



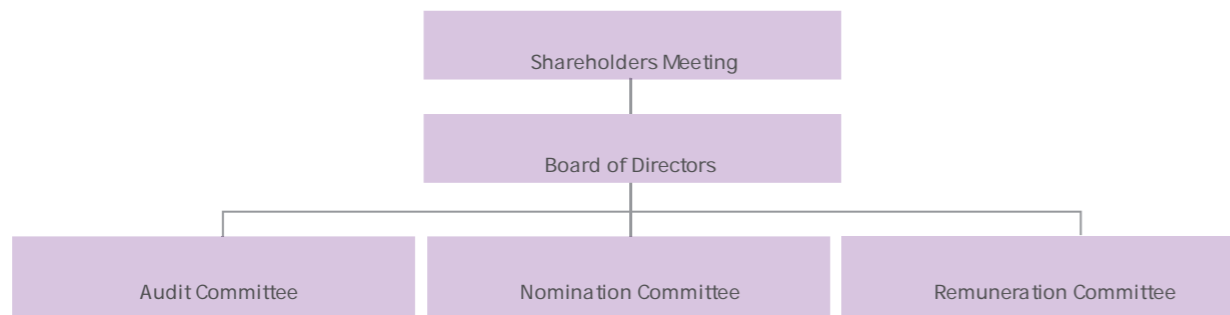
ESG

The Group always regards "Managing Enterprises in Accordance with the Laws and Operating in Good Faith" as the code of conduct, follows the guidelines of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited (the "Listing Rules"), and builds a corporate governance platform through rules and regulations, internal management, risk prevention and control, and timely, comprehensive, and public information disclosure.

Decisions on major issues of the Group are made by the Board. The Board consists of eight directors, three of whom are independent non-executive directors. Directors perform their duties faithfully and diligently, whose main duties include reviewing and approving corporate strategies, reviewing internal controls and operational compliance. The Group convenes meeting of the Board on a regular basis, and all directors can express their opinions on management and other matters at the meeting.

There are three special committees under the Board: the Audit Committee, the Nomination Committee and the Remuneration Committee. The main duties of the Audit Committee are to review the Group's financial reporting procedures and internal control systems, and to advise the Board on the appointment, renewal and dismissal of the Company's independent external auditor and related terms of remuneration and appointment. The Nomination Committee is responsible for identifying qualified Board members and advising the Board on related issues such as the appointment or renewal of directors when needed. The main responsibility of the Remuneration Committee is to advise the Board on the Company's policies related to the remuneration of directors and senior management.

The Group employs professional legal practitioners as its perennial legal consultants, and has established an Internal Control Legal Affairs Center and an Audit Supervision Center to supervise and review business decisions, business processes and internal rules and regulations in real time. In order to safeguard the shareholders' legitimate right to know, the Group has formulated strict information disclosure systems and measures. The content of information disclosure is divided into periodic reports and provisional reports. Periodic reports are disclosed twice a year, including interim reports and annual reports.



Stakeholder participation is essential for the sustainable development of the Group. The Group builds cooperation and keeps close contact with interested parties, through conferences organization, investigation, seminars and other activities, gets through multiple communication channels, listens to voices of all parties with concentrated attention, and performs related responsibilities. To facilitate effective ESG management, the Group actively encourages stakeholder engagement, understands stakeholder expectations and responds promptly. The Group's response to relevant stakeholder expectations is as follows:

STAKEHOLDERS	EXPECTATIONS	COMMUNICATION AND RESPONSE
Investors	Reasonable and sustainable return on investment Operation in compliance Public information disclosure	Sound operation Optimized governance Disclose information in a timely and public manner
Employees	Occupational health and safety Career development Reasonable pay and benefits Diversity and equal opportunity	Improve the working and living environment Staff training and activities Attractive compensation package Employee assessment and promotion system
Customer	Product quality and safety Service quality R&D and innovation	Quality management system Customer satisfaction survey Multi-level research and development system
Governments and regulators	Operation according to national policy Anti-corruption and business ethics Pay taxes according to law	Compliance with laws and regulations Audit and supervision system Promoting local economic development
Suppliers	Long term cooperation Fair competition and honest management Mutual benefit and win-win	Supplier management system Supplier grading system Supplier strategic cooperation
Public and community	Social welfare Waste material management Rural revitalization and common prosperity	Public welfare and charity projects Recycling and recovery Seek common prosperity with support of village elites



