive production in December. Meanwhile, we have successfully developed the LFP cells with an energy density of 230Wh/kg, and the density of NCM reached 302Wh/kg, leading the industry.
- In June, the Company was ranked the 38th among China's 100 most innovative companies, standing first among the battery enterprises.
- On August 20, the Company reached an agreement with the Institute of Advanced Technology of the University of Science and Technology of China, focusing on such areas in new energy as new technology development, joint talent training, and research achievement transformation.
- On October 29, the LFP energy storage cells of 27Ah and 100Ah were approved by ANSI/CAN/UL1973 standard, and the energy storage lab was awarded the Witnessed Manufacturer's Testing for Certification (WMTC).

#### New areas and steady progress

- On July 27, the Company reached an agreement with Jinko Solar on jointly developing the global "photovoltaic + energy storage" market.
- In late November, the Company signed a supply agreement with Greatwall automotive parts Co., Ltd. to supply batteries with a capacity of no less than 10 GWh in the next three years and the purchase volume no less than 2.5 GWh in 2022.
- On December 7, a power battery project with a capacity of 50 GWh was officially started in Hefei Xinzhan High-tech Industrial Development Zone, which marked a further step of Gotion High-Tech towards the goal of building an internationally influential brand in the field of new energy.
- In late December, the Company entered the American market and won a big order of 200GWh LFP batteries.

### Going global with Volkswagen

- In July, the Company signed MoU with Volkswagen Group online. Both partners reached on the industrial production of batteries and the development of the first generation of Unified Cell in Germany.
- In mid-July, the Company signed a contract with Bosch Group to acquire its factory in Göttingen, Germany, to establish the first new energy production and operation base of Gotion High-tech in Europe.
- In mid-December, The strategic investment by Volkswagen China in Gotion High-Tech has finally been completed and Volkswagen became the largest shareholder of Gotion. Chairman Li is still as the actual controller.
- In December, the market value of Gotion High-Tech reached a record high, with the 100 billion RMB.
- In December, the annual shipments and installed capacity of Gotion High-Tech reached a record high.

### National attachment and social responsibility

- In May, the Company was listed in "China's Top 500 Brands in 2021", and the chairman Li Zhen was awarded as one of the "Top 10 Brand Figures of 2021", who was again awarded as one of the "Top 10 Economic Figures of Anhui" in November.
- At the end of June, a series of Party-building activities were carried out to celebrate the 100th anniversary of the founding of the Communist Party of China.
- On July 23, the Company donated money and supplies with the equivalent of RMB 10 million to Henan which was suffering devastating floods.
- On November 16, the World Economic Forum convened a Special Dialogue with Chinese Premier Li Keqiang for its members and partners, and the chairman Li Zhen was invited to attend the meeting as a representative of Chinese entrepreneurs.



### 2021 Annual Responsibility Performance of Gotion High-Tech

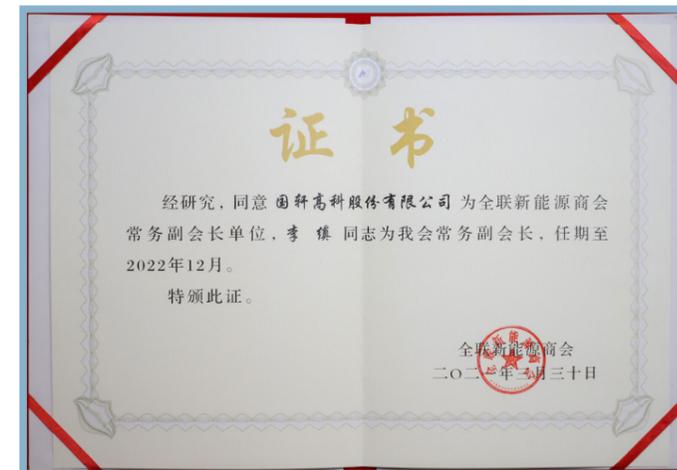
By the end of 2021, the Company had a total of 11,410 employees, including 3,353 female employees, accounting for 29.45%, while the number of R&D personnel is still being tallied.
3598 R&D technical staffs.
Gotion High-Tech has organized 58 public welfare activities.
Gotion High-Tech donated RMB 10 million to support Henan and help the local people get through these tough times.
Gotion High-Tech won the 38th place in the 2021 China's Top 100 Innovation Index Report in Science and Technology.
The 10th Gotion Technology & Supplier Conference was successfully held. At the Conference, the LFP cells with an energy density of 210Wh/kg were debuted, which were put into massive production in December. Meanwhile, we have successfully developed the LFP cells with an energy density of 230Wh/kg, and the single energy density of NCM cell reached 302Wh/kg, leading the industry.
A total of 6 board meetings, 6 meetings of the board of supervisors, and 5 general meetings of shareholders we held in the report hall on the first floor of the Xinzhan headquarters complex.
Hefei Gotion became a member of the Carbon Neutrality Committee of China Energy Conservation Association.
Gotion High-Tech officially passed the TISAX (Trusted Information Security Assessment Exchange) assessment, the highest level of information security of the European Automobile Manufacturers' Association (ACEA).
the highest level of information security of the European Automobile Manufacturers' Association (ACEA).
At the China-Germany Summit on Overseas Development of Smart New Energy Vehicles 2021, Senior Vice President Li Chen of Gotion High-Tech delivered a speech titled "A Critical Overview of Gotion High-Tech's Internationalization and Carbon Neutrality".
In September 2021, Gotion High-Tech launched the 8th Quality Month with the theme of "Leading Domestic Development, Laying out International Markets, and Safeguarding Quality Protection by all Staff".
Gotion High-Tech's LFP energy storage cells of 27Ah and 100Ah have passed the ANSI/CAN/UL1973 standard and UL9540A assessment, and its energy storage lab was awarded the Witnessed Manufacturer's Testing for Certification (WMTC).
November 26, Gotion High-Tech convened its 15th Session of the 8th Board Meeting, at which five new director members were elected and nominated.

## 2021 Annual Responsibility Honors of Gotion High-Tech

Category	Awards institution	Honorary title
Environment	China Quality Certification Center	"Five-star" after-sales service
	Jiemian ESG Pioneer 60	Excellence Award for Corporate Governance of the Year
	Gaogong Lithium-ion Battery (GGLB)	2021 Smart Manufacturer in New Energy
	China Battery Enterprise Alliance (CBEA)	2021 Product Trust Award
	China Automotive Engineering Research Institute (CAERI)	Enterprise Standard Leader
	Qidian Lithium Group	Gold Award for Lithium Battery
	China Cooperative Trade Enterprises Association (CCTEA)	Annual Figure Award of Lithium Battery
	China-Asia Economic Development Association	China AAA-level Credit Enterprise
Society	Real lithium Research	Top 10 Brand Figures of the Year
	Anhui Federation of Trade Unions	Anhui Provincial Major Rationalization Proposal Award
	Hefei Charity Federation	Special Contribution Award for Combating against the COVID-19
	Hefei Municipal Committee of the Communist Party of China	Outstanding Communist Party Member of Hefei City (Yang Maoping)
	Enterprise Party Committee of Xinzhan, Hefei	Outstanding Party Worker (Liang Dayu)
	Enterprise Party Committee of Xinzhan, Hefei	District Outstanding Party Members (Shi Xiaohu and Yang Maoping)
	Federation of Trade Unions of Xinzhan, Hefei	Craftsman of Xinzhan
	Hefei Federation of Trade Unions	Hefei Municipal "Five Small" Innovation Award (Two Winners)
	Federation of Trade Unions of Xinzhan, Hefei	District "Five Small" Innovation Award (13 Winners)
	Hefei Federation of Trade Unions	The 7th Staff Technology Innovation Achievement Award (One Winner)
Governance	Federation of Trade Unions of Xinzhan, Hefei	Labor Skill Competition of Xinzhan Zone (22 Winners)
	Federation of Trade Unions of Xinzhan, Hefei	District Labor Award (Company)
	Anhui Provincial People's Government	Excellent Private Enterprise in Anhui Province
	AutoJianghu	Power Battery Technology Innovation Award of the 11th China International New Energy Vehicle Forum 2021
	National Science and Technology Innovation Top 100 Index report	Ranked 38th on the List
Anhui Provincial Market Supervision and Regulation Bureau	Anhui Provincial Patent Silver Award	

## Annual Honors Collection





行业	上榜企业数量	上榜企业
1 医药保健	13	药明康德、迈瑞生物医疗电子、爱尔眼科、信达生物、石药、康龙化成、百济神州、普瑞医药、科伦药业、新华制药、海药药业
2 大众网络服务	8	阿里巴巴、腾讯、字节跳动、三七互娱、美图、百度、字节跳动、三七互娱、美图
3 家电3C	8	华为、海尔智家、美的、格力、TCL、小米、海信
4 房地产	7	碧桂园、世茂、龙光、富力地产、新城、融信
5 汽车	7	比亚迪、长城汽车、吉利、小鹏汽车、宇通客车、蔚来
6 能源	6	宝丰能源、国轩高科、宁德时代、宁沪高速
7 电子元件	6	立讯精密、歌尔股份、瑞声科技、歌尔声学
8 食品饮料	6	伊利、农夫山泉、康氏食品、达利食品、中国飞鹤
9 金融	6	中国平安保险、众安在线、华泰保险、中国平安财险、阳光保险
10 有色金属	4	赣锋锂业、华友钴业、洛阳钼业、北方铜业
11 材料	4	中国铝业、东方钨业、信义能源、三棵树
12 纺织服装	3	李宁、安踏、申洲国际
13 零售	3	红旗连锁、国美、永辉超市
14 医药器械	3	金域、南微医学、睿康
15 教育	2	中公教育、中公教育
16 农林牧渔	2	牧原股份、新希望
17 商业服务	2	药明生物、华测检测
18 生活日用	2	倍安、晨光文具
19 物流	1	德邦
20 电信服务	1	格林美
21 环保	1	瀚蓝
22 房产中介	1	贝壳

来源：《2021中国民营企业500强发展报告》



专注技术驱动  
成为全球能源存储产业的领导者  
Gotion High-Tech  
2021年5月底  
《全国科技创新百强指数报告2021》出炉  
合肥国轩高科动力能源有限公司  
入选全国企业科技创新100强名单  
第38位  
合肥市唯一入选50强企业  
中国动力电池领域唯一入选50强企业

序号	企业名称	所属地区
1	四川路桥股份有限公司	成都市
2	浙江康恩药业股份有限公司	绍兴市
3	浙江康恩药业股份有限公司	绍兴市
4	浙江康恩药业股份有限公司	绍兴市
5	浙江康恩药业股份有限公司	绍兴市
6	浙江康恩药业股份有限公司	绍兴市
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25	浙江康恩药业股份有限公司	绍兴市
26	浙江康恩药业股份有限公司	绍兴市



# E Environmental

Low carbon development is a sustainable development model featuring low energy consumption, low pollution, and low emissions, which is of great significance to the sustainable development of the economy and society.

Gotion High-Tech is dedicated to the mission of making green energy accessible and sustainable, and actively responds to the national environmental protection policies. Upholding the green development philosophy, the Company actively develops clean energy, and continues to increase its investment in energy conservation and environmental protection to boost high-quality development while pursuing ecological environmental protection. It has been committed to building an enterprise featuring intensive efficiency, independent innovation, resource conservation, environmental friendliness, economic security and interpersonal harmony.

Guided by the above-mentioned philosophy, the Company has taken environmental protection into overall consideration while implementing green quality management. It has continuously optimized its internal implementation of the green development system to promote energy conservation and emission reduction, strengthen climate protection, and deal with climate changes. Environmental performance mainly embodies green management, green production, and green operation.



## E1. Improving Environmental Protection System to Achieve Low-carbon Development

This chapter about Green management mainly centers on establishing environmental management system, carrying out publicity and educational activities on environmental protection, reinforcing the environmental protection responsibility of the supply chain, and dealing with climate changes.

### E1. Improving Environmental Protection System to Achieve Low-carbon Development

Gotion High-Tech has been rigidly complying with the Environmental Protection Law of the People's Republic of China and the ISO14001 environmental management system standard. It has formed an environmental management system covering all levels of the Company by optimizing its management structure, issuing environmental management policies, clarifying laws and regulations, compiling environmental management guidelines, and establishing environmental management procedures. In addition, all of its subsidiaries have passed the ISO14001 system certification, and are carrying out regular supervision and examination to standardize their environmental management systems.

By strictly implementing the "three simultaneous" procedures for environmental protection of construction projects and the Environmental Impact Assessment Law of the People's Republic of China, Gotion High-Tech, by taking environmental protection into full consideration, has ensured its pollution prevention and control facilities and the main project are designed, constructed, and operated at the same time. In addition, the Company has applied a number of new technologies and facilities to improve its environmental protection and management measures. The Company has set up a full-time environmental protection management organization with professional personnel. It has formulated a number of environmental protection management systems to strictly control the pollutant emissions in production and daily life and eliminate major problems existing in dealing with pollutant discharge such as running, spilling, dripping, and leaking. The Company has been continuously improving the working and living environment of employees and preventing the occurrence of environmental pollution accidents.

### E1.2 Environmental Warning and Emergency Response Mechanism

Gotion High-Tech has prepared special emergency response plans to deal with emergent environmental incidents, and filed them with the local environmental protection authorities. The Company has continued to improve its emergency response process, conducted environmental emergency training and drills, and strengthened the emergency response capability of employees, so that emergency incidents can be effectively controlled to reduce the harm to the environment.

### E1.3 Environmental Training and Education

In 2021, Gotion High-Tech carried out a total of 16 education training activities on environmental protection, including 6 environmental emergency drills, with a total of 510 people trained.



Environmental protection training



On-site emergency drills



Emergency rescue drills

### E1.4 Environmental Information Disclosure

Gotion High-Tech strictly implements national, local and industrial standards, and submits its self-monitoring plans and reports to the local environmental protection authorities every year. It regularly entrusts a third party to carry out emission monitoring to ensure its pollutant emission meets the required standard, and truthfully discloses its emissions information to the public. It actively carries out environmental credit evaluation business, and has been awarded the title of environmental credit enterprise.

Gotion High-Tech regularly discloses its information on environmental protection, including information on key emission units of Hefei Gotion High-Tech Power Energy Co., Ltd., and project environmental impact assessment report.



### E1.5 Establishing a Green Supply Chain

In 2021, the Company had a total of 181 qualified suppliers, among which 126 obtained ISO 14001 certification, accounting for 70%. The Company has applied the ISO environmental management system to effectively control its whole production process. The system can help the Company save expenses, reduce costs, and obtain significant economic benefits from the initial design to the final product and service by considering lowering the impacts of pollutants, emissions, and environment.

### E1.6 Supporting the Development of Green and Low-carbon industries

#### Green and Low-carbon Development Layout

Gotion High-Tech has made an ecosystem layout for the whole industrial chain covering material selection, battery R&D and production, customer experiences, and used product recycling. It has made great efforts in resource development, energy storage, and energy recovery to realize the recycling of resources.

In terms of resource development, it has built an upstream industrial chain of batteries. The Company plans to improve the overall production capacity of key raw materials to reach the production capacity of 300GWh battery by the end of 2026. In 2021, Gotion has invested in lithium mineral resources in Yichun City, and carried out the layout of the whole industrial chain, forming a power battery industry chain featuring "mine—beneficiation—lithium carbonate—battery—pack" to drive the development of relevant upstream and downstream industries.

In terms of energy storage, it has started the graphitization project of anode materials in Inner Mongolia. Lithium batteries production is centered around material manufacturing, which is power-consuming. In March 2021, Gotion High-Tech built an anode and electrolyte material base for power batteries with an annual output of 300GWh in Feidong County. The anode materials are energy-consuming, especially the graphitization project, which consumes 100 million kWh of electricity per 10,000 tons. Gotion High-Tech has built a graphitization project of anode materials in Wuhai City of Inner Mongolia, with an annual output of 400,000 tons, planning to build a zero-carbon factory entirely powered by solar energy.

In terms of energy recovery, the Company decided to end the unlimited demand for resources in the new energy industry, making all valuable components of the batteries recyclable. To this end, Gotion High-Tech has invested in developing a battery recycling project in Feidong County, Lujiang County, and other places, to further improve the high-efficiency recovery process of the whole components, so as to increase the recycling rate of used batteries from 72% to 93%. The Company has made great efforts to solve such problems as lithium battery recycling and its echelon utilization.

### Promotion and Application

Power batteries play a critical role in green and low-carbon development. Since its establishment, the Company has always been committed to the promotion and application of power battery products, and the quantity and quality of its products have been improving year by year.

In 2021, Gotion High-Tech has provided batteries for 395,000 vehicles, with a market share of 11.3%, ranking third in the Chinese market in terms of installed capacity.

To increase the market share, the Company has carried out a multi-dimensional layout, to focus on the passenger automobile market, attract high-quality customers, actively plan for overseas markets and explore future development forces in automobile manufacturing. The service can cover domestic and European, American and Asian countries and regions.

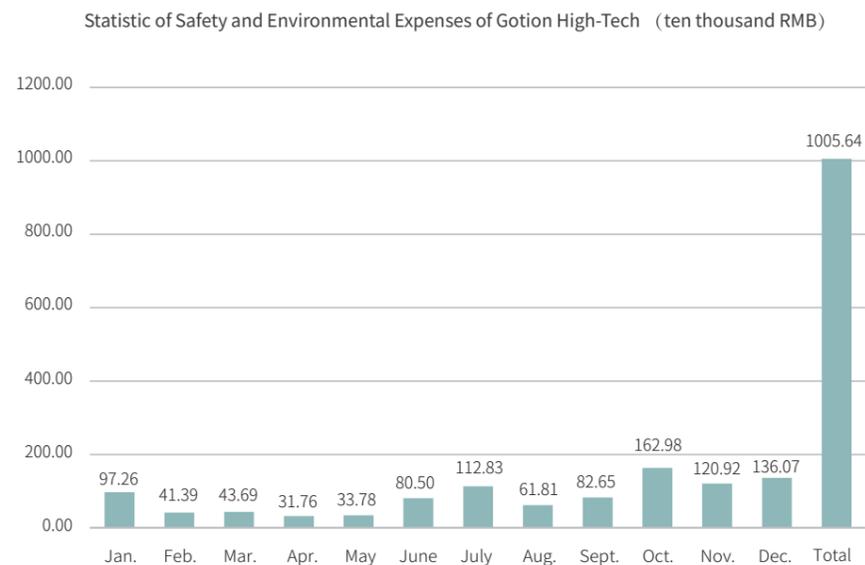
**International customers:** Volkswagen, an American car company, Tata Group, VinFast;  
**Domestic automobile companies:** GWM, Changan Auto, Geely, Chery, JAC, SGMW and BAIC;  
**New manufacturing force:** Weltmeister, Hozon and Leapmotor.

