天能股份

2025

Sustainability Report

Tianneng Battery Group Co., Ltd.

(Stock Code:688819)

CONTENTS

Report Preparation Notes

Report Introduction

This report is the 5th Sustainable Development (ESG) Report released by Tianneng Battery Group Co., Ltd., aiming to systematically disclosing the company's concepts, management, actions, as well as highlighted initiatives and performance in environmental, social, and governance aspects for the fiscal year 2025. It aims to communicate effectively with all stakeholders and systematically respond to their expectations and demands.

Time Scope

From January 1, 2025 to December 31, 2025, to enhance the comparability and forward-looking nature of the report, certain content was appropriately extended to adjacent years.

Data Explanation

The financial information in this report is extracted from the Company's 2025 Annual Report. In case of discrepancies with the Annual Report, the Annual Report shall prevail. Other information is derived from the operational records of the Company and its subsidiaries. Unless otherwise specified, all currencies involved in this report are denominated in RMB.

Preparation Principles

- "Sustainable Development Goals (SDGs) Corporate Action Guide"
- Global Reporting Initiative "Sustainability Reporting Standards"(GRI Standards)
- Shanghai Stock Exchange "Shanghai Stock Exchange's Self-Regulatory Guidelines for Listed Companies No. 14 – Sustainability Report (Trial)"
- Shanghai Stock Exchange "Shanghai Stock Exchange's Self-Regulatory Guide for Listed Companies on the STAR Market No. 13 – Sustainability Report Preparation"
- China Association for Public Companies' "Guideline for Sustainability Reporting of Listed Companies"
- Chinese Academy of Social Sciences' "Guide for Chinese Enterprise Sustainability Reporting"(CASS-ESG 6.0)

Sources of Information

The data sources used in this report include the Company's actual operational raw data, public data from government departments, annual financial data, internal relevant statistical reports, third-party questionnaire surveys, and third-party evaluation interviews. The financial data in this report is denominated in RMB. In case of inconsistencies with the financial report, the financial report shall prevail.

Report Access

An electronic version of this report is available for viewing and download on the Company's official website at http://www.cn-tn.com/or on the Shanghai Stock Exchange website at http://www.sse.com.cn/. For any questions or suggestions regarding this report, please send an email to dshbgs@tianneng.com or call 0572-6029388.

Terminology Explanation

Terminology in the Text	Refers to
"This Report"	2025 Sustainability Report of Tianneng Battery Group Co., Ltd.
"This Year,""the Reporting Period,""Fiscal Year 2025"	January 1, 2025 to December 31, 2025
"SSE"	Shanghai Stock Exchange
"Tianneng Co., Ltd.," "the Company,""we," "Tianneng"	Tianneng Battery Group Co., Ltd.
"Tianneng Holdings"	Tianneng Holdings Group Co., Ltd., the Company's controlling shareholder
"Tianwang Energy"	Zhejiang Tianwang Intelligent Energy Co., Ltd.
"Haoyang Technology"	Zhejiang Haoyang New Energy Technology Co., Ltd.
"Tianneng Anhui"	Tianneng Battery Group (Anhui) Co., Ltd.
"Tianneng Henan"	Tianneng Group (Henan) Energy Technology Co., Ltd.
"Tianneng Jiangsu"	Tianneng Battery Group (Jiangsu) Power Co., Ltd.(formerly known as Zhejiang Tianneng Battery (Jiangsu) Co., Ltd.)
"Tianneng Wuhu"	Tianneng Battery (Wuhu) Co., Ltd.
"Power Energy"	Zhejiang Tianneng Power Energy Co., Ltd.
"Tianneng Auto Battery"	Zhejiang Tianneng Automotive Battery Co., Ltd.
"Jiangsu Technology"	Tianneng Group Jiangsu Technology Co., Ltd.
"Energy Storage Technology"	Zhejiang Tianneng Energy Storage Technology Development Co., Ltd.(formerly known as Tianneng Saft Energy Joint Stock Company)
"Tianneng Guizhou"	Tianneng Group Guizhou Energy Technology Co., Ltd.
"Wanyang Energy"	Jiyuan Wanyang Green Energy Co., Ltd.
"Henan Jingneng"	Henan Jingneng Power Supply Co., Ltd.
"Tianneng New Energy"	Zhejiang Tianneng New Energy Co., Ltd.
"Tianneng Ma'anshan"	Tianneng Battery Group (Ma'anshan) New Energy Technology Co., Ltd.
"Tianneng Hydrogen Energy"	Zhejiang Tianneng Hydrogen Energy Technology Co., Ltd.
"Huzhou New Energy"	Tianneng New Energy (Huzhou) Co., Ltd.
"Tianneng Energy Storage"	Zhejiang Tianneng Energy Storage Co., Ltd.(formerly known as "Zhejiang Tianneng Lithium Battery Technology Co., Ltd.")
"Technology Materials"	Zhejiang Tianneng New Energy Technology Materials Co., Ltd.
"Tianneng Power"	Tianneng Power International Limited

Chairman's Address

Chairman of Tianneng Co., Ltd.
Zhang Tianren

Setting Sail with Green Technology, Marching Forward with the Future Era

2025 is a critical year accelerating global energy transformation and advancing sustainable development towards deeper practice. Tianneng Co., Ltd. deeply understands the pulse of the times and has proactively elevated climate change coping with the core of its corporate strategy and governance. Guided by the Board's "Strategy and Sustainable Development Committee", we have established from the top-level design a firm course for ESG to lead high-quality development. We consistently adhere to our mission of "Providing Green Energy, Empowering a Better Life," anchoring ourselves in a new development pattern driven by the "four wheels" of "Technology, Market, Capital, and 'Dual-Carbon'", and the "three linkages" of "Digital Intelligence, Platformization, and Ecology". We remain steadfast amidst changes, accumulate strength amidst challenges, and comprehensively demonstrate our strategic resilience and contemporary responsibility as an industry leader.

Building a Foundation of Governance, Steering a Green Course

We firmly believe that excellent governance is the fundamental guarantee for sustainable development. This year, we comprehensively upgraded our sustainable development governance system, deeply integrated ESG factors into decision-making processes and risk management. We established a substantive Energy, Carbon, and EHS Management Center to systematically promote carbon emission reduction throughout the entire lifecycle. By continuously improving the corporate governance structure and strengthening transparent and compliant information disclosure, we are committed to upholding the highest standards of governance, solidifying the foundation for the Company's long-term development, and building trustworthy, mutually beneficial partnerships with all stakeholders.

Uniting the Power of Innovation, Driving the Green Revolution

Technological innovation is the key to addressing global climate challenges and opening the door to future energy. Driven by the dual engines of "Power Battery" and "Energy Storage System", we continuously push forward with cutting-edge technologies such as solid-state batteries, sodium-ion batteries, and hydrogen energy, striving to provide diversified zero-carbon energy solutions. Simultaneously, we are dedicated to transforming the national imperative for a circular economy into our unique core competitive advantage. From national-level "Green Factory" to internationally certified "Zero-Carbon Factory", from efficient digital intelligent manufacturing to the high-value utilization of waste batteries, we interpret the essence of green intelligent manufacturing through concrete actions and contribute a replicable "Tianneng Model" for industrial transformation.

Practicing the Path of Responsibility, Co-creating the Beauty of Harmony

At Tianneng, value creation is always closely linked with responsibility. We firmly believe that the foundation of an enterprise lies in its people, and its glory lies in giving back to society. We continuously deepen the common prosperity model centered on "Village-Enterprise Co-construction", transforming industrial advantages into endogenous drivers for rural development. Our practice of co-creating and sharing a beautiful homeland has gained national recognition and promotion. We regard every employee as our most valuable asset, build platforms for growth, promote the spirit of model workers and craftsmanship culture, and stimulate employees' innovative vitality and sense of belonging. We actively participate in public welfare, caring for communities and supporting education through concrete actions, fulfilling our responsibilities as a corporate citizen on a broader scale.

Riding the Waves of a New Journey, Heading Towards a Zero-Carbon Future

Looking ahead, carbon neutrality is not only a global consensus, but also the guiding star for industrial progress. Tianneng Co., Ltd., with the vision of "Becoming the Most Respected World-Class New Energy Company", technological innovation as its unceasing engine and the "Three Major Constructions" of organization, capability, and culture as its solid support, will strive to build a modern, distinctive industrial system that leads the industry. We share Chinese wisdom in green manufacturing and the circular economy with global partners to jointly address climate change, the common challenge of humanity.

The road ahead is long and arduous, but with persistence, we will reach our destination. Tianneng Co., Ltd. is willing to join hands with all strivers and companions to drive a sustainable future with green technology and contribute an inexhaustible "Tianneng Power" to building a beautiful world where humanity and nature coexist in harmony!

About Tianneng Co., Ltd.

Company Profile

Tianneng Battery Group Co., Ltd. is a leading global provider of green energy system solutions. Listed on the Science and Technology Innovation Board of the Shanghai Stock Exchange in 2021(Stock Code: 688819), the Company is a leading enterprise in China's new energy battery industry.

The Company has long focused on the research, development, production, and sales of green power and energy storage systems centered on multiple technology routes including lead-acid batteries, lithium-ion batteries, hydrogen fuel cells, and sodium-ion batteries. In recent years, the Company has actively implemented the national "Dual-Carbon" strategy, striving to build a business pattern driven by the dual engines of "Power Battery" and "Energy Storage System", while deeply cultivating cutting-edge technologies such as solid-state batteries, sodium-ion batteries, and hydrogen energy. The Company is committed to providing integrated solutions for global transportation electrification, energy greening, and industrial digital transformation.

The Company insists on driving sustainable development through technological innovation and deeply integrates ESG concepts into its corporate governance and strategy. Upholding our mission of "Providing Green Energy, Empowering a Better Life," and following the main development lines driven by the "four wheels" of "Technology, Market, Capital, and 'Dual-Carbon'", and the "three linkages" of "Digital Intelligence, Platformization, and Ecology", we continuously improve the green industrial system, actively fulfill social responsibilities, and strive to become the most respected world-class new energy company, contributing to the construction of a beautiful world where humanity and nature coexist in harmony.

Digital Tianneng

1986 — Founded in 1986, deeply rooted in the new energy industry for 39 years

2021 — Listed on the SSE STAR Market in 2021

121.95 MW — Cumulative installed capacity of photovoltaic projects constructed by subsidiaries by 2025(providing approximately 118 million kWh of green electricity annually)

95,499 tons — Annual carbon dioxide equivalent reduced by photovoltaic projects in 2025

288 items — Accumulated participation in formulating 4 international standards, 109 national standards, 57 industry standards, and 118 group standards, totaling 288 standards

Business System

As a leading enterprise in China's new energy battery industry, Tianneng Co., Ltd. has established a business system in the new energy field with electric light vehicle power batteries as its core and energy storage batteries as its second growth engine. It has also extended its business scope to niche sectors such as backup batteries, automotive start-stop batteries, and other categories including 3C batteries and power batteries for electric special vehicles, etc., forming a comprehensive business structure integrating R&D, production, and sales. Relying on the concept of "Green Power" and through full lifecycle management model innovation, the Company provides efficient and environmentally friendly battery solutions for areas such as transportation, logistics and delivery, and clean energy. It actively deploys cutting-edge technologies such as solid-state batteries, sodium-ion batteries, and hydrogen fuel cells, promoting the coordinated development of diversified technologies. Leveraging its strong production capacity and extensive marketing network, Tianneng Co., Ltd. continuously strengthens technological R&D and industrial upgrading, striving to become a globally leading green energy supplier and injecting strong momentum into sustainable development.

2025 Tianneng Major Events

In 2025, Tianneng Co., Ltd. used "green" as its brush and "innovation" as its ink, leaving a brilliant mark on the canvas of sustainable development. This year, we exerted comprehensive efforts across dimensions such as strategic planning, technological innovation, international cooperation, and social responsibility, collectively composing a chapter of striving for high-quality development.

◎ January 2025

On January 15, Tianneng's hydrogen energy project was successfully selected for **Zhejiang Province's Green and Low-Carbon Technology Promotion Directory**, anchoring a technological benchmark for the clean energy transformation pathway.

On January 23, the Ministry of Industry and Information Technology published the National Level Green Factory list, with Henan Jingneng being selected.

◎ March 2025

During the Third Session of the 14th National People's Congress, Chairman Zhang Tianren, as a National People's Congress Deputy, appeared for the first time on the inaugural "Deputies' Corridor" during the Two Sessions. He shared the story of "Xinchuan's Transformation" with global media, brilliantly illustrating the corporate responsibility and social commitment under the "Two Mountains" concept, sparking widespread resonance and acclaim.

◎ April 2025

On April 15, following rigorous international standard certification, Tianneng's **first "Zero-Carbon Factory"** was officially established, marking the entry of Tianneng Co., Ltd.'s green manufacturing system into the zero-carbon era and providing a practical model for the industry's sustainable development.

◎ May 2025

On May 25, **Tianneng Ma'anshan Hexian Energy Storage Power Station**, Anhui Province's largest capacity user-side energy storage project, was officially put into operation. As a benchmark of the "Green Power+Green Factory" model, it significantly enhanced the regional power grid's regulation capacity and the level of green energy utilization.

◎ June 2025

On June 6, the company's office in Istanbul, Turkey, was officially inaugurated, opening a new fulcrum for deepening its presence in the Eurasian market and serving global customers.

On June 29, Tianneng Co., Ltd. passed the **"International Standard certification of Innovation Management – Intellectual Property Management Guidelines (ISO 56005)"**, becoming one of the first enterprises in the new energy industry to obtain this certification, establishing an international management system guarantee for innovation-driven development.

◎ July 2025

Tianneng Holdings was selected for the "2025 Zhejiang Merchants ESG Classic 100", highlighting the Group's ESG commitment, with Tianneng Co., Ltd. playing a significant exemplary role within it.

On July 18, the launch ceremony for the mass publicity month series of activities commemorating the 20th anniversary of the "Lucid waters and lush mountains are invaluable assets" concept in Huzhou City was held. Chairman Zhang Tianren received the "Green and Low-Carbon Pioneer" crystal commemorative medal.

On July 30, the Shandong Solid 10MW/20MWh Industrial and Commercial Energy Storage Power Station, jointly built by the company and Xuzhou Hechuang New Energy Co., Ltd. This Energy Storage Station is the largest industrial and commercial energy storage benchmark project in Feicheng, Shandong Province.

◎ August 2025

On August 18, Tianneng's new start-stop series of sodium-ion battery automotive batteries were launched, with the main new products H5, H6, and H7 attracting significant attention.

◎ September 2025

On September 2, the Ministry of Industry and Information Technology published the 5G Factory Directory, with Tianneng New Energy and Tianneng Ma'anshan being recognized as "National Level 5G Factories."

On September 18, the company's independently developed 48V150AH lithium iron phosphate battery project achieved large-scale application, earning ZTE Corporation's highest rating of "S-Level Supplier" and the "Best Delivery Support Award."

On September 30, Tianneng Co., Ltd. received a credit rating report from authoritative credit rating agency Orient Golden Credit Rating International, confirming its issuer credit rating as AAA with a "stable" outlook.

◎ October 2025

On October 10, at the IEC TC21 International Standards Seminar on New Proposals for Sodium-ion Batteries, the company's international standard proposal was unanimously approved by all 17 P-member countries.

On October 17, the Tianneng Xiaofeng 100MW/200MWh Smart Low-Carbon Comprehensive Energy Project commenced construction in Anji. This project is a comprehensive energy demonstration project integrating "Green Storage+Green Factory+Green Source+Green Valley+Green Grid."

On October 20, the Ministry of Industry and Information Technology published the National Level Specialized and Sophisticated "Little Giant" Enterprise list, with Jiangsu Technology being selected.

◎ November 2025

On November 9, the company was invited to attend the Nigeria Smart Agriculture Cargo Project Launch Event and reached cooperation intentions with two local enterprises.

◎ December 2025

On December 13, Phase II of the Vietnam Base was put into operation, further deepening the company's global layout. This base is the company's first overseas integrated industrial base independently invested in and constructed, receiving high attention from Vietnamese Prime Minister Pham Minh Chinh, who met with company leaders twice and showed concern for the project's construction and development progress.

On December 29, the 500MW/2000MWh Independent Energy Storage Power Station Project in Huade County, Ulanqab, Inner Mongolia, was successfully connected to the grid and put into operation. Tianneng Energy Storage's 314Ah lithium iron phosphate battery cells served as the core supporting component, contributing to the development of key new-type power system projects in Inner Mongolia.

2025 Main Honors

1. March 4

Polaris Power Grid

Energy Storage Influential Battery Supplier/System Integrator

2. May 21

Securities Times, Academy of Financial Research, Zhejiang University

Most Favored by Institutions (STAR Market) Top 10 List of Zhejiang Listed Companies

3. September 26

Organizing Committee of Kerui International Innovation Festival

Brand Innovation Silver Award

4. October 11

SNEC Organizing Committee

Innovative Enterprise Award

5. October 11

National Energy Research Institute

Top 10 Energy Storage Battery Suppliers

6. November 6

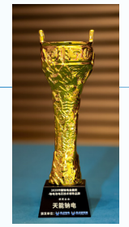
Starting Point Sodium Battery

Pioneer Brand in Sodium Battery Downstream Application Development

7. November 6

Starting Point Sodium Battery

Sodium Battery Cell Technology Leadership Brand



8. November 9

ZTE Corporation

Best Delivery Support Award

9. November 20

Yanzhi Robot

Top 30 Embodied AI Robot Pioneers-Outstanding Product Award

10. November 26

Mariana

Golden Edge Award-Annual Brand Enterprise

11. November

China Association for Public Companies

2025 Listed Company Sustainability Outstanding Case

12. November

China Association for Public Companies

2025 Listed Company Board of Directors Best Practice

13. December 12

GGII Lithium Battery

GGII Golden Globe Award-Annual Market Development

14. December

China Association for Public Companies

2025 Listed Company Board Office Best Practice

Importance Assessment of Issues

Dual Importance Analysis

In 2025, in order to better respond to the expectations and demands of our stakeholders, based on the principle of "dual importance" in the Shanghai Stock Exchange's Self-Regulatory Guidelines for Listed Companies No. 14 – Sustainability Report (Trial), the Company conducted stakeholder research from the dimensions of "financial importance" and "impact importance" through methods such as external benchmarking, internal surveys, and questionnaire surveys to understand their expectations regarding the Company's ESG-related aspects.