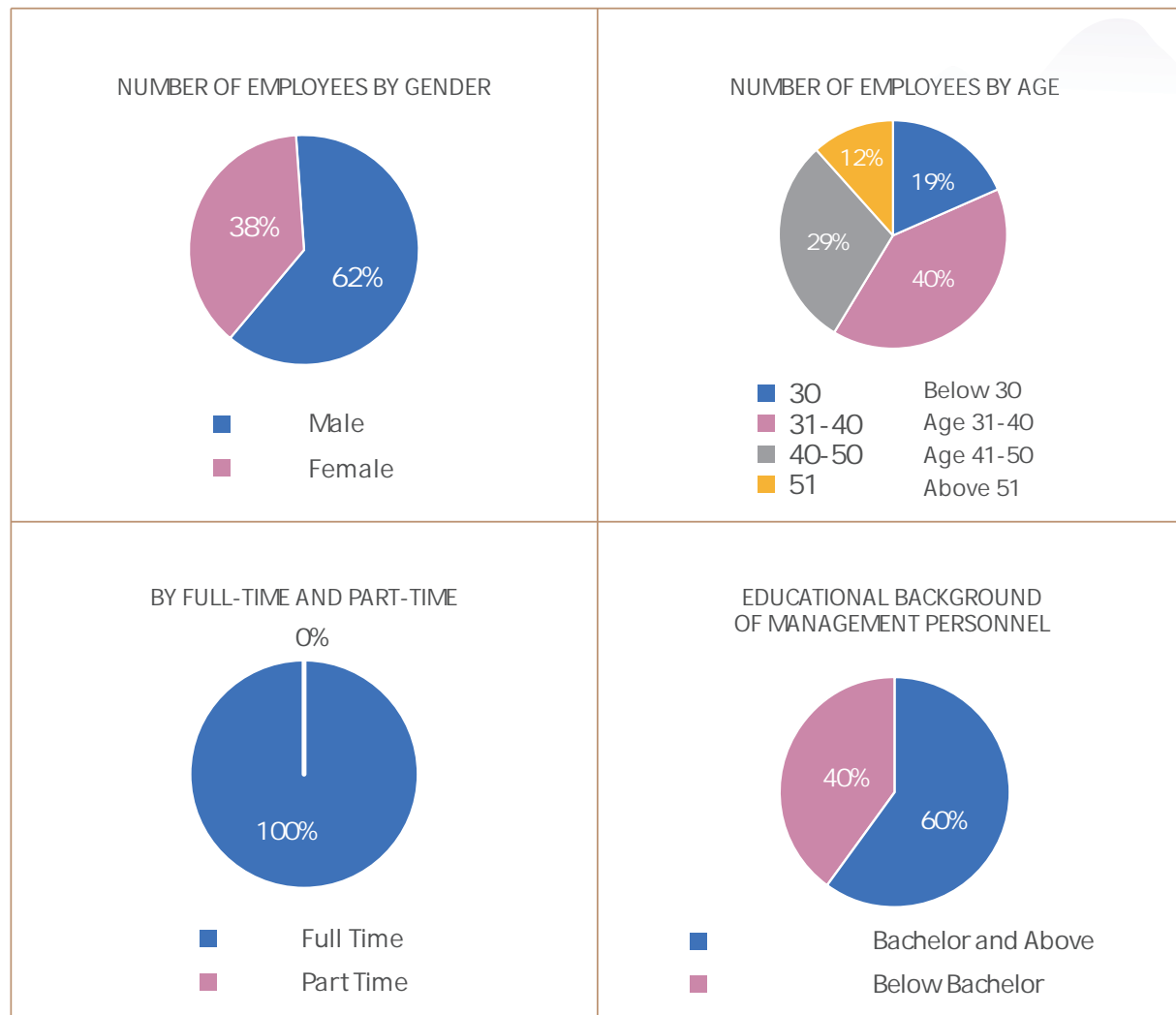
INTELLECTUAL PROPERTY PROTECTION



CLEAN CONSTRUCTION

4





2022

The Group strictly follows the relevant local laws and regulations, adhere to equal employment, prevent discrimination due to race, sex, age, marital status, religious belief and nationality of job seekers or employees in the process of recruitment and promotion, reject any discrimination or harassment in the workplace, to provide fair and just employment opportunities for talents.

The Group adheres to a people-oriented approach and provides employees with competitive remuneration and benefits. In 2022, the Group further formulated and improved the organizational performance, individual performance appraisal management systems and remuneration distribution system. The Group has established a compensation and welfare mechanism that highlights post value, work performance and innovation results to ensure that income growth matches corporate benefits. Based on the different stages of business development, the Group has built a comprehensive differential compensation incentive system to further optimize short-term and medium-and long-term incentive programs. At the same time, the Group has also established the mechanism of innovation project following investment, and established the benefit sharing and constraint mechanism of co-creation, sharing and undertaking for the realization of the Group's strategic goals, which has stimulated the motivation of employees and the vitality of the organization.

While providing a safe and healthy working environment for all employees, the Group also provides a series of benefits for employees to stimulate employees' work enthusiasm. We help to solve basic problems such as employee housing, transportation and children's education. We have constructed environmentally friendly employee dormitories at the headquarters and multiple bases. We also provide multi-shift, multi-route shuttle services, canteen food allowance, employee shopping vouchers, and organizes employee to participate sports and leisure activities. The Group has improved the caring and helping mechanism, established and improved the archives of employees with difficulties, and carried out more than 10 times of condolence for wedding and funeral events and employees with difficulties. The Group has carried out heart-to-heart talk mechanism, organized all party organizations to carry out "face-to-face" heart-to-heart talk activities of Branch secretaries, collected 35 pieces of activity information, further unimpeded appeal channels and boosted confidence. In addition, the Group has organized and carried out 10 cohesion activities such as "March 8" Women's Day, "June 1 Children's Day" theme parent-child activities, volunteer services into the workshop, Mid-Autumn Festival Friendship Fraternity, carefully set the activity agenda, enriched the form of activities, showed the effectiveness of the work, which has been praised by and beyond the Group.

100%

The Group obeys all regulations in Labor Law, carries out equal employment strictly and makes sure 100% legal compliance. All staff must sign labor contract on entry day and the Group pays for 5 social insurances and housing fund according to the regulations. Staff has marriage leave, pregnancy leave and so on according to law. The hours of work, remuneration for overtime, statutory holidays, paid leave and related benefits are in accordance with the stipulations in local labor laws. The labor union organizes congress of workers each year to discuss big issues related to workers' rights and interests.

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35

CASE

2022 8 985 211 2022
60 20 9

In August 2022, Tianneng's subsidiary in Puyang city, Henan Province launched the annual "Golden Autumn Student Assistance" activity. The Labor Union of the Company will subsidize the children of employees who are admitted to the National "985 and 211" universities in 2022. The subsidized employees said that they would continue to work hard and repay the Company's care with excellent performance. Puyang Subsidiary has held the "Golden Autumn Student Assistance" activity for 9 consecutive years, with a total of more than 60 college students subsidized and nearly 200,000 Yuan of education subsidies issued.

9 8 2022 300

Deep Mid-Autumn festival sentiments and warm family affection, in the afternoon of September 8, 2022, " Full of Love and Gather Together in Tianneng to Celebrate the Mid-Autumn Festival" activity of Tianneng was held in the beautiful Longemont International Convention Center. Nearly 300 staff representatives from all over the world and invited family members gathered together to celebrate the festival. The two committees of Tianneng co-construction unit Xinchuan Village were also invited to participate in the activity.

4.1 410

ISO45001 EHS

2022

The Group strictly abides by the Production Safety Law, the Occupational Disease Prevention and Control Law and other laws and regulations, carries out the health and safety main responsibilities of all departments and units, strengthens the safety management of hazardous chemicals, and formulates the Hazardous Chemical Safety Management System to prevent risks. The Group adheres to the people-oriented, establishes a sound occupational health and safety management system, and constantly improves the working environment and safety conditions of employees. The Group carries out employee occupational health monitoring every year and establishes employee health records. At the same time, The Group also actively carries out emergency drills, safety knowledge training, fire skills competition, safety publicity and other activities. About 41,000 man-time participated in safety trainings and 410 man-time participated in emergency drilling throughout the year.