Table E1.6 Data on Different Types of Installation in 2021

2021	Number of Installations (vehicles)	Electricity (MWh)	Units Market Share	Electricity Market Share	Ranking
Passenger vehicles	363,496	6,794.2	11.0%	4.9%	NO. 3
Buses	1,599	376.4	3.6%	4.1%	
Special vehicles	30,403	1,295.1	22.1%	12.4%	
Total	395,498	8,465.6	11.3%	5.3%	

### E1.7 Total Investment in Environmental Protection

Table E1.7 Monthly Expenditure on Safety and Environmental Costs in 2021



In 2021, the Company invested a total of RMB 10,056,400 to carry out the environmental impact assessment of various projects, establish, improve and maintain pollution prevention equipment and facilities, carry out annual environmental monitoring, online operation of pollution sources, legalized hazardous waste disposal and testing of hazards in production workplaces. The investment in 2020 was RMB 10,222,838, basically remaining the same level compared to that in 2021.

## E2. Practicing Energy Conservation and Consumption Reduction to Create Green Circulation

This chapter mainly includes green design, energy and water conservation, reduction of wastewater, exhaust fumes and solid waste generation and emissions and green packaging and transportation.

### E2.1 Green Design

#### Green R&D process

The process achieves fully connected CAD+CAE+CAM online data flow to form a collaborative development environment with the cooperation of multiple R&D bases and manufacturing bases and ensure high efficiency and energy saving in the development process;

It also promotes the platform-based design and achieves the application of standard accessories, standard modules, standard BMS software and hardware platforms, standard power distribution units and standard battery boxes for commercial vehicles. Interchangeability is upgraded from three levels, namely, components, parts and assemblies.

#### Green manufacturing process

NO pollution: components comply with domestic and international laws and regulations related to hazardous substances in ELV vehicles;  
 Green manufacturing: promote upstream component suppliers to carry out PV storage grid connection transformation to enhance renewable energy recovery;

Optimized design of components and parts: reduction of carbon emission is included in the optimization goals, which aim to reduce material use and optimize manufacturing processes.

### E2.2 Procurement and Use of Environmentally Friendly Raw Materials

In the battery production process, lightweight materials and technologies such as lightweight alloys, mineral fiber composites, topography optimization and topology optimization are introduced into mass production, helping the whole vehicle to achieve a high lightweight feature and maximize the efficiency of energy consumption.

In addition, upgrading and recycling technology of the injection molding components and cast aluminum parts mixing is applied to the manufacturing process of battery module end plates, brackets and other parts to greatly reduce the carbon emissions of the manufacturing and also comply with domestic and international laws and regulations related to the recoverability rate of ELV vehicles.

### E2.3 Green Packaging

The Company encourages the application of lightweight packaging and packaging recovery in the process of product transportation.

First, the Company reduces the packaging materials by using cardboard boxes rather than wooden boxes, adopting recyclable packaging instead of disposable materials, and using plastic packaging instead of iron packaging. The solid packaging rate is 0.29kg/kWh for modules per kWh, reduced by about 22%; the solid packaging rate is 1.79kg/kWh for small battery packs per kWh, reduced by about 16% and the solid packaging rate is 2.38kg/kWh for medium- and large-sized battery packs per kWh which is reduced by about 8%.

Second, the Company achieves packaging recovery, such as cardboard boxes, in the factories and between branches. Recyclable packaging materials can be recycled by suppliers. The paper and wood packaging, as environmentally friendly materials sent to customers with products can be recycled by society.

Table E2.3 Green Packaging in 2021

	Lightweight Packaging	Packaging Recovery
Objectives	To ensure the utilization rate of packaging materials per unit of products in 2021 is 5% higher than that in 2021	To ensure that products packaging materials in the market are easy to be recycled or 100% recyclable by 2021
Methods	<ol style="list-style-type: none"> <li>1. Reduce packaging materials and try to replace wooden boxes with cardboard boxes</li> <li>2. Adopt recyclable packaging instead of disposable packaging, plastic packaging instead of iron packaging</li> <li>3. Develop and apply new environmentally friendly lightweight packaging materials to replace wood or iron materials</li> </ol>	<ol style="list-style-type: none"> <li>1. Recycle cardboard packaging delivering in factories or between branches</li> <li>2. Recycled packaging is recycled by suppliers</li> <li>3. Packaging materials sent to customers with products are environmentally friendly materials such as paper and wood, which can be recycled by society in a unified manner</li> </ol>
Outcomes	<p>In 2021, Gotion High-Tech used plastic packaging instead of steel packaging, paper packaging instead of wood packaging, and plastic packaging instead of paper and wood packaging:</p> <ol style="list-style-type: none"> <li>1. Solid packaging rate is 0.29kg/kWh for modules per kWh, with a reduction of about 22%</li> <li>2. Solid packaging rate is 21.79kg/kWh for small battery packs per kWh, with a reduction of about 16%</li> <li>3. Solid packaging rate is 2.38kg/kWh for medium- and large-sized battery packs per kWh, with a reduction of about 8%</li> </ol>	Promote environmental protection concept, encourage the recovery of all packaging, and give priority to environmentally friendly materials and recycled packaging

## E2.4 Energy Conservation Policies and Measures

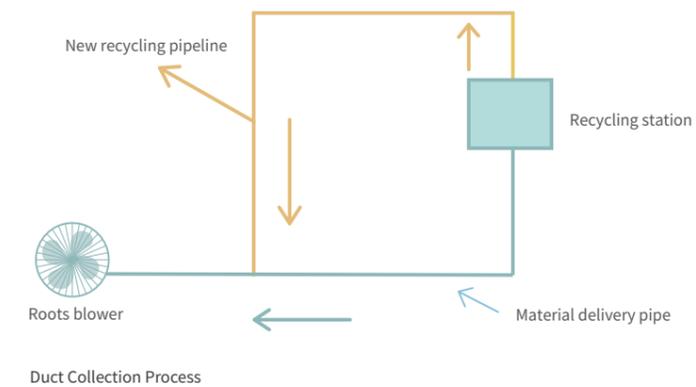
To promote the establishment of a green enterprise and shoulder social responsibility, the Company sets up an environmental protection strategy committee, consisting of a lean manufacturing group, renewable energy project team and energy storage project team to promote lean manufacturing and the use of renewable energy. We will ensure the batteries manufactured for Volkswagen are 100% renewable, and strive to match all environmental protection indicators of the Volkswagen Group by 2025.

Following the above-mentioned environmental protection strategy, the Company has implemented cost control and indicator assessment for promoting proactive management to reduce consumption and waste in each department.

The Company continues to explore the application of energy-saving techniques and technologies, improve the post-evaluation mechanism and strengthen the promotion of energy-saving technologies. For example, we will re-arrange the building area to reduce the cost of heating and ventilation; pay more attention to public powertrain measurement and information feedback; utilize energy-saving technology to analyze energy consumption per unit. We will also increase investment in energy-saving technologies and carry out reforms to reduce energy consumption.

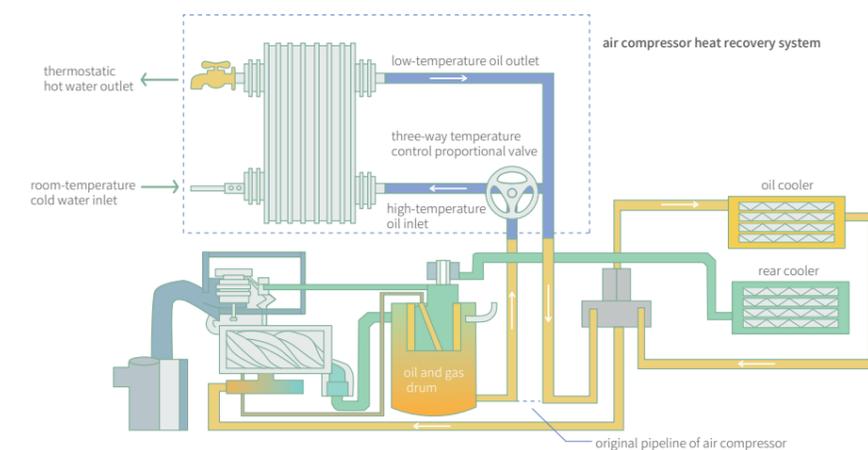
The company will also operate air conditioners of the existing workplaces based on the actual needs of different areas and ensure air conditioners in every workplace can be operated individually according to the production situation; replace high energy-consuming equipment, put more investment in energy-saving equipment and R&D of relevant techniques and technologies; recycle wastewater after processing and reuse water for water tanks, irrigation, fire-fighting to achieve energy saving, emission and cost reduction.

Example 1: Lujiang Material lithium iron production line 1 # workshop promotes kiln material recovery. The Company stops using the kiln dust collectors by applying the negative pressure in the original material delivering pipe and connecting the new recycling pipeline beside it to collect dust in the recycling station for secondary utilization. After the adjustment, the energy consumption is reduced. The four out-of-use dust collectors saved electricity of 10,800kWh per year, which is about RMB 7,560 per year; the adjustment is expected to save 7,200kg of materials in a year, which is equivalent to RMB 158,400.



Example 2: Liuzhou branch standard workshop promotes electricity returns and reuse. The returns not being consumed can directly return to the grid. Based on the multi-functional reverse current meter, the workshop property deducts the electricity returned to the grid and calculates the return fees at 90% of the returns (10% is estimated as a loss); the return fee is RMB 0.5155/kWh per unit. The actual amount of returns in 2021 is about RMB 117,000.

Example 3: Reuse heat generated in the operation of air compressors. As presented in the figure below, the heat is reused for workshops to keep a constant temperature through the transfer of hot water, and the water temperature and flow rate are adjusted by the workshop temperature sensors so as to replace electrical heating and achieve energy saving and consumption reduction.



## E2.5 Measures and Performance of Recycling Used and Waste Products

### Establishment of recycling channels:

To cope with the risks in the process of collection, storage and transportation of scattering decommissioned batteries in the market, the Company establishes recycling outlets and channels according to the market capacity and focuses on the safety of the recycling process, the efficiency of the outlets, the practicability of the channels and the standardization of the recycling system. Depending on the 29 used battery recycling centers nationwide, 52 recycling outlets and over 200 designated outlets in the sales and after-sales network, Gotion Hi-Tech carries out safe and practical recycling of decommissioned batteries.

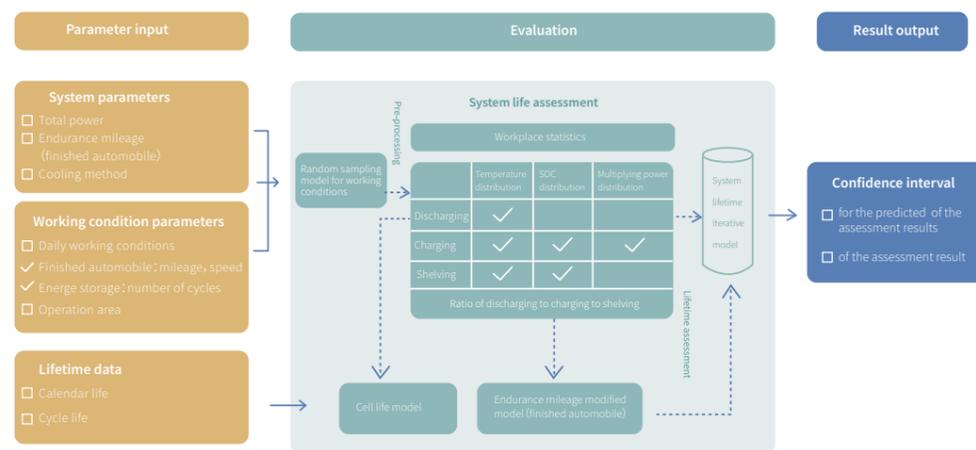
Below is the distribution of existing outlets and designated institutions:



Distribution of battery recycling projects and commissioning agencies

### Whole life cycle assessment system:

The decommissioned batteries still have high value in reuse regardless of the high costs in battery grading, sorting and grouping which have greatly limited the development of the decommissioned battery echelon utilization industry. Gotion High-Tech Research Institute makes the most of the big data platform to analyze the whole life circle of power batteries in different scenarios, simulate and establish a database and value evaluation model for the whole life cycle and build a sustainable business model.



Whole Life Cycle Assessment System

### Establishment of service system:

The decommissioned batteries are in different states. Therefore, the most vital problem faced by battery recovery enterprises is how to define the pricing of decommissioned batteries in a quick manner. With the database and value evaluation model of the power battery's whole life cycle supplemented by the traceable system, Gotion High-Tech will establish an industrial support system, providing consulting, trading and value assessment services for battery enterprises, NEVs and recovery enterprises.

In 2021, the Company was selected as the company complying with the Standard Requirements for the Comprehensive Utilization of Decommissioned NEV Power Batteries and awarded as Anhui Provincial NEV Power Battery Recycling Regional Pilot Enterprise (Station).

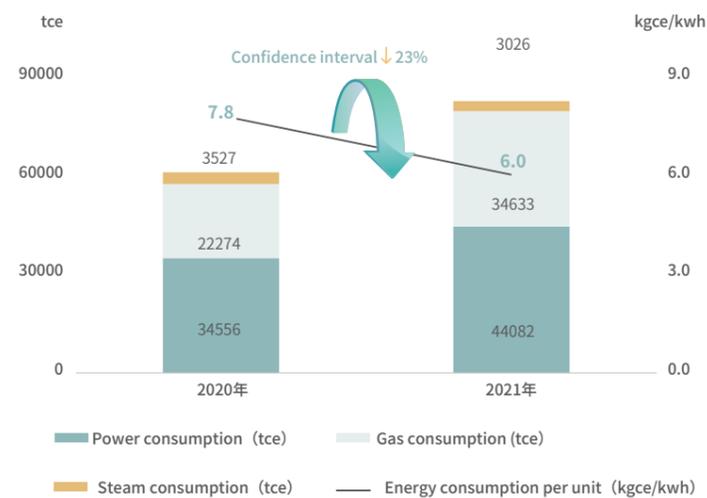
Table E2.5 List of enterprises that meet the Standard Requirements for the Comprehensive Utilization of Decommissioned Nev Power Batteries (third batch)

S/N	Region	Name	Type of Application
1	Hebei	Sinochem Hebei Corporation	Recycling
2		SVOLT Energy Technology Co., Ltd	Echelon utilization
3	Jiangsu	OLITER Energy Technology Co., Ltd.	Echelon utilization
4		Nantong Beixin New Energy Technology Co., Ltd.	Recycling
5		Tianneng Power Supply Material	Echelon utilization
6	Zhejiang	Hangzhou An-image Technology Co., Ltd.	Echelon utilization
7		Zhongneng Energy Cycling Technology Co., Ltd.	Echelon utilization Recycling
8		Xunying New Energy	Echelon utilization
9	Anhui	Hefei Gotion High-Tech Power Energy Co., Ltd.	Echelon utilization
10		Shanghai CN Science and Technology Co. Ltd.	Recycling
11	Fujian	Fujian Evergreen New Energy Technology Co. Ltd.	Recycling
12		Jiangxi Miracle Golden Tiger Cobalt Co., Ltd.	Recycling
13	Jiangxi	Jiangxi Rui Da Xinnengyuan Technology Co., Ltd.	Recycling

## E2.6 Total Energy Consumption and Reduction in 2021

In 2021, the Company consumed a total of 81,741 tce (tons of coal equivalent) in battery manufacturing, 44,082 tce of electricity, 34,633 tce of gas and 3,026 tce of steam. Compared to the statistics in 2020, the total energy consumption has increased because of double battery output while the energy consumption per unit is 6.0 kgce/kwh, which has decreased by 23%.

Table E2.6 Company Battery Energy Consumption in 2021



## E2.7 Use of Clean Energy

In 2021, Lujiang Material, the subsidiary of the Company installed solar photovoltaic panels which generate and provide electricity of about 4 million kWh. Gotion (Nanjing), another subsidiary installed the same facilities which generate and provide electricity of about 7 million kWh. The total carbon dioxide emissions have been reduced by about 8,000 tons annually.

## E2.8 Exhaust Fume Emissions

Treatment measures of dust: The main component of the pollutants is particulate matter. Exhaust fumes are collected and processed by a central dust collection system;

Treatment measures of NMP exhaust fumes: The main component of the pollutants is N-Methyl Pyrrolidone. Exhaust fumes are treated by secondary condensers. The NMP exhaust fumes will be transformed into the recovered solution through the condensation system and then will be recovered by the manufacturers.

Treatment measures of electrolyte exhaust fumes: The main component of the pollutants is the electrolyte. Exhaust fumes are discharged through the exhaust pipelines after being treated by lye spray, mist elimination and UV photolysis and activated carbon adsorption.

Gotion High-Tech has actively carried out monitoring of pollutants, entrusted the third party to conduct sampling monitoring regularly and established a special inspection system for environmental protection facilities, with designated personnel taking charge of them to ensure the emissions meet the standards.

Exhaust fume emissions: Annual emissions of non-methane hydrocarbon are 1.087 tons/year, and the emission reduction is 5.435 tons/year.

## E2.9 Wastewater Discharge

The wastewater is mainly from the production process of cleaning admixture, batteries and domestic sewage. The main pollutants: PH, COD, ammonia nitrogen, TP, SS. The wastewater enters the self-built sewage treatment station through the sewage networks in the factory for processing. It will be discharged into the municipal sewage networks after meeting the pollution discharge requirements (indirect discharge) for newly established enterprises shown in Table 2 Emission Standard of Pollutants for Battery Industry (GB30484-2013). Gotion High-Tech controls the quality of effluent and effluent water strictly and installs wastewater online monitoring devices. The network connected with local environmental authorities will upload monitoring data in real-time to ensure that emissions fulfil the standard.