Importance Issue Analysis Process

Following the evaluation steps of "Analysis, Identification, Assessment, Review", we systematically conducted relevant party research. For impact materiality topics, a questionnaire survey on material topics was distributed to all stakeholders, with a total of 117 valid questionnaires collected. Financial materiality topics were evaluated through expert reviews. By conducting interviews with relevant experts in the financial sector and having them complete survey questionnaires, we identified the Company's list of financially material topics, systematically recognizing the key ESG issues the Company faces and future development directions. The specific process is as follows:

Through policy analysis, industry research, peer benchmarking, stakeholder communication and surveys, we identified major trends relevant to the Company. Integrating national policies and focal points of the capital market, we identified material topics.

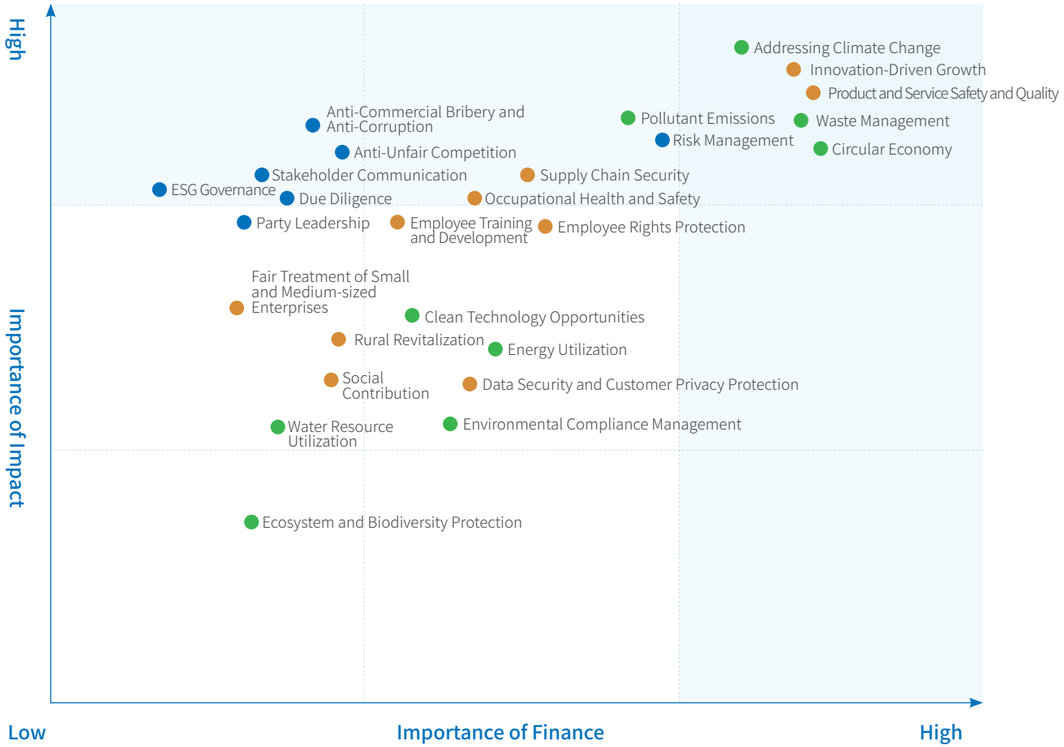
The Company's management reviewed the analysis results of material topics, confirming the key disclosure content of this report and future ESG management work objectives and implementation plans.

By studying and analyzing the Company's regulatory background, business model, development strategy, operational situation, etc., combined with methods such as peer benchmarking, we identified the Company's stakeholders.

Materiality topic assessment questionnaires were distributed to stakeholders, and based on the questionnaire survey results, a materiality matrix was plotted.

Importance Issue Matrix

The assessment results of impact materiality and financial materiality for each topic were aggregated to form the Double Materiality Matrix.



- Anti-Commercial Bribery and Anti-Corruption
- Anti-Unfair Competition
- Stakeholder Communication
- ESG Governance
- Due Diligence
- Party Leadership
- Risk Management

- Innovation-Driven Growth
- Product and Service Safety and Quality
- Supply Chain Security
- Occupational Health and Safety
- Employee Training and Development
- Employee Rights Protection
- Fair Treatment of Small and Medium-sized Enterprises
- Rural Revitalization
- Social Contribution
- Data Security and Customer Privacy Protection

- Addressing Climate Change
- Pollutant Emissions
- Waste Management
- Circular Economy
- Clean Technology Opportunities
- Energy Utilization
- Water Resource Utilization
- Environmental Compliance Management
- Ecosystem and Biodiversity Protection

Tianneng Co., Ltd. 2025 Material Topics Database

Topic Category	Material Topics	Corresponding Sustainable Development Goals (SDGs) issued by the United Nations
Environmental Aspects	1. Addressing Climate Change 2. Pollutant Emissions 3. Waste Management 4. Ecosystem and Biodiversity Protection 5. Environmental Compliance Management 6. Energy Utilization 7. Water Resource 8. Circular Economy 9. Clean Technology Opportunities	6 CLEAN WATER AND SANITATION 7 AFFORDABLE AND CLEAN ENERGY 11 SUSTAINABLE CITIES AND COMMUNITIES 13 CLIMATE ACTION 14 LIFE BELOW WATER 15 LIFE ON LAND
Social Dimension	10. Innovation-Driven Growth 11. Social Contribution 12. Rural Revitalization 13. Supply Chain Security 14. Fair Treatment of Small and Medium-sized Enterprises 15. Product and Service Safety and Quality 16. Data Security and Customer Privacy Protection 17. Employee Rights Protection 18. Employee Training and Development 19. Occupational Health and Safety	1 NO POVERTY 3 GOOD HEALTH AND WELL-BEING 4 QUALITY EDUCATION 5 GENDER EQUALITY 8 DECENT WORK AND ECONOMIC GROWTH 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 11 SUSTAINABLE CITIES AND COMMUNITIES 12 RESPONSIBLE CONSUMPTION AND PRODUCTION
Governance Dimension	20. Due Diligence 21. ESG Governance 22. Anti-Commercial Bribery and Anti-Corruption 23. Anti-Unfair Competition 24. Party Leadership 25. Stakeholder Communication 26. Risk Management	10 REDUCED INEQUALITIES 16 PEACE, JUSTICE AND STRONG INSTITUTIONS 17 PARTNERSHIPS FOR THE GOALS

Stakeholder Communication

Tianneng Co., Ltd. attaches great importance to stakeholder engagement, continuously broadens communication channels, improves communication mechanisms, actively responds to the demands of all parties, and strives to build harmonious and win-win relationships. In 2025, we conducted in-depth exchanges with internal and external stakeholders centered on sustainable development practices. The following information communication channels are provided, and we sincerely invite all sectors of society to work together to promote sustainable development and achieve shared value.

Stakeholders	Topics of Concern	Communication Channels
Shareholders and Investors	● ESG Governance ● Risk Management ● Anti-Commercial Bribery and Anti-Corruption ● Stakeholder Communication ● Innovation-Driven Growth ● Clean Technology Opportunities	● Shareholders' Meeting ● Information Disclosure ● Company Annual Report ● SSE e-Interaction Platform ● Investor Communication Hotline/Email ● Roadshows and Investor Meetings
Government and Regulatory Authorities	● Environmental Compliance Management ● Pollutant Emissions ● Waste Management ● Addressing Climate Change ● Energy Utilization ● Water Resource Utilization ● Ecosystem and Biodiversity Protection ● Circular Economy ● Party Leadership ● Risk Management	● Compliance Report ● Supervision and Inspection Cooperation ● Policy Discussion and Reporting ● Visits Reception and Work Exchanges ● Tax Payment in Accordance with Laws ● Participation in National Strategic Projects
Employees	● Employee Rights Protection ● Employee Training and Development ● Occupational Health and Safety	● Workers' Representative Congress ● Trade Union Activities ● Diversification Symposia ● "Tianneng Voice" Online Platform ● Chairman's Mailbox/ Suggestion Box
Customers	● Product and Service Safety and Quality ● Data Security and Customer Privacy Protection ● Innovation-Driven Growth	● 400 Customer Service Hotline ● Customer Satisfaction Surveys and Follow-ups ● Industry Exhibitions and Forums ● Daily Business Liaison
Suppliers and Other Partners	● Supply Chain Security ● Fair Treatment of Small and Medium-sized Enterprises ● Anti-Commercial Bribery and Anti-Corruption ● Anti-Unfair Competition ● Due Diligence	● Supplier Audit and Access Evaluation ● Contract Appendices ● Daily Communication and Performance Evaluation ● Supplier Training and Guidance
Communities and the Public	● Social Contribution ● Rural Revitalization ● Ecosystem and Biodiversity Protection ● Waste Management	● Normalized "Village-Enterprise Co-construction" Collaboration ● Charitable Donations and Volunteer Services ● Open Days/Public Communication ● Environmental Information Disclosure
Industry Associations and Other Non-Governmental Organizations	● Innovation-Driven Growth ● Clean Technology Opportunities	● Industry Exhibitions and Forums ● Membership and Participation in Industry Association Work ● Lead or Participation in Standard Setting ● Technical Cooperation and Joint Initiatives

Due Diligence

For topics with high double materiality or high single materiality, the Company has conducted systematic analysis regarding their impacts, risks, and opportunities related to the business. Corresponding management measures have been formulated and implemented for the identified impacts, risks, and opportunities, with specific details available in the relevant sections of the report.

Issues	Type of Impact	Risks	Opportunities	Value Chain Link Affected	Time Dimension
Addressing Climate Change	**Positive Actual Impact:** Promote low-carbon transition of the entire industry chain, construct "zero-carbon factories", develop circular economy, improve energy efficiency and digitalization levels, and expand energy storage market.	Physical Risks:(floods, high temperatures, low temperatures, etc.) affect production and logistics; Transition risks (policy tightening, green trade barriers, supply chain fluctuations, etc.) increase operational pressure.	Growing demand for green and low-carbon products; circular economy emerging as a new growth driver; digital technologies aiding cost reduction and efficiency improvement; "zero-carbon factories" enhancing industry influence.	Upstream, Own Operations, Downstream	Short-term, Medium-term, Long-term
Innovation-Driven Growth	**Positive Actual Impact:** Establish a full-chain technological innovation system, achieve breakthroughs in core technologies, secure fruitful outcomes in industry-academia-research collaboration, and drive product iteration through R&D system.	Uncertainty in technological pathways, lagging market acceptance, risk of intellectual property infringement or leakage.	Deploy disruptive new energy technologies, deepen industry-academia-research collaboration, improve R&D efficiency through IPD system, and expand energy storage and solid-state battery markets.	Own Operations, Downstream	Short-term, Medium-term, Long-term
Product and Service Safety and Quality	**Positive Actual Impact:** Establish a full lifecycle quality system, obtain international certifications, optimize after-sales response rate, and ensure compliance with regulations on hazardous substance control.	Quality fluctuations in the supply chain, inadequate monitoring of production processes, upgrading of environmental protection regulations, and reputational risks from delayed after-sales handling.	Digital and intelligent quality control improving efficiency; improved service systems increasing customer stickiness; green products meeting ESG demands to break through market barriers.	Upstream, Own Operations, Downstream	Short-term, Medium-term, Long-term
Waste Management	**Positive Actual Impact:** Establish a "Zero-Waste Group" system, reduce waste at the source through green processes, ensure lower costs and environmental impacts via resource utilization of waste. **Potential Negative Impact:** High disposal costs of general solid waste, resource utilization technologies requiring optimization.	Environmental compliance risks, safety risks from hazardous waste leakage, outdated resource utilization technologies or market fluctuations affecting benefits, and policy upgrades increasing costs.	Advance the "Zero-Waste Group" construction, optimize green processes to reduce resource dependence, and meet customer's ESG demands.	Upstream, Own Operations, Downstream	Short-term, Medium-term, Long-term
Circular Economy	**Positive Actual Impact:** Utilization of renewable raw materials reduces dependence on raw material and carbon costs, and enhances the green brand image.	Fluctuations in resource supply and costs, rising compliance costs due to stricter environmental regulations, risks from illegal recycling channels, and loss of competitive advantage due to slow iteration of recycling technologies.	Strengthen reverse supply chains to hedge against price fluctuations, build green brands in response to policy requirements and accumulate intellectual property to participate in standard setting.	Upstream, Own Operations, Downstream	Medium-term, Long-term
Pollutant Emissions	**Positive Actual Impact:** Stable achievement of emission standards for exhaust gas, wastewater, and solid waste, partial achievement of wastewater reuse and solid waste resource utilization, improved governance system, and enhanced brand image.	Environmental compliance risks (excessive emissions), ecological and health risks (leakage), failures of treatment facilities, and cost increases caused by tightened policies.	Deepen source control and end-of-pipe technology innovation, promote resource utilization to reduce environmental protection costs, meet customer's ESG demands, and participate in standard setting.	Upstream, Own Operations	Medium-term, Long-term
Risk Management	**Positive Actual Impact:** Establish a full-process risk control system, conduct dynamic risk monitoring through data models, and link internal control assessment with performance to ensure the Company's sound operation. **Potential Negative Impact:** Significant investment in the establishment and monitoring of the risk control system; possible impact on efficiency due to decision-making processes.	Inadequate implementation of the system, failure of internal control, technical vulnerabilities in the risk control system, and insufficient response to rapid changes in the external environment.	Optimize models to enhance risk prediction capabilities, integrate ESG risks into the framework, support overseas business and diversification strategies, and enhance investor confidence.	Upstream, Own Operations, Downstream	Short-term, Medium-term, Long-term
Supply Chain Security	**Positive Actual Impact:** Establish a full-chain supply chain system, strictly control supplier access and assessment, implement responsible supply chain management, and ensure delivery and compliance. **Potential Negative Impacts:** A large number of suppliers make management difficult; supply fluctuations are caused by external factors; ESG levels of some suppliers vary, requiring continuous investment.	External risks (price fluctuations, supply disruptions, supplier non-compliance, etc.), internal risks (oversights in procurement plan, acceptance errors, etc.).	Deepen digital management to enhance resilience, cultivate green suppliers, implement responsible procurement to meet customer demands, and expand diversified supply channels to support overseas operations.	Upstream, Own Operations, Downstream	Short-term, Medium-term, Long-term
Occupational Health and Safety	**Positive Actual Impact:** Establish a four-in-one management system, conduct strategic planning and layout, implement hierarchical risk control and technological transformation to enhance intrinsic safety, and ensure safety transformation through digitalization and intelligence. **Potential Negative Impacts:** A large number of suppliers make management difficult; supply fluctuations are caused by external factors; ESG levels of some suppliers vary, requiring continuous investment.	On-site operation risks (leakage, fires, accidents), inadequate management, employee's non-compliant operations, and insufficient adaptation to overseas regulations.	Deepen digital and intelligent safety management for accurate risk prediction, improve the standard system to support overseas operations, strengthen safety culture to reduce accidents, and create industry benchmarks to enhance competitiveness.	Upstream, Own Operations	Medium-term, Long-term
Anti-Commercial Bribery and Anti-Corruption	**Positive Actual Impact:** Establish a comprehensive anti-corruption system, achieve full coverage of integrity education, conduct integrity supervision over suppliers, implement regular inspections and patrols, and ensure no related litigation during the reporting period.	Blind spots for link control (procurement, supply chain), interest transfer by suppliers, and inadequate implementation of system, which weakens deterrence.	Deepen digital anti-corruption supervision, incorporate integrity indicators into performance assessments, build a clean enterprise image to enhance credibility, and lead the industry in integrity collaboration.	Upstream, Own Operations, Downstream	Short-term, Medium-term, Long-term
Anti-Unfair Competition	**Positive Actual Impact:** Establish a three-dimensional prevention system, conduct special market inspections to identify risks, implement anti-monopoly systems and ensure no related litigation or negative information during the reporting period.	Market conduct risks (false advertising, malicious bidding), leakage of trade secrets, passive involvement in industry violations, and delayed adaptation of systems to policy updates.	Improve protection of trade secrets, deepen digital monitoring of market compliance, participate in the formulation of industry fair competition rules, and enhance brand image to expand markets.	Upstream, Own Operations, Downstream	Short-term, Medium-term, Long-term

Note: The Company defines the time horizon as: Short-term (within 1 year [inclusive]), Medium-term (1 to 5 years [inclusive]), and Long-term (over 5 years).

Sustainable Development Governance

Sustainable Development Goals (SDGs) issued by the United Nations addressed in this chapter:

Tianneng Co., Ltd. places high importance on corporate sustainable development, positioning ESG concepts at the core of its strategy. By constructing a "Three-Tier Integrated" governance structure and a "One-Bottom-Line, Two-Guarantees, Four-Priorities" green development system, it continuously strengthens its strategic leadership and excellent execution capabilities for sustainable development.