The Company has passed ISO45001 occupational health and safety management system certification, and has developed a number of management systems in the Company like Tianneng Group EHS Management System, Emergency Management System and Industrial Injury Treatment Management System, aiming to realize the safety management idea of "hierarchical management and line responsibility" and adhering to the safety production responsibility system of all employees. At the same time, the Company has standardized the emergency management work, established and maintained the emergency management system, prevented and reduced the risk of emergencies, and improved the ability to deal with emergencies. The Group has a mental health room in each base, providing cross-department mental health consultation services to ensure the mental health of employees. It is Tianneng people who guard the safety lineout tle (r95 (9d m5 (9d m5boment -rel[pateju(carneho5 (thstemsovid)]J

CASE

In order to further pay attention to the work of safety production, implement the main responsibilities of safety production, and ensure the high-quality progress of the Group's work of safety production, all units of the Group have carried out a series of activities with the theme of "Observe Safe Production Law, Play the Role of A Good First Responsible Person" according to the actual situation, creating a safe production environment of "ensure safety for the industry, the business, and the production", with remarkable results. In order to popularize the professional knowledge of fire safety and emergency rescue, improve the emergency ability of employees, strengthen the fire awareness, and further build a strong safety line, the Company held a "Safety Theme Month" activity in 2022, with 8,300 man-time participating.

CASE

Activities include simulated fire evacuation, initial fire extinguishing drill, night assault fire drill and fire equipment use training. The training on the use of firefighting equipment and the initial firefighting drill further familiarized the staff with the operation procedures and methods of dry powder fire extinguisher, carbon dioxide fire extinguisher, fire hydrant, one-button alarm, one-button power off, insulation rod and other firefighting equipment, and comprehensively improved the emergency professional skills of all staff.



Emergency Fire Drills

The Group takes talents for the first resource of supporting enterprise development. The Group continues to introduce leading talents in the industry, cultivate internal talents, optimize the talent structure, and consolidate the talent foundation for business development.

This year, we will continue to introduce leading talents and core talents in key positions such as lithium-ion electricity, sodium battery, hydrogen energy and globalization. We have selected a number of people into National Talent Introduction Program, Provincial Talent Introduction Program and Provincial 10,000 Talents Program to support business development with high-end talents. We actively respond to the Group's development needs, improve the proportion of R&D technology and marketing positions, increase the proportion of employees with a bachelor's degree or above, reduce the staff turnover rate through all kinds of staff care activities, and support business development with a stable, high-quality and capable talent team.

2022

100%

At the same time, Tianneng accelerates internal talent training, and continues to carry out multi-level and multi-category talent training programs such as cadre training, young talent training, on-campus recruited college students tutorial system training, business elite training, and functional line ability improvement. The Group has established a sound talent training course system, and the completion rate of staff training plan in 2022 is 100%. The Group pays attention to the accumulation of organizational experience, continuously cultivates internal lecturers, develops internal courses and micro classes, refines cultural cases and business cases; improves the internal talent ability improvement and career development system, and builds a business platform that focuses on staff development and helps staff growth by promoting the construction of learning organization.

CASE

2022 9

62

98.39%

In September 2022, in order to help new cadres quickly integrate into Tianneng, Tianneng launched the "13th New Cadres Training Camp", which brought together 62 new cadres from various organizations to attend the training course. This course aims to build a cadre team of "capable, courageous and accomplished". Through two main tasks, employees can complete challenging tasks on complex tasks in work scenes and complete leadership certification. The comprehensive satisfaction of training is about 98.39%.



(New Journey • New Challenges "The 13th New Cadre Training")

Course System	Type of Course	Course Name	
General Knowledge and Skills	Corporate Culture	Tianneng Development History and Corporate Culture	
		Tianneng Cultural Consensus	
	Rules and Regulations	Company Management System Management Standards and Interpretation	
	Professional Quality	Business Etiquette	
		Stress and Emotion Management	
		Career Planning	
	Occupational Skills	Document Writing	
		Office Software Skills	
		Management by Objectives	
	Professional Knowledge and Skills	Curriculum System Centered on Professional Lines	Curriculum System based on the Qualifications of Each Line
Special Course	Leadership Series	Leadership	Matching Business Strategy with Resources
			Operational Analysis and Comprehensive Budgeting
			Organizational Design and Talent Strategy
		Piloting	Strategic Compass
			Three Axes for Organizational Ability
			Business Model Innovation
		Voyagege	Cultural Leadership
			Objective Performance Management
			High Performance Team Management
		Set Sail	Leadership Accumulation Strategy
			Employee Motivation
			Identify and Employ Personnel
	New Employee Series	On-campus Recruits	Tianneng Development History and Corporate Culture
			Company's Basic Rules and Regulations
			Tianneng Organization and Talent Development
			Safety is Everyone's Responsibility
			Self-Cognition from Campus to the Workplace
			IDP Career Planning and IDP
		Newly recruited cadres	Tianneng Development History and Corporate Culture
			Company's Basic Rules and Regulations
			Customer - Centered Quality Awareness
			Risk Awareness and Risk Control Ability
		Front Line Workshop New Recruits	Tianneng Development History and Corporate Culture
			Company's Basic Rules and Regulations
			Level 3 Safety Training
			Micro-Class Crowd Innovation Workshop
			Curriculum Development and Design
	Tutor Class Co-Construction Series	Presentation Skills and Presentation	
		Business English	
		Cross-cultural Communica	
Global Talent Pool Series	Curriculum System based on Qualifications of Each Skill Post		

2022

"

"

100%

Classification by gender

: Unit Hour

The average training time for male employees

41

The average training time for female employees

30

2022

In 2022, the Group, adhering to the goal of "empowering its employees, improving its organizational capabilities, and creating a talent pool for Tianneng" and relying on the Management Measures of Education and Training in Tianneng Group developed by Tianneng University, has created a comprehensive employee training management system. With the "dual track" promotion system (namely, the management and technical skill track,) for its employees' career development, the company allows both "vertical" and "horizontal" talent development. Relevant systems such as the Management Measures for Core Talent Pool Construction in Tianneng Group and the Management Measures for Talent Job Rotation in Tianneng Group have also successfully helped the company to achieve the goals of attracting and retaining desired talents and promoting the scientific, rational, standardized, and systematized construction of the company's position development system. In 2022, the company's training plan was 100% completed.