Wastewater emissions: COD annual emission is 3.654 tons/year, with an emission reduction of 32.886 tons/year; ammonia nitrogen is 0.921 tons/year, with an emission reduction of 5.52 tons/year.

## E2.10 Waste Discharge

Table E2.10 Gotion High-Tech 2021 General Industrial Waste and Hazardous Waste Classified Treatment

S/N	Waste	Main Component	State	Source	Waste Classification	Waste Generation or Discharge	Institutions Processing the Waste		
						(t/a)			
1	Used lubricant	Used mineral oil	Liquid	Equipment repair	Hazardous waste	4.441	Disposed by qualified hazardous waste processing units		
2	Used electrolyte	Electrolyte		Electrolyte injection		26.932			
3	Used rags, gloves	Stained by admixture	Solid	Equipment wiping		3			
4	Used admixture	Admixture		Admixture and coating		80.384			
5	Wastewater from processing sludge	Organics		Wastewater processing system		210.96			
6	Waste activated carbon	Activated carbon		Exhaust fume treatment system		8.699			
7	NMP recovered solution	NMP	Liquid	NMP recovery system		General wastes		9665.43	Recycled and refined by manufacturer
8	Used aluminum foil	Aluminum foil	Solid	Polar piece manufacturing				560.6	Recycled by recycling enterprises
9	Used copper foil	Copper foil		Coiling process				692.47	
10	Used diaphragm	Diaphragm		3					
11	Office and daily waste	Daily waste		Office and daily life				20	

### E2.11 Reduction of Greenhouse Gas Emissions:

In 2021, Gotion High-Tech continued to take measures to reduce carbon emissions, including carrying out solar photovoltaic projects, lean improvement and equipment upgrading, which achieved a total of 43,745 tons of carbon dioxide emissions reduction. In 2021, the Company emitted a total of 1,134,680 tons of carbon dioxide, reducing 27,869 tons compared to 2020.

Table E2.11 Carbon Dioxide Emissions and Emission Reductions in 2021

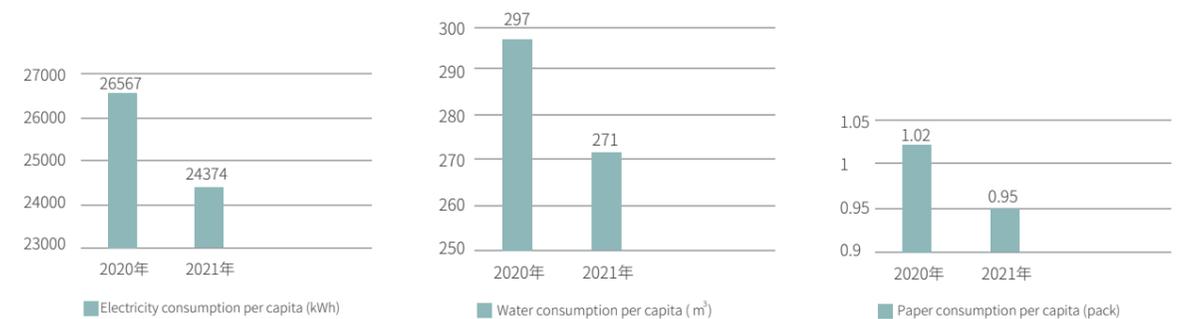
CO2 Emissions in 2020	CO2 Emissions Increase from New Projects	Measures to Reduce Emissions			CO2 Emissions in 2021
		Photovoltaic Projects	Lean Improvement	Equipment Upgrading	
1,162,549 tons	Liuzhou Gotion: 14,368 tons Jiangxi Gotion: 1,562 tons	Reducing emissions of 8,000 tons	Automatically switch on and off of cooling tower blower: 443 tons of emission reduction Upgrading of heat dissipation of air compressor: 2,779 tons of emission reduction Baking process optimization: 54 tons of emission reduction	Heat recovery technology: 12,832 tons of emission reduction Energy-saving dehumidification upgrading: 12,304 tons of emission reduction Logistics space optimization: 4,854 tons of emission reduction Equipment configuration optimization: 2,533 tons of emission reduction	1,134,680 tons

### E3.2 Green Office Performance

- Office electricity consumption: 70.06 million kWh in 2020, 85.31 million kWh in 2021;
- Office water consumption: 780,000 m<sup>3</sup> in 2020 and 930,000 m<sup>3</sup> in 2021;
- Office paper consumption: 2,680 packs of A4 paper in 2020 and 3,312 packs of A4 paper in 2021.

The above statistics are summarized in the Hefei offices of the Company. The number of people involved in 2021 is 3,500, the electricity consumption per capita is 24,374 kWh, the water consumption per capita is 271 m<sup>3</sup> and the paper consumption per capita is 0.95 packs; the number of people involved in 2020 is 2,637, the electricity consumption per capita is 26,567 kWh, the water consumption per capita is 297 m<sup>3</sup> and the paper consumption per capita is 1.02 packs.

Table E3.2 Electricity, Water and Paper Consumption Per Capita in Hefei 2021



## E3 Protecting Ecological Environment to Build a Beautiful Homeland

This chapter mainly includes promoting green office, ecological protection and environmental protection public activities.

### E3.1 Measures for Green Office

To save and achieve high-efficient use of resources and energy, the administration department of the Company has formulated the Integrated Regulations on Property Management under the principles of energy and resource conservation, environmental protection and high efficiency in production, and has set standards for water, electricity, gas and paper consumption in all production bases and offices and established relevant review and supervision systems. The Company also encourages work communication via videos and phone calls to reduce business travel, which can further reduce energy consumption and business costs. In addition, the Company has reduced energy consumption through technological improvement projects, application of transportation equipment driven by clean energy and effective maintenance of manufacturing equipment and facilities.

Provisions related to water, electricity and gas management in the Integrated Regulations on Property Management:

- Employees shall close the water valve when finishing using to avoid leaving the water running;
- Adopt natural light in the office and turn on fewer lights. Remember to turn off the light when leaving offices, conference rooms and other places. Only turn on computers, printers and other office equipment when needed;
- Use air conditioners at proper times. Avoid using air conditioners in normal weather of spring and autumn. Set a strict temperature limitation in winter and summer (10-26°C in winter, 15-26°C in summer). Encourage employees to turn off the air conditioners half an hour in advance before getting off work. Strictly avoid turning on air conditioners when no one is in the room.
- Designated personnel from manufacturing departments and warehouses shall turn off all lights, air conditioners, electric fans and blowers in time after all other personnel have left.

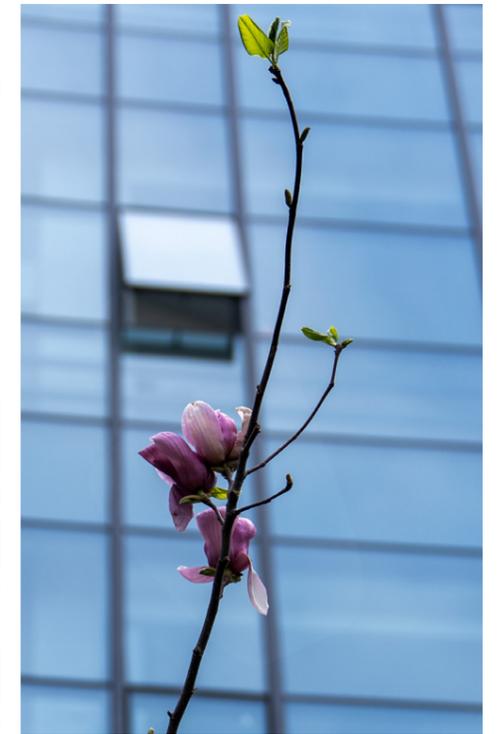
### E3.3 Biodiversity Conservation

During the manufacturing and operation, Gotion High-Tech always adheres to the integration of development with ecological protection and saving social resources and insists on green and sustainable development. The Company joined Anhui Provincial Environmental Protection Federation, became the vice-president unit in it and was awarded "Anhui Environmental Protection Credit Enterprise" by the Department of Ecology and Environment of Anhui Province, "Green Development Model Enterprise of the Year" by China Green Development Alliance and China Environment News, and won the title of governing unit. The Company was also honored by the Ministry of Industry and Information Technology and Anhui Provincial Economic and Information Department as "National Green Factory" and "Anhui Green Factory".

In the industrial park of Hefei Xinzhan Hi-tech Industry Development Zone, ducks are playing while fish are swimming in the pond. Water is flowing in the pond of the south gate, where people and nature are in harmony. Headquartered in Baohe District, Hefei, the base of Gotion High-Tech is far from the hustle and bustle of modern life. It is located in a quiet place surrounded by running water and lush plants. The building is constructed in round and square shapes, reflecting the harmony and unity between people and nature. Trees and lawns in the base are taken care of by designated personnel every day and trimmed and watered regularly, attracting birds such as Eurasian hoopoes, magpies and pigeons to settle in.

### E3.4 Ecological Restoration and Management

According to landscaping projects, the Company has effectively prevented and avoided damage to the ecological environment and negative impact on the surroundings. The Company has strengthened the beautification of the ecological environment of the base and industrial sites to slow down soil erosion. Roads in the base were hardened and flowers and trees, adaptive to the environment were planted to increase the greening rate. Through the ecological restoration, the area of shrubs, woods and grasslands in and out of the base has greatly increased and the ecosystem becomes more stable.



## S Social

In 2021, the new energy industry was booming. Gotion High-Tech is always talent-oriented, proactive in shouldering social responsibility, and strives to achieve common prosperity as an important goal of development.

As the root of our development, talented employees always play a key role. They are the ones making our future better. The Company insists on giving full play to our talent and helping them find the right position so that all talent can play their roles in the development of Gotion High-Tech. The Company also improves its hardware and software to provide innovative platforms for all talent.

With the internationalization process of the Company, the talent service system in Gotion is also constantly required to be adapted to the international demand. Therefore, the Company has provided more opportunities for employees by making innovations and adjustments in the management system, employee benefits, training system and promotion channels.

Aiming at absolute perfection is the corporate culture and the strength of Gotion High-Tech's growth. Committed to the tradition of making our country prosperous and helping people live a happy life, Gotion High-Tech is always ready to give a helping hand to our country and people. No matter facing the pandemic, floods or daily difficulties, the Company and our employees spare no efforts to help, reflecting the sense of responsibility for the people and society and patriotism in overcoming hardships for the country.



## S1 Strengthening Compliance Management to Safeguard the Bottom Line of Risk

### S1.1 Legal Compliance System Construction

In 2021, the Company implemented all laws and regulations in a strict manner, actively improved the relevant law-abiding and compliance systems, established and improved the risk prevention mechanism, internal control mechanism under the guidelines of our Shareholders' Meeting, Board of Directors, Board of Supervisors, and the Management, to ensure timely and effective supervision and legal production and operation of Gotion High-Tech.

In August 2021, Gotion High-Tech set up compliance departments and appointed a chief officer of the department to establish and improve the compliance management system of the Company and participated in the development of many compliance systems, including Administrative Measures for Reporting Malpractice to Gotion High-Tech, Management Measures for Background Investigation of Candidates, Code of Conduct in Gotion High-Tech, Management Measures for External Gifts and Guests Entertaining, Management Measures for Handling Interest Conflict and Management Measures for Information Security.

With the gradual promotion of the law-abiding and compliance systems, the Company has a more complete legal compliance system.

### S1.2 Legal Compliance System Training

In 2021, the compliance department of the Company organized 11 training sessions to enhance law-abiding awareness and popularize the compliance knowledge to employees, with a total of 622 person-times getting trained and the training time reaching 23 hours. Among all the training, there were four special training sessions on compliance basic knowledge for various departments, including Financial Departments (including subsidiaries'), Human Resources Departments (including subsidiaries'), Quality Department, Administration Department, Legal Affairs Department and Mass Project Teams. In addition, there were also three special training sessions for new employees and Young Cadres Camps and four training sessions for other internal employees, which all had good effects.



Compliance Training Site

### S1.3 Annual Tax Payments

In 2021, Gotion High-Tech actively contributed to the national taxation and local economic development. The Company paid taxes and fees in accordance with the law, reaching a total of RMB 230 million, which made positive contributions to supporting local financial revenue and promoting local economic and social development.

### S1.4 Participate in Comprehensive Deepening of Reform and Opening-up

In 2021, with the prosperous development of the new energy industry, the Company, taking management reform as the core, has seized the opportunity to achieve innovations and reform in a scientific and proactive manner, striven hard to establish a world-class management system and deepened the reform comprehensively.

During the reporting period, the Company has re-arranged our internal organization and operation mechanism, continuously improved the organizing functions, adjusted the organizational structure, and established a more efficient organization and coordination model. Meanwhile, the Company has offered diversified incentive measures and effectively promoted various policies and measures, including equity incentives and compensation reform.

In addition, the strategic investment of Volkswagen China has been implemented. Our industrial cooperation has been realized by targeted capital increase and share expansion, which further promoted the internationalization reform of Gotion High-Tech.

## S2 Respecting Talent and Knowledge to Seize the Opportunity of Technological Advancement

### S2.1 Employee Structure

Gotion High-Tech has created jobs through efficient and stable development, continuous industrial expansion and channels such as active market expansion, full operations and scientific production. In 2021, the Company provided 5,096 new jobs for society.

By the end of 2021, the Company had a total of 11,410 employees, including 3,353 female employees, accounting for 29.39%; There are 551 minority employees registered in the headquarters, accounting for 4.83%.

Table S2.1: Personnel of Gotion High-Tech in 2021

	Category	Number of People	Percentage
Company personnel in 2021 (1)	Total number of personnel in 2021	11410	
	Male employees	8057	70.61%
	Female employees	3353	29.39%
	R&D technicians	3598	31.53%
	Minorities	551	4.83%
Company personnel in 2021 (2)	Managers and above	548	4.80%
	Minority leaders	5	0.91%
	Female managers and above	87	15.88%

Table S2.2: Comparison of the total number of employees and R&D technicians in 2020-2021(Unit: people)

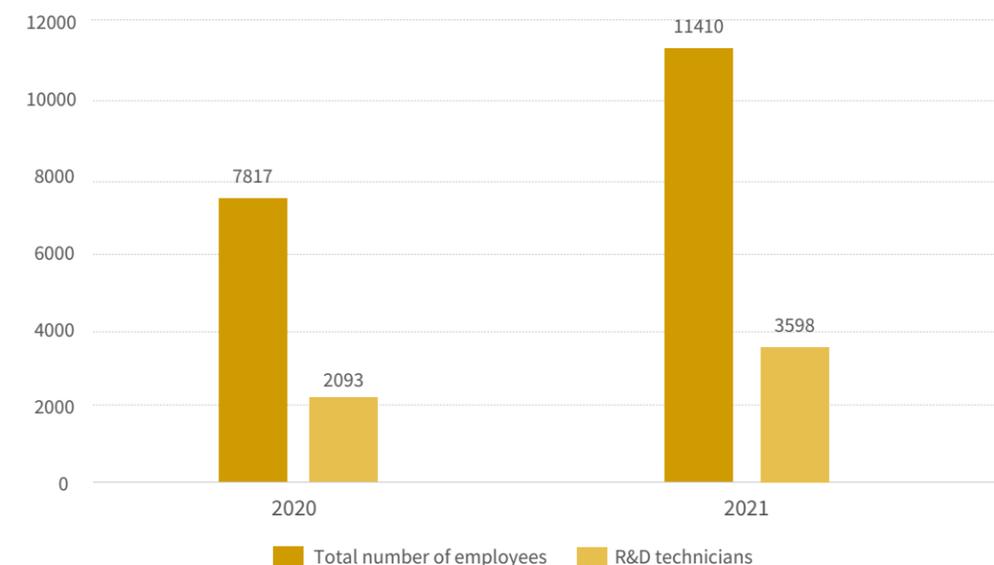


Table S2.3: Entry of Gotion High-Tech in 2021

Category	Number of People	Percentage
Number of recruits in 2021	5107	
Number of fresh graduates	556	10.89%
Number of social recruits	4551	89.11%

## S2.2 Fair Employment

In order to guarantee the equal employment rights of workers, Gotion implements a recruitment form that is open to society, publishes recruitment information to the society, allows all those who meet the recruitment requirements to submit resumes, and gives job seekers equal opportunities to compete, regardless of nationality, household registration, gender and religious beliefs. Candidates who have passed the resume screening will be interviewed on the spot, comprehensively assessed and selected.

During the reporting period, the Company employed 51 people with disabilities, accounting for 0.45% of the total number, mainly distributed in production departments, in line with relevant national laws.

## S2.3 Signing of Labor Contract

The company strictly abides by labor laws and regulations, signs labor contracts with employees and pays all kinds of social insurance for employees according to law. By the end of 2021, the contract signing rate of employees has reached 100%, and the coverage rate of social insurance and housing fund for regular employees has reached 100%.

## S2.4 Democratic Management

### Democratic Management System

According to the Company Law, Labor Law, Labour Contract Law and other regulations, the Company conducts democratic management in various ways, such as workers' congress, publicity of company affairs, employee directors, employee supervisors, and employee democratic life management committee. In particular, we are vigorously carrying out the standardization construction through the system such as the workers' congress and publicity of company affairs, the construction of rationalized suggestions for employees through the employee life committee and visits to the grassroots, etc., and the protection of the trade union's interest to safeguard rights according to the law.

### Democratic Management of Positions

According to the Company's Leader Management System, the selection of leaders is divided into two forms: organizational nomination and open competition, and the appointment documents are publicized to all employees in the Company's internal system.

### Equal Participation of Females in Management

This year, the Company adopted practical measures to fully guarantee the participation of female employees in R&D, production and management, among which the number of female managers and above reached 87, accounting for 15.89%.

### Labor Union Participation Ratio

The company strictly abides by the provisions of the Trade Union Law and the Constitution of the Chinese Trade Union, establishes trade unions according to law, respects the autonomy of trade unions, and the proportion of trade union members is 100% throughout the year.