Sustainable Development Concept

Green Intelligent Manufacturing • Responsible Operations • Low-Carbon Circular Economy

Tianneng Co., Ltd. is convinced that sustainable development is the only path to the future. To this end, we are committed to fully integrating the core elements of environmental protection, social responsibility, and excellent corporate governance into the Company's development strategy and daily operations. We consistently uphold our mission of "dedicated to creating a better life with green energy" by driving industrial green transformation through technology, earning the continuous trust of stakeholders through responsibility, striving to achieve the harmonious unity of environmental, social, and economic benefits, and creating long-term value for the sustainable development of shareholders, employees, society, and the planet.

Green Development Work System

Tianneng Co., Ltd. has developed its "One-Two-Four" Green Development Framework, which is centered on "One Bottom Line, Two Guarantees, and Four Priorities". This framework not only serves as an action guide for the Company to practice its sustainable development philosophy but also stands as the core structure for its long-term commitment to, and systematic advancement of, green transformation and high-quality sustainable development.

Sustainable Development Governance Mechanism

To advance its sustainable development strategy in a systematic and in-depth manner and ensure the efficient implementation of Environmental, Social, and Governance (ESG) goals and management practices, Tianneng Co., Ltd. continuously optimized and formally established a top-down, clearly defined "Three-Tier Integrated" sustainable development governance structure during the reporting period. This structure closely links strategic decision-making, supervision and management, and execution of sustainable development, ensuring that the Company's operations and management remain highly aligned with global sustainable development trends and China's "dual-carbon" strategy.

Management and Professional Center

The Company's management, serving as the core leadership for sustainable development work, is responsible for translating the decisions of the Board of Directors and the Strategy and Sustainable Development Committee into specific business strategies and management requirements. Under the coordination of management, to strengthen the execution and synergy of strategies, the Company integrated and established a substantive "Energy, Carbon, and EHS Management Center" as the leading and dedicated executive body for advancing sustainable development work.

The Board of Directors and the Strategy and Sustainable Development Committee

The Board of Directors serves as the supreme decision-making and supervisory body for the Company's sustainable development work, bearing the ultimate responsibility for the overall strategy and performance of sustainable development. To enhance strategic synergy and decision-making effectiveness, the Company formally expanded and renamed the original "Strategy Committee" under the Board to the "Strategy and Sustainable Development Committee." This committee comprises three directors (including at least one independent director) and is directly accountable to the Board of Directors.

Business Divisions, Subsidiaries, and Functional Departments

The functional departments, business divisions, and production subsidiaries of Tianneng Co., Ltd. nationwide are the ultimate executors of the sustainable development strategy and requirements. By signing documents such as the Annual Environmental Protection and Safety Target Responsibility Agreement, the Company integrates such core ESG indicators as "work-related injury rate" and "environmental compliance rate" into the performance assessment system of business units. This mechanism ensures the deep integration of sustainable development requirements with daily business activities such as production, operation, R&D, and procurement, forming an effective execution chain characterized by "target decomposition layer by layer, responsibility assumption layer by layer, and closed-loop performance assessment."

Sustainable Development Training

In an era where "dual-carbon" goals are continuously advanced and the ESG regulations in capital markets are becoming increasingly stringent, Tianneng Co., Ltd. places ESG capacity building at a strategic level as the core support for enhancing corporate governance effectiveness and driving the implementation of core strategies.

2025 Tianneng Co., Ltd. Sustainability Report Launch Meeting and ESG Training Conference

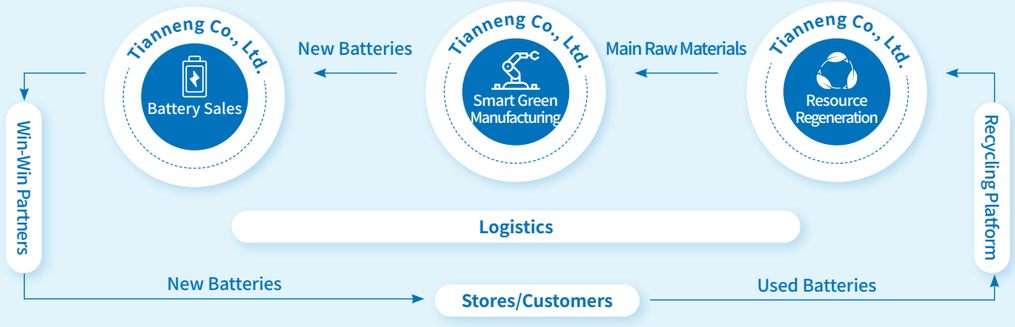
To systematically enhance ESG governance capabilities and prepare the 2025 Sustainability Report with high quality, Tianneng Co., Ltd. invited external experts to conduct a closed-door specialized training for over 100 participants, including heads of various functional departments of the Group, management of all subsidiaries and business divisions. Focusing on capital market regulatory trends and industry practices, this training demonstrated the Company's high attention to the professionalism and compliance of ESG information disclosure.

2025 Sustainability Report Launch Meeting and ESG Training Conference

This training not only strengthened management's understanding of the strategic value of ESG but also reflected the Company's firm commitment to "driving transparent disclosure through professional governance." In the future, Tianneng Co., Ltd. will continue to deepen cooperation with authoritative institutions, ensuring that ESG information disclosure strictly complies with SSE regulations, so as to earn the long-term trust of investors and the public through high-quality, verifiable, and people-centric reporting practices.

Special Topic: Building a Green Ecosystem for the Full Lifecycle of Batteries

Tianneng Co., Ltd. actively responds to the national trade-in policy, regards the circular economy as the core axis of its sustainable development, and is committed to transforming from a single battery manufacturer to a constructor of a green energy circular ecosystem. Relying on the nationwide two major circular economy ecosystems for lead-acid battery and lithium-ion battery of parent company Tianneng Power and its first-mover advantages in this field, we deeply integrate ESG into every link of product design, manufacturing, sales, recycling, and regeneration. Through resource recycling, carbon and pollution reduction in production, and full-chain product responsibility system, we have constructed a battery full life cycle ecological industry chain characterized by value symbiosis and strong resilience.



Note: Tianneng Co., Ltd. is responsible for battery design, production/reproduction, and sales. The battery recycling business is under the parent company, Tianneng Power.
Tianneng Co., Ltd. and Tianneng Power jointly complete the full lifecycle management of batteries, promoting resource recycling and the development of a circular economy.

Closed-loop Resource Recycling: Resource Utilization Rate Exceeds 99%

Tianneng Co., Ltd. and Tianneng Power have jointly built a closed-loop industrial ecosystem of "production-sales-recycling-regeneration-reuse", which defines the vast majority of traditional "solid waste" as recyclable "urban minerals", thereby maximizing resource value.

Industrial Synergy for Cost Reduction and Efficiency Enhancement: Tianneng Guizhou achieved "on-chain digestion" within the Industrial Park, collaborating with external professional companies to recycle and process waste batteries, while simultaneously recovering and utilizing the waste heat steam generated from production to supply the manufacturing process. This single initiative saves the Company nearly RMB 6 million in annual costs and reduces carbon emissions by approximately 45,000 tons, unlocking the intrinsic value of the circular economy and building a "zero-waste ecological closed loop."

Smart Green Manufacturing and Pollution&Carbon Reduction: Building a Zero-Carbon Industry Model

We deeply integrate circular economy concepts with green production. We have significantly reduced carbon footprints and pollutant emissions in production and recycling processes from source and process stages through technological innovation and system optimization.

Source Stage-Clean Production Technology Matrix: We have reduced the consumption of raw materials like lead at the design stage for pollution prevention by systematically applying green short-process technologies such as "continuous casting and rolling, continuous punching and coating," combined with computer simulation. By fully adopting intelligent charging methods and scientifically controlling the acid addition volume, we have curbed the generation of sulfuric acid mist from the lead-acid battery sector at its source.

Process Stage-Synergy of Intelligence and Emission Reduction: The fully automatic production lines and cascade micro-negative pressure dust collection systems are applied to capture and recycle lead-containing dust, ensuring compliance with exhaust emission standards. Through technological innovation, the recovery rate of discharge energy during charging has exceeded 80%, significantly reducing production energy consumption and indirect carbon emissions.

Factory Level-Pioneering Zero-Carbon Initiatives: The battery production base located in Tianneng Guizhou has been certified as a "zero-carbon factory" by international bodies, setting a significant benchmark for the industry. Through comprehensive technological transformation, this factory has achieved an 18% reduction in unit energy consumption and has self-constructed a supporting 7.5 MW photovoltaic power generation system, generating approximately 5.5 million kWh annually. Through an integrated approach of "Energy conservation technological upgrading+on-site photovoltaic power generation+green power carbon sink offsets", the factory has ultimately achieved carbon-neutral production.

Supervision Stage-Digital Smart Supervision: All hazardous waste is managed via the "Integrated Solid Waste Management System", enabling full-process electronic manifest tracking and monitoring. Pollutant emission data (such as lead and its compounds) are linked between the internal digital management platform and the pollutant discharge permit platform. Actual annual emissions are far below the permitted limits, and complete monitoring data are published for public supervision.

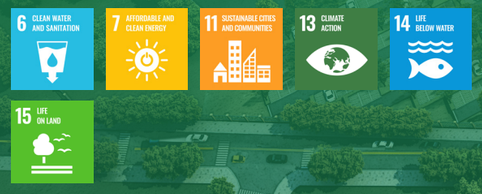
Extending Product Responsibility through Supply Chain: Building a Traceable Green Network

We actively implement the extended producer responsibility system, extending product responsibility beyond manufacturing to downstream recycling, disposal, and even consumer participation, which has constructed a nationwide green service and recycling network.

Green Supply Chain Collaboration: We extend the "zero-waste" concept to the front end of the supply chain. Through standardization and supplier training, we promote the prioritized use of non-toxic, easily recyclable raw materials to jointly build a "zero-waste supply chain", expanding the green ecosystem from within the enterprise to a broader industrial partner ecosystem.

As a global leading provider of green energy solutions, Tianneng Co., Ltd. actively responds to the national "dual-carbon" strategic goals. Upholding the original aspiration of "promoting energy transformation to create a green future," the Company places environmental protection and low-carbon development at the core of corporate strategy, and continuously promotes green innovation, efficient energy utilization, and circular economy layout in alignment with the national 14th Five-Year Plan goals of advancing green and low-carbon development and improving ecological and environmental quality. Furthermore, the Company is committed to creating a clean, beautiful, and harmonious living environment for human society by continuously promoting green and low-carbon concepts to the public, advocating sustainable production and lifestyles, and systematically fulfilling its corporate responsibility in addressing climate change.

Sustainable Development Goals (SDGs) issued by the United Nations addressed in this chapter



01

Environmental Chapter

Energizing Green Mountains, Powering a Greener Future

Serving the "Dual-Carbon" Goals

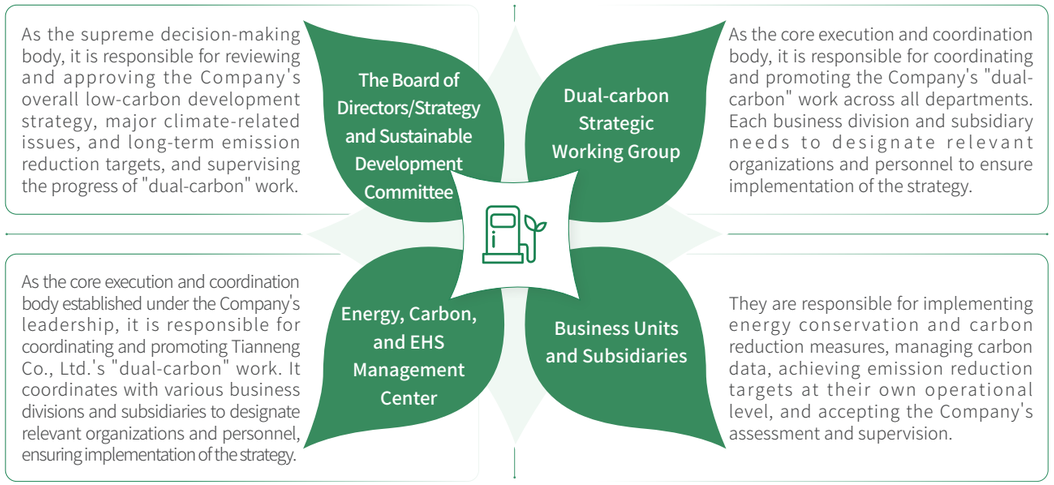
Under the guidance of Xi Jinping's Thought on Ecological Civilization, Tianneng Co., Ltd., as an active practitioner of the "dual-carbon" strategy, has thoroughly implemented the Green and Low-Carbon Development Strategic Plan of Tianneng Battery Group Co., Ltd. Focusing on the requirements for shift to dual control of carbon emissions, the Company has systematically advanced the low-carbon transformation and green innovation of the entire industry chain. Through improving climate governance, strengthening energy management, deepening circular economy layout, and enabling digital transformation, the Company has achieved cost reduction and efficiency enhancement while continuously contributing to the national green and low-carbon development.

Addressing Climate Change

Faced with the new landscape of global climate governance and the advancement of the "dual-carbon" strategy, Tianneng Co., Ltd. recognizes that climate change is a core issue affecting the long-term development of the global economy, society, and environment. For the new energy battery industry, it presents both a severe challenge and a significant opportunity to drive green innovation and lead industrial transformation. The Company proactively integrates climate change response into its strategy and operations, and is committed to becoming a global leading provider of green energy solutions by improving governance structures, identifying and managing risks and opportunities, formulating scientific strategies and targets, and systematically enhancing its climate resilience and green competitiveness.

Climate Governance

Tianneng Co., Ltd. has established a top-down, clearly defined climate change governance structure, integrating the management of climate-related risks and opportunities into the Company's overall sustainable development and governance framework.



Climate Strategy

Guided by the national "dual-carbon" goals and centered on "green and low-carbon development", Tianneng Co., Ltd.'s climate strategy drives low-carbon transformation of the entire industry chain through a systematic approach encompassing "baseline assessment, pathway planning, innovation-driven development and digital empowerment".

Strategic Planning and Pathway Research

The Company, in collaboration with professional institutions such as the Chinese Research Academy of Environmental Sciences, has completed key deliverables including Analysis of Opportunities and Challenges for Green and Low-Carbon Development and the Strategic Analysis of Upstream and Downstream Industry Chain, clarifying its "dual-carbon" pathways and directions. It compiled the Green and Low-Carbon Development Strategic Plan of Tianneng Battery Group Co., Ltd., proposing strategic goals for peaking carbon dioxide emissions.

Development Opportunities and Industry Chain Analysis Report

Establishment of Carbon Data Management System

In 2025, the Company organized and completed carbon verification reports for 24 enterprises covering the period 2021-2025, achieving comprehensive grasp of carbon emission baseline. A dynamic update mechanism was implemented for the carbon emission database of core enterprises, laying a data foundation for scientific decision-making and targeted emission reduction.

Deepening of Green Manufacturing Technologies

Advanced processes such as "four continuous castings, intelligent power rooms, and automated acid filling assembly" have been continuously applied, effectively reducing production energy consumption and pollutant emissions. For instance, comprehensive technological transformation implemented in the Guizhou plant reduced unit energy consumption by 18%.

Promote Energy Structure Optimization and Digital Transformation

In terms of clean energy application, the company actively deploys photovoltaic power generation. For example, Guizhou "zero-carbon factory" has installed 7.5 MW of photovoltaic modules, generating approximately 5.5 million kWh annually, equivalent to reducing 6,303 tons of carbon dioxide emissions. Plans are in place to increase the proportion of photovoltaic power supply to over 40% in the future. In terms of digital empowerment, an energy and carbon digital management platform has been established to support decision-making for energy consumption reduction and carbon emission reduction; simultaneously, technological prevention measures such as intelligent inspections and AI monitoring are used to enhance energy efficiency and safety levels.

Climate-related Risk Identification and Management

The Company has integrated climate-related risks and opportunities into its comprehensive risk management system and continuously conducts assessment and implements response measures.

Climate-Related Risk and Opportunity Management Process of Tianneng Co., Ltd.

- Top-level Governance (Supervision by Board of Directors/Committee) — Organizational Execution (Energy, Carbon, and EHS Management Center)
- Risk and Opportunity Identification (Transition Risks/Physical Risks/Opportunities) — Uncertainty Analysis
- Response Formulation (Strategy Integration/Management Systems/Green Transformation/Emergency Preparedness) — Establish Mechanism
- Scenario Testing (Resilience Analysis via Multi-Scenario Simulations) — Target Assessment (Planning Targets/Performance Linkage)
- Continuous Improvement — Internal and External Information Disclosure and Communication

Climate-Related Risks and Opportunities of Tianneng Co., Ltd.