Classification by employee type

: Unit Hour

Average training time for grassroots sta

33

Average training time for middle management

90

Average training time for senior management

298

In order to meet the spiritual and culture demands of the majority of employees, the Group has built recreational facilities such as basketball courts and badminton courts, and organizes a variety of activities from time to time, including extended training, family day, and "Culture Ambassador" Tells Stories. In addition, the Group continues to publish internal reading materials and magazines such as Group News and Tianneng Staff to utilize the official website and WeChat public account, Tik Tok, Kuaishou and other self-media platforms to spread the good voice of Tianneng and gather positive energy for development, which has produced a strong resonance in the industry and society.

The Group attaches great importance to the management of investor relations, the investors' right to know, and investor protection education. In addition to the required information disclosure channels, the Group also arranges special personnel to maintain close communication with investors through various channels such as investor hotlines, email correspondence, visiting receptions, the investor relations column of the Group's website and the Group's official WeChat account to strengthen the construction of investor relations platforms and improve the efficiency and quality of investor relations services.

NPS

2

The Group adheres to customer-centric orientation, continuously improves product system, marketing system, and service system, and constantly improves product quality, technical R&D strength and service level. Adhering to the "customer-centric" service concept, we implemented the "Five Heart Service Satisfaction Project" of being sincere, considerate, careful, patient and reassuring, actively promoted and built customer relationships, and strengthened customer relationship management. By changing from passive service to active service, we conducted two customer satisfaction surveys and net promoter score (NPS) surveys every year to fully understand customer needs, and strive to meet and exceed customer needs and expectations, gain customer loyalty, and become the object to be followed and surpassed in the industry.

3,000

The Group has more than 3,000 resellers across the country, and has formed a huge service network based in Zhejiang and radiating across the country. We carried out cooperation based on the principle of mutual benefit and win-win, and have established complete service management standards, processes, and systems. At the same time, more than 700 full-time after-sales personnel are employed to provide technical support and product training services for the service network across the country. The training is conducted at least once a week, covering more than 30 people each time.

700

30

In order to effectively protect the corporate brand image and consumer rights, Tianneng established a brand rights protection office, formulated counterfeit battery feedback, combat and control mechanisms and preventive measures, opened a protection hotline and established reward and punishment regulations, and arranged full-time personnel for safeguarding rights and fighting counterfeits to investigate, obtain evidence and trace source of counterfeit Tianneng battery products on the market, and cooperated with the Administration for Industry and Commerce, public security and other law enforcement agencies to harshly punish and resolutely crack down on fraud and sales. During the whole year of 2022, the Group launched more than 20 special brand protection actions in cooperation with law enforcement agencies across the country, effectively reducing the counterfeit Tianneng battery circulation market and protecting consumer interests.

2022

20

2022

400

In 2022, the Group provided and optimized the whole process of 400 phone service endless-loop guarantee, and established customer service link management through Wechat public account, Wechat customer complaint group, QQ win-win business group, customer service special line, 400 hotline platform and customer satisfaction survey. Based on the product characteristics, the Company has also established a dedicated maintenance platform in the after-sales workshop to provide customers with training, maintenance learning and other services. In 2022, Tianneng has added 248 secondary channel brands. For key customers such as Yadea and Aima, Tianneng has designated service specialists for special connection, effectively improving the efficiency of market service.

QQ

400

2022

248

2022

4

In 2022, through digital technology, the Group focused on building an online and offline three-dimensional after-sales service platform, and has basically completed the construction of 1,000 after-sales service networks nationwide, fully realizing the after-sales service time-effectiveness commitment of 4-hour response and 3-day processing.

1,000

3

In order to further implement quality assessment management and ensure stable improvement of product quality, the company has recently formulated the Product Quality Assessment and Supervision Mechanism. This mechanism clarifies the methods of quality assessment and quality accountability and distinguishes quality accidents based on the severity. In addition, the company has developed documentations, such as the Raw Material Quality Management Measures, Process Quality Management System, Market Quality Management System, and Operating Management Accountability System to assist in and promote product quality assessment.

Adhering to the principles of "openness and fairness, honest operation, long-term cooperation, and sharing and win-win", the Group focuses on global high-quality suppliers, commits itself to maintaining the healthy development of the supply chain ecosystem, and treats well its suppliers, win-win partners, and stakeholders to achieve interactive and win-win results of customer values, investor interests and enterprise development. The company has developed nine relevant management systems, including the Supplier Archives Management System, Supplier Audit Management Standards, and Supplier Exit and Elimination System, to effectively control supplier quality through a strict supplier access mechanism. At the same time, the company has developed a series of management measures for anti bribery in the supply chain which effectively improves the supply chain sustainability.

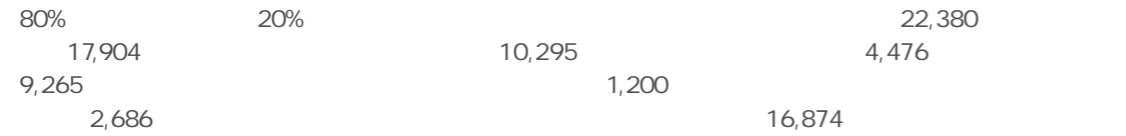
In order to ensure fairness and sustainability between the company and its suppliers and to prevent corruption incidents, the Group requires its suppliers to sign an "Integrity Agreement" before cooperation, which effectively avoids the risk of bribery in the procurement process, thereby achieving stable development of the company's supply chain.

In the future, the Group will continue to promote integrated supply chain upgrade and comprehensively optimize supply chain management.

Internally, we optimize the supply chain business process, innovate supply chain technology and model, focus on the logistics links of the supply chain, and build a "Tianchang intelligent transportation" platform to realize visual logistics and visual monitoring, which means that customers can better implement the control of goods rights. In the future, we will build a supply chain integrated service platform integrating online transaction, fund settlement, logistics service, financial service and information service, so as to improve the market response efficiency of the supply chain and the quality and stability of products and services.