### Employee Appeal Protection

Through trade unions, legal departments, compliance departments, employee relations departments and other counterpart departments, the Company timely accepts and handles all kinds of complaints from employees by various means such as email, phone calls and WeChat, widely adopts their advice and suggestions, listens to their ideas, and quickly solves problems for them.

## S2.5 Protection of Rights and Interests

### Institutional Protection of Rights and Interests

The published company employee handbook prohibits forced labor and disciplinary measures, including: "The company shall not force employees to work, and shall not require employees to pay a deposit or deposit identity documents at the time of employment. The company shall not engage in or support corporal punishment, mental or physical coercion and verbal insults."

### Employee Privacy Management

During the reporting period, the Company continued to strengthen employee privacy management, and strictly implemented and promoted labor and employment privacy protection systems such as recruitment and employment information confidentiality system, employee personal identity file confidentiality system, and personal remuneration package confidentiality system.as recruitment and employment information confidentiality system, employee personal identity file confidentiality system, and personal remuneration package confidentiality system.

## S2.6 Diversity and Equal Opportunity

In order to guarantee the equal employment rights of workers, Gotion implements a recruitment form that is open to society, publishes recruitment information to the society, allows all those who meet the recruitment requirements to submit resumes, and gives job seekers equal opportunities to compete, regardless of nationality, household registration, gender and religious beliefs. Candidates who have passed the resume screening will be interviewed on the spot, comprehensively assessed and selected through merits.

The company strives to create a good and diversified working environment and accepts employees of different races, nationalities and genders with the concept of tolerance and pluralism, so as to continuously promote the innovation and development of the Company.

## S2.7 Salary and Benefits

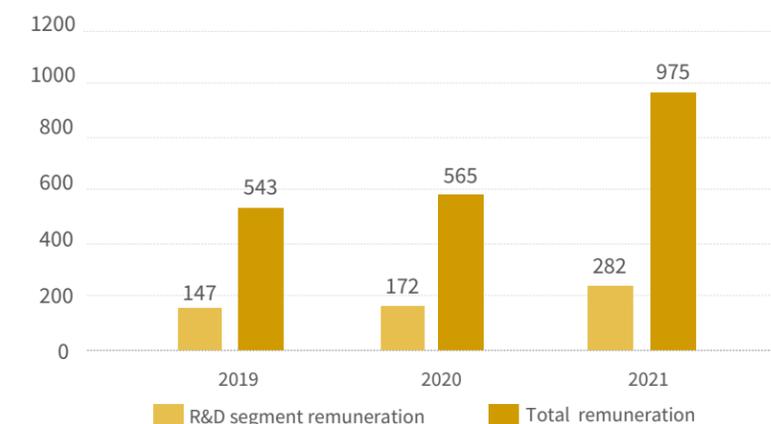
### Coverage of Social Insurance

This year, the Company continued to implement the unified and standardized "social insurance and housing fund" system, and constantly improved the multi-level, three-dimensional and all-round employee insurance system. The annual social insurance coverage rate reached 100%, which effectively improved the living security level of all employees.

### Salary Guarantee

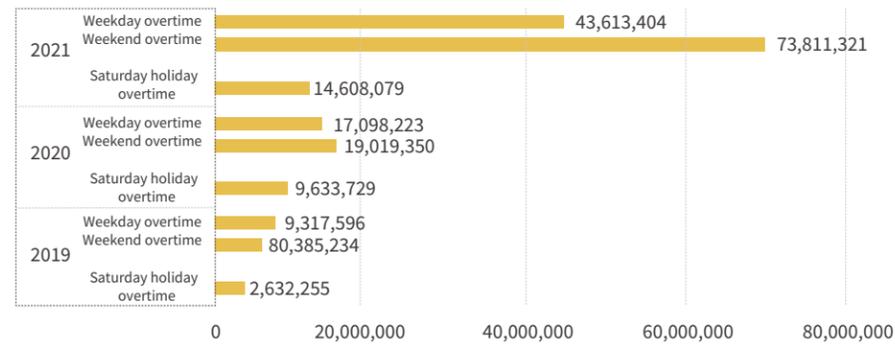
During the reporting period, the Company adhered to the idea of being "talent-oriented", provided employees with competitive salaries in the industry, and insisted on equal pay for equal work to ensure their legitimate income.

Table S2.7.1: Total Salary and Structure in 2019-2021(Unit: million yuan)



With the expansion of the Company's scale, the increase in output and the improvement of employees' remuneration, the phenomenon of overtime working on weekdays, weekends and public holidays, by employees in the front line of production has greatly increased compared with the past. In strict accordance with the relevant provisions of the state, the Company pays remuneration to employees who exceed the statutory working hours.

Table S2.7.2: Overtime Wage Payments in 2019-2021(Unit: RMB)



### Equity Incentives

The company pays attention to establishing the benefit-sharing mechanism between employees and the Company. During the reporting period, the Company organized and implemented the second session of the employee stock ownership plan and the 2021 stock option incentive plan, with a total incentive number of more than 1,100 people, accounting for about 10% of the Company's employees, which included directors, supervisors, senior management personnel and core technical (business) personnel. This effectively mobilizes the enthusiasm of the Company's management and employees, attracts and retains outstanding R&D talents, managers and business backbones, improves its cohesion and competitiveness, and ensures the sustainable and healthy development of the Company.

S2.7 table 1: Existing Equity Incentives as of the End of the Reporting Period

Date of incentive plan first disclosure	Project	Incentive target	Incentive number	Incentive scale (share)	price (RMB/ per share)	Implementation progress
2018.12.8	The Second Session of Employee Stock Ownership Plan	Company directors (excluding independent directors), senior management personnel, and core backbone employees or employees in key positions who have made outstanding contributions to the development of the Company (including subsidiaries) as recognized by the Board of Directors.	No more than 300 persons	12,617,876	6.35	The transfer was completed in November 2019 and is existing at present.
2021.8.28	The Third Session of Employee Stock Ownership Plan	Company directors (excluding independent directors), supervisors, senior management personnel, and core backbone employees or employees in key positions who have made outstanding contributions to the development of the Company (including subsidiaries) as recognized by the Board of Directors.	No more than 110 persons	3,133,684	12.70	As of the end of the reporting period, the transfer has not been completed.
2021.8.28	Stock Option Incentive Plan 2021	Company directors, senior management personnel, core technical (business) personnel working in the Company (including subsidiaries) and other personnel that the Board of Directors deems necessary to motivate. It does not include independent directors, supervisors, shareholders or actual controllers holding more than 5% of shares individually or collectively, and their spouses, parents, and children.	1,063 persons	29,980,000	39.30	Grant registration was completed in November 2021.

### Coverage of Welfare System

This year, the Company continues to devote itself to providing all employees with sufficient and generous benefits to improve their quality of life. The company not only sets up a special remuneration committee, but also hires a group of experts and an international consulting agency to develop a formal, transparent, performance-based remuneration policy system suitable for all employees, so as to continuously improve the benefits for employees.

In order to ensure that employees can work with peace of mind and enhance their sense of belonging to the enterprise, the Company has established and improved various employee welfare systems, providing employees with welfare items such as working meals, accommodation, transportation shuttle bus, birthday gift coupons, holiday rewards and gifts, red envelop for wedding and childbirth, NEV purchase subsidy, group tour and team building activities, etc.

In addition, in 2021, all subsidiaries also actively improve employee welfare. For example, Gotion Battery Company in Lujiang starts film screenings in January 2021, provides free snacks and drinks on the spot, and organizes employees to write post-film reviews and screen excellent film reviews for rewards; arranges an entertainment area in the staff dormitory, and sets up an electronic reading room and a game room; implements humanistic care and provide one-hour lactating leave every day for the lactating employees.



NEVs Campaign for Employees



Organizing Princess Cool Band Activity on Women's Day



Regular group birthday parties for employees



Mid-year Inter-departmental Team Building Trip to Huangshan

## S2.8 Occupational Health and Safety

### Occupational Health and Safety Management System

The company has established a special committee dedicated to promoting occupational health and safety and ensuring that the interests of employees are guaranteed. This year, the Company collects opinions and suggestions from employees on food, clothing, housing and transportation, working environment, labor protection, etc. at any time through the employee engagement organization, holds meetings from time to time, and the trade union coordinates resources to carry out closed-loop management.

### Coverage of Health Examination and Health File

During the reporting period, the Company continued to actively carry out various occupational disease prevention propaganda and health examination, and regularly carried out physical examinations for employees according to the system, among which 3,128 people were involved in the occupational health physical examination, and all the employees under examination established health files.

### No New Cases of Occupational Diseases

During the reporting period, no case of occupational diseases was found in the Company.

### Guarantee of Work Environment and Conditions

During the reporting period, the Company continuously improved the working environment of employees, strictly investigated various hidden dangers, and effectively protected the working conditions of employees. In the face of the COVID-19 epidemic, the Company carried out comprehensive disinfection in public areas and prepared sufficient disinfection products to ensure the hygiene and safety of every employee in the office.

### Measures for Mental Health

During the reporting period, the Company's trade union organized five professional mental health consultation services to provide such services to employees and relieve their work and life pressure.

## S2.9 Employee Development

### Training System

During the reporting period, the Company continued to attach great importance to the learning and development of all employees. Through specialized institutions such as Gotion School, it systematically and scientifically carried out various training and education for employees at all levels, improved their knowledge and skills, and trained core management talents, thus realizing the growth of organizational ability.

In 2021, Gotion Academy revised and improved the Qualification Management System of Gotion High-Tech, and further established a multi-channel career development system for employees. It also revised the Training Management System of Gotion High-Tech, Training Funds Management Measures of Gotion High-Tech, Tutorial System Management Measures of Gotion Hi-Tech and Curriculum Development Management Measures of Gotion Hi-Tech, and formulated a series of implementation rules such as Textbook Compilation Management Measures of Gotion Hi-Tech, with "selecting people as the leading factor, employing people as the support, educating people as the means and retaining people as the purpose" to enhance the service and support functions for personnel training in various departments of the Company.

### Annual Training Performance

During the reporting period, the training led and organized by Gotion Academy included: reserve cadre training, newcomer training, lean training, production training, R&D training, technical training, international training, etc. A total of 433 first-level training activities were held, with 30,102 participants and 84,477 total training hours for all participants. Among them, a series of measures to promote employees' personal growth, such as business English special training, have been added based on job needs, and the two-way training is planned for the first time—Göttingen Project (Chinese-German employees).

Table S2.9.1: Annual Training Performance of Gotion

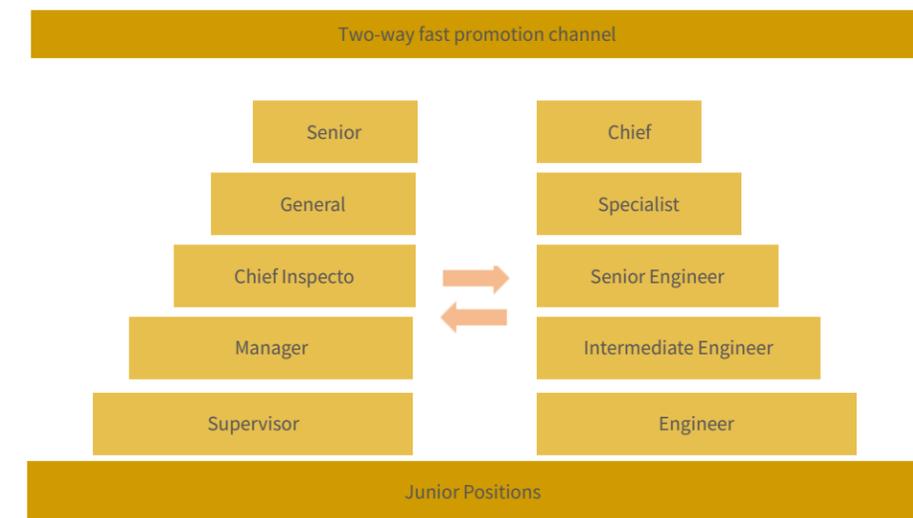
Category	Training Sessions	Training Hours	Number of People Engaged	Training Hours for All Participants
Gotion School Training Project	433	1078	30,102	84,477
Secondary Unit Training Project	1965	2325.4	52,799	80,552.1
Total	2398	3403.4	82,901	165,029.1

### Planning and Construction of Career Development Channel

In order to stimulate employees to improve their working ability and promote the common development of employees and enterprises, the Company opens up career promotion channels for employees.

By December 2021, 185 personnel had been promoted internally, increasing 52% year-on-year.

Table S2.9.2: Career Development Channel



### Training Outputs

#### 1. Reserve Cadre Training — Training Camp for Young Cadres

During the reporting period, Gotion Academy has trained four sessions students in training camp consecutively, with 174 students at present. Students are rooted in the Company's eight overseas R&D centers, 12 production bases and subsidiaries, serving as the backbone of business lines, team managers and leaders. In December 2021, Training Camp for Young Cadres Project won the award of "Best Outstanding Young Talent Project" of the Chinese Cooperate University Benchmarking Learning Platform.

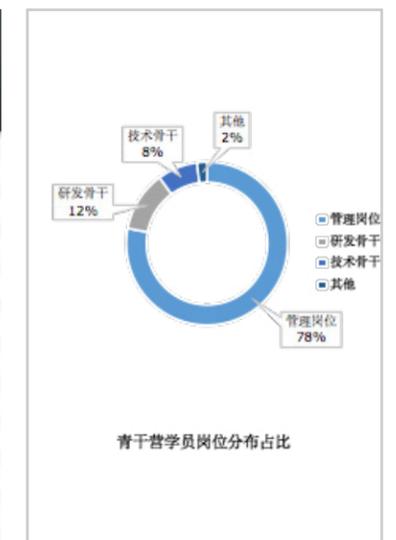
#### 2. R&D Training — Engineer Training Camp

During the reporting period, the engineer training camp, as a representative project of R&D training, covered about 150 engineers (including online training) in the technical center and subsidiaries in Hefei, Hefei Economic and Technological Development Area, Qingdao, Liuzhou and Nanjing. It lasted for 7 months, with a total of 6 sessions and 16 topics, implemented innovative comprehensive evaluation, embedded the "re-testing technology" into the evaluation, produced 25 internal trainers within one year, developed and formulated 30 development courses and 50 action plans, and built the "post skill matrix-personnel skill evaluation list-standardized curriculum system" for engineers, and explored thoroughly for a new mode of training engineers.

This year, Gotion School organized various activities, such as various training programs, evaluation of excellent internal trainers, company's knowledge and culture competition, and selected 142 excellent students and 19 outstanding awards.



Structure of Gotion's Training Camp for Young Cadres



The Award for "Best Outstanding Young Talent Project"

## S2.10 Work-Life Balance

During the reporting period, the Company continued to pay great attention to the balance between employees' work and life, fully considered the cultural and psychological needs of different groups of people, and created a diversified working environment by carrying out various energetic cultural, sports and recreational activities, fully creating a positive, united and enterprising atmosphere, strengthening the recognition and sense of belonging of employees and their families, and realizing the wish that work happily and live healthily.



Gotion "Red May" Trailwalk Competition, attracting more than 400 participants



Gotion (Tangshan) & BCM (Tangshan) Badminton Friendship Match to celebrate Mid-Autumn Festival & National Day



Global Business Department carries out activities on Christmas Day and New Year's Day



Activities at the Gotion Beer and Food Festival in Liuzhou



Gotion (Tangshan) Rope Skipping Games on International Women's Day



The 10th "Challenge Cup" Basketball League and the 4th for the General Engineering Research Institute of Gotion High-Tech attracted more than 200 participants



Comfortable lounge area at the Baohe headquarters base



Our lush green campus

## S2.11 Assistance for Employees with Financial Difficulties

During the reporting period, according to the general policy of caring for employees, the Company made full use of the "Gotion High-Tech Assistance Fund for Employees with Difficulties" established within it, provided timely assistance to employees with difficulties, and disease treatment and assistance to employees with difficulties timely, thus solving the worries of some employees.

By the end of 2021, the fund has provided targeted assistance to 22 employees, with a total investment of RMB 262,523.3, which greatly enhanced the employees' sense of pride and happiness, and gave precise assistance to the employees in need. A total of 61 employees in difficulty were given RMB 1,000 each in cash assistance, totaling RMB 61,000.

Moreover, the subsidiaries also visit the employees in their homes at the right time to give care to the employees suffering from various diseases, injuries and difficulties. In February, Nanjing Gotion counted employees in difficulty and gave a total of RMB 2,400 solatium. Gotion (Nantong) helped 91 poor employees of the subsidiary in the whole year, with an expenditure of RMB 84,800.