Climate-related Risks and Opportunities			Time Horizon for Expected Material Impacts	Response Measures
Physical Risks	Flood Disasters	**Direct Property Loss and Suspension of Operations:** Heavy precipitation and typhoons may trigger floods, inundating factories, warehouses, and production equipment, which could cause direct property losses and suspension of production and operations. **Supply Chain and Logistics Disruption:** Waterlogging impairs internal and external road traffic of the factory area, leading to disruptions in raw material supply and delays in product delivery. **Secondary Safety and Environmental Risks:** Extreme precipitation may damage critical facilities in hazardous chemical storage areas and wastewater treatment facilities within the factory, triggering secondary environmental pollution or safety incidents like chemical leaks or wastewater overflow.	Short-term	**Emergency Plans and Drills:** Develop and regularly conduct special emergency plans for flood control, waterlogging prevention and typhoon prevention, covering early warning, personnel evacuation, material transfer, critical equipment protection, and secondary disaster prevention and control. **Facility Adaptability Design:** Consider raising workshop foundations and optimizing drainage systems of new or renovated factories during the design phase to cope with extreme precipitation. **Intelligent Monitoring and Early Warning:** Deploy meteorological monitoring and video surveillance systems at key factory areas to enhance disaster warning capabilities. **Emergency Supplies and Teams:** Stockpile flood control supplies and establish emergency rescue teams to ensure rapid response in case of disasters.
	Extreme Low Temperatures and Snow/Ice	**Facility Freezing Damage and Leakage:** Extremely cold weather may damage the insulation layers of exposed water pipes, valves, instruments, and steam pipelines, causing water leaks, freezing cracks, and even equipment shutdowns. **Impact on Material Properties:** Low temperatures may affect the physical and chemical properties of certain chemical raw materials and pose challenges to the stability of battery production processes. **Traffic Safety Risks:** Icy and snowy weather causes slippery roads inside and outside the factory area, increasing traffic safety risks for material transportation and employee commuting.	Short-term	**Preventive Maintenance:** Before winter, conduct comprehensive inspections and anti-freezing wrapping for outdoor pipelines, fire-fighting facilities and valves, and improve insulation measures for equipment and pipelines. **Emergency Supplies Stockpiling:** Stockpile emergency supplies such as de-icing agents, straw mats, and antifreeze. **Emergency Response Plans:** Develop emergency response plans for extremely cold weather, clarifying requirements for equipment inspections and traffic safety management.
Physical Risks	Prolonged High Temperatures and Heatwaves	**Employee Health and Production Efficiency:** High-temperature working environments are prone to causing heatstroke among employees and impairing their judgment, thereby reducing production efficiency and quality stability, and increasing occupational health risks. **Equipment Operation and Energy Consumption:** Prolonged high temperatures may increase the load on equipment cooling systems, leading to higher equipment failure rates, while boosting energy consumption of cooling facilities like air conditioners. **Increased Fire Risk:** In high-temperature environments, combustible materials become more flammable, and the load on electrical circuits increases, resulting in a significant rise in fire risks.	Medium-term, Long-term	**Engineering and Management Measures:** Install ventilation and cooling systems in high-temperature workshops, provide heatstroke prevention medications and beverages, reasonably arrange working hours and breaks, strictly implement safety procedures for high-temperature operations. **Personal Protection and Training:** Equip employees with heatstroke prevention labor protection supplies and supervise their use, strengthen training on high-temperature protection and emergency response. **Fire Safety Enhancement:** Strengthen standardized storage management of combustible materials, strictly implement approval procedures for hot work, and regularly inspect electrical circuits and fire-fighting facilities.
Transition Risks	Policy and Regulatory Risks	**Increased Compliance Costs:** Under the "dual-carbon" strategy, national and local carbon emission quotas and carbon trading mechanisms are gradually improved and may expand to cover the battery manufacturing industry. Meanwhile, international rules such as the EU CBAM strengthen the verification of product carbon footprints, all of which will increase compliance costs. **Pressure of Information Disclosure:** Regulatory agencies and capital markets are imposing increasingly stringent requirements on climate-related information disclosure, posing challenges to the Company's governance and information management capabilities.	Medium-term, Long-term	**Top-Level Design and Proactive Management:** The Board of Directors and management attach great importance to the work, having incorporated 'dual-carbon' goals into the core strategy, established a "Dual-carbon Strategic Working Group," and clarified the supervisory responsibilities of the 'Dual-carbon Committee'. **Consolidate Data Foundation and Management System:** Have completed historical carbon emission verification for multiple core companies and constructed a carbon database, and formulated the Green and Low-Carbon Development Strategic Plan to identify risks and opportunities. **Anticipatory Response:** Promote the construction of Energy-Carbon management system, begin to plan carbon reduction pathways, and proactively reduce carbon emissions through measures such as energy conservation renovations and photovoltaic applications.
	Market and Supply Chain Risks	**Market Competition Barriers:** Major domestic and international customers are imposing increasingly high requirements on suppliers' ESG performance, carbon footprints and green supply chains, making it become one of the core market access thresholds. **Supply Chain Risks:** Extreme weather events may restrict the extraction and transportation of upstream raw materials, or cause severe price fluctuations due to policy adjustments.	Medium-term	**Strengthen the Green Attributes of Products:** Conduct carbon footprint accounting and management for key products, and provide customers with low-carbon products and solutions that meet market demands. **Build a Green and Resilient Supply Chain:** Establish green procurement standards to guide suppliers' transition to low-carbon production, simultaneously promote the recycling of raw materials to enhance resilience against price fluctuations and supply risks of primary resources.
Market and Strategic Opportunities	Surging Demand for Green and Low-Carbon Products and Circular Economy	**Core Business Growth:** The electrification of transportation and the transition to clean energy have continuously consolidated market demand for power batteries used in light electric vehicles and opened up a trillion-level market space for the energy storage battery business. **Prominent Value of Circular Economy:** The society-wide construction of a waste recycling and utilization system has turned the recycled lead used by the Company into a "competitive advantage and profit center," building a strong "moat".	Medium-term	**Strategic Focus and Innovation:** Continuous investment in R&D to consolidate and expand product and technological advantages in the field of power and energy storage batteries. **Deepening Layout in the Circular Economy:** Part of the raw materials used by Tianneng Co., Ltd. come from Tianneng Power's circular system. The use of recycled lead has increased the resource utilization rate, setting an industry benchmark and transforming the circular economy advantages into sustainable commercial value.
	Demand for Digitalization and Smart Operations	**Improvement in Operational Efficiency:** Market demand for refined, intelligent, and low-carbon operations has driven the application of AI, IoT, and other technologies in manufacturing. This helps the Company achieve energy conservation, emission reduction, cost reduction, and efficiency improvement through means such as smart energy management and intelligent environmental and safety monitoring.	Long-term	**Digital and Intelligence Empowerment:** Promoting the construction of the "Digital Energy-Carbon Management Platform" and utilizing technologies such as "AI Smart Water System" and intelligent security have improved the intelligence level of production processes and utilization efficiency of energy resources, achieving stable, safe, and low-carbon operations.

Case

Tianneng Co., Ltd.'s Risk Classification System based on LEC Risk Assessment Method

Tianneng Co., Ltd. identifies inherent risks in the manufacturing process of new energy batteries, such as high-temperature operation risks, as significant physical risk management points. Instead of focusing on risk description, the Company has transformed abstract climate risks into specific, operable on-site management actions through systematic risk assessment tools and a tiered management and control mechanism.

Accurate Quantitative Risk Assessment: The Company comprehensively applies the LEC risk assessment method to conduct quantitative risk assessments for all operational activities, including high-temperature operations. This method scores from three dimensions: Likelihood of occurrence (L), Frequency of exposure (E), and Severity of consequences (C) to calculate the risk value (D), which is divided into four levels: Catastrophic (Red), Major (Orange), Moderate (Yellow), and Minor (Blue).

Visual Risk Management: Assessment results are not shelved. Subsidiaries mark the assessed risks of different levels on the general layout plan of the factory area with four colors (Red, Orange, Yellow, Blue) to form an intuitive "Four-Color Safety Risk Distribution Map", allowing managers at all levels and frontline workers to have a clear understanding of the on-site risk levels and distribution.

Dynamic Risk Update: The Company has established a dynamic risk identification and update mechanism to regularly review various risks including high temperatures. Combining equipment updates, process improvements, and new trends in climate change, it timely adjusts risk levels and control measures, ensuring the timeliness and accuracy of risk management and control.

Case

Construction of "Zero-Carbon Factory" to Promote Carbon Reduction

In 2025, Tianneng Guizhou advanced its carbon offset efforts centered on constructing the "zero-carbon factory". On April 15th, it purchased 7,500 tons of forestry carbon sinks from the Guizhou Taijiang Fulinsen Technology Afforestation Cooperative, along with the previously purchased 220,000 green certificates (offsetting 110,000 tons of carbon emissions), 12,500 tons of externally purchased carbon sinks, and the 6,303 tons of carbon dioxide reduced annually by the base's 7.5 MW photovoltaic project, achieving a total cumulative carbon offset of 128,000 tons, exceeding the factory's annual carbon emissions of 120,000 tons, and facilitating the base's certification as a "zero-carbon factory" by Bureau Veritas.

Tianneng Guizhou has passed the certification and become the first "Zero-Carbon Factory" of Tianneng Co., Ltd.

Indicators and Targets

Tianneng Co., Ltd. has established a systematic climate action target system, encompassing strategic commitments, medium-term plans, and annual performance. Guided by the Green and Low-Carbon Development Strategic Plan of Tianneng Battery Group Co., Ltd., the Company has clarified its strategic goal for peaking carbon dioxide emissions. Through annual carbon verification, investment in technological upgrading, and emission reduction calculations, it decomposes macro goals into quantifiable and traceable specific actions.

2026

Deepen energy conservation and carbon reduction, promote technological and process upgrading, ensure the achievement of annual "Dual Control" targets, so as to lay a solid foundation for peaking carbon dioxide emissions.

Technology Emission Reduction Investment: The total planned investment for technological process upgrades is **RMB 45.735 million**, with an expected carbon reduction of **395,600 tons** (calculated based on a reduction rate of 20% for lead-acid batteries and 15% for lithium-ion batteries).

Energy Consumption and Carbon Emission Targets: Lead-Acid Battery Business Division aims to realize a **3%** reduction in comprehensive energy consumption, a **5%** reduction in total carbon emissions, and a further **10%** increase in the proportion of green electricity.

Energy Conservation Projects: Plan to promote **7** collaborative technological transformation projects for energy conservation and carbon reduction (such as waste heat utilization, high-efficiency motor replacement, etc.).

Digital Coverage: Plan to deploy the Energy-Carbon Management Platform in **10 bases** of the Lead-Acid Battery Business Division to support refined energy management.

2027-2030(Long-term)

Achieve significant results in green and low-carbon transformation, make major progress in resource recycling.

Planning and Setup: The Green and Low-Carbon Development Strategic Plan of Tianneng Battery Group Co., Ltd., has been compiled.

Long-term Emission Reduction: it is planned to achieve a total of **1.582 million** tons of long-term carbon reduction through continuous technological upgrades from 2027 to 2030.

System Target: Plan to establish an **"all-round coverage, intelligent and efficient, value-prominent"** energy management system by 2030, achieve industry-leading energy consumption per unit of output value and exceed "dual-carbon" goals.

Greenhouse Gas Emission Performance Table of Tianneng Co., Ltd.(2025)

Indicator Name	Unit	2025
Scope 1 Greenhouse Gas Emissions	Tons of CO_2 equivalent	103,019.98
Scope 2 Greenhouse Gas Emissions	Tons of CO_2 equivalent	1,871,119.42
Total Greenhouse Gas Emissions	Tons of CO_2 equivalent	1,974,139.40

Note: Greenhouse gas emissions are measured in accordance with the *Greenhouse Gas Accounting System: Corporate Accounting and Reporting Standards (2024).*

Energy Utilization

Tianneng Co., Ltd. deeply recognizes that energy management acts as the core support for practicing green and low-carbon development and achieving the "dual-carbon" goals. The Company is committed to building a systematic and refined energy management system. It continuously taps the potential for energy conservation and carbon reduction by improving management mechanisms, promoting energy structure transformation, innovating energy conservation technologies, and implementing digital empowerment. It also transforms energy from a "cost item" to a "value item," and drives sustainable development through energy optimization.

Basic Information on Energy Utilization

The Company has established an energy consumption statistical system covering all business divisions. In 2025, the Company continuously promoted the supplementary installation and calibration of energy metering facilities, strengthened data monitoring and analysis capabilities, providing support for energy management decision-making. The types of energy consumed by the Company include electricity, coal, natural gas, steam, and fuel oil.

The Company has systematically issued the General Rules for Energy Management System, implemented energy consumption quota management and assessment incentive systems, and decomposed energy conservation targets to each unit. The Strategy and Sustainable Development Committee under the Board of Directors exercises top-level supervision, with the Energy, Carbon, and EHS Management Center undertaking the implementation of strategies. Each business division establishes Intelligent Equipment Operation Center to coordinate its equipment transformation and energy management. Each subsidiary establishes Engineering Equipment Department to undertake the energy transformation required by the Company and business divisions, carry out internal energy management and perform specific work tasks.

In 2025, major subsidiaries of Tianneng Co., Ltd. have passed Energy Management System (ISO 50001) certification, and the Company has formed systematic management.

Certificate for Energy Management System Certification of Tianneng Co., Ltd. (Selected Subsidiaries)

Energy Performance of Tianneng Co., Ltd. (2025)

Indicator Name		Unit	2025
Total Energy Consumption		Ton of Standard Coal	501,482.86
Direct Energy Consumption	Gasoline	Ton of Standard Coal	138.10
	Diesel	Ton of Standard Coal	534.35
Indirect Energy Consumption	Total Purchased Electricity Consumption	10,000 kWh	317,602.00
	Renewable Energy Electricity Consumption	10,000 kWh	10,730.72
	Proportion of Renewable Energy Consumption In Total Energy Consumption	%	2.56
Energy Consumption Intensity		kg of Standard RMB 10,000 yuan of revenue	109.51

Note: All business divisions have achieved fruitful results in energy management. For example, the Lead-Acid Products Business Division achieved a reduction of approximately 5% in comprehensive energy consumption in 2025 with overall positive progress in energy efficiency management.

Utilization of Clean Energy

The Company actively optimizes its energy consumption structure, making the increased use of clean and renewable energy a key pathway for low-carbon energy transformation. Its dependence on traditional fossil fuels is reduced by deploying photovoltaic power generation projects in factory area, procuring green electricity (green certificates), and exploring the application of other clean energy sources.

In 2025, the Company achieved significant results in utilization of clean energy:

Photovoltaic Power Generation: Multiple bases have continued to promote the construction and application of photovoltaic projects. For example, the 8 MW photovoltaic project at the Lithium Battery Division's South Taihu Base generates over 8 million kWh annually, accounting for 20% of the base's total electricity consumption; the Tianneng Ma'anshan photovoltaic project (total scale 16.39 MW) generated 16.64 million kWh in 2025. The Tianneng Guizhou "zero-carbon factory" has installed 7.5 MW of photovoltaic modules, generating approximately 5.5 million kWh annually.

Green Power and Green Certificate Procurement: In order to achieve "carbon neutrality" goals, the company actively procures green electricity certificates. In 2025, the Tianneng Guizhou "zero-carbon factory" alone offset approximately 110,000 tons of carbon emissions through the external purchase of green certificates.

Other Clean Energy: In the production process, relatively clean energy sources such as natural gas have been utilized, and the use of clean energy like hydrogen fuel is being explored.

Clean Energy Performance of Tianneng Co., Ltd. (2025)

Indicator Name	Unit	2025
Total Clean Energy Consumption	Ton of Standard Coal	13,188.06
Carbon Emission Reduction Equivalent from Clean Energy	Ton of Carbon Dioxide Equivalent	56,937.20

Energy Conservation Targets and Specific Measures

Energy Conservation Targets

The Company has established systematic energy conservation and low-carbon development targets, and incorporated them into its strategic planning and assessment system.

- **Strategic Target:** Establish an "all-round coverage, intelligent and efficient, value-prominent" energy management system by 2030, and pursue industry-leading energy consumption per unit of output value.
- **Annual and Medium-term Targets:** All business divisions decompose and formulate annual consumption reduction targets based on the Company's overall requirements. For example, the Lead-Acid Battery Business Division has set a target of a 3% reduction in comprehensive energy consumption for 2026. Tianneng Automotive targets a 5% reduction based on the 2025 level. The Lithium Battery Business Division aims for a 5% reduction in total energy consumption.

Energy management is a crucial support for green and low-carbon development | Unit energy cost decreased by 6%, amounting to approximately 180 million yuan

Improve energy management mechanisms	Promote low-carbon energy transition	Strengthen refined production
Systematically introduce the General Principles of Energy Management System Implement energy consumption quota management and assessment incentive systems Decompose Energy conservation targets to all departments and positions level by level	Build and deploy energy and carbon management platforms, covering 10 lead-acid bases Support decision-making on energy consumption reduction and carbon emission reduction	Energy metering, from pilot to full coverage Accurately identify high-energy-consumption processes and links Explore potential for energy consumption reduction

Establish a systematic and refined energy management system to maximize the value of energy.

Specific Energy Conservation Measures

Tianneng Co., Ltd. attaches great importance to energy management, prioritizing and institutionalizing energy security. On the basis of stable operation, it systematically promotes various proactive energy management measures. These measures go beyond simple emergency response, focusing on achieving energy conservation and efficient utilization at the source and throughout the process through technological innovation, process optimization, and system synergy.

Case

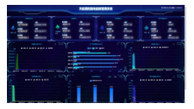
Comprehensive Deployment of Energy Management Digital Platform and Launch of Organizational Synergy

In order to systematically explore the potential for energy conservation and carbon reduction, and shift energy management from decentralization to centralization and digitalization, Tianneng Co., Ltd. held an Energy Management Exchange and Symposium on January 28, 2025, officially commencing the comprehensive deployment and organizational coordination of the energy management digital platform. The meeting aimed to comprehensively assess the current energy management status of each business division and clarify subsequent work directions before specialized personnel were fully in place. During the meeting, the Company's Energy, Carbon, and EHS Management Center reached a consensus with various business divisions, requiring all units to complete the sorting of "three lists"(equipment, energy consumption, problems, tasks) by the end of March 2025, and to establish a monthly meeting and assessment mechanism. This meeting marked the company's energy management entering a new phase of "digital platform coverage+three-level organizational coordination+list-based refined management," laying a solid organizational and data foundation for achieving the annual target of a 6% reduction in unit energy costs and cost savings of approximately RMB 180 million.