Externally, we establish strategic alliance of supply chain. While fully learning from and absorbing quality experience of suppliers, we regularly organize and carry out qualified supplier evaluation. Through the investigation and review of product quality, process equipment, process control, technical services, safety production and other contents, timely sharing of experience, we will put forward reasonable suggestions, and explain that some suppliers improve their management level through technical, financial and human support, so as to jointly improve the competitiveness of the value chain system.

The fuel consumption of motorcycles 100 kilometers is 2.5 liters, the carbon emission coefficient of gasoline is 2.3Kg per liter, the emission of motorcycles per 100 kilometers is 5.75Kg, and the emission of 100 million kilometers is 5,750 tons. The fuel consumption of cars is 9 liters per 100 kilometers, the carbon emission coefficient of gasoline is 2.3Kg per liter, the emission of cars is 20.7Kg per 100 kilometers, and the emission of 100 million kilometers is 20,700 tons.



Let's say replacing 80% of motorcycle miles and 20 % of car miles. Then, the battery mileage (Cumulative mileage of 2238 billion kilometers) of Tianneng sold a year instead of motorcycle mileage is 1790.4 billion kilometers, which can reduce carbon dioxide emission of 102,950,000 tons; the mileage of replacing cars' is 4476 billion kilometers and 92,650,000 tons of carbon dioxide emissions can be reduced. Since batteries themselves produce 1,200 tons of carbon dioxide per billion kilometers for electric vehicles. In this case, a total of 26.86 million tons of carbon dioxide are generated by the batteries sold by Tianneng in a year, so 168.740 million tons of carbon dioxide can be reduced by the batteries sold by Tianneng in a year.



Assuming that 1,000 pine trees are planted per hectare of land, it can absorb 1 ton of carbon dioxide per day, and 365 tons of carbon dioxide per year.

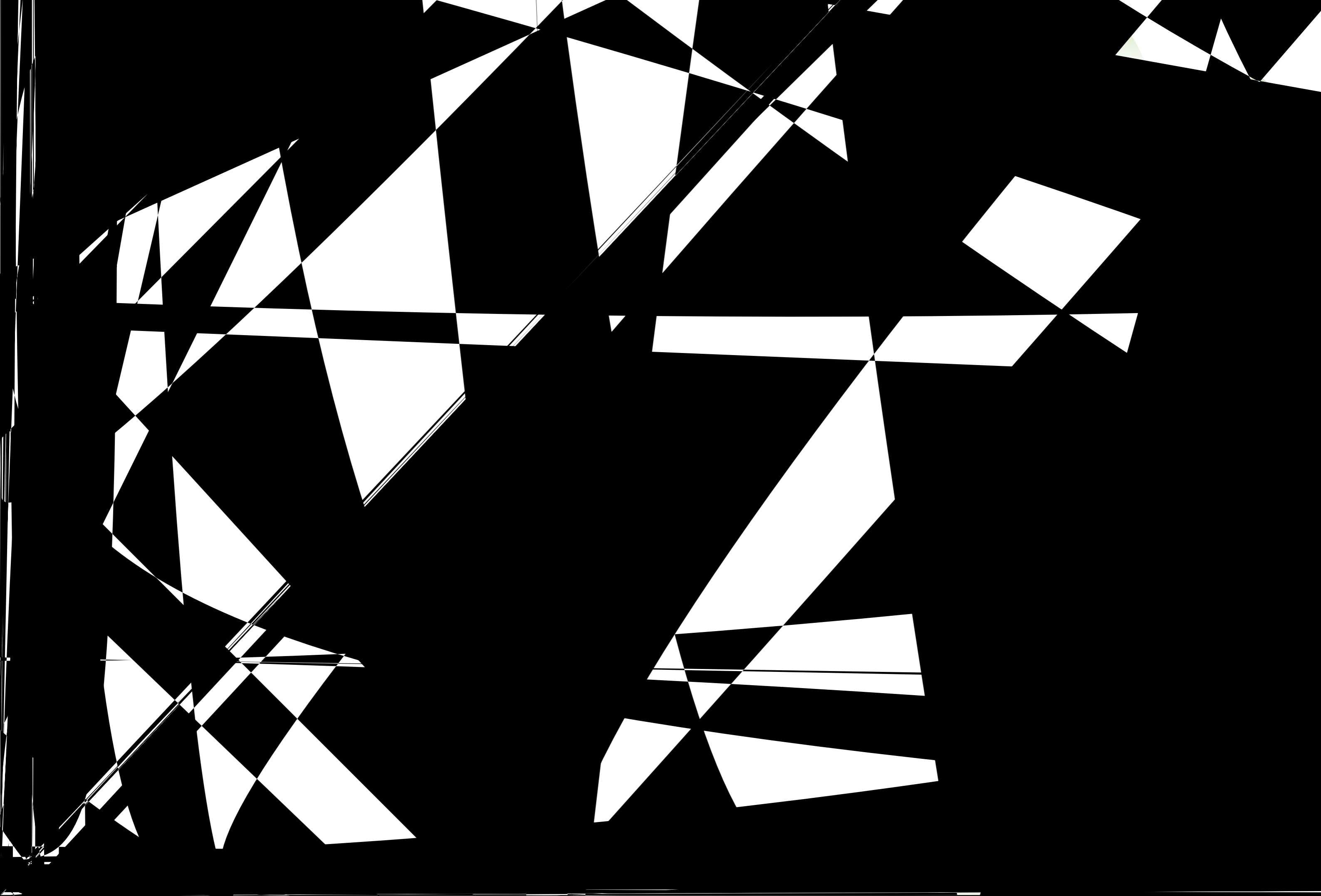


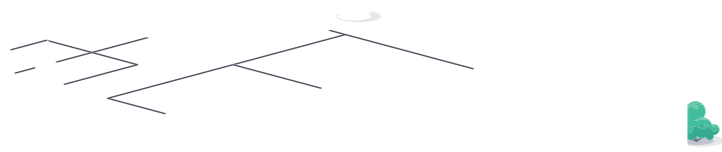
The batteries sold by Tianneng in a year can reduce carbon dioxide by 168.740 million tons, equivalent to the amount of carbon dioxide absorbed by planting 462,316 hectares of pine forest in a year. With 1,000 pine trees planted per hectare, the amount of carbon dioxide reduced by the batteries Tianneng sells in a year is equivalent to planting about 460 million pine trees.