Table S2.11 Assistance of Employees with Financial Difficulties

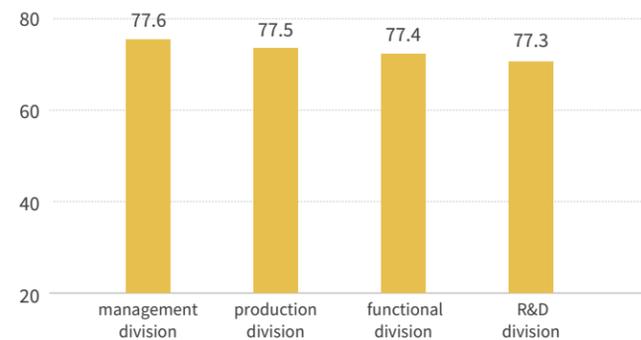
1	Jiang **	27,713.80	The Seventh Batch	The employee's wife had a brain tumor with a self-paid expense of RMB 57,999.6.
2	Wu **	12,999.00		Chronic kidney disease, kidney transplant (kidney source is the father), with a self-paid expense of RMB 16,849.
3	Meng **	2,091.50		The employee's mother had a brain tumor, with a self-paid expense of RMB 20,349.
4	Cheng **	10,119.00		The employee's father suffered from esophageal cancer with a self-paid expense of RMB 23,668 for inpatient treatment.
5	Wang **	12,100.00	The Eighth Batch	The employee's father died of liver cancer with a self-paid expense of RMB 60,142.02 for the treatment.
6	Zhou **	15,000.00		The employee's mother suffered from a malignant tumor with a self-paid expense of RMB 83,096.07.
7	Yin **	15,000.00		The employee's father received coronary bypass surgery with a self-paid expense of RMB 67,466.91.
8	Song **	15,000.00		The employee's father had a cerebral hemorrhage and is living in a coma with a self-paid expense of RMB 170,692
9	Wang **	15,000.00	The Ninth Batch	The employee's father had a brain tumor and received a craniotomy with a self-paid expense of RMB 68,000
10	Zhen **	11,000.00		The employee's child is premature and suffers from septicemia with a self-paid expense of RMB 28,787.05
11	Ma **	14,500.00		The Eighth Batch
12	Wang **	8,000.00		The employee's father suffered an accident resulting in a severe brain contusion with a self-paid expense of RMB 27,707
13	Li **	14,700.00	The Ninth Batch	The employee's mother has terminal colon cancer with a self-paid expense of RMB 34,557.47
14	Shi **	5,900.00		The employee's mother suffered from ALS and died in April with a self-paid expense of RMB 21,596.7
15	Geng **	7,100.00		The employee's father had an intestinal obstruction and intestinal knot and needs surgery with a self-paid expense of RMB 18,552.82
16	Chen **	15,000.00		The employee's mother suffered from a malignant breast tumor with a self-paid expense of RMB 73,102.81
17	Yao **	26,000.00	The Ninth Batch	The employee's son has depression with a self-paid expense of RMB 75,351.93
18	Luo **	4,400.00		The employee's mother had a cerebral hemorrhage with a self-paid expense of RMB 106,277.29
19	Tao **	7,500.00		The employee's father has terminal liver cancer and with a self-paid expense of RMB 23,636.71
20	Zhang **	3,400.00		25% facial burns caused by the alcohol explosion, self-paid 10,473.36 yuan
21	Wang **	12,000.00	The Ninth Batch	The employee's mother's post-operation of an intra-vertebral space-occupying lesion with a self-paid expense of RMB 59,101.47
22	Zhang **	8,000.00		The employee's father's metastatic adenocarcinoma within the left external superior femoral musculature with a self-paid expense of RMB 42,808w
Total		RMB 262,523.3		

### S2.12 Employee Satisfaction

The company attaches great importance to communication with employees. In 2021, it carried out an employee satisfaction survey covering the whole company, including all bases and subsidiaries, and the survey was conducted anonymously through "OA" and "Wenjuanxing (a platform providing functions equivalent to Amazon Mechanical Turk)", and finally 8,635 valid questionnaires were collected.

Among them, the questionnaire for the management is divided into four dimensions: business strategy, resources management, departmental cooperation and corporate culture, while the questionnaire for employees of R&D, functional and production departments are divided into different four dimensions: work return, working environment, department management and corporate culture. The whole questionnaire was scored by the hundred-mark system, and the overall satisfaction of the Company was 77 points. All the employees who participated in the questionnaire agreed with the Company's "corporate culture". There is an increasing trend of satisfaction in the dimensions of "work return", "working environment" and "department management" among production employees, functional employees and R&D employees. The management has the highest satisfaction with the "business strategy".

Table S2.12: Classified Display of Employee Satisfaction(Unit: point)



During the reporting period, the overall employee turnover rate was 8.92%, a 30% decrease from the previous year.

Note: Calculation method of turnover rate: total number of annual leavers / (total number of employees at the beginning of the year + total number of annual entrants)

## S3 Keeping in Mind Work Safety to Boost Sustainable Development

### S3.1 Safety Management System

In 2021, the Company adhered to the principle of "safety first, prevention first, comprehensive management". The whole company attached great importance to work safety, laid a solid foundation, refined responsibilities, strengthened on-site supervision and inspection, deepened the investigation and management of hidden dangers, continuously improved the essential safety level of enterprises, ensured the sustained and steady development of work safety, obtained the second-class certificate of standardization of work safety, established and improved the work safety responsibility system, and established a sound occupational health management system. In recent years, no major safety accidents have occurred in the Company, showing its good safety performance.

### S3.2 Safety Emergency Management Mechanism

Gotion High-Tech has prepared special emergency response plans to deal with emergent environmental incidents, and filed them with the local environmental protection authorities. The Company has continued to improve its emergency response process, conducted environmental emergency training and exercises, and strengthened the emergency response capability of employees, so that emergency incidents can be effectively controlled to reduce the harm to the environment.



Safety Drills in the Factory

### S3.3 Safety Education and Training

During the reporting period, Gotion High-Tech conducted more than 50 times of EHS training on work safety, fire prevention, occupational health and emergency rescue for new employees, trainees, in-service personnel and management personnel, and each branch regularly conducted emergency evacuation, fire prevention and other practical drills, with a cumulative training of more than 2,900 persons, and a passing rate of examination >96%, an increase of 1% over the previous year.



Safety Education and Training

### S3.4 Input of Work Safety

During the reporting period, the Company invested a total of RMB 4,057,200 in work safety to carry out various inspections, evaluations and standardization construction. It involves the purchase of fire-fighting equipment, explosion-proof cabinets, micro fire stations, etc.; training of special operators; annual lightning protection test and fire protection test; work safety training and consulting; purchase of labor protective equipment, occupational health examination for personnel, etc.

### S3.5 Work Safety Accidents

During the reporting period, the Company had 21 safety production accidents, down by 32% year-on-year; The injury rate for every 1,000 people is 2.15‰. No serious accidents or deaths have occurred this year, and the relevant indicators are in line with the corresponding national standards.

## S4 Promoting Kindness and Bearing Responsibility

### S4.1 Community Communication and Engagement

During the reporting period, the Company actively communicated with the surrounding communities. Gotion (Nantong) and Yujiaba Village Committee of Shizhong Town, Nantong City have carried out civilized co-construction activities. Focusing on the core work of the local town party committee and government, they closely cooperated, helped and interacted with each other, and followed the principles of voluntary equality, complementary advantages, mutual benefit and common progress. Through the co-construction of urban and rural areas, the Company has helped the town to cultivate rural customs, enrich cultural life, create a beautiful environment, and improve the quality of civilization of villagers and the town.

Since 2018, Gotion (Lujiang) has actively participated in the annual summer men's basketball league in Lujiang County every year, and won many awards. In recent years, it has also cooperated with the management committee of Lujiang High-tech Zone to carry out the annual special cultural performance for the enterprise.

During the COVID-19 epidemic, Gotion (Tangshan), serving itself as one of the nucleic acid testing sites, cooperated with the community epidemic prevention staff and on-site medical workers to provide services to the general community residents who came for nucleic acid testing.



Gotion (Nanjing) Provides Services for Community Epidemic Prevention



On-site photos of Nanjing Gotion's Volunteer Activities

### S4.2 Charity

#### Principles of Public Welfare

During the reporting period, the Company always insisted on promoting various public welfare undertakings, adhering to the principle of doing what one can and full participation, and regarded social charity activities as an important part of a virtuous cycle of operation and management, and devoting itself to sharing the fruits of its production and operation with all sectors of society sincerely through social welfare activities, so as to establish a good image of a responsible large listed enterprise.

During the reporting period, the Company donated a total of RMB 12.08 million to various charitable projects.

#### Volunteer Activities

During the reporting period, Gotion (Nantong) set up a volunteer service team with more than 150 volunteers. In 2021, more than ten activities were launched; Party members were organized to study the "CPC's History", and the propaganda of "100-day Action of 100 Enterprises" was organized, and activities such as demonstration and observation of online moral lecture of civilized practice in the new era, staff skill contest, voluntary weeding, factory cleaning, fire drill, epidemic prevention and control propaganda, caring for employees in difficulty and so on were carried out.

In addition, in March 2021, Nanjing Gotion organized employees to go to the Special Education School in Luhe District, Nanjing, to participate in volunteer service activities.

### Charitable Poverty Alleviation Initiatives

#### 1.The Headquarter in Hefei:

In July 2021, Henan Province was hit by a rare and continuous heavy rainfall, which caused significant losses, and Gotion High-Tech donated materials and money worth 10 million yuan to provide emergency assistance to Henan to help the people in the disaster area to overcome the difficulties.

Gotion High-Tech carried out a public assistance activity in August 2021, donating grants worth RMB 70,000 to Zhang Guihua from Yangmei Village, Qingyang County, Anhui Province and 21 college students with financial difficulties in Hefei Circular Economy Demonstration Park in Feidong County, and contributing money worth RMB 310,000 to Jinzhai County Hope Primary School.

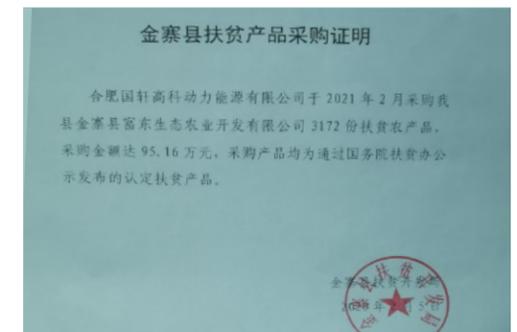
Gotion High-Tech conveyed greetings to 8,000 people who work in a high-temperature environment and provided them with heatstroke prevention and cooling products in summer. The activity lasted for four days.

The Company donated RMB 90,000 to Shenzhen-based One Foundation for post-disaster reconstruction and offering some winter necessities to children with financial difficulties.

It also purchased poverty alleviation agricultural products worth RMB 951,600 from Jinzhai County via the local poverty alleviation office.



Gotion High-Tech financially aids students with financial difficulties in Feidong County



Gotion High-Tech purchases poverty alleviation agricultural products from Jinzhai County

#### 2.Qingdao Gotion Battery Co., Ltd (Qingdao Gotion):

During the reporting period, Qingdao Gotion regularly organized employees to visit and convey greetings to poverty-stricken households and elderly people with no family, proactively assisted nearby poverty-stricken counties in targeted poverty alleviation and contributed RMB 70,000 to build roads for local poverty-stricken villages in these counties.

During the reporting period, Qingdao Gotion, in cooperation with relevant government departments, conducted poverty alleviation and employment in targeted poor areas in Gansu Province. It donated medical supplies and funds worth RMB 100,000 to Longnan City, and donated RMB 100,000 to Liangdang County, Gansu Province. It reserved 30 jobs for registered poverty-stricken households from Xixiu District, Anshun City, Guizhou Province and Liangdang County.

In July 2021, Qingdao Gotion organized staff to donate RMB 28,900 to assist Henan Province in flood prevention and relief.

To achieve the overall goal of "reaching a win-win situation in which villages and enterprises promote each other's development, Qingdao Gotion, based on the needs of peripheral industries, guided local villages to establish enterprises, utilized local land, labor and capital resources

to conduct industrial cooperation with surrounding enterprises, helping local villages determine development orientation. At the same time, in the name of the Secretary-General Unit of the Qingdao New Energy Vehicle Industry Association, Qingdao Gotion actively advocated all relevant enterprises to help high-quality agricultural industries in poverty-stricken areas with sustainable development by planning energy storage power plants, establishing charging piles and providing NEVs.



Qingdao Gotion financed the construction of rural roads



Qingdao Gotion financially aids Henan in fighting the flood

### 3. Hefei Gotion Battery Material Co., Ltd.

During the reporting period, Gotion Materials assisted five poverty-stricken households and five poverty-stricken villagers in Xiaodun Village according to the local county-wide poverty alleviation target.

### 4. Nanjing Gotion Battery Co., Ltd (Nanjing Gotion)

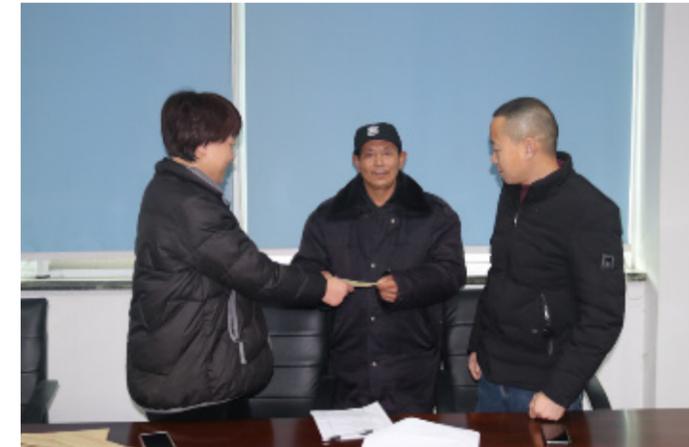
During the reporting period, Nanjing Gotion donated RMB 20,000 to the charity in Luhe District for poverty alleviation; participated in the Charity Week in Jiangsu Province and donated RMB 20,000 for rural revitalization and poverty alleviation; and gave rice, cooking oil and other products to Tiansu's sanitation workers who were holding their positions on the Laba Festival.



Nanjing Gotion conveyed greetings to the front-line sanitation workers

### 5. New Energy Technology Co., Ltd. (Nantong Gotion)

During the reporting period, Nantong Gotion donated RMB 300,000 to a charity foundation. It donated books worth RMB 2,164 to the urban-rural twinning and civilization co-construction unit, namely, the Villagers' Committee of Yujiaba Village, Shizong Town, Nantong City. In addition, it gave assistance to the needy households in neighboring villages, helping 81 people in total, for a total of RMB 18,900.



Nantong Gotion conveyed greetings to the needy households

## S5 Celebration for the 100th Anniversary of the Founding of the Communist Party of China

To study CPC's history, understand its theories, do practical work and make new advances, on December 27, the Party Committee of the Company held a Centenary Celebration Party and CPC History Knowledge Contest & 2021 Annual Party Building Summary and Commendation Conference. Li Zhen, Secretary of the Party Committee and chairman of the Company, led more than 300 CPC members of the Company to attend the meeting. Nine teams participated in the knowledge contest, and 25 people were awarded the honor of excellent CPC members and exemplary vanguards. In addition, the Party Committee organized a hiking trail to the old revolutionary base area of Huoshan County and a visit to the revolutionary memorial hall for the Company's CPC members in Hefei.



CPC History Knowledge Contest

To deeply implement the spirit of the sixth plenary session of the 19th CPC Central Committee, understand the historical significance of the CPC's century-long struggle and inspire CPC members and colleagues to give full play to their exemplary and vanguard roles, the Party Branch of Qingdao Gotion visited red education bases including the Xiagezhuang Shuangshan Political and Moral Education Base and Weitian Defense War Memorial Hall in January 2022. In addition, Qingdao Gotion, together with the Party Branch of Lijiabo Village, Jiangshan Town, organized the Yangge Square Dance Performance & Gou Ji Card Game and Chess Competition to promote the comprehensive Party building and village-enterprise collaboration in the new year via cultural revitalization.



Hefei Gotion all party members took the collective oath



Visit and study in old revolutionary base areas



Company party organization structure adjustment



Visit to the Xiagezhuang Shuangshan Political and Moral Education Base



Participation in the Square Dance Performance



Tangshan Gotion's Education Activities on the Theme of "staying true to our founding mission"



Reciting the oath of party membership



Tangshan Gotion Battery Co., Ltd.(Tangshan Gotion) organized a visit to the revolutionary base in Xibaipo to commemorate the 100th anniversary of the founding of the Communist Party of China.

# G Governance

In 2021, Gotion High-Tech continued to practice its core values and cherish every investor, customer and partner in the value chain.

In the capital market, Gotion High-Tech attaches great importance to investors' interests and needs. It has established an explicit investment return mechanism. The Company also shares information with investors in a practical manner and enhances interaction with investors, striving to grow into a company with long-term investment value.

In terms of scientific research and products, Gotion High-Tech constantly pursues scientific and technological innovation breakthroughs. It increases investment in science and technology innovation, solidifies the R&D foundation, and expands the scientific research team to create itself into a competent "scientific and technological pacesetter." It keeps seeking "craftsmanship", pays attention to product quality improvement, and strives to provide the market with products of good quality and low price.

As for the customer cooperation system, Gotion High-Tech upholds integrity, maintains market order and fights against unfair competition. It actively maintains customer relations, protects customer privacy, continuously upgrades the service system and endeavors to improve the service quality.

While fulfilling its own social responsibility, Gotion High-Tech also puts forward specific requirements for its supplier partners to fulfill theirs. To this end, it has established regular communication mechanisms and implemented comprehensive supply chain fulfillment training to jointly build a high-quality supply chain system, promote industrial development and achieve a win-win situation with suppliers.



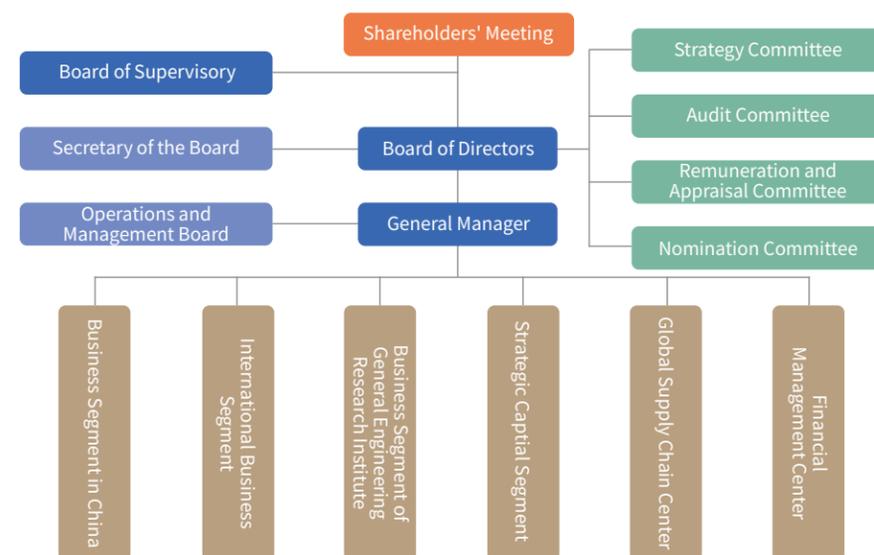
## G1 Safeguarding Shareholders' Rights and Interests and Creating Continuous Value

Gotion High-Tech attaches great importance to the protection of investors' rights and interests and actively establishes and perfects the investor rights and interests protection system. It strives to maintain the stability of share price, keeps its promise, establishes and perfects the investment return planning and mechanism, and shares the development achievements with shareholders. It pays full attention to the right to know and speak of investors, especially those for small and medium-sized investors, and responds timely to investors' concerns. It establishes communication and interaction mechanisms with investors through various channels and effectively protects the legitimate rights and interests of investors.