On-site Photo of the Energy Management Exchange Symposium

Centering on the closed-loop logic of "energy conservation and carbon reduction-cost optimization-value addition", the Company has implemented diversified, project-based energy conservation measures covering multiple dimensions such as technological innovation, process optimization, energy recovery, and system management.

▶ Embarking on a New Journey with Energy Optimization during the "Ninth Five-Year Plan" Period to Tap Energy Conservation Potential

Type of Measures	Innovation of Energy-Saving Technologies	Recovery and Utilization of Waste Heat and Residual Pressure	Construction of Energy Management System	Optimization of Energy Structure
Specific Examples of Measures	● Pilot promotion of permanent magnet motor for replacement of traditional motors at Haoyang Technology. ● Optimization of lead-acid battery charging process to reduce acid dosage and consumption of related materials	● Recovery of waste heat from drying exhaust gases in the lithium battery sector for use in production systems ● Reuse of steam condensate and recycled water in production	● Promotion of the deployment of Digital Energy-Carbon Management Platform, and building of 10 lead-acid bases. ● Launch of the energy management platform at the South Taihu Base of Lithium Battery Business Division to monitor energy consumption and production capacity	● Expansion of photovoltaic power generation construction scale in factory area ● Procurement of green electricity certificates ● Replacement of diesel forklifts with electric forklifts  Replacement of diesel forklifts with powered forklifts
Key Effects	● Permanent magnet motors are expected to save 8%-10% energy ● Warehouse lighting renovation reduced greenhouse gas emissions by 185 tons of CO_2e. ● Process Optimization Project achieved annual cost reduction of approximately RMB 1.5 million.	● Reclaimed water, concentrated water, and waste heat reuse projects planned to achieve cost reduction of approximately RMB 2 million in 2026.	● Achieve real-time energy consumption monitoring, anomaly warning, and energy efficiency analysis, and provide support for consumption reduction decision-making. Application at Tianneng Henan achieved a 10% reduction in energy consumption.  Tianneng Henan Energy and Carbon Management System	● Increasing the proportion of clean energy to directly reduce Scope 2 carbon emissions. The Tianneng Ma'anshan photovoltaic project generated 16.64 million kWh annually, reducing costs by RMB 3.16 million.

Promoting Clean Production

Tianneng Co., Ltd. regards environmental safety and compliance operations as the lifeline of its sustainable development, and is committed to building a systematic, full-process management system for pollution prevention and ecological protection. The Company strictly complies with laws and regulations such as the Environmental Protection Law of the People's Republic of China and the Regulations on the Administration of Pollutant Discharge Permits, and follows such internal institutional framework as the Compilation of Environment, Health and Safety Management System of Tianneng Battery Group Co., Ltd. to systematically standardize the prevention and control of various pollutants including exhaust gas, wastewater, solid waste, and noise, as well as the management of hazardous waste. Through hierarchical implementation and continuous improvement, the Company earnestly fulfills its environmental responsibilities, promoting green and low-carbon transformation.

Water Resource Utilization

Tianneng Co., Ltd. deeply recognizes that water resources serve as the lifeline of sustainable development. As a new energy battery manufacturer, we have always placed the efficient, circular and compliant utilization of water at the core of environmental management. In 2025, the Company systematically improved water resource management performance by improving management systems, setting quantitative targets, implementing water-saving projects, and promoting circular utilization, showing its commitment to minimizing water footprint and maximizing the value of water resources.

Water Resource Management System and Policies

The Company has established a systematic water resource management structure and institutional system to ensure the effectiveness and compliance of management.

Management Structure

The Company has a dedicated Environmental Protection and Safety Department responsible for the Company's environmental management, with water resource management as one of its core responsibilities. Each production base is equipped with full-time wastewater treatment specialists and environmental engineers who are responsible for daily water usage supervision, wastewater treatment, and data monitoring, ensuring that accountability is assigned to individuals.

Management Policies

The Company has formulated and strictly implemented a series of system documents including the "Environmental Protection Management System" "Environmental Monitoring Management System" and "Cleaner Production Management System". Among them, clear provisions are made for water management in production sites, such as strictly prohibiting the mixed discharge of production wastewater and rainwater, requiring employees to cultivate water-saving habits, eliminating water leakage, and encouraging the innovation of water-saving technologies.

Compliance Commitment

The Company commits that all new construction, renovation and expansion projects will strictly implement the environmental impact assessment system and comply with the requirements of the "Three Lines and One List" ecological environment zoning control (ecological protection red line, environmental quality bottom line, resource utilization upper limit, and ecological environment access list), so as to avoid impacts on sensitive water environments at the source.

Water Source Protection and Risk Management

The Company is dedicated to protecting the water environment throughout the entire operation process, fulfilling its corporate citizenship responsibilities.

Source Protection

Strict assessments are conducted during the project planning stage to avoid impacts on important water sources. In operations, the use of municipal water supply is prioritized to reduce pressure on direct extraction of local surface water and groundwater.

Discharge Compliance and Risk Prevention and Control

All production bases have obtained pollutant discharge permits in accordance with the law and have established comprehensive wastewater treatment facilities and online monitoring systems. According to the pollutant discharge permit implementation reports submitted by subsidiaries in 2025, the actual discharge concentrations and total amounts of main pollutants (such as Chemical Oxygen Demand, ammonia nitrogen, total lead, etc.) are far below the permitted limits, achieving 100% stable compliance with discharge standards. The Company has formulated Emergency Plans for Environmental Emergencies and conducts regular drills to effectively respond to potential water contamination events and protect the safety of the surrounding water environment.

Water-Saving Measures and Project Achievements

Tianneng Co., Ltd. not only focuses on compliance operations but also actively guides continuous improvement in water-saving management. Adhering to the principle of "source reduction, process recycling, and end-of-pipe reuse," the Company has vigorously promoted innovation of water-saving technologies and water recycling projects at various production bases, achieving remarkable economic and environmental benefits.

Reclaimed Water Reuse System

The Company has comprehensively constructed a differentiated water reuse system across core business segments such as lead-acid batteries. By establishing a reclaimed water reuse network, treated compliant wastewater is systematically reused in processes including process cooling, battery cleaning, workshop cleaning, and spraying for environmental protection facilities, substantially reducing the amount of freshwater intake. For example, through the reclaimed water reuse project at the plant wastewater station in Tianneng Anhui, the amount of freshwater intake was reduced by approximately 305,400 tons in 2025, achieving annual savings exceeding RMB 600,000 in water intake costs and reduced sewage discharge fees.

Reverse osmosis equipment for reclaimed water reuse

Reclaimed water and circulating water are reused in the workshop for production

Additional recovery pipe network and water pump in the plant

Dredge the reclaimed water reuse pipeline

Process Water Closed-loop Circulation

The Company achieves 100% reuse of equipment cooling water; treated reclaimed water is reused in production workshops, etc., and rainwater and other water resources are collected and utilized to the maximum extent. Some lead-acid battery production bases have achieved near-zero wastewater discharge.

Rainwater Resource Utilization

The company actively developed and utilized unconventional water resources. Tianneng Ma'anshan constructed a 7,000 cubic meter rainwater collection pond and a quartz sand filtration system. The collected rainwater is directly conveyed to the water treatment workshop, mixed with municipal tap water in proportion, and then used to prepare purified water for manufacturing. In 2025, the project utilized 45,000 tons of rainwater, generating economic benefits of RMB 133,200 while conserving an equivalent amount of municipal tap water.

Tianneng Ma'anshan Rainwater Utilization Project

Concentrated Water and Waste Heat Recovery

The Company promotes the reuse of concentrated water generated by water treatment plants in domestic water supply or auxiliary production processes across all its subsidiaries. Meanwhile, through technologies such as boiler steam reuse and process waste heat recovery (e. g., waste heat recovery from coating and drying exhaust gases in lithium battery production), it indirectly reduces water and energy consumption during production.

Key Performance Table for Water Resource Utilization of Tianneng Co., Ltd.(2025)

In 2025, the total water consumption of the company will be **5.6689** million tons.

Pollutant Emissions

Tianneng Co., Ltd. recognizes that pollutant emission control is the cornerstone of corporate sustainable development. The Company strictly complies with national and local environmental protection laws and regulations, such as the "Environmental Protection Law of the People's Republic of China" and the "Regulations on the Administration of Pollutant Discharge Permits", and has issued the "Compilation of Environment, Health and Safety Management System of Tianneng Battery Group Co., Ltd.", establishing a unified framework and requirements for pollutant management. Adhering to the full lifecycle management concept of "source prevention, process supervision, and end-of-pipe treatment", it is committed to continuously reducing pollutant emissions and improving resource utilization efficiency.

The Company organizes production and pollutant discharge in strict accordance with the provisions of pollutant discharge permits. All discharge outlets are established and managed in accordance with the law. During the reporting period, the Company achieved stable compliance discharge standards for all types of pollutants, with no instances of excessive discharge, and maintained a sound overall environmental performance.

Exhaust Gas Emissions ▶

Main Pollutants

Lead and its compounds, sulfuric acid mist, particulate matter, nitrogen oxides (NOx), sulfur dioxide (SO_2), non-methane total hydrocarbons, etc.

Total Emissions and Approved Total Emissions

In 2025, the actual total emissions of key controlled pollutants in exhaust gases were far below the total emissions approved by pollutant discharge permits. For example, the actual emissions of characteristic pollutants such as lead and its compounds and sulfuric acid mist in the exhaust gases of Tianneng Anhui accounted for only 30%-60% of the permitted emissions, demonstrating effective emission control.

Excessive Emissions

During the reporting period, self-monitoring and supervisory monitoring data for all exhaust gas outlets showed no excessive emissions. The emission concentrations of all pollutants met the requirements of the Emission Standard of Pollutants for Battery Industry (GB 30484) and stricter local standards.

Exhaust Gas Treatment

For lead-containing exhaust gases, combined processes such as bag filter cartridges and high-efficiency dust removal are used; for acid mist exhaust gases, spray towers for purification of acid and alkali exhaust gas are used; for organic exhaust gases, corresponding treatment facilities such as RTO (Regenerative Thermal Oxidizer) and RCO (Regenerative Catalytic Oxidizer) etc. are configured. All treatment facilities operate normally and maintain a high removal efficiency. Self-monitoring data shows that concentrations at all organized and unorganized exhaust gas outlets are below permitted limits.

Case

Closed-Loop Practice of Organic Exhaust Gas Harmless Treatment in Waste Plastic Recycling

Tianneng Co., Ltd. has invested in and operated a waste plastic recycling and organic exhaust gas harmless treatment system. This system adopts a technological process featuring "efficient sorting and purification, low-temperature melting and granulation, and organic exhaust gas harmless treatment." Firstly, through Tianneng Power's advanced impurity removal and sorting technology, plastics from waste battery casings and separators are cleaned and purified to produce waste plastic flakes. Further, in the melting and extrusion process, Tianneng Co., Ltd. significantly reduces the escape of non-methane total hydrocarbons through precise temperature control and sealed conveying. Then, targeting the generated organic exhaust gases, advanced technologies such as Regenerative Thermal Oxidizer (RTO) and Regenerative Catalytic Oxidizer (RCO) are utilized to completely decompose organic substances in the exhaust gases into carbon dioxide and water. The high-quality recycled plastic pellets produced are reused in the production of new battery casings and components of Tianneng Co., Ltd. This model not only substantially reduces organic gas emissions in the plastic recycling process from the source and production stages but also achieves an internal closed-loop cycle of polymer materials:"plastics-recycled plastics-battery products". It converts waste into production resources, truly practicing the green and low-carbon development concept of "turning waste into treasure and recycling resources".

Waste plastic recycling and organic exhaust gas harmless treatment system

2025 Key Performance Indicators for Waste Gas

Indicators	Unit	2025
Nitrogen Oxide Emissions	Ton	23.37
Sulfur Oxide Emissions	Ton	3.18
Volatile Organic Compounds (VOCs) Emissions	Ton	3.38
Lead and its compounds / Heavy metals	kg	1,954.75
Emissions of Suspended Particles and Particulate Matter (PM)	Ton	34.91

Wastewater Discharge ▶

Main Pollutants

Chemical Oxygen Demand (COD), ammonia nitrogen (NH3-N), total lead, total phosphorus, total nitrogen, suspended solids, etc.

Total Discharge and Approved Total Discharge

After treatment of production wastewater and domestic sewage, the actual total discharges of main pollutants were all below the permitted total discharges. For example, reports from multiple subsidiaries indicate that actual annual discharges of key indicators such as COD, ammonia nitrogen, and total lead were significantly lower than annual permitted limits.

Excessive Discharge

During the reporting period, online monitoring and manual monitoring data for all wastewater discharge outlets met standards, with no records of excessive discharge.

Wastewater Treatment

Special wastewater treatment plants are constructed, which adopt treatment processes such as "physicochemical+biochemical treatment". Some factories implement a near-zero discharge policy for industrial wastewater. Domestic sewage is treated up to the standard through self-built wastewater treatment plants and then discharged into the municipal sewage network. Wastewater treatment facilities operate stably, with discharge concentrations consistently meeting standards.

Case

Exploration of Production Wastewater Recycling and "Zero Discharge"

Wanyang Energy implemented a closed loop of production wastewater recycling through its production wastewater treatment facility (TW001). The facility with a designed treatment capacity of 1,800 tons/day treated 104,550 tons of production wastewater in 2025. After treatment, all the wastewater was reused, with no discharge to the external environment. The facility boasts high treatment efficiency, with lead treatment efficiency of 83.9%. This case exemplifies the Company's implementation of its "near-zero industrial wastewater discharge policy," leading to 100% recycling of production wastewater within the plant, effectively conserving water resources and thoroughly eliminating the environmental impact of production wastewater discharge.

2025 Key Performance Indicators for Waste Gas

Indicators	Unit	2025
Wastewater Discharge Volume	Ton	2,248,116.32
Chemical Oxygen Demand (COD)	Ton	38.40
Ammonia Nitrogen Discharge Volume	Ton	3.77
Total Phosphorus Discharge	Ton	2.95
Total Nitrogen Discharge	Ton	10.63
Total Lead / Heavy Metals	Ton	0.14

Solid Waste Discharge ▶

Main Categories

Hazardous waste: mainly including lead-containing waste (lead slag, lead dust, waste lead paste, etc.), waste acid, waste mineral oil, waste packaging materials, etc.
General industrial solid waste: mainly including waste plastics, waste scraps, sludge (without heavy metals), etc.

Generation and Disposal

The Company implements classified collection, safe storage, and compliant disposal to all solid waste. 100% of hazardous waste is outsourced to qualified units for harmlessness disposal or handed over to qualified circular economy sectors of the parent company, Tianneng Power for recycling, in strict accordance with the transfer manifest system. General industrial solid waste is prioritized for recycling.

Solid Waste Management

Solid waste management is implemented by means of green and intelligent source reduction, sludge reuse for residue reduction, and lead paste-grid regeneration. The aforementioned measures have effectively reduced the final disposal of solid waste and enhanced recycling.

Case

Sludge Reuse as Slag-Reducing Agent for Lower Cost and Higher Efficiency

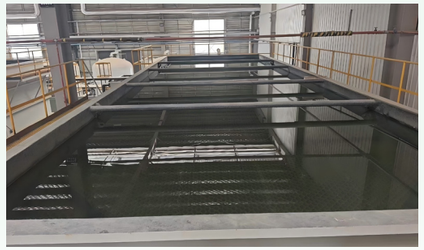
Tianneng Co., Ltd. utilizes the comprehensive sludge generated from wastewater treatment as resources and explores its use as a slag reducer in lead smelting furnaces. Through this technology, not only is the volume of sludge requiring outsourced disposal as hazardous waste reduced, but it also replaces part of the externally purchased slag reducer. According to estimates, this measure can treat approximately 2,800 tons of sludge annually, achieving an annual cost reduction of about RMB 7 million through savings on slag reducer procurement costs and sludge disposal costs.

Case

Sludge Reuse as Slag-Reducing Agent for Lower Cost and Higher Efficiency

Sludge pump of raw water tank

Aeration in sludge tank



Slant plate sedimentation for sludge generation facilities in wastewater treatment

Pneumatic diaphragm pump

Slag reducer added in alloying and continuous casting&rolling

Sludge filter press devic

Waste Management

Tianneng Co., Ltd. deeply recognizes that solid waste generated during battery manufacturing and recycling processes has a significant impact on the environment. Adhering to the core principles of "reduction, recycling, and harmlessness treatment," the Company deeply integrates waste management into its green circular development strategy, committed to building a "zero-waste" management system covering the whole lifecycle for maximizing resource value and minimizing environmental impact.

Waste Management

The Company has established a three-level waste management governance structure including clear responsibilities, ensuring the systematic and effective management.

Board Supervision

The Board of Directors, as the Company's highest governance body, bears ultimate supervisory responsibility for material ESG issues, including waste management. The Strategy and Sustainability Committee under the Board is responsible for coordinating the promotion of various environmental objectives, including waste reduction and recycling.

Senior Management Responsibility

The Company's senior management is directly responsible for the formulation and implementation of waste management strategies. A "Zero-Waste Group" construction leading group and working group have been established, led by senior management, to regularly coordinate and solve key and difficult issues in waste management.