Waste gas: The Group adopts appropriate technological means, introduces advanced equipment, and takes multiple measures to properly treat waste gas during production so as to meet regulatory requirements.

ISO14001
2022
B/O

Tianneng has passed the ISO14001 environmental management system certification. In 2022, in order to strengthen environmental management and reduce pollutant emission, Tianneng promulgated and implemented the Compilation of Environmental Safety Management System of Tianneng Holding Group (B/O version), including Environmental Safety Equipment and Facilities Management System, Pollutant Management System, Environmental safety Monitoring and Early Warning Management System, Three Simultaneous Environmental Safety Management System, Investment Project Environmental Safety Approval Management System, Clean Production Management System, and Carbon Resource Management System. At the same time, Tianneng has established the three-level management mode of the Group in the new period, and implemented the dual-track and parallel environmental safety management mechanism of "hierarchical environmental safety management" and "sub-line environmental safety management".





	2022	12	31
	37.93MW		140.10MW
	178.03MW		
	2022		
	5		
		16	
CO ₂	12,758.60		1,583

Tianneng Smart Energy is customer-oriented and provides one-stop low-carbon green power solutions for high energy consumption and high pollution parks or enterprises. Tianneng has established a photovoltaic green power system in the factory, and has made full use of the idle roof of the factory to install photovoltaic modules, supports, inverters, AC confluence boxes, access cabinets and other equipment to complete the construction of the photovoltaic system, which is connected to the power grid in the mode of self-generated and self-used surplus power grid. As of December 31, 2022, we have completed about 37.93MW rooftop photovoltaic project and planned to build about 140.10MW. When fully completed, the project will form a power generation capacity of 178.03MW and generate about 187 million KWh of green electricity per year. By 2022, Tianneng has completed the grid connection of five distributed energy projects in its production bases, including Wushan base in Zhejiang Province and Puyang base in Henan Province. Currently, 16 projects are planned or under construction. Taking the Jieshou Production Base Project in Anhui Province as an example, once completed, the project will provide 15.83 million KWh of green electricity annually and reduce CO₂ emissions by 12,758.60 tons annually.

In the field of resource regeneration, Tianneng takes the initiative to create a full endless loop of battery production, use, step utilization, recycling and resource regeneration to tap the value of the city's "new mines". Relying on the strong channel power of lead and lithium, through the terminal stores throughout the country, the waste battery is subject to dispersed recycling, centralized disposal, harmless recycling, forming an endless-loop circular economic ecosystem. At the same time, the national layout of the major recycling business has been accelerated. In addition to obtaining the qualification of pilot recycling in 15 provinces, the largest "recycling cloud" platform of used batteries in China has also been put into operation.

15

Energy storage and resource cycle is an important support for the realization of "Carbon Peaking and Carbon Neutrality" goal. Tianneng continues to improve with smart energy solutions and resource regeneration solutions, striving to build a green development ecosystem to build momentum for the future.

In smart energy, Tianneng actively develops multi-level ESS products and system solutions to promote the extension of the industrial chain and high-end upgrading. Especially in energy storage, Tianneng has developed a series of green high-energy lead carbon battery, li-ion battery, hydrogen fuel cell and other solutions, which can provide the best solution according to different application scenarios of customers. For example, on December 12, 2022, Tianneng, a subsidiary of the Group, reached a strategic cooperation intention with Tahoe and signed the Strategic Procurement Cooperation Agreement for Energy Storage Project. In the next three years, Tahoe will apply the Group's lead carbon battery cells in its projects, the total amount of which is no less than 30GWh. Among them, the energy storage power station with less than 3GWh is invested in supporting construction for the Group's production base.

2022 12 12

30GWh
3GWh

+ +

Tianneng Smart Energy Storage Power Station is widely used in photovoltaic + ESS, wind power + ESS and other fields on the grid side and user side. It has created the grid side project of Changxing Zhicheng Energy storage Power Station, the Off-grid Project of Photovoltaic Energy Storage in Africa, the user side project of Shanghai Songjiang, and the smart micro-grid system of Changsha Automobile Industrial Park, etc.

2022 10

(TGA)

In October 2022, the Tianneng Globalization Alliance (TGA) was formally established in Shenzhen, which was initiated by Tianneng and participated by various enterprises and expert representatives in various professional fields, which will further play a positive role in the development of new energy application needs, construction of industrial ecology, coordinated promotion of key technologies, standard formulation, technology testing and certification, and enhancement of industrial influence and recognition.

CASE

After nine years of cooperation, Tianneng and Anhui Heli Co., Ltd. have discussed their future strategic cooperation. During the period, the two sides signed a strategic cooperation framework agreement, and carried out in-depth exchanges on cooperation in such fields as technological innovation, recycling, and utilization of lead, hydrogen and lithium storage, intelligent logistics and after-market services. Tianneng and Heli are both in the new energy industry. They have deep career origins and are closely linked to each other. Since the cooperation, the two sides have trusted and supported each other for win-win cooperation, made full use of their respective advantages, and contributed to the energy transformation and technological innovation of the new energy industry. It is hoped that the two sides will expand cooperation and create more "sparks".



2022 5 31

22.5 /

13.5 /

2024

Aiming at the new opportunity of the national "dual carbon" strategy, based on the strategic layout of the two companies and the long-term consideration of high-quality development, On May 31,2022, Tianneng and Aerospace Ecology reached cooperation on environmental protection comprehensive project, and held the cooperation signing ceremony. The signing of this contract is an important milestone in the cooperation between Tianneng and Aerospace Ecology, which will greatly promote the construction of Tianneng resource recycling and environmental protection project. The total planning and design scale of the project is 225,000 tons/year, including the proposed capacity of 135,000 tons/year in the first phase, which is scheduled to be put into operation in early 2024.



2022 12 12

On December 12, 2022, Tianneng, State Power Investment Corporation Limited("SPIC"), State Grid Corporation of China("SGCC") and Changxing Taihu Electric Co., Ltd.("Taihu Electric") reached a strategic partnership and signed cooperation agreements on shared ESS projects such as Changxing Heping Town and Meishan Town, which will help realize China's energy green revolution and "Carbon Peaking and Carbon Neutrality" goals.