### G1.1 Standardizing Corporate Governance

Gotion High-Tech strictly complies with the provisions of the Corporate Law, the Securities Law, the Code of Corporate Governance of Listed Companies and other laws and regulations. It has established a scientific and reasonable organizational structure and formulated more than 30 corporate governance-related systems, such as the Articles of Association, the Rules of Procedure of the General Meeting of Shareholders, the Rules of Procedure of the Board of Directors, the Working Rules for General Manager, the Measures for the Management of Subsidiaries, and the Special System for Preventing the Appropriation of Funds by Controlling Shareholders and Related Parties. It continuously improves the corporate governance structure and ensures that various business activities are carried out according to related rules and regulations. Gotion High-Tech has established a reasonable, complete and effective management framework, with the Shareholders' Meeting, the Board of Directors, the Board of Supervisors and the Management having a clear separation of powers and responsibilities and mutual checks and balances. During the reporting period, the Board of Directors, the Board of Supervisors and the Management conscientiously performed their duties and continuously improved their governance capabilities to achieve high-quality development of the Company while creating sound added value for shareholders.

Figure G.1 Corporate Governance Structure



### G1.2 Improving Operation Mechanisms of the Shareholders' Meeting, the Board of Directors, and the Board of Supervisors

The Board of Directors consists of nine directors, including four independent directors; the Board of Supervisors consists of three supervisors, including one employee representative supervisor. In 2021, under the Rules of Procedure of the Board of Directors, the Rules of Procedure of the Board of Supervisors and the Rules of Procedure of the Shareholders' Meeting, the Board of Directors, the Board of Supervisors and the Shareholders' Meeting operated strictly in accordance with the relevant regulations. A total of six meetings of the Board of Directors, six meetings of the Board of Supervisors and five Shareholders' Meetings were held during the reporting period to deal with matters such as periodic reports, external investments, external guarantees and director election. The processes and resolutions of these meetings were all legal and valid.

The Company introduced a strategic investor, namely, Volkswagen Group China through private placement. It has completed the registration of the additional shares, which were listed on the Shenzhen Stock Exchange on December 15, 2021. Mr. Frank Engel and the other three directors recommended by Volkswagen Group China have been elected to the Company's board of directors and participated in corporate governance. In order to continuously improve the corporate governance structure of the Company, the Board of Directors of the Company, taking the actual needs into account, has increased the number of members of the Audit Committee, the Nomination Committee and the Remuneration and Appraisal Committee. As of the day on which the report was published, the member election and reorganization of the special committee had been completed.



The 8th meeting site of the Board of Directors of Gotion High-Tech

### G1.3 Maintaining Investor Relations, and Protecting the Interests of Small and Medium-sized Investors

In order to safeguard the legitimate rights and interests of investors, the Company has formulated the Information Disclosure Affairs Management System and Investor Relations Management System and designated the Secretary of the Board of Directors of the Company to be responsible for information disclosure work and investor relations management. The Company discloses relevant information matter-of-factly, accurately, completely and timely in strict accordance with relevant regulations. It actively interacts with investors and research institutions through diversified communication channels, listens to investors' opinions and suggestions on the Company's operations and development, and strives to promote investors' recognition of the Company's operations and future development strategies. It is committed to building and maintaining good relations with investors.

At the online meeting for 2020 sales performance held in May 2021, the Company's directors and senior management conducted direct and real-time exchange and communication with investors.

In 2021, the Company answered 710 investor inquiries on the Interactive Platform, received more than 2,000 calls from investors, and participated in nine external strategy sessions, seminars and reverse roadshows.

In 2021, the Company issued 202 provisional notices and four periodic reports without any error or omission.

Gotion High-Tech provides on-site and online voting options for the shareholders' meetings and protects the rights to know, make decisions on and supervise major matters of the Company of shareholders, especially small and medium-sized shareholders. When discussing significant matters related to the interests of small and medium-sized investors, the Company separately counts the votes of small and medium-sized investors to fully reflect their opinions.

### G1.4 Ensuring Shareholder Returns

The Companies entail the strong support of shareholders to promote their sustainable and healthy development. Therefore, the Company attaches great importance to the reasonable investment return of shareholders while pursuing its own development. The Company focuses on long-term and sustainable development. It has drawn up sustainable, stable and scientific investment return planning and mechanism for investors after taking into account its actual situation, development stage and strategic objectives. According to the Articles of Association and the Shareholder Return Plan for the Next Three Years (2020-2022), the Company has laid down the following basic profit distribution policies and principles: (1) the Company shall give full consideration to the return to investors and implement positive and stable profit distribution policies; (2) the Company's profit distribution policies shall be stable and sustainable while taking into account its own long-term interests and sustainable development and the overall interests of all shareholders; (3) the Company shall give priority to the profit distribution model of cash dividends. See Table G1 for details.

According to the comprehensive situation of the Company including profitability in 2021, fund demand for future development, industrial situation, and the return on investment of shareholders, the Board of Directors of the Company proposes a plan to distribute profits and convert capital reserve into share capital in 2021 by considering the reasonable investment return for investors and the sustainable development of the Company. The Plan is as follows: Based on the available profits of the parent company and the total share capital of 1,664,707,835 shares of the Company by the end of December 31, 2021, the Company will distribute cash dividends of RMB 1.0 (including tax) to all shareholders for every 10 shares, without bonus shares or converted capital increase.

In the future, the Company will, as always, attach importance to the return of investors in the form of cash dividends, strictly follow the relevant laws and regulations and the relevant provisions of the Articles of Association, take into account various factors related to profit distribution, and actively implement the profit distribution policies from the perspective of its development and the return of investors, sharing the fruits of its development with investors.

Table G2: Gotion High-Tech Cash Dividends on Common Stock (2018-2020)

Year	Profit Distribution Means (Tax Included)	Amount of Cash Dividends (Tax Included) (RMB)	Net Profit Attributable to Ordinary Shareholders of the Listed Company in the Consolidated Statement for the Year of Dividend Distribution (RMB)	Amount of Cash Dividends by Other Means (e.g. Share Repurchase) (RMB)	Proportion of Total Cash Dividends (Cash Dividends via Other Dividend Distribution Means Included) in the Net Profit Attributable to Ordinary Shareholders of the Listed Company in the Consolidated Statement
2020	No cash dividends, bonus shares, and conversion of capital reserve into share capital	0	149,673,020.43	0	0%
2019	No cash dividends, bonus shares, and conversion of capital reserve into share capital	0	51,253,825.33	23,266,277.64	45.39%
2018	Cash dividend of RMB 1 per 10 shares based on 1,120,899,259 shares	112,089,925.90	580,345,487.56	176,700,634.57	49.76%

### G1.5 Protecting Creditors' Rights and Interests

The Company keeps practicing the core values of "cherishing, pragmatism, integrity and innovation." It maintains good communication and cooperation with all creditors in its daily operations and pays its debts in strict accordance with the contracts signed with creditors, so as to reduce its own operational and financial risks and protect the legitimate rights and interests of creditors. During the reporting period, the Company paid off the principal and interest on all bonds of "18 Gotion High-Tech Green Bond 02" in advance, which reduced the Company's financial costs and enabled creditors to recover their funds ahead of time. During the reporting period, the credit rating assigned by the rating agency to the Company's "18 Gotion High-Tech Green Bond 01" stayed at "AA".

## G2 Strengthening Technological Innovation to Forge Excellent Quality

Scientific and technological innovation is the inexhaustible driving force for enterprises' development. Gotion High-Tech insists on improving its key technologies and core competencies via scientific and technological innovation. The Company has been building its hard power as a technology-based enterprise by increasing investment in R&D, promoting the sharing of think-tank platforms, respecting and protecting intellectual property rights, endorsing the transformation and application of scientific research results, and building smart factories. The Company continuously lays great emphasis on product quality and customer services. Seeing quality as the life of the enterprise and centering on customers, it carries forward the quality culture, establishes a strong awareness of quality first, implements the main responsibility for the quality, carries out quality improvement actions and strengthens all-round quality management.

### G2.1 Increasing R&D Investment to Cultivate Core Competencies

The Company focuses on R&D investment in power lithium batteries. It has further improved the R&D system of eight global research institutes to strengthen the R&D and verification of the whole life cycle system of batteries from the space and time dimensions. As a high-tech enterprise, Gotion High-Tech deems innovation as the permanent source of power for its development. The Company pays great attention to scientific and technological innovation and the transformation of scientific and technological achievements. It has continuously increased investment in scientific and technological R&D. In 2021, it invested RMB 1,166,627,258.59 in various scientific research projects, and set up a special fund to reward the winners of outstanding science and technology achievement awards, patent awards and monthly proposal improvement awards. By doing so, it expects to encourage scientific and technological R&D personnel to keep the R&D enthusiasm, improve their R&D capabilities, and bring better scientific and technological achievements.

Figure G3: Gotion High-Tech R&amp;D Investment over the Past Five Years (Unit: billion yuan)



### G2.2 Building a Scientific and Technological Innovation Platform

In order to support the national strategy and the high-quality development of Anhui, promote economic and social development and scientific and technological progress, Gotion High-Tech has cooperated with the University of Science and Technology of China, Hefei University of Technology and other well-known universities and research institutes. Taking advantage of their scientific research, achievement, talent and information resources, the Company carries out technological cooperation and development, joint talent training and achievement commercialization based on the innovative demand and development direction of new energy batteries, thus helping companies solve key technological problems in scientific research projects and achieving high-quality development.



Gotion High-Tech and the Institute of Advanced Technology, University of Science and Technology of China sign a cooperation agreement on technology development, joint talent training and other issues.

### G2.3 Respecting and Protecting Intellectual Property Rights

Since its establishment, the Company has always attached great importance to technological innovation and intellectual property protection. The Company has set up the Science and Technology Management Center, which is dedicated to the application and protection of intellectual property rights. For major products, core technologies, and future market planning, the Company submits portfolio patent materials in accordance with the Patent Cooperation Treaty (PCT) to gradually expand the Company's international patent layout. The patent technologies are mainly in the fields of battery cell auxiliary materials, BMS, battery PACK, battery testing and evaluation, battery dismantling and recycling, and energy storage, covering the whole industry chain of battery technologies. In addition to a large number of patent technologies in China, it also has patent technologies in Europe, America, Japan, and Korea, among other countries.

As of December 2021, Gotion High-Tech had applied for a total of 5,341 patents, including 2,451 invention patents (out of which 143 were foreign patents), 2,511 utility model patents, and 379 design patents. A total of 3,333 patents have been granted, including 810 invention patents (out of which 65 were foreign invention patents), 2,166 utility model patents, and 357 design patents.

Figure G4: Cumulative Number of Patents Having Been Applied for by Gotion High-Tech in the Past Five Years (Unit: item)

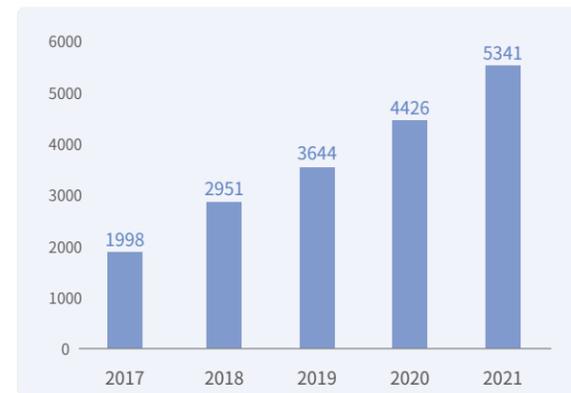


Figure G5: List of the Number of Invention Patents of Gotion High-Tech in the Past Five (Unit: item)

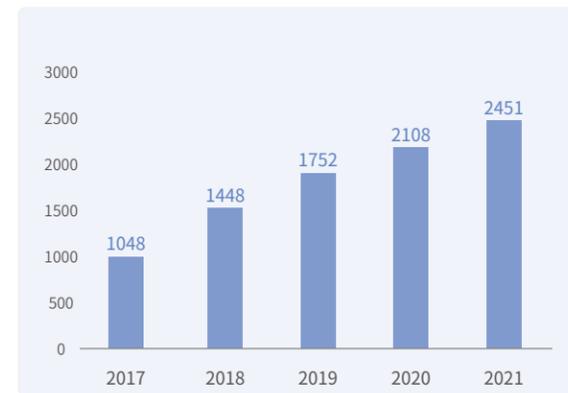


Figure G6: Number of Patents Granted by Gotion High-Tech in the Past Five Years (Unit: item)

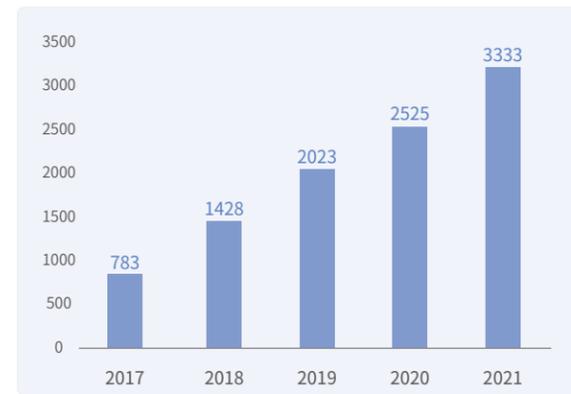
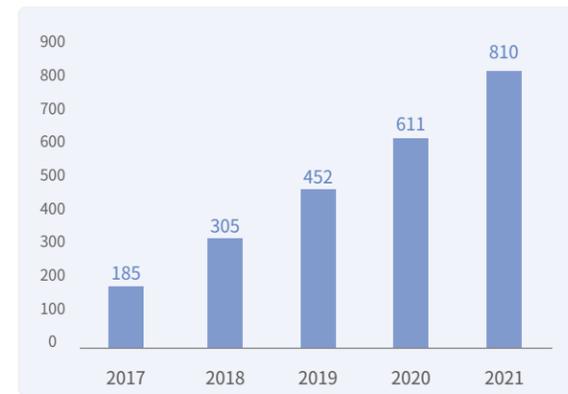


Figure G7: Number of Invention Patents Granted by Gotion High-Tech in the Past Five (Unit: item)



## G2.4 Promoting the Transformation and Application of Scientific Research Results

Hefei Gotion Science and Technology Association, as an important service support platform for the Company's scientific and technological talent, relies on the relevant departments of the Science and Technology Management Center and specializes in the management of scientific and technological affairs. It collects "golden ideas" and "golden seeds" in two innovative projects from all employees, aiming at leading the technological progress of the industry through new technologies, new processes, and new models and exploring new models of transformation of scientific and technological achievements and future product development planning. It also incubates and gives rewards to innovative projects that have core intellectual property rights and can create value. In 2021, the Company successfully held two "innovation and creation" project collection and selection activities and collected 13 excellent proposals from all employees. It established six projects, completed two projects, and successfully incubated two projects, gaining remarkable results in the transformation of scientific and technological achievements.



Acceptance Meeting of Major Projects

In the product design stage, Gotion High-Tech fully utilizes big data to explore the safety risks during the battery pack operation in advance and build a battery reliability database, thus accurately guiding the product design optimization and optimizing results in product design.

In 2021, Gotion High-Tech's R&D and integrated application project of high specific energy power lithium-ion battery was accepted.

## G2.5 Creating a "Smart Factory"

Adhering to innovative development, Gotion High-Tech vigorously pushes forward the digital transformation and intelligent upgrade of the industry and makes every effort to build a "smart factory" with artificial intelligence and industrial connectivity through the construction of the digital twin 3D platform. Thus, it improves the digital and monitoring intelligence level of on-site production operation and maintenance and realizes the functions of comprehensive perception of facility status, machine replacement of roaming operation, intelligent warning of facility risks, virtual-real interaction of on-site scenarios, and efficient business control processes, continuously improving the quality and efficiency of production site management and guaranteeing the safety and reliability of workshop production.



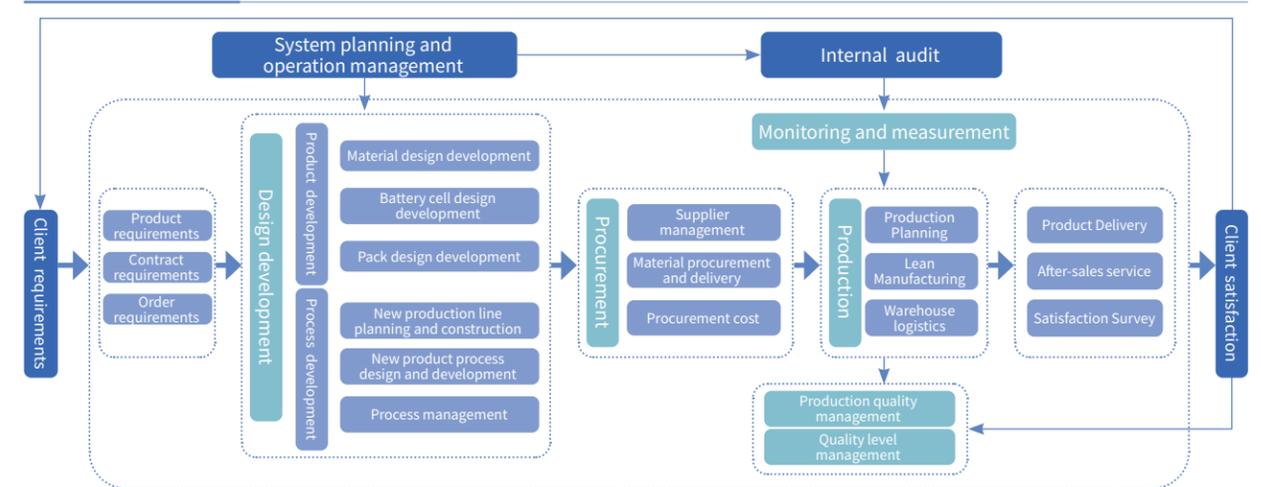
3D Visualization Project of Lithium Battery Production by Gotion High-Tech

## G2.6 Implementing Whole-Process Quality Control

The Company attaches great importance to the improvement of its quality management system. In 2021, the Quality Center focused on each core work process and built a team of system coordinators. It sorted out 24 first-level processes according to IATF16949, clarified process boundaries and interface rights and responsibilities, thus promoting the interactive implementation of processes and documents and implementing the quality management system construction in actual work. With the Plan-Do-Check-Act (PDCA) Cycle in the processes, it aims to achieve continuous improvements.