Department-level Excecution

The Company and its subsidiaries have their own environmental protection and safety departments, staffed with full-time environmental supervisors, specialists, and hazardous waste warehouse managers. These departments are responsible for the implementation of waste management systems, covering the full-process control of waste from generation, classified collection, safe storage, compliant disposal to recycling. They are also responsible for related data statistics, ledger management, employee training, and emergency responses.

The Company has established a comprehensive environmental management system framework. Its systems such as the "Environmental Protection Management System,""Solid Waste Disposal Management System,""Environmental Monitoring Management System,""Clean Production Management System,""Soil Pollution Prevention and Control Management Regulations,""Environmental Emergency Management System," and "Environmental and Safety Culture Construction Management System" have all set forth clear requirements for waste management.

Waste Strategy

The core of the waste management strategy of Tianneng Co., Ltd. is **"reduction, recycling, and harmlessness treatment,"** which has been deeply integrated into its green circular development strategy. The Company is committed to redefining most solid "waste" generated during production as recyclable "resources," and efficiently recycling them.

Tianneng Holding has formulated the "'Zero-Waste Group' Construction Work Plan of Tianneng Holding Group." In strict accordance with the work plan, as an important subsidiary, Tianneng Co., Ltd. has set specific phased strategic objectives:

By the end of 2025, it will largely complete the pilot construction, and establish an internal solid waste management system.

By the end of 2027, it will pass Grade A in the standardized environmental management assessment for all production-oriented subordinates, significantly improving solid waste reduction, recycling, harmlessness treatment, and circulation.

This strategy is implemented through the full lifecycle management of **"source prevention, process control, and end-of-pipe treatment":**

Source prevention

At the product design stage,"green ecological design" and "clean production technologies" are adopted, such as modular design and computer simulation, to reduce the use of hazardous substances and waste generation at the source. Advanced green processes for lead-acid batteries, such as four-strand continuous casting process for lead-acid batteries, automatic assembly, and sludge reuse are promoted to reduce lead-containing waste.

The core strategy for generated waste is "comprehensive utilization" through recycling. Hazardous waste is treated according to the principle of "classified collection, safe storage, compliant disposal, and recycling", while Harmless waste relies on the closed-loop industrial chain of "recycling-smelting-reproduction" for high-value utilization.

Process control and recycling

End-of-pipe treatment and closed loop

All waste emissions meet national standards at least. Through self-built nationwide networks for waste battery recycling and industrial parks of internal circular economy, waste batteries and production waste are treated in a closed loop within the Company or the industrial park, leading to a "zero-waste" ecosystem and minimizing final disposal.

Waste Risk and Opportunity Management

Environmental impact and risk identification of waste: The Company's production and operation involve toxic and hazardous substances such as lead, sulfuric acid, and electrolyte. The resulting lead-containing waste, waste acid, and waste solvents are classified as hazardous waste. Improper control could have serious impacts on soil, water bodies, and employee health. The disposal of general industrial solid waste also faces environmental pressure. The Company makes efforts for project compliance with the control requirements of "Three Restrictions and One List" through strict pre-project environmental impact assessment, avoiding ecologically sensitive areas during site selection. In daily operations, it controls potential environmental risks by hazardous waste identification, risk assessment, and hazard investigation and control, detailed "Environmental Emergency Management System "and plans, as well as regular emergency drills.

Waste opportunity management: The Company views waste management as a dual opportunity for both environmental and economic benefits. Through advanced recycling technologies, it converts lead-containing sludge, waste battery plastics, lead-containing scrap into reusable raw materials. This not only reduces the cost of purchasing raw materials and outsourcing disposal but also creates new product lines and profit growth points. For example, reusing sludge from wastewater treatment as a slag reducer for lead melting furnaces achieves the internal recycling of hazardous waste, delivering significant annual cost savings. This circular economy model effectively reduces the Company's dependence on primary mineral resources, decreases the full life cycle carbon footprint, and enhances supply chain resilience. It also responds to the national "dual-carbon" strategy and "Zero-Waste City" construction requirements, strengthening the brand's green competitiveness.

Waste Control Objectives and Indicators

The Company has set clear objectives for waste reduction and recycling goals, and taken actions at various levels accordingly.

Reduction and recycling goals

- Continuously reduce the intensity of solid waste generation per unit of output value.
- ncrease the internal recycling rate of waste and reduce the outsourced disposal.

Specific measures for the fulfillment of these goals

- **Source reduction measures:** Deepen clean production audits; develop and promote green processes of continuous casting and rolling, continuous punching and coating for lead-acid batteries; optimize material formulas and processes in the lithium-ion battery sector; promote paperless office work to reduce disposables; and build a "zero-waste supply chain," prioritizing the use of non-toxic, easily recyclable raw materials.
- **Process control and recycling measures:** recycle waste through such processes as "continuous casting and rolling," and use information systems (intelligent manufacturing systems) for real-time tracking and traceability of waste-generating processes.
- **End-of-pipe treatment and related measures:** Ensure the compliance of all waste emissions with national standards, and enhance employees' operational compliance through "waste management training" to minimize waste emissions.

Based on the comprehensive implementation of a full-lifecycle waste management process, Tianneng Co., Ltd. has implemented strict and efficient treatment and disposal of both hazardous and Harmless waste generated during the reporting period, depending on waste characteristics.

Hazardous waste treatment

Strictly follow the principle of "classified collection, safe storage, compliant disposal, and recycling." First, at the source, waste is classified by properties and stored in dedicated hazardous waste storage warehouses with compliant signs, anti-seepage measures, and monitoring facilities. Disposal modes include: **1) Internal recycling:** For instance, lead-containing sludge is used as a slag reducer in lead melting furnaces through self-developed technology; and waste lead paste and grids are reused in production after automatic sorting. **2) Compliant outsourced disposal:** The waste that cannot be internally utilized is entirely entrusted to qualified professional units with national permits for safe disposal. An electronic transfer manifest system is implemented to ensure full traceability. During the reporting period, 100% of the hazardous waste generated by the Company has been safely and compliantly disposed of or recycled. None of its subsidiaries' hazardous waste storage facilities has experienced non-compliance issues such as overdue storage, storage of unauthorized substances, or storage beyond capacity.

Solid waste treatment

The core strategy is recycling, transforming waste into resources. For example, waste battery plastics are automatically sorted and processed into recycled plastic pellets, which are then used in the manufacturing of new battery casings; and lead-containing waste is sent to the parent company, Tianneng Power, for recycling and smelting, and then reused as raw material for lead-acid battery production. During the reporting period, all general industrial solid waste has been properly classified and disposed of. The Company continuously reduces the generation of Harmless waste through process optimization, such as replacing gravity casting with "continuous casting and rolling."

2025 Waste Key Performance Indicators

Indicators	Unit	2025
Hazardous Waste	Ton	137,333.99
Non-hazardous Waste	Ton	6,615.13
Total General Solid Waste	Ton	6,615.13
Compliant Disposal Rate of General Solid Waste	%	100
Compliant Disposal Volume of General Solid Waste	Ton	6,615.13
Compliant Disposal Rate of Hazardous Waste	%	100
Compliant Treatment Volume of Hazardous Waste	Ton	137,333.99

Clean Technology Opportunities

Tianneng Co., Ltd. deeply recognizes that the research, development, and application of clean technologies are the core drivers for addressing climate changes and promoting industrial green transformation, as well as the key to its long-term competitiveness. In 2025, it continued to place clean technology innovation at the core of its strategy, and made substantial progress in several key areas and promoting mature technologies across the industry, contributing to the green transformation of the manufacturing sector.

Pioneering Frontier Zero-Carbon Energy by Developing Hydrogen Energy and Next-Generation Battery Technologies

To become a leading enterprise in the future zero-carbon transportation and energy storage markets, the Company has actively taken actions for the research, development and industrialization of hydrogen energy and next-generation battery technologies.

Hydrogen fuel cells

The Company has developed hydrogen fuel cells and put them into commercial operation. Its products have been applied in city buses and loaders, as solutions to zero-carbon heavy-duty transportation.

Sodium-ion batteries and solid-state batteries

In the sodium-ion battery field, the Company's products maintain a capacity retention rate of over 80% at extremely low temperature (-40° C). In addition, the Company has released energy storage cells. In the solid-state battery field, its products have passed stringent nail penetration tests and are applied in electric motorcycles and drones, laying out a diversified zero-carbon technology roadmap.

Deepening Energy Conservation in Production by Applying Green Processes and Waste Heat Recovery Technologies

The Company deeply integrates green technologies into manufacturing processes, substantially reducing emissions in production through process innovation and energy cascade utilization.

Green manufacturing processes

The Company comprehensively promotes advanced technologies such as "Four Continuous Processes"(continuous casting and rolling, continuous punching and coating, continuous mesh expansion, etc.), and energy feedback charging. Among them, the recovery rate of discharged energy in the charging stage exceeds 80%, reducing energy consumption and acid mist generation at the source. The application of electromagnetic melting furnaces to replace traditional gas melting furnaces has reduced the energy consumption 18% at the "zero-carbon factory" in Tianneng Guizhou and other related factories.

Identifying Toxic and Hazardous Substances for Reduction and Recycling

The Company has clearly identified the toxic and hazardous substances involved in its main production processes and systematically reduced their use and emissions through process innovation, equipment upgrades, and recycling. The core substances are lead, sulfuric acid, and their derivatives.

Identified toxic and hazardous substances

In its clean production disclosures, the Company details the toxic and hazardous raw and auxiliary materials used and the hazardous waste generated, based on systematic identification.

Substance Category	Specific Substance/Form	Main Source/Process	Potential Risk/Impact
Toxic and hazardous raw and auxiliary materials	Electrolytic lead, alloy lead, red lead (Pb_3O_4)	Grid manufacturing	Lead and its compounds may cause environmental and human health hazards.
	Concentrated sulfuric acid (98%)	Battery formation and acid preparation	Sulfuric acid mist is corrosive.
Production process emissions	Lead fume, lead dust, and sulfuric acid mist	Lead melting, grid casting, and battery formation	Air pollutants are also major occupational health hazards.
Hazardous waste	Lead slag, lead powder, lead sludge, lead-contaminated items, etc.	Production, pollution control, and maintenance processes	Improper disposal will result in soil and water pollution.

Measures taken to reduce use and emissions

The Company adopts comprehensive measures in the "source-process-end" process, aiming at reduction and recycling.

Orientation	Measure/Case	Key Effectiveness and Quantitative Outcome
1. Process and Equipment Upgrades (source and process reduction)	Promote the continuous casting and rolling process: Replace traditional gravity casting in the production of some series of positive and negative grids.	Reduce lead fume and lead dust emissions.
	Apply "cold cutting" and other intelligent production lines: In all factories, use robotic assembly and adopt direct cold cutting instead of the thermal granulation process.	Eliminate lead fume generation, reducing the energy consumption by 30% and pollutant emissions by 50%.
	Building smart factories: Reduce human exposure through smart factories across the entire industrial chain.	Reduce the pollutant emissions per unit of product by nearly 60%.
2. Waste Recycling	Internal reuse of lead-containing sludge: Transform lead-containing filter press sludge from wastewater treatment into slag reducer for lead melting.	Reduce hazardous waste (sludge) disposal volume through harmless treatment and recycling.
3. Systematic Environmental Management	Improvement of systems and training: Internally formulate systems such as the "Clean Production Management System" and conduct specialized training.	Ensure effective operation of the management system, and enhances employee awareness.

Using "Green Factories" as Models, for Integration and Promotion of Green Power and Carbon Sink Technologies

The Company and its subsidiaries have a total of 10 entities certified as national-level green factories.

National green factory of “ Power Energy ”

Tianneng Ma'anshan National Level "5G Factory"

Green Design and Product Certification

Tianneng Co., Ltd. deeply integrates green design concepts into the initial stage of product research and development. It is committed to reducing resource consumption and environmental impact at the source. It also actively strives for green certifications of its products, in order to enhance its market competitiveness and respond to green supply chain requirements.

Green design practice and quantitative outcome

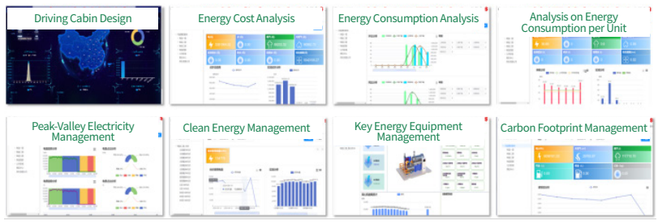
The Company actively adopts technologies such as eco-design, modular design, and computer simulation, and implements green concepts in the product design. For example, by optimizing the battery structure design, reducing the use of hazardous substances, and improving energy density and cycle life, it aims to reduce the resource and environmental load throughout the product lifecycle. Five of the Company's subsidiaries have been rated as "National Industrial Product Green Design Demonstration Enterprises" by the Ministry of Industry and Information Technology, demonstrating industry-leading green design capabilities. In terms of quantitative outcome, the Company's green design concepts effectively contribute to its achievement of circular economy goals.

Green product certification

The Company actively makes efforts for green design product certification, highlighting environmental attributes. During the reporting period, the Company and its subsidiaries have accumulatively received 22 national-level honors related to green design products. Multiple series of its power battery and energy storage battery products have passed national or industry-recognized green design product certifications, and met relevant standards like the "Technical Specification for Green Design Product Evaluation." These certifications not only verify the products' excellent performance in energy efficiency, environmental protection, and use of renewable materials, but also serve as important permits for the Company's products to enter high-end markets in strict accordance with the environmental requirements as well as the ESG procurement requirements of major customers.

Digitalization Empowering Clean Production by Building Smart Energy and Carbon Management System

The Company deepens its "AI+Ecology" strategy, utilizing digital technologies to enhance the refined management of clean production. By deploying a new generation of energy management system (EMS), and integrating AI and digital twin technologies, it achieves millisecond-level response and intelligent scheduling of energy consumption. Simultaneously, it is building an exclusive smart energy and carbon management platform for carbon neutrality, which is designed to analyze carbon emission patterns through big data, optimize energy allocation, monitor carbon data in real time, and intelligently match carbon reduction solutions, thereby empowering management efficiency improvement through technology.



Energy and Carbon Management System of Tianneng Co., Ltd.

Tianneng Co., Ltd. takes clean technology opportunities as its core corporate development strategy. By integrating the technology chain of "green design-intelligent manufacturing-circular regeneration," it not only significantly reduces the environmental impact of its own operation, but also exports proven green technologies, circular models, and zero-carbon solution, striving to become a replicable model and technological leader driving the green transformation of the new energy sector and even traditional manufacturing.

Case

Tianneng Co., Ltd. Focusing on Internal Environmental and Safety Audits

Based on its "Collection of Environment, Health and Safety Management Systems" and "Environmental and Safety Accountability Management System," Tianneng Co., Ltd. has established a normalized internal environmental audit mechanism covering three levels: the Company, business units, and subsidiaries. In 2025, through special supervision and precise assistance, the Company's Energy, Carbon, and EHS Management Center issued 48 environmental and safety supervision notices to the divisions conducting relatively lagging management, and established "one-policy-for-one-enterprise" assistance teams to promote systematic rectification and improvement. This ensured 100% closed-loop management of issues identified in internal audits, and directly linked audit results to monthly and annual operational performance assessments of each division, achieving the value transformation of environmental management from passive compliance to active governance.

Internal Environmental Audit Site of Tianneng Co., Ltd.

Protecting Lucid Waters and Lush Mountains

Tianneng Co., Ltd. has built an environmental compliance management system involving clear responsibilities and covering the entire chain, in strict accordance with national and local environmental regulations. In 2025, by improving the organizational structure, enhancing system processes, deepening system certification, and strengthening risk emergency response, the Company continuously enhanced environmental management effectiveness. It has established an environmental management system framework covering the entire project lifecycle and ensuring effective control of environmental risks through company-wide training, intelligent monitoring, and plan drills. As of December 31, 2025, the Company and all its manufacturing subsidiaries had passed ISO 14001 environmental management system certification, achieving stable operations based on environmental compliance but with no major environmental incidents throughout the year.

Environmental Compliance Management

Tianneng Co., Ltd. always takes ecological and environmental protection as its core strategy in development, laws and regulations as the foundation and systematic management as the means. It has been continuously implementing and improving various environmental compliance management measures. In 2025, the Company experienced no major environmental emergencies, safety accidents or administrative penalties concerning environmental issues. All employees worked together to fulfill environmental management goals and ensure stable and compliant operation.

Environmental Management Systems and Regulations

Tianneng Co., Ltd. has established a whole-value-chain three-level environmental management organization involving clear responsibilities. Centered on a systematic framework, the Company has passed international standard certification and goal-based responsibility assessment, thereby ensuring the comprehensive and effective fulfillment of environmental management requirements from strategic decision-making to production.

System Construction and Organizational Structure

Tianneng Co., Ltd. has established a company-wide three-level environmental management organization (company-business units/directly affiliated units-subsidiaries) involving clear responsibilities. It also continuously deepens system construction for more efficient management. At the company level, the Energy, Carbon, and EHS Management Center is established, serving as the coordinating and centralized management department for environmental management, responsible for formulating the Company's environmental policy, strategic planning, and management systems, and supervising their implementation. Each business unit and subsidiary has established their own environmental and safety departments or assigned full-time environmental management personnel for the effective implementation of environmental management requirements in production and operation. This system defines environmental responsibilities at all levels, from decision-making and management to execution. Environmental performance indicators are broken down and assessed at each level in the form of environmental and safety responsibility agreements, distributing responsibilities to specific posts and individuals.