5G

In this cooperation, Tianneng will work together with SPIC, SGCC and Taihu Electric to give full play to their respective advantages in industry, technology, products, resources, policies, talents and other aspects. Based on the principle of "complementary advantages, resource sharing, mutual promotion and common development", we will jointly explore innovation and carry out in-depth cooperation in the field of energy storage and comprehensive energy management services, and jointly build a new energy system based on new energy, which will be widely used in the user side, 5G base stations and sharing.



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These two major adjustments are the core ideas of Zhang Tianren's Suggestions on Further Supporting Lead-acid Battery Industry to Develop circular Economy and Promoting Comprehensive and Efficient Utilization of Resources submitted to the national "Two Sessions". After two consecutive years of appeals, this proposal, which relates to the high-quality development of the comprehensive utilization of resources industry, has become a reality.

2022

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28

In 2022, Zhang Tianren submitted 28 proposals and suggestions during the national "Two Sessions", including four proposals and 24 suggestions, which cover promoting the national " Carbon Peaking and Carbon Neutrality " strategy and energy structure transformation, promoting rural revitalization and common prosperity, supporting the real economy, advocating green development of enterprises, encouraging green travel, promoting the integration of the Yangtze River Delta and other major national strategies and social and livelihood issues. These proposals have received widespread media attention.

2022 4

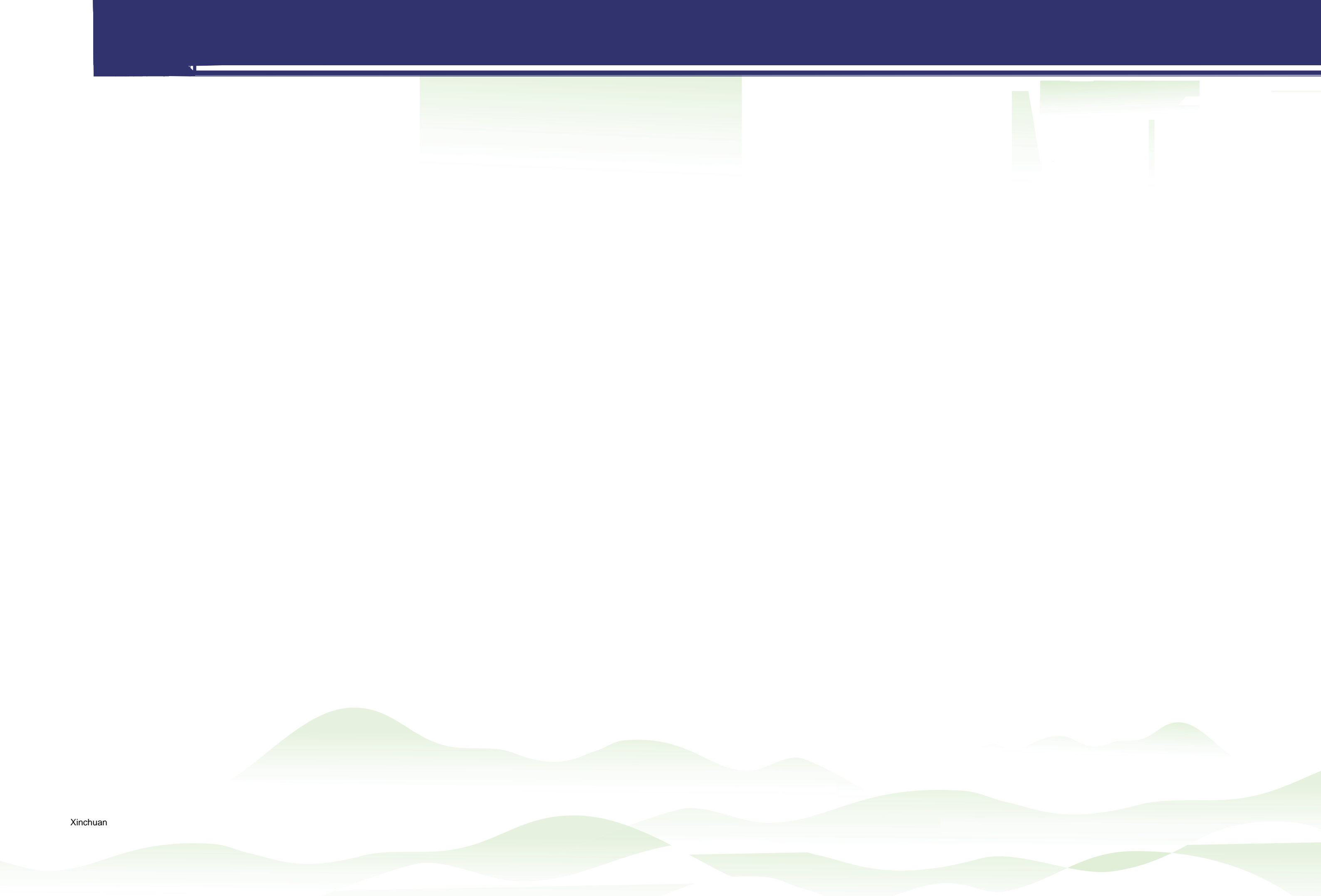
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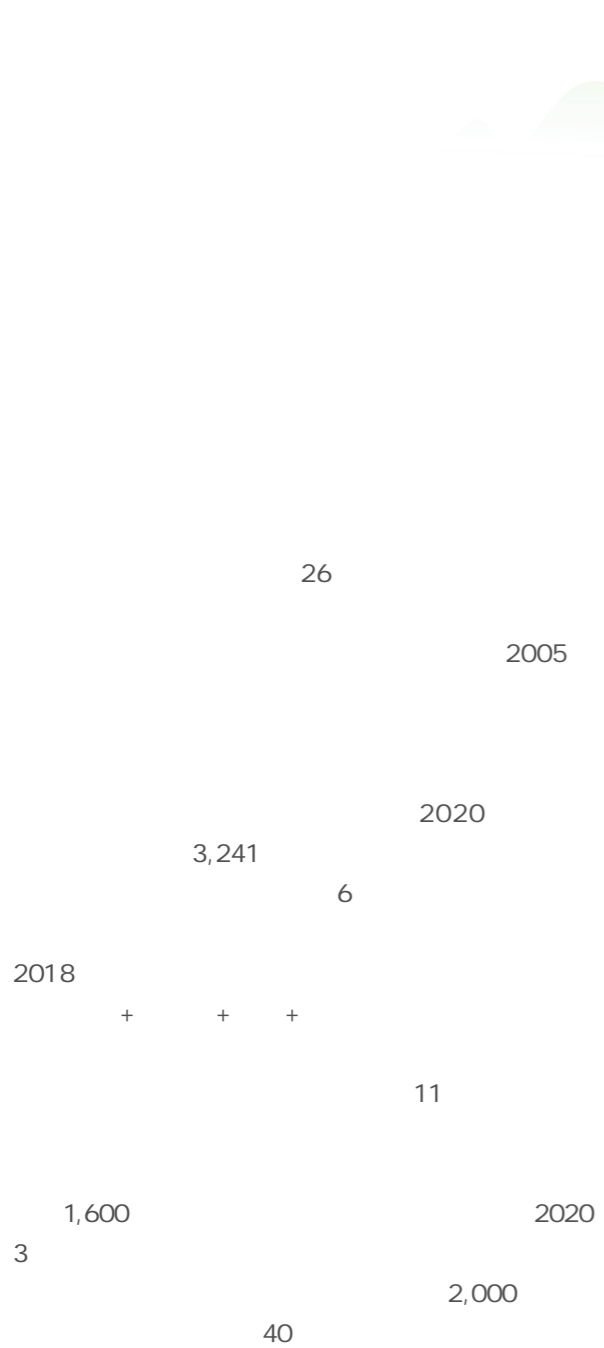
2022 7