In order to go global, Gotion High-Tech continuously optimizes the control plans in five aspects: supplier quality management, design and development quality management, process quality management, customer quality management, and quality audit. It establishes product lifecycle quality control and all-around project quality management processes under the thinking of project management, so as to improve its quality control. During the implementation, it revised and added the measures such as Administrative Measures for Quality of Sample Pieces, Administrative Measures for Product Audit, Administrative Measures for Product Label Printing, and Administrative Measures for Battery Cell ORT in 2021 to provide a basis for quality management.

Figure G9 Core Workflow of the Quality Management System



## G2.7 Improving Quality Continuously

In response to the problems in quality management in 2021, Gotion High-Tech has taken a series of measures to strive to maximize product quality. As for supplier quality management, it improves the quality service awareness in the front end. In terms of top issues of supplier incoming material quality control, the Company has developed relevant inspection standards and continuous improvement mechanisms to improve supplier quality. As for customer quality guarantee, the Company has provided timely and comprehensive responses to various market failures and analyzed the problem development trends through accurate identification of customer complaints and improved customer-side indicator statistics in 2021. For quality audit, based on public audit mechanisms, the Company has established new supplier audit processes, focused on VDA6.3 analysis, and optimized product audit processes and methods, thus improving its audit mechanisms. In 2021, the drop in its product failure rate hit a new record in the last five years.

Figure G10: Comparison of Declines in Product Failure Rates in the Last Five Years



## G2.8 Building Quality Culture

Gotion High-Tech always gives priority to product quality. In order to improve the quality of product delivery, build up the quality culture of the Company, and assume corporate social responsibility (hereinafter referred to as "CSR"), Gotion High-Tech held the eighth Quality Month with the theme of "Leading the Domestic Industry, Developing International Business, and Quality Control by All Employees" in September 2021. During Quality Month, the business centers of R&D, procurement, technology, manufacturing, and after-sales service held special improvement activities around quality issues. Each subsidiary held special activities including knowledge contests, skill competitions, and practical exercises, so employees can continuously enhance their quality awareness during the activities. The Quality Month in 2021 has achieved the "full participation" of employees and laid the foundation for the realization of "quality control by all employees".



Poster of the Eighth Quality Month

## G3 Complying with Market Order to Enhance Customer Satisfaction

Always being customer-oriented, the Company opposes commercial corruption, insists on honest management, advocates fair trade, creates maximum value for customers with top products and perfect services, and achieves a win-win situation. The Company has established a perfect customer rights protection system and formulated customer management regulations and management measures in accordance with different customer groups. Also, it has innovated service contents, perfected service systems, and improved service levels through product knowledge promotion and popularization, customer information protection, sound after-sales service network, customer satisfaction improvement, and satisfactory solutions to customer complaints.

### G3.1 Promoting Anti-corruption and Integrity

In response to the anti-corruption and integrity work, Gotion High-Tech has gathered audit, law, and other related professionals to set up a compliance department and the position of "Chief Compliance Officer" in the organizational structure of the department. The compliance department and the supervision office are responsible for the implementation of Administrative Measures for Reporting Malpractice to Gotion High-Tech, Several Provisions on Career Probity in Gotion High-Tech, and Supervision and Management System formulated and issued by the Company. The Company has held 11 special training activities for finance, human resources, quality, administration, legal, and other departments on the regulations, with a total of 622 participants in the training and post-training assessment.

The senior management of the Company focuses on the anti-corruption work process and put forward the initiative of "opposing commercial corruption and building a compliant Gotion High-Tech", calling on all the employees to adhere to the original intention and discipline themselves. The compliance department and the PR department jointly make compliance publicity work plans and publicize compliance in the Company through posters and emails on International Anti-Corruption Day and major festivals.



Supply Chain System Compliance Training



Anti-Corruption Poster on Mid-Autumn Festival

### G3.2 Conducting Honest and Fair Trade

Gotion High-Tech upholds core values of "Cherishing, Pragmatism, Integrity, and Innovation". It abides by national laws and regulations, industry norms, and business ethics in its daily production and operation, maintaining fair competition and market order. All employees of the Company's marketing department, supply chain system, and other relevant departments in direct contact with upstream and downstream links and partners, are required to sign the Confidentiality Agreement and the Integrity Agreement and to comply with relevant provisions, maintaining honest and self-disciplined in the process of supply and demand transactions and preventing unfair competition, thus protecting the balanced and positive development of the value chain. In 2021, the Company issued customer Filing Administrative Measures to manage salespersons at the institutional level and achieve an open and efficient two-way business development process. It also published Customer Classification Management Regulations to ensure reasonable resource allocation and improve service quality.

### G3.3 Protecting Customer Information

Gotion High-Tech has established a cross-system and cross-departmental TISAX (Trusted Information Security

Assessment Exchange) team and set up a professional information security team responsible for information security management and maintenance, continuously benchmarking the Company's standards against international standards and striving for internalization and implementation. The fact that Gotion High-Tech has passed the TISAX accreditation for many consecutive years signifies that its protection level of the availability, integrity, and confidentiality of key information assets including customer data, has met the highest requirements of the European automotive industry. Under this premise, Gotion High-Tech is able to provide a more reliable security guarantee for customers' information assets and create greater value for them. At the same time, the Company and all customers are required to sign a Non-Disclosure Agreement at the beginning of the cooperation to ensure the protection of commercial secrets, copyrights, patents and other related things learned by both parties during business activities.

### G3.4 Enhancing Product Accessibility

Gotion High-Tech's battery products are widely used in passenger vehicles, commercial vehicles, special vehicles, and low-speed vehicles and fields including energy storage, mobile base stations, and ships. Passenger vehicles and commercial vehicles provide a full range of economical and environmental solutions for low-carbon travel. Special vehicles and low-speed vehicles provide convenient and efficient travel for specific industry sectors and specific groups of people. Moreover, the safe and high-quality energy storage products provide effective system solutions for temporary household and outdoor electricity use.

### G3.5 Carrying out Customer Training and Product Knowledge Popularization

In 2021, in the internal popularization of product knowledge, the Company organized a total of 32 training activities about the Company system, technical skills, customer service, and product delivery, with a total of 1,188 participants. In the external promotion of products, the relevant departments of the Company and some industry associations established a communication mechanism, promoting business and products through forums, summits, journals, and other platforms.

The Company also makes its voice heard through industry conventions, exhibitions, summits, and forums. In 2021, it participated in events including the 14th China International Battery Fair (2021CIBF), 2021 China International Consumer Products Expo, 2021 China (Anhui) Science and Technology Innovation Achievement Transformation Fair, Guangxi Science and Technology Activity Week & Innovation-driven Development Achievement Exhibition, China-ASEAN Expo in Guangxi, the 11th China International New Energy Vehicle Forum 2021, 2021 World New Energy Vehicle Congress, Deutsch-Chinesischer Automobilkongress 2021, 2021 World Manufacturing Convention, to promote product knowledge through technical explanation, summit discussion, and keynote speeches.



The staff introduces the Company's products to Qiu Minghong, Deputy Secretary of the CPC Liuzhou Municipal Committee at the 18th China-ASEAN Expo

### G3.6 Making Potential Risk Warning

The Company attaches great importance to customers' understanding of product information and usage of products. It has formulated and released the User Manual for Automotive Power Battery System, introducing to customers the functions, instructions, safety requirements, and quality assurance of the automotive power battery system and other related matters, as well as warning of potential risks on matters such as product usage environment, storage instructions, and safety concerns.

### G3.7 Promoting Sustainable Consumption

The Company's main product is a green and environmentally friendly battery product with a system life of 8-10 years, which has obvious economical and environmental strengths. At the same time, the Company's sales department, according to the Interim Measures for the Administration of Recycling Traction Batteries of New Energy Vehicles and other laws and regulations, actively cooperates with automobile enterprises to assume responsibilities in power battery recycling, builds battery recycling and hierarchical utilization production lines, and carries out harmless treatment and recycling of used batteries in strict accordance with national and industry requirements to give full play to batteries in their whole life cycles, so as to achieve sustainable consumption and create constant economic and social benefits.

### G3.8 Managing After-sales Service

Gotion High-Tech always insists on the after-sales service philosophy of "customer-oriented, warmhearted services" to provide professional and efficient after-sales service.

JC Technology, the Company's professional after-sales service branch, adheres to the service philosophy of "providing convenient and professional service for customers; providing comprehensive and accurate market quality information for enterprises; providing market service guarantee for sales", continuously improving service efficiency and quality, enhancing customer satisfaction, and forming a "self-operated + joint + entrusted" service network. According to the Company's development and network construction plan and the aim to further improve service timeliness and reduce service costs, it has built 28 self-operated service centers, 329 joint service organizations for vehicles, and 294 entrusted maintenance service providers nationwide, with the number of outlets increasing by 60% compared to 2020, which has covered major provincial capitals and tier 1 and 2 cities in China. Besides, relying on the big data battery network platform of Gotion High-Tech established by the General Engineering Research Institute, it improves the remote monitoring and emergency command process system, forming a quick-response and effective process mechanism in terms of fault warning, data analysis, emergency dispatch, fault treatment, and fault repairing, guaranteeing the operation safety of products, and ensuring that after-sales problems are solved in a timely and effective manner. In 2021, the withdrawal rate of customer complaints reached 91%. The company passed the "five-star" service recertification by the China Quality Certification Center (CQC) with a score of 98.5.



Gotion High-Tech Receives Five-Star After-Sales Service Certification

### G3.9 Improving Satisfaction Evaluation

The Company continues to optimize the Administrative Measures for customer Service Quality and has established a service team consisting of quality, sales, and service staff that gives quick responses to customers based on their feedback, promoting continuous improvement of product quality, maintaining good relationships with customers, and improving customer satisfaction. What's more, it has established a perfect customer satisfaction evaluation system, formulated the Administrative Measures for Customer Satisfaction Evaluation, standardized the workflow of customer satisfaction evaluation, obtained and used the information from customer satisfaction surveys, so as to continuously improve product quality and management system performance. According to the administrative measures, the Company makes annual customer satisfaction questionnaires to collect customer satisfaction evaluation information. The average customer satisfaction score based on the questionnaire in 2021 was 90.71.

## G4 Implementing Contract Responsibility Procurement to Create a High-Value Supply Chain

Insisting on the cooperation philosophy of "co-existence and win-win results", the Company has established a complete supplier management system and an open and transparent procurement system, strictly controlled the access threshold of suppliers, examines the qualifications and products of suppliers according to the procurement system, and continuously monitors the supply service, supply capacity, production process control, and product quality of suppliers in the cooperation.

### G4.1 Facilitating Industry Development

While committed to its own technological innovation and management improvement, Gotion High-Tech also vigorously participates in the formulation of industry standards, contributing to the standardized and rapid development of the industry with its rich research experience. In 2021, the Company's standards and regulations department hosted and participated in the formulation of 45 standards, including two international standards, 22 national standards, and four industry standards. Currently, Gotion High-Tech follows more than 3,500 standards, which cover the whole industry chain from raw materials and batteries to recycling. In November 2021, Electrical Performance Test Methods for Lithium-ion Traction Battery Pack and System of Electric Vehicles (GB/T 31467) drafted by Gotion High-Tech and other companies was officially listed on the internet.

The Company vigorously participates in building and expanding industry communication platforms and discusses industry development trends. On July 30, 2021, Gotion High-Tech organized the China New Energy and Energy Storage Global Forum, discussing new opportunities for new energy and energy storage integration under dual carbon goals with experts and scholars, financial investment institutions and new energy and energy storage enterprise representatives from various countries. In September 2021, Xu Xingwu, Vice President of Gotion High-Tech's General Engineering Research Institute, participated in the "Key Technology of Power Battery and Construction of Green and Efficient Industrial Ecosystem" theme summit of the 3rd World New Energy Vehicle Congress (WNEVC 2021) and delivered a speech. In October 2021, Zhang Hongli, Vice President of Gotion High-Tech's General Engineering Research Institute, attended the German-China Automobile Congress and made a keynote speech at the Smart New Energy Vehicle Development Summit Forum. In October 2021, Li Chen, President of Gotion High-Tech's Overseas Business Department, addressed the China-Germany Summit on Overseas Development of Smart New Energy Vehicles 2021. In November 2021, Li Zhen, Chairman of Gotion High-Tech, participated in the World Economic Forum and 2021 World Manufacturing Convention and delivered keynote speeches.



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Upper left. Li Zhen, Chairman of Gotion High-Tech, speech at the China New Energy and Energy Storage Global Forum

Upper right . Li Chen, President of Gotion High-Tech's Overseas Business Department, Addresses the China-Germany Summit on Overseas Development of Smart New Energy Vehicles 2021

Lower left. Xu Xingwu, Vice President of Gotion High-Tech's General Engineering Research Institute, speech at the 3rd World New Energy Vehicle Congress (WNEVC 2021) and Delivers a Speech

Lower right. Zhang Hongli, Executive Vice President of Gotion High-Tech's General Engineering Research Institute speech at the German-China Automobile Congress

## G4.2 Regulating Supplier Access

Gotion High-Tech has successively formulated the Requirements on the Sustainable Development of Suppliers, Social Responsibility Commitment Letter of Suppliers and Supplier Review Checklist, putting forward requirements and implementation references for suppliers' social responsibility undertaking and sustainable development from the system level, and inputting all suppliers' information. Based on ISO14001, ISO45001, SA8000, RBA, national environmental protection, safety, fire, occupational health and labor contract regulations as well as supplier criterion of leading brands, suppliers were strictly reviewed in terms of environmental protection, safety, fireproofing, occupational health, labor ethics, responsible mineral mining and other aspects. Suppliers that did not meet the access standards were weeded out, and a total of 56 suppliers were reviewed in 2021.

## G4.3 Standardizing Supplier Management

Gotion High-Tech has formulated and implemented the CSR Management Measures of the Supplier Sustainable Development. All suppliers should sign relevant agreements, and clarify relevant responsibility and authority internally. The supplier management department is responsible for collecting, verifying and evaluating supplier qualification information, submitting, organizing, coordinating and leading the supplier review, and tracking down problems with supplier reviews. The procurement department is responsible for implementing the Measures, taking action to request and assist the social responsibility management of suppliers/service providers related to raw materials, supplies, processes, and products and professionally qualified treatment units such as sewage and hazardous waste treatment service providers, conveying standard requirements on social responsibility, and requesting relevant suppliers/service providers to sign the Social Responsibility Commitment Letter and other agreements.

The Measures makes specific descriptions and clear requirements for various aspects of social responsibility and conducts item-by-item reviews and risk assessments according to the scoring criteria. The supplier management department, together with the SQE department, randomly checked the social responsibility performance of some suppliers to ensure their compliance with suppliers in terms of social responsibility.

## G4.4 Promoting the Supply Chain Responsibility Fulfillment

Together with its suppliers, Gotion High-Tech is committed to effectively fulfilling its social responsibility as a corporate citizen and strictly follows the Supplier Social Responsibility Code of Conduct to impose requirements on the supply chain to fulfill its responsibility in the areas of discrimination punishments, freedom of association and communication, working hours and wages, equipment safety and health, and business ethics.

- ◎ In terms of discrimination punishment, Gotion High-Tech requires suppliers not to use violence or discriminate against employees because of their race, region, color, age, gender, sexual orientation, disability, pregnancy, etc.
- ◎ In terms of freedom of association and communication, Gotion High-Tech requires suppliers to respect the right of all employees to freely form trade unions and participate in collective bargaining.
- ◎ In terms of working hour and wage, Gotion High-Tech requires all suppliers to pay their employees basic wages up to the local minimum wage standard, pay wages timely, arrange employees' work and rest in accordance with regulatory requirements, and pay overtime wages to employees who work overtime.
- ◎ In terms of equipment safety and health, Gotion High-Tech requires suppliers to provide a safe and hygienic work and living place and train the employees on equipment health and safety.
- ◎ In terms of business ethics, Gotion High-Tech requires suppliers to protect the intellectual properties and business secrets of customers, suppliers, and other business partners and keep their promises by not paying bribes, offering substandard products, cheating on workmanship and materials, practicing falsification and committing commercial fraud.

Every year, the Company regularly organizes the three parties of technology, quality and supply chain to inspect and supervise the social responsibility initiatives of major suppliers, so as to improve the performance of supply chain members in social responsibility.

## G4.5 Carrying out and Implementing Supplier Training

In 2021, Gotion High-Tech's supplier system management department conducted systematic inspections and business communication with 181 qualified suppliers and, meanwhile, carried out abundant supplier training activities, with a total of 448 hours of special training. Giving training on ideological awareness, site management, process control, quality management tools, quality system and other aspects, the department aims to work with suppliers to improve the passing rate of incoming materials and the timely delivery rate through training and guidance and achieve common growth and win-win results.

At the same time, the Company strictly manages the supply chain's CSR, implements the sustainable development management concept, fulfills CSR requirements in the process of supply chain management, pays attention to labor rights, environmental protection, health and safety, business ethic and responsible procurement of the supply chain, and follow up special rectification of disconformities. In the annual review of qualified suppliers, CSR requirements are included in the annual review and annual evaluation of suppliers to drive them to establish sustainable development management systems and ensure the effective implementation of CSR in supply chain management.



CSR Training for Suppliers

# A Afterword

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## A1 Future Plans

### A1.1 The Strategic Plan for the Next 5 Years

Along with the rapid development of the NEV industry, the power battery industry will usher in a huge development opportunity. It is expected that the global power battery market size will exceed 3TWh in 2030 which is more than 20 times the global installed capacity in 2020. In addition, the energy storage industry has also ushered in tremendous development opportunities and the demand for batteries in the global energy storage market is expected to reach 1TWh in 2030. Gotion High-Tech and other leading power battery enterprises in China have gone global and established factories overseas. It is foreseeable that several large multinational enterprises with great influence on the global NEV supply chain will emerge in China's power battery industry in the future.