Energy, Carbon, Environmental and Safety Management Strategy Framework of the Company

"Ninth Five-Year" Strategic Framework

Vision	Become a benchmark for energy, carbon, EHS management in the global new energy industry, and help Tianneng become the most respected new energy enterprise			
Mission	Integrate energy, carbon, EHS management, safeguard the Group's safe development, and drive efficient energy utilization and upgrading of green competitiveness			
Values	Safety First, Energy Saving and Carbon Reduction, Proactive Compliance, Win-Win Collaboration			
Strategic Positioning	The "Cornerstone of Safety and Creator of Green Value" for the group's international operations			
Three Cornerstones Strengthen Management Foundation	**Systematization** Deepen system construction and improve management efficiency	**Standardization** Establish standard systems and unify the entire value chain	**Digitalization** Accelerate digital transformation, and integrate manual and technical prevention	
Four Pillars Strengthen Core Capabilities	**Risk Prevention and Control** Implement precise risk control operations, and build a solid safety barrier	**Emergency Management** Strengthen emergency response capabilities, and optimize crisis response	**Overseas Business** Fully integrate into international standards, and support the entire overseas chain	**Organization and Team** Reorganize organizational capabilities, and build professional teams
Four-Wheel Drive EHS Value Creation	**EHS Culture** Shape a sound EHS culture, and promote value transformation	**Intrinsic Safety** Address intrinsic safety challenges, and advance source-based governance	**Energy and Carbon Management** Deepen energy and carbon management, and demonstrate green value	**Closed-Loop Implementation** Strengthen supervision and implementation to ensure accountability is fulfilled

Systematic Management

The Company has established a documented environmental management system framework. Centered on its core program, the "Collection of Environment, Health and Safety Management Systems of Tianneng Battery Group Co., Ltd. ", the Company carries out continuous dynamic updates and improvements for the compliance with the latest national laws, regulations, and management practices. The system comprehensively covers all aspects of environmental management, including but not limited to the" Environmental Protection Management System" "Environmental Monitoring Management System" "Pollutant Management System" "Solid Waste Disposal Management System" "Environmental Emergency Management System" "Clean Production Management System" "Environmental Information Disclosure Management System" and "Environmental and Safety Archive Management System."These systems define the environmental management requirements throughout the full project lifecycle from project approval, design, construction, operation, to decommissioning, providing a solid system guarantee for the Company's environmentally compliant operation.

System Certification

Tianneng Co., Ltd. and its key operating sites actively promote the standardization and international certification of environmental management systems. As of December 31, 2025, the Company and all its manufacturing entities and subsidiaries had passed ISO 14001 environmental management system certification by authoritative third-party certification bodies. Through the establishment, operation, and continuous auditing of the systems, the Company systematically identifies and controls environmental factors, continuously improves management processes, and achieves a spiral rise in environmental management performance.

Environmental Management System Certificate of Tianneng Co., Ltd.

Environmental Emergency Plan

Tianneng Co., Ltd. has established an emergency plan system covering all operating units. Through rigorous dynamic management, regular drills, and sufficient resource guarantees, the Company systematically enhances its capabilities for prevention and warning of as well as emergency coping with environmental emergencies, laying a solid final defense line for environmental risk prevention and control.

Emergency Plan System Construction

The Company attaches high importance to its capabilities for emergency prevention and coping with environmental risks. It has established an environmental emergency plan system covering the Company's headquarters, business units, and subsidiaries. All manufacturing subsidiaries have compiled the "Environmental Emergency Plans" in accordance with the requirements of national and local ecological and environmental authorities, including comprehensive emergency plans, special emergency plans, and on-site disposal plans for key positions. All such plans have been filed with relevant local authorities.

Environmental Management Process of Tianneng Co., Ltd.

Project Phase	Core Environmental Management Activity	Brief Description of Content	Management Objectives
1. Preliminary Planning and Design	**Environmental due diligence:** Identify potential environmental and biodiversity risks **Preliminary impact assessment:** Assess environmental feasibility of plans.	Environmental due diligence, screening of biodiversity-sensitive areas, comparison and environmental analysis of project plans.	Risk prevention: Avoid or minimize potential adverse ecological impact of projects.
2. Pre-construction Approval	**Statutory environmental impact assessment:** Prepare reports/forms and obtain approvals. **Permit application:** Apply for pollutant discharge permits, and formulate environmental emergency plans.	EIA reports and approvals, pollutant discharge permits, and environmental emergency plans.	Compliance assurance: Ensure the full compliance of projects with all statutory environmental requirements before construction.
3. Construction and Implementation	**Implementation of EIA Measures:** Strictly follow the approval requirements during construction. **On-site environmental supervision:** Monitor pollution and ecological protection during construction.	Reports on the implementation of environmental measures, and environmental monitoring data of construction.	Process control: Control and mitigate actual environmental impacts during construction.
4. Operation and Continuous Monitoring	**Law-based independent acceptance:** Carry out acceptance and publicly announce acceptance reports after trial operation. **Systematic self-monitoring:** Establish monitoring systems to continuously track emissions and environmental performance.	Post-construction environmental protection acceptance report, self-monitoring plan and annual implementation report.	Performance verification and improvement: Verify the effectiveness of environmental measures and continuously improve them.
5. Project Closure	**Environmental impact assessment of decommissioning/closure:** Formulate and implement ecological restoration plans	Environmental management plan for project decommissioning, site restoration plan, post-assessment report	Ecological restoration: conclude the project, and restore the ecological function of the project site.

Dynamic Plan Management

The Company strictly implements a mechanism for regular assessment and updating of plans. In the absence of major changes, each subsidiary is required to comprehensively revise and re-file plans every three years. If significant changes occur in production processes, equipment, risk sources, or relevant laws and regulations, plans will be immediately revised so that they are always pertinent and feasible.

Emergency Drills and Capacity Building

To test the effectiveness of plans and enhance employees' emergency response skills, the Company requires and supervises each subsidiary to organize at least two environmental emergency drills annually. In 2025, subsidiaries carried out practical drills and desktop exercises focusing on major environmental risks such as hazardous chemical leaks, acidic liquid pollutant leaks, excessive wastewater discharge, and flood prevention. Post-drill effect evaluations and summaries were conducted, and plans and emergency procedures were optimized in time based on identified issues. Simultaneously, the Company continuously invested in and maintained emergency materials, equipment, and facilities, ensuring the reliability of emergency response resources.

Emergency Drill for Acidic Liquid Pollutant Leak

Environmental Protection Training

Tianneng Co., Ltd. has established a normalized and multi-tier environmental protection training and education mechanism. Through systematic contents covering laws and regulations, professional skills, "dual-carbon" strategy, and company-wide employee awareness, the Company continuously enhances employees' environmental literacy and compliance capabilities, providing a solid talent guarantee for the stable operation of the environmental management system.

Training System and Content

The Company has established a normalized environmental protection training and education mechanism aimed at comprehensively enhancing all employees' environmental awareness, legal knowledge, and operational skills. The training content is systematic, mainly including:

(1) Training on environmental laws, regulations and company policies: ensuring management at all levels and employees in key positions are familiar with national and local environmental regulations as well as the Company's environmental management system requirements.

(2) Training on specialized skills: Conduct specialized skill training on job procedures, equipment maintenance, and risk identification for pollutant treatment facility operators, environmental monitors, hazardous waste managers, etc.

(3) Training on "dual-carbon" and energy conservation: Centering on the national "dual-carbon" strategy, conduct training on low-carbon development, energy management, and energy conservation technologies to enhance the professional capabilities of relevant personnel.

(4) Company-wide environmental awareness enhancement of employees: Promote environmental behaviors such as green office work, water and electricity conservation, and waste sorting through new employee induction training, daily publicity activities, internal publications, and bulletin boards, fostering a cultural atmosphere of company-wide participation in environmental protection.

Training Implementation and Effectiveness

In 2025, the Company's headquarters, business units, and subsidiaries organized and conducted over 20 training sessions on environmental, safety, and occupational health, involving thousands of participants in total. The training covered all employees, from senior management and environmental specialists to frontline team leaders and operators. Through systematic training, employees' environmental compliance awareness has been effectively strengthened, environmental risks caused by human operational errors have been reduced, laying a solid talent foundation for the Company's long-term stable and compliant operation.

Case

Innovative Concepts for Responsibility Strengthening, Skill Improvement and Efficiency Enhancement Consolidate Environmental and Safety Guarantees

In order to further enhance the professional capabilities of the environmental protection and security team, strengthen team cohesion, and promote environmental protection and security management to a new level, the Environmental Protection and Security Management Department of the Lead-Acid Battery Division, in accordance with the 2025 training plan, organized the "Decisive 85" Critical Season EHS Training Session, which was hosted by Tianneng Henan on November 13-14, 2025.

The training involved 34 environmental and safety personnel from 13 units. Through explanations and interactions on the pollutant discharge permit management system, prevention and control of occupational lead hazards, and electrical knowledge, participants fully understood relevant expertise in environmental protection and safety, enabling effective identification and prevention of risks in the future, and strengthening the role transformation of environmental and safety personnel from "solution" to "active prevention."

Environmental Protection Training Site

Environmental Monitoring

Tianneng Co., Ltd. has established a comprehensive environmental monitoring system combining "internal self-testing, entrusted monitoring, and online monitoring." By formulating and strictly implementing monitoring plans, regulating monitoring data management, and fulfilling information disclosure obligations according to laws, the Company conducts real-time and effective monitoring of pollutant emissions and surrounding environmental quality, ensuring transparency and compliance of environmental performance.

Monitoring System and Capacity Building

Tianneng Co., Ltd. has established a multi-tier environmental monitoring system integrating "internal self-testing+entrusted monitoring+online monitoring" for all-round monitoring of pollutant emissions and surrounding environmental quality. The Company and some of its key subsidiaries have environmental monitoring laboratories and instruments such as gas chromatographs and atomic absorption spectrophotometers. They also possess the internal manual monitoring capability for regular pollutants and some special pollutants in wastewater and exhaust gases to facilitate daily control and data verification.

Monitoring Plan and Implementation

All subsidiaries develop their own monitoring plans at the beginning of each year in accordance with national pollutant discharge permit management requirements, industry self-monitoring specifications, environmental impact assessments, and other relevant regulations, and publish these plans on the websites of national and local competent authorities for public access. Each company strictly implements the annual self-monitoring work in accordance with the established monitoring plans. The Headquarters Carbon & Energy and Environmental Safety Management Center and the Division's Environmental Safety Management Department regularly inspect the implementation status and rigorously carry out internal control work.

Online Automatic Monitoring Facility of Pollutant Source

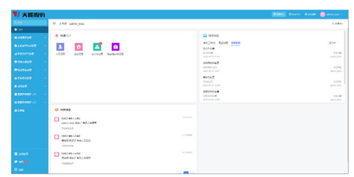
Data Management and Information Disclosure

Original records are retained on all monitoring activities, serving as the stipulated environmental management ledgers. Monitoring data is collected, analyzed, and reported by the environmental and safety department of each subsidiary. The Company strictly implements the environmental information disclosure system, regularly disclosing environmental information such as self-monitoring results, implementation of pollutant discharge permits, and construction and operation of pollution prevention facilities to the public in accordance with laws and regulations. The Company actively accepts government supervision and public oversight, and also safeguards the public's right to understand and address environmental issues.

Case

Promoting Environmental and Safety Information Platform

In 2025, the Company carried out online management of five core businesses: environmental and safety licenses and permits, risk classification and control, hazard investigation and control, operational safety, and accident management, as the first step towards digital environmental and safety management. The environmental and safety information platform now covers over 20,000 users, and the core environmental and safety data systematically sorted out lays a foundation for subsequent upgrades of the information platform, promoting the qualitative change of the management model from "experience-driven" to "data-driven."



EHS Information Platform

Circular Economy

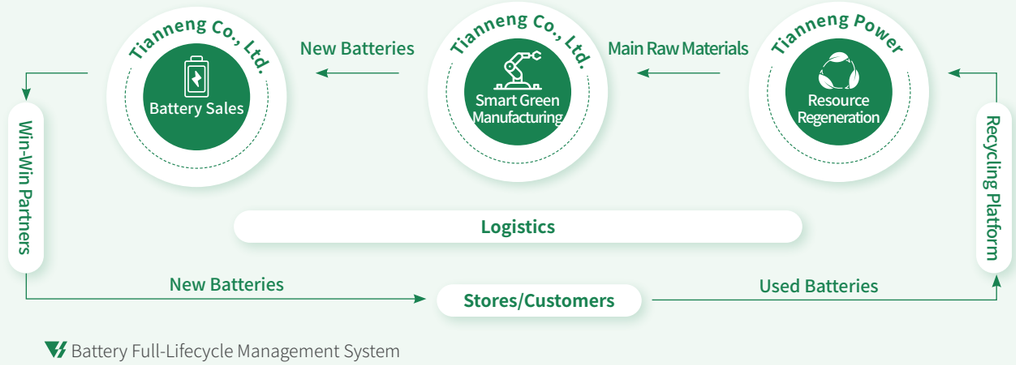
Tianneng Co., Ltd. deeply recognizes that the circular economy is the core path to conducting sustainable recycling, addressing climate change, and fulfilling corporate environmental responsibility. Guided by the concept of "green intelligent manufacturing • responsible operation • low-carbon circulation," the Company fully integrates circular economy principles into its strategy and operation, and collaborates with the parent company to build a green closed loop covering the entire battery lifecycle. This promotes the transformation from a linear model of "resource-product-waste" to a circular model of "resource-product-renewable resource," minimizing environmental impact while pursuing economic benefits.

Circular Economy Governance

The Strategy and Sustainability Committee under the Company's Board of Directors serves as the highest supervisory and decision-making body for circular economy, responsible for reviewing circular economy strategies, goals, and major investments. Led by the Energy, Carbon, and EHS Management Center, the management collaborates with the Procurement Management Center, Technology Management Center, and business units to build a cross-functional circular economy execution and coordination system.

The Company has established and continuously improved a system covering the entire circular economy process, including but not limited to the "Packaging Material Procurement Management System,""Centralized Procurement Management Measures for Raw and Auxiliary Materials,""Management Procedures for Disposal of Waste Equipment and Waste Materials," and "Zero-Waste Group Construction Plan." They define the management requirements and responsibilities for each process from green procurement of raw materials and resource conservation in production to recycling and utilization of waste materials, ensuring the circular economy based on the rules and regulations.

Circular Economy Strategy



Battery Full-Lifecycle Management System

Note: Tianneng Co., Ltd. is responsible for battery design, production/reproduction, and sales. The battery recycling business is under the parent company, Tianneng Power.
Tianneng Co., Ltd. and Tianneng Power jointly complete the full lifecycle management of batteries, promoting resource recycling and the development of a circular economy.

The Company's circular economy strategy is closely aligned with the national "Carbon Peak and Carbon Neutrality" goals and "Zero-Waste City" construction requirements, centered on building a "Lead + Lithium" circular ecosystem. The strategy focuses on three major aspects:

1.Ecological sourcing — Promote eco-design and modular design at the product design stage to reduce raw material consumption; and prioritize the use of renewable and recyclable green materials at the procurement stage.

2.Process resource utilization — Through technological innovation in manufacturing and recycling, carry out internal circulation and cascade utilization of waste materials, wastewater, waste heat, and exhaust gases, maximizing the value of "urban mining."

3.Closed-Loop industrialization — Together with Tianneng Power, the Company has built and improved a nationwide integrated network of "production-sales-recycling-regeneration-reuse." It implements the extended producer responsibility system for compliant recycling and high-value utilization of waste batteries.

Circular Economy Risk and Opportunity Management

The Company systematically identifies and controls risks and opportunities regarding the circular economy, transforming them into drivers for strategic transformation and long-term value.

Risk Identification

- **Resource and cost risks:** Sharp price fluctuations of key raw materials (such as lead, lithium, etc.), tight supply of primary mineral resources, and geographically concentrated distribution may affect supply chain stability and increase production costs.
- **Compliance and operational risks:** Domestic and international environmental regulations continue to tighten, imposing higher requirements for waste treatment, emission compliance, and extended producer responsibility. The existing illegal recycling and disposal of waste batteries may bring environmental compliance risks and affect the brand reputation.
- **Technology and market risks:** The rapid iteration of recycling technologies may lead to loss of competitive advantages if key technologies, such as fine sorting of lithium batteries and recovery of low-grade resources, are not implemented in time or breakthroughs are not made. Uncertainty also exists regarding the market acceptance and criteria for recycled materials downstream.

Opportunity Identification

- **Supply chain resilience opportunities:** Building a robust reverse recycling system can significantly reduce dependence on primary minerals, hedge against raw material price fluctuation risks, and ensure a secure, stable, and self-controllable supply chain.
- **Cost and value creation opportunities:** Efficient recycling can directly reduce raw material procurement costs. Additionally, the production process for recycled materials typically involves lower energy consumption and carbon emissions, helping to cope with the pressure of rising carbon costs and potentially securing a green premium.
- **Policy and market expansion opportunities:** The active coping with national policies such as the "dual-carbon" strategy,"trade-in" initiative and "Zero-Waste City" construction brings vast market space for the Company's circular economy. Leading circular practices will help build a green brand image, thereby meeting customers' growing ESG requirements and opening up new markets.
- **Technological innovation and standard formulation opportunities:** Technological accumulation in the circular economy can lead to core intellectual property and influence over industry standards, as long-term competitiveness.

Risk and opportunity management

- **In-depth technology R&D:** Make breakthrough in core technologies for lithium-ion battery recycling, such as efficient crushing and sorting, and collaborative extraction of valuable metals, to improve recovery rates and product purity and address technological risks.
- **Promotion of green procurement and eco-design:** Formulate and implement green procurement strategies, prioritizing the use of renewable and recyclable materials as well as eco-friendly packaging. The design conducive to disassembly and recycling at the product R&D stage can reduce the resource consumption and waste generation at the source.
- **Participation in policy and standard formulation:** Proactively participate in the discussion and formulation of future industry standards and norms regarding the circular economy, guide healthy market development, and transform compliance requirements into first-mover advantages.

Performance Highlights

During the reporting period, the Company used **504,701** tons of renewable materials, with a production material recovery rate of **90**%, and a packaging material recovery rate of **60**%.

Circular Economy Goals and Indicators

The Company has established multi-tier quantifiable goals for continuous improvement in circular economy. It has also demonstrated its progress and commitments.

Goal Type	Indicators	Brief Description of Content	Management Objectives
Resource recovery and recycling efficiency	Lead recovery rate	Maintain and optimize to internationally leading levels	> 99%(Core Circular Economy Industrial Park)
	Comprehensive recovery rate of valuable metals (cobalt, nickel) from lithium batteries	Continuously improve to industry benchmark levels	Cobalt and nickel recovery rates: ⩾ 98.5%
	Production wastewater recycling rate	Comprehensively promote 100% recycling in eligible production bases	100% recycling in Zhejiang Circular Economy Industrial Park
	Comprehensive waste utilization rate	Continuously improve, approaching 100%	Company-wide comprehensive waste utilization rate: 98%
Strategy and Management	"Zero-Waste Group" Construction	Fully established and operating efficiently, serving as an industry demonstration	The "Zero-Waste Group Construction Plan" has been released. In 2025, it was in pilot construction and system building phase, with the management framework largely completed.

Green Office

Tianneng Co., Ltd. has deeply integrated the green office concept into its framework of green transformation and "Zero-Waste Group" construction. To systematically promote low-carbon transformation in office operations, the Company explicitly proposed "promoting low-carbon transformation of office modes" in the "Routine Office Management System" and "Zero-Waste Group Construction Work Plan." Specific initiatives include advocating paperless offices, reducing the use of disposables, and widely issuing power-saving programs, guiding employees to fully utilize natural light and conserve electricity in the use of office equipment, air conditioners, and elevators. At the corporate culture construction level, the Company clearly requires the comprehensive practice of the zero-waste concept, advocating paperless offices and the "Clean Plate Campaign," continuously strengthening employees' environmental awareness and behavioral norms through internal publicity, training, and assessment, and integrating the green operation concept into routine office work.

Case

Paperless Office and Digital Process Practice

The Company actively responds to internal initiatives and vigorously promotes paperless offices. Through the widespread application of video conferences, electronic process approvals, and internal collaboration platforms, it has significantly reduced the printing, circulation, and storage of paper documents. In daily work, video conferences and duplex printing have been incorporated into quantitative statistics, aiming to continuously track and optimize office resource consumption. This not only reduces paper consumption and related costs in daily operations but also enhances cross-regional and cross-departmental collaboration efficiency through digital tools, serving as a typical case of driving management energy conservation through technological innovation.

Case

Environmental Protection Publicity and Cultural Construction

To create a green office atmosphere with full-staff participation, Tianneng Co., Ltd. has set up "Zero-Waste City" themed publicity columns in internal public areas, and regularly disseminates environmental protection knowledge such as energy conservation and emission reduction, and waste sorting through posters, electronic screens, and other forms. Simultaneously, the Company periodically organizes training and cultural activities concerning environmental protection, transforming the requirements for waste management and resource conservation into vivid and understandable behavioral guidelines for employees. These measures effectively enhance employees' recognition of and participation in green offices, gradually deepening the environmental concept from system provisions into employees' active actions and an important component of corporate culture.

Zero-waste promotional slogan

Tianneng Co., Ltd. will continue to deepen its green office practices. Firstly, it plans to further integrate energy and material consumption management in office areas into the "systematic and fine energy management" being constructed by the Company, utilizing data tools for more precise monitoring and control. Secondly, it will further strengthen the linkage between green offices and "environmental and safety culture," guiding employees from "passive compliance" to "active innovation" through positive incentives such as "environmental and safety scores," thereby jointly exploring the potential for energy conservation and waste reduction in office operations. Ultimately, the Company expects to combine excellent green office performance with core advantages such as green manufacturing and circular economy, transforming them into a sustainable development brand power demonstrated to stakeholders, and continuously consolidating its image as a green leader in the new energy sector.

Ecosystem and Biodiversity Protection

Tianneng Co., Ltd., while pursuing green development as its core strategy, has established a policy framework centered on green development. It has established a three-level environmental management organization linking the Company's headquarters, business units, and subsidiaries, and ensuring effective integration and deep synergy throughout the entire process from preliminary project planning to operation. The Company has also established the Energy, Carbon, and EHS Management Center, staffed with full-time environmental engineers leading environmental due diligence and biodiversity-sensitive area screening in the preliminary stages of projects, and placing environmental and biodiversity risk control at the forefront of decision-making.

The Company is committed to strictly implementing the environmental impact assessment system for new, renovation and expansion projects, ensuring the full compliance with the "eco-environmental zoning control" requirements, i.e., "Three Restrictions and One List" (restriction for ecological protection, restriction for environmental quality, restriction for resource utilization, and ecological environment access list). All subsidiaries are located in industrial parks at county levels or above, subject to the planning of environmental impact assessment but without sensitive and vulnerable areas such as nature reserves or restrictions for ecological protection.

Case

Rigorous Pre-Project Evaluation and Source Risk Avoidance

Before project implementation, the Company conducts rigorous environmental impact assessments, explicitly committing that all projects will involve measures for pollution prevention and ecological protection, thereby avoiding potential negative impacts on ecologically sensitive areas at the source. The Company's Energy, Carbon, and EHS Management Center is responsible for planning, design, and internal review of plans in the early stages of projects, leading environmental due diligence and biodiversity-sensitive area screening for risk prevention and no or minimum potential adverse impact on the ecology.

Case

Building a Circular Economy Ecosystem and Green Intelligent Manufacturing Industry Chain

By building a green intelligent manufacturing industry chain, the Company directly reduces its environmental footprint in operation. This runs through the entire process from green products and green factories to green supply chains. Several subsidiaries have been rated as national-level "Green Factories" and "Green Supply Chain Management Enterprises," indirectly reducing disturbance to primary ecosystems.

"Green Factory" of Henan Jingneng

Tianneng Co., Ltd. always integrates its social responsibility into the core of corporate development, adhering to the principles of people-orientation, shared responsibility, and shared value. Focusing on employee welfare and growth, it creates a safe, healthy, and inclusive working environment; promotes responsible supply chain management, joining hands with partners to practice ESG concepts; and deeply engages in rural revitalization and public welfare initiatives, giving back to communities and serving society through concrete actions. Driven by both innovation and humanistic care, Tianneng continuously transforms its corporate potential into inclusive social value, while assuming its corporate responsibility in the new era.

Sustainable Development Goals (SDGs) issued by the United Nations addressed in this chapter

02

Social Chapter

Energizing Stakeholders, Achieving Win-Win Coexistence

Innovation-Driven Development

Tianneng Co., Ltd. firmly adheres to the innovation-driven concept of "becoming a technology leader and value co-creator in the global new energy sector." It has built a full-chain technological innovation system covering R&D, management, collaboration, and transformation. Furthermore, the Company continuously intensifies efforts to tackle key core technologies, strengthening original and leading technological breakthroughs in the green energy sector; continuously improves the efficiency of scientific and technological achievement transformation by deepening industry-academia-research cooperation and enhancing industry technology benchmarking and ecological synergy. Simultaneously, it optimizes the allocation of innovation resources, and improves intellectual property protection and incentives, to comprehensively stimulate the organizational innovation vitality, effectively enhance the core competitiveness, and inject strong momentum into high-quality and sustainable development of the new energy sector.

Innovation-Driven Growth

Governance

Innovation System Construction

Tianneng Co., Ltd. continuously improves its technological innovation management system. It has built an R&D management system covering the "end-to-end" lifecycle. It has also formulated and implemented innovation management systems in terms of research system operation, platform construction, industry-academia-research collaboration, intellectual property protection, and innovation incentives, such as the "Management Procedures for Major R&D Projects,""Management Procedures for R&D Projects,""Procedures for Sampling Inspection of Technology R&D Achievements," and "Management Procedures for Technical Standards." Concurrently, each business unit, based on its own business characteristics, has formulated more specific management and review specifications covering the entire process from project approval, process development, process control, review and acceptance, to achievement transformation.

To strengthen the system implementation and capacity building, Tianneng Co., Ltd. continuously optimizes its corporate technological innovation governance structure:

The Company has established a Science and Technology Innovation Committee, convening regular technology work meetings to review and dynamically optimize R&D strategic plans and annual plans, thus ensuring high synergy between innovation and development.

Under the Innovation Committee, the Technology Management Center is responsible for routine technology innovation management.

Business units and subsidiaries are responsible for specific technology innovation.

•Technology Innovation Assessment System

The Company has established a technology innovation capability evaluation system, setting four primary indicators:"Innovation Organization, Innovation Management, Innovation Output, and Addition/Deduction Items." It details 13 common indicators including project execution standards, invention patent applications, and industry influence, as well as customized assessment contents based on the characteristics of R&D units. The assessment system adopts a dual-track model combining "routine work+innovation". On one hand, the completion of basic tasks will be assessed, such as project progress and technology-driven cost reduction rate. On the other hand, this system focuses on examining the innovativeness of technological paths and cost reduction measures, including precise identification of R&D bottlenecks and development of targeted improvements.

•Technology Innovation Incentive System

The Company comprehensively implements a categorized and graded incentive policy, setting different reward criteria for innovation achievements such as product development, patent applications, and paper publications, as well as special bonuses for key projects that have successfully passed acceptance. In 2025, it launched new incentive policies – linking compensation incentives to the number of projects undertaken, cash rewards to project contribution, and medium-to-long-term incentives to equity, effectively channeling incentive resources towards core technological breakthroughs and high-value innovation achievements, and stimulating the innovation vitality and intrinsic motivation of researchers.


IMSRP
基于 ISO 56005 的《创新与知识产权管理能力》
等级证书（3 级）
天能电池集团股份有限公司
ZZRZ

ISO 56005 Certificate of Innovation Management System

Strategy

Adhering to the philosophy that "technological innovation is the core driver for corporate development," Tianneng Co., Ltd. is committed to formulating and implementing a scientific and effective technology innovation strategy.

Forward-looking technological breakthrough layout: Based on the national "dual-carbon" goals and industry development trends, the Company has developed a forward-looking layout for future technological breakthroughs, focusing on disruptive new energy products and technological solutions. It aims to become a technology benchmark and pioneer in the industry, and strives for a new technological record to win the National Science and Technology Progress Award.

Exploration of new models for revenue increase and cost reduction: The Company, using new technologies (e. g. first principles) to further explore the potential for revenue increase and cost reduction at the company and product levels, as well as new business models and technological paths for both higher efficiency and lower costs.

Full Implementation of the high-quality integrated product development (IPD) R&D system: The Company has optimized resource allocation, focusing on key technology R&D projects, ensuring the precision and leading edge of R&D investment. It has comprehensively implemented the IPD system for higher management quality and efficiency of R&D projects.

Strengthening of R&D team building and innovation system: The Company has been improving R&D team building and innovation system, to cultivate and stimulate employees' innovation capabilities and thus support its long-term sustainable development.

Impact, Risk and Opportunity Management

Tianneng Co., Ltd. fully integrates technology innovation risks into its overall risk management framework, systematically collecting risk information related to technology, market, policies, and intellectual property throughout the R&D process. It rationally evaluates major technology innovation risks, and accurately identifies key factors that may have profound impact on strategy implementation, such as technological uncertainties, patent barriers, and lagging market acceptance. Based on the assessment results, the Company formulates and implements targeted risk management strategies, clarifying responses and responsibilities for risk control and technology continuous high-quality innovation.

Simultaneously, the Company has established a comprehensive tracking, monitoring, and reporting system, including normal warning and dynamic monitoring of cutting-edge technologies such as new batteries, energy storage integration, timely adjustment of technologies and resource allocation. It has prepared regular reports on major risks so that decision-making personnel are promptly informed of progress and potential impact.

Indicators and Targets

For year-by-year improvement of technological innovation capabilities at an industry-advanced level, Tianneng Co., Ltd. has formulated short-term and medium-to-long-term technological innovation goals, and regularly supervised their implementation and progress.

•Short-term Objectives

Initiation of the IPD R&D system, market survey and technology planning, promotion of R&D collaboration pilots;
Establishment of the central research institute, and planning of the three-level R&D platform organization;
Construction of Tianneng Technology Industrial Park, initiation of industry-academia-research cooperation projects, as well as technology planning and standard management.

•Medium-and Long-term Objectives

Full operation of the IPD R&D system, involving the coordination of R&D, production, supply, and sales across the entire chain;
Stable operation of the three-level R&D platform, enhancing forward-looking technology R&D and process innovation capabilities;
Completion and operation of Tianneng Technology Industrial Park, effectively integrating technology and capital and deepening industry-academia-research cooperation;
Technology planning and standard management throughout the product lifecycle, for compliant and efficient R&D as well as source cost reduction;
Continuous optimization of the technology innovation system, supporting key technology layouts and product iterations, and contributing to the Company's sustainable development and also the technological progress in the industry.

•Goal fulfillment

The Company has carried out IPD R&D system construction, promoted and optimized R&D digital systems, organized training to core R&D personnel, and make efforts for IPD R&D concepts and process systems.
Tianneng Central Research Institute has been established, aiming at forward-looking technology R&D in multiple fields such as lead-acid, lithium-ion, hydrogen fuel, and sodium-ion, and the three-level R&D platform organization has been substantially set up.

The overall design and planning of Tianneng Technology Industrial Park have been completed. The Company has engaged in technical exchanges with Zhejiang University, Shandong University, University of Electronic Science and Technology of China, and other universities, further enhancing its R&D capabilities.

Tianneng Co., Ltd. continues to increase its scientific research investment, achieving multiple technological breakthroughs and thereby enhancing its industry leadership. This plays a positive role in the Company's green and low-carbon transformation as well as its cost reduction and efficiency enhancement efforts.

Furthermore, the Company attaches importance to intellectual property management. In 2025, it revised the "Patent Management Procedures of Tianneng Battery Group Co., Ltd." and the "Trademark Management Procedures of Tianneng Battery Group Co., Ltd.," thereby improving its full lifecycle patent management and enhancing its technology management capabilities.

Performance Highlights

In 2025, the Company's R&D investment reached **1,856.6028** million yuan, with an R&D intensity of **4.05**%.

As of December 31, 2025 Technology Innovation Achievements of Tianneng Co., Ltd.

Cumulative number of holding or participating companies recognized as high-tech enterprises
24 Nos.

Number of holding or participating companies recognized for innovation capability
1 Nos.

Number of engagements in international standard compilation
4 Items

Number of engagements in industry standard compilation
57 Items

Number of engagements in national standard compilation
109 Items

Number of engagements in group standard compilation
118 Items

Cumulative number of holding or participating companies recognized as SRDI (Specialized, Refined, Differential, and Innovative) "Little Giant" enterprises
3 Nos.

Total Number of Valid Patents
3,827 Items

Total number of software copyrights
103 Items

Cumulative number of holding or participating companies recognized as SRDI (Specialized, Refined, Differential, and Innovative) SMEs
14 Nos.

Number of engagements in standard compilation
288 Items

List of "Top Ten Scientific and Technological Innovations for Carbon Peaking and Carbon Neutrality in Zhejiang Province, 2025"

Serial No.	Achievement Name	Completion Unit
1	County-Level Carbon Accounting and Carbon Neutrality Technology-Decision-Making-Application Integrated Innovation	Zhejiang Ecological Civilization Academy, Zhejiang Development&Planning Institute, Zhejiang University, Tianneng Battery Group Co., Ltd.
2	Research, Development and Application of High-Precision Detection Equipment for Atmospheric Greenhouse Gases by UAV	Zhejiang University of Technology, Zhejiang Society For Environmental Sciences, Hangzhou Ecological and Environmental Monitoring Center, Zhejiang Province, University of Nottingham Ningbo China, Shaoxing Tengyao Environmental Technology Co., Ltd.
3	Synthesis of Carbon Materials Based on Green Low-Temperature CO_2 Conversion and Their Energy Storage Applications	Zhejiang University of Technology
4	Intelligent Prevention and Control of Coastal Water Pollution and Habitat Restoration Technology	Zhejiang Ocean University, Zhejiang University, Tianjin Research Institute For Water Transport Engineering. M. O. T., Chinese Research Academy of Environmental Sciences, National Marine Environmental Monitoring Center, Yuzhi Environmental Technology (Zhejiang) Co., Ltd.
5	Innovation and Practice of Key Technologies for Low-carbon Power Infrastructure Construction Serving New Energy Development	State Grid Zhejiang Electric Power Co., Ltd., State Grid Zhejiang Electric Power Co., Ltd. Economic and Technological Research Institute, State Grid Zhejiang Electric Power Co., Ltd. Ningbo Power Supply Company, State Grid Zhejiang Electric Power Co., Ltd. Huzhou Power Supply Company, State Grid Zhejiang Electric Power Co., Ltd. Lishui Power Supply Company
6	MW-Class Small-Scale Natural Gas Hydrogen-Blended Gas Turbine	Zhejiang Energy Technology Research Institute Co., Ltd., Zhejiang Zheneng Fuxing Fuel