2022 4

In April 2022, Shanghai epidemic prevention and control is at a critical moment. Under the command of Chairman of the Board, Zhang Tianren, Tianneng urgently donated a batch of outdoor mobile power supplies to the Red Cross Society of Minhang District of Shanghai to help Shanghai fight the epidemic. Earlier, Tianneng also donated a batch of biodegradable plastic bags and other anti-epidemic supplies. On April 21, 2022, a truck loaded with Tianneng outdoor mobile ESS departs from Changxing to help Shanghai fight the epidemic. In July 2022,







For a long time, Tianneng has also actively responded to the call of the national "East and West Cooperation" and Zhejiang "Mountain and Sea Cooperation", helped 26 counties leap forward development, carried out in-depth actions such as "Ten Thousand Enterprises Help Ten Thousand Villages" and "Partners Assistance", and promoted enterprises to formulate poverty alleviation plans for industry promotion, interest linkage, employment and income increase. Since 2005, it has built factories in Henan, Jiangsu, Anhui, Guizhou and other provinces, and provided stable employment in Dahuang Town of Jiesshou City and Hexing Village in Shuyang County. Through poverty alleviation through employment, consumption and donation, tens of thousands of people have been provided with stable employment and livelihood. In 2020, 3,241 registered poor households in Yunnan, Guizhou and Sichuan provinces alone had stable employment in Tianneng, with an annual per capita income of over RMB 60,000.

In 2018, Tianneng Guizhou Branch landed in Taijiang, Guizhou, a national-level poor county, and built a poverty alleviation industrial park by the way of "company + poor households + minimum guarantee + dividend". Meanwhile, it continued to improve the construction of the industrial chain, opened up the upstream and downstream of the battery industry, directly drove the upstream industrial chain output value of RMB 1.1 billion, and effectively drove the upstream and downstream industrial chain cluster development, which will strive to build the most influential industrial base for recycling waste power batteries and recycling economy in Southwest China. The benefits have connected 1,600 poor households and ensured their long-term poverty alleviation. In March 2020, Taijiang County was removed from the list of poor counties. At present, Tianneng Guizhou is stepping up the construction of the southwest after-sales center of the third phase of the project, creating 2,000 jobs with the industrial output value reaching RMB 4 billion.

In November 2022, Tianneng Meishan Company ordered 500 boxes of red flesh plum to help fruit farmers in Wenchuan County to generate income and alleviate poverty. The love subscription alleviates the unsalable dilemma of red flesh plums of Wenchuan County, so that fruit farmers tide over difficulties and help "good goods out of the mountain".

In addition, Tianneng also "hand in hand" with Zhejiang Qingyuan County for partner assistance, which aims to help Qingyuan County achieve leapfrog development. They signed a development cooperation framework agreement to head for common prosperity through mountain and sea cooperation.

Zhang Tianren, Chairman of the Board, has been advocating rural revitalization for a decade as a deputy to the National People's Congress. He has put forward a number of proposals on promoting high-quality development of rural revitalization, including Suggestions on Further Building, Managing and Utilizing Rural Cultural Halls and Suggestions on Inheriting and Innovating Excellent Traditional Local Culture to Help Rural Revitalization. By building and strengthening the fighting fortress of grass-roots Party organizations, taking green industry as the lead, and developing a multi-business economy, he led the villagers to get rich collectively and march towards common prosperity.

In terms of charity, Tianneng won the "Rural Revitalization Award" in September 2022, and the fourth "Huzhou Charity Award" - "Institutional Donation Award" in December 2022. In terms of social responsibility, Tianneng also won the honors of "Zhejiang Joint Effort and Common Prosperity Model Enterprise", "2021 Zhejiang Province Enterprise Social Responsibility Excellent Report", "2021 Zhejiang Province Enterprise Social Responsibility Benchmark Enterprise (Community Participation and Development)", and "Top Ten Public Relations Cases of Ecological Civilization Construction in Huzhou City". These honors and awards once again witness the values and views of righteousness and profit of Tianneng, as a responsible leader in the new energy industry, which has been practicing "thinking about the source of wealth and balancing interests and obligations" for a long time.

附錄02:
《環境、社會及管治報告》指標索引

Appendix 02:
Indicator Index of the Environmental,
Social and Governance Report

指標索引

A. 環境

一般披露

關鍵績效指標 A1.1

關鍵績效指標 A1.2

層面 A1:
排放物

一般披露



層面
發展

層面

層面