As a new energy power battery enterprise based in Anhui, radiating to China and going global, Gotion High-Tech has always taken "to make green energy accessible and sustainable" as its highest strategic mission and set up near-term strategic goals for 2021-2025 and medium- and long-term goals for 2026-2030. The Company plans to focus on innovative research and development of better and safer battery technologies in the next five years, carry out new production and material planning, and build the full life cycle industry chain of batteries. It aims to achieve the strategic goals of a production capacity of 300GWh, world-class technical capability, domestic automotive market share of no less than 20%, and domestic energy storage market share of no less than 10% by 2025. The Company is expected to grow into a leading power battery enterprise with international influence in the next ten years.

### A1.2 The Medium- and Long-term ESG Goals

ESG is a process, not an end. Our ESG goals are always focused on long-term issues that are environmentally sound, beneficial to people, and valuable to society. To this end, in accordance with the UN Sustainable Development Goals, the National 14th Five-Year Plan, and the corporate strategic plan, the Company's Social Responsibility Management Committee has formulated the near-term goal, medium-term goal, and future vision of the ESG strategy. Details are as follows.



"Cherish, Pragmatism, Integrity, and Innovation" are the values of the Company's staff. In order to ensure the release of the future ESG strategy, the Company has developed three pillars for the ESG strategy, namely "human and nature", "continuous innovation" and "win-win situation" which are centered on three major sectors of the environment, society, and corporate governance.

#### ● Strategy I Human and nature

We respect life and love nature and always take green management and green development as the main theme of our business development; we care for every employee and are committed to providing a healthy, comfortable and cozy working environment to every employee; we devote ourselves to protecting the environment and resources and pay attention to the protection of biodiversity and the rational development and utilization of resources in our production and operations; we actively practice CSR, promote the joint construction with communities and sow the seeds of love in the fields of public welfare, charity and education to create new hopes and help with wonderful dreams.

#### ● Strategy II Continuous innovation

We take "science and technology serve human civilization" as the highest purpose, focus on basic science research, and devote the most R&D efforts to materials science and other fields for a long time; we focus on product quality and safety and take on the mission of offering "high safety, quality and performance" products with inexpensive price to society; we pay attention to intellectual property protection, rank high in battery industry in terms of the patent application, take carbon peak and neutrality targets into account, strive for green, safe and efficient site selection, factory construction, product line planning, resource support, and product R&D and design, and try to make every factory become a green demonstration base locally.

#### ● Strategy III Win-win situation

We advocate compliance operations and are committed to the value realization of each partner in the value chain; we pay attention to the sustainability of the supply chain and strengthen cooperation with suppliers through joint ventures, equity participation and long-term agreements; we actively improve the corporate business planning and expand the use of products in NEV, household and industrial energy storage, ship, two-wheeler and other fields; we pay attention to the development of the circular economy and take battery recycling and echelon utilization as the key business segments and build the green industry chain; we strengthen brand operations, deepen the output and spread of ESG concepts and are committed to building a brand new and responsible green energy enterprise with a global vision.

### A1.3 ESG Future Plan

Environmental Responsibility	The Company will care for, protect, and cherish the environment. It will give priority to environmental factors in its corporate planning, integrate the concept of green products into product development and design, offer new energy products to society, reduce greenhouse gas emissions and atmospheric pollution, use natural resources rationally, fulfill the principle of "from the people and for the people", use less or no scarce resources and build a zero-carbon material base and a zero-carbon battery factory, do a good job in resource recycling and reuse and achieve the circular economy.
Financial Responsibility	The Company will deeply exploit the domestic market, with a focus on two major markets in Europe and America and operation in the Asia-Pacific market, so as to implement its global market planning; it will optimize market segments, adhere to the main focus on the passenger/commercial vehicle market, and accelerate the global strategic planning for energy storage. Centering on strategic customers and refining the customer grading strategy, it aims to match advantageous resources and customers, and make major breakthroughs. Also, it is improving the construction of after-sales and information systems and strengthening after-sales service capability. While solving pain points, the Company pays attention to customer needs, and improves product competitiveness.
Social Responsibility	The Company will establish a perfect talent development mechanism and staff promotion channels and support the orderly flow and development of talent in China, build a professional and efficient corporate training management system, focus on the cultivation of international leader talent, and truly embed the education in the unified management system of human resources as an organic link, strengthen the construction of corporate culture, require HRBP to closely follow the business, and upgrade the service process.
Safety & Environmental Protection	The Company will perfect the safety and environmental protection system, ensure the safety of employees, practice social responsibility, and transform itself into a green enterprise. It will identify various internal and external risk factors and establish the risk list, continuously improve the safety production management system and implement the emergency safety mechanism, optimize the production line design, enhance the efficiency of R&D, process and equipment, increase the passing rate of manufactured products, and reduce the loss and pollutant generation.
Harmonious Coexistence	The Company will invite community residents to participate in factory construction planning, give priority to employing local laborers, serve the local economy and promote community harmony; actively carry out joint construction with the communities where our bases are located, invite the elders, children and teenagers to visit our factories and learn about the basic principles and applications of power batteries, do a good job in battery knowledge popularization, and make the use of NEVs a social consensus.
Social Welfare	The Company will actively practice CSR, carry out social welfare through charitable donations, assistance, party members' public welfare, patriotic education and other means, organize diverse social and cultural activities, enhance the connection between it and society, governments and institutions, and assume social responsibility during major events. It will build a wonderful homeland and achieve common prosperity.
Supply Chain Planning	The Company will establish supply chain industry clusters, build up a unique full life cycle industry chain of batteries, guarantee the supply, and reduce the cost; actively explore investment opportunities in the upstream, midstream and downstream of the industry chain as well as drive and strengthen industry operations through capital operations.

## A2 Assessment Feedback

Dear readers,  
 Thank you for your attention to the Gotion High-Tech ESG Report 2021. We value your comments and suggestions on this report. We sincerely invite you to give us your feedback and comments on this report and join us in building a better society and a zero-carbon future. You can send your comments and suggestions by mail, e-mail and phone. Let's work together to make green energy accessible and sustainable!

Name: \_\_\_\_\_ Tel.: \_\_\_\_\_  
 Company: \_\_\_\_\_ E-mail: \_\_\_\_\_

Report Assessment	5 point(s)	4 point(s)	3 point(s)	2 point(s)	1 point(s)	Notes
Do you think the overall structure of this report is reasonable?						
Do you think this report provides a comprehensive understanding of the real situation of Gotion High-Tech's CSR?						
Do you think the social responsibility content of this report is sufficient and complete?						
Do you think this report is reader-friendly?						
Do you think the design and layout of this report are reasonable?						
What's your overall assessment of this report?						

1. Please provide your suggestions for the Gotion High-Tech ESG Report 2021:

2. Please give your comments and suggestions on the social responsibility and sustainable development of Gotion High-Tech:

Contact: The Social Responsibility Management Committee of Gotion High-Tech  
 Address: No.566, Huayuan Avenue, Baohe District, Hefei City, Anhui Province  
 Tel.: 0551-62100213  
 E-mail: gxgk@gotion.com.cn

## A3 Report Assessment

### Rating Report of the ESG Report 2021 of Gotion High-tech Co.,Ltd.

Upon the request of Gotion High-tech Co.,Ltd., the Chinese Expert Committee on CSR Report Rating invited experts to form a rating team to rate the ESG Report 2021 of Gotion High-tech Co.,Ltd. (hereinafter referred to as "the Report").

### I. Rating Criteria

Guidelines on Corporate Social Responsibility Reporting for Chinese Enterprises (CASS-CSR 4.0) of the Chinese Academy of Social Sciences and China Corporate Social Responsibility Report Rating Standards (2020) of "Corporate Social Responsibility Report Rating Expert Committee of Chinese Enterprises".

### II. Rating Process

1. The rating team reviews and confirms the Process Data Confirmation of Corporate Social Responsibility Report submitted by the report writing group and relevant supporting materials;
2. The rating team conducts evaluation on the preparation process and the content disclosed by the Report, and then drafts the rating report;
3. The Vice Chairman of the Rating Expert Committee, the leader of the rating team, and the experts of the rating team jointly sign the rating report.

### III. Rating Results

#### Process (★★★★)

The Company's PR Department has led the establishment of report preparation work group to coordinate the specific work. The secretary of the board controls the overall direction of the report, the board deliberates the report contents; the president and the chairman are responsible for the final review of the report; the Report, with definite function value position, is taken as an important tool for response to capital market demands and display of the company's brand image; substantive issues are identified based on the social responsibility standards and company development condition; the Report is planned to be published on the official website and to be presented in electronic version, printed form, long figure version and Chinese and English version, with good performance in process.

#### Materiality (★★★★☆)

The Report systematically discloses the key industrial issues such as the product quality management, product innovation, occupational health management, safety production, research and development of environmental protection technology, saving energy and resources, reducing emission of "three wastes" and surrounding environment governance of the plant, with detailed and full description and leading performance in materiality.

#### Integrity (★★★★)

The main body of the Report systematically discloses 76.06% of the core indicators of the industry from the perspectives of "low-carbon development and green Gotion", "people-oriented and absolute perfection-aimed" and "standardized governance and innovation & improvement", with good performance in integrity.

#### Balance (★★★★☆)

The Report reveals the negative data such as "total number of lost employees", "product failure rate", "number of safety production accidents", "rate of injuries of thousands of people", "rate of major accidents" and "fatalities", with leading performance in balance.

#### Comparability (★★★)

The Report discloses the comparative data of 11 key indicators such as "remuneration in R&D sector", "overtime payment", "investment in R&D", "number of applied patents" and "number of authorized invention patents" for three consecutive years, with performance in comparability to be improved.

#### Readability (★★★★☆)

The Report adopts topic framework structure to systematically expound the annual performance of the corporate responsibility from three chapters namely low-carbon development, people-oriented and standardized governance, respond to the expectations and demands of stakeholders; the cover idea adopts the style of illustration and integrates the main business elements such as "new energy vehicle" and "power generating windmill", enhancing the identification and vividness of the Report; the chapter outlines the virtual scene that can fit the theme of the chapter in different pages and embeds the narrative introduction and outline, with leading performance in readability.

#### Innovation (★★★★)

The Report systematically displays the medium-term and long-term objectives of ESG work of the company; prepares the three major strategies namely "human beings and nature", "continuous innovation" and "win-win development", specifies the ESG plan of the company in seven major fields such as environment, economy, society and security and environmental protection, demonstrates the value pursuit and responsibility leadership of the company; participates in the report rating for the first time and improves the standardization of information disclosure of corporate social responsibility, with good performance in innovation.

Overall Rating (★★★★)

According to the rating team's assessment, ESG Report 2021 of Gotion High-tech Co.,Ltd. is of four-star rating and is a good corporate social responsibility (CSR) report.

IV. Improvement Suggestions

1. Further strengthen the social responsibility system and building of management mechanism;
2. Increase the disclosure of core industrial index and improve the integrity of the Report;
3. Increase the disclosure of the key enterprise performance data and improve the comparability of the Report.

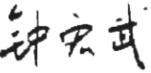
A4 Reference Index

Table A1: Indicator Index Table of Gotion High-Tech ESG Report 2021

Disclosure Items	Disclosure Content	Page	Disclosure Reference	
			The Basic Framework for Guidelines on Corporate Social Responsibility Reporting for Chinese Enterprises CASS-CSR4.0	Codes of GRI Sustainable Development Report
	Chairman's Message		P2.1/2.2 Situation Analysis and Strategic Consideration on Fulfilling CSR / Annual Work Progress on CSR	GRI 102General Disclosure
P1	Standard of Reporting	P2	P1.1/1.2/1.3 Quality Assurance/Information Description/Reporting System	GRI 102General Disclosure
P2	Report Procedure	P3	P1.2 Information Description	GRI 102General Disclosure
P3.1	Company Profile	P4	P4.1 Organizational Structure and Main Business Areas	GRI 102General Disclosure
P3.2	Existing Product System	P5	P4.2 Major Products, Services and Brands	GRI 102General Disclosure
P3.3	Product Application Fields	P6	P4.2 Major Products, Services and Brands	GRI 102General Disclosure
P3.4	Main Business Areas	P7	P4.1/4.3 Organizational Structure and Main Business Areas/Enterprise Size and Influence	GRI 102General Disclosure
P3.5	After-sales Services	P7	P4.2 Major Products, Services and Brands	GRI 102General Disclosure
P3.6	Talent Advantages	P8	P4.3 Enterprise Size and Influence	GRI 102General Disclosure
P3.7	Social Identity	P8	P4.3 Enterprise Size and Influence	GRI 102General Disclosure
P3.8	Organizational Adjustment	P9	P4.4 Significant Changes During the Reporting Period Regarding Organizational Size, Structure, Ownership or Supply Chain	GRI 102General Disclosure
P4	Annual Progress	P10	P3.1/3.2 4.4 Significant Incidents of CSR / Progress and Effectiveness of Priority CSR Issues / Significant Changes During the Reporting Period Regarding Organizational Size, Structure, Ownership or Supply Chain	GRI 102General Disclosure
E1.1	Environmental Management System	P19	E1.1 Environmental Management System	GRI103 Management Method
E1.2	Environmental Warning and Emergency Response Mechanism	P19	E1.2 Environmental Warning and Emergency Response Mechanism	
E1.3	Environmental Training and Education	P19	E1.5 Environmental Training and Education	
E1.5	Establishing a Green Supply Chain	P20	E1.6 Establishing a Green Supply Chain	
E1.6	Supporting the Development of Green and Low-carbon Industries	P20	E1.7 Supporting the Development of Green and Low-carbon Industries	
E1.7	Total Investment in Environmental Protection	P21	E1.8 Total Investment in Environmental Protection	GRI103 Management Method
E2.1	Green design	P22	E2.1 Green Design	
E2.2	Procurement and Use of Environmentally Friendly and Green Raw Materials	P22	E2.2 Procurement and Use of Environmentally Friendly and Green Raw Materials	GRI301 Materials



Vice Chairman of China Expert Committee on CSR Report Rating



Panel Leader



Panel Expert



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Chinese Expert Committee on CSR Report Rating

Disclosure Items	Disclosure Content	Page	Disclosure Reference	
			The Basic Framework for Guidelines on Corporate Social Responsibility Reporting for Chinese Enterprises CASS-CSR4.0	Codes of GRI Sustainable Development Report
E2.3	Green Packaging	P22	E2.20 Green Packaging	GRI301 Materials
E2.4	Energy Conservation Policies and Measures	P23	E2.3 Energy Conservation Policies and Measures	GRI103 Management Methods; GRI302 Energy
E2.5	Measures and Performance of Recycling Used and Waste Products	P24	E2.18/2.19 Performance of Policy Measures for the Development of Circular Economy	
E2.6	Total Energy Consumption and Reduction in 2021	P27	E2.5 Total Energy Consumption and Reduction in 2021	GRI302 Energy
E2.7	Use of Clean Energy	P27	E2.7 Policies and Measures for the Use of Clean Energy	GRI103 Management Methods; GRI302 Energy
E2.8	Exhaust Fume Emissions	P27	E2.12/2.13 Institutional Measures to Reduce Emissions/Exhaust Fume Emissions and Emission Reductions	
E2.9	Wastewater Discharge	P28	E2.14/2.15 Institutional Measures to Reduce Wastewater Discharge/Wastewater Discharge and Discharge Reductions	GRI103 Management Methods; GRI303 Water Resources and Wastewater
E2.10	Waste Discharge	P28	E2.16/2.17 Institutional Measures to Reduce Waste Discharge/Waste Discharge and Discharge Reductions	GRI103 Management Methods; GRI303 Wastewater and Waste
E2.11	Reduction of Greenhouse Gas Emissions	P29	E2.24/2.25 Plans and Actions to Reduce Greenhouse Gas Emissions/Greenhouse Gas Emissions and reductions	GRI 305 Emissions
E3.1	Measures for Green Office	P29	E3.1 Measures for Green Office	
E3.2	Green Office Performance	P30	E3.2 Green Office Performance	
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E3.4	Ecological Protection and Management	P30	E3.3 Ecological Restoration and Management	GRI 304 Biodiversity
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S1.2	Legal Compliance System Training	P35	S1.2 Legal Compliance System Training	
S1.3	Annual Tax Payments	P35	S1.3 Total Tax Payments	GRI 201 Economic Performance
S1.4	Participate in Comprehensive Deepening of Reform and Opening-up	P35	S1.4 Participate in Comprehensive Deepening of Reform and Opening-up	
S2.1	Employee Structure	P36	S1.5/2.1/2.5/4.3 Boost for Employment/Employee Structure/Proportion of Female Managers/Enterprise Size and Influence	GRI 203 Indirect Economic Impact; GRI 401 Employment; GRI 102 General Disclosure
S2.2	Fair Employment	P37	S2.2 Fair Employment	GRI 103 Management Methods, GRI 406 Anti-discrimination
S2.3	Signing of Labor Contract	P37	S2.3 Signing of Labor Contract	GRI 102 General Disclosure

Disclosure Items	Disclosure Content	Page	Disclosure Reference	
			The Basic Framework for Guidelines on Corporate Social Responsibility Reporting for Chinese Enterprises CASS-CSR4.0	Codes of GRI Sustainable Development Report
S2.4	Democratic Management	P37	S2.4 Democratic Management	GRI 407 Freedom of Association and Collective Bargaining
S2.5	Protection of Rights and Interests	P38	S2.6/2.7 Employee Privacy Management / Prohibition for Forced Labor, Harassment and Abuse	GRI 103 Management Methods, GRI 406 Anti-Discrimination, GRI 409 Forced or Compulsory Labor
S2.6	Diversity and Equal Opportunity	P38	S2.8 Diversity and Equal Opportunity	GRI 405 Diversity and Equal Opportunity
S2.7	Salary and Benefits	P38	S2.10 Salary and Benefits System	GRI 201 Economic Performance
S2.8	Occupational Health and Safety	P40	S2.11-2.13 Occupational Health Management / Guarantee of Work Environment and Conditions / Employee Mental Health Assistance	GRI 403 Occupational Health and Safety
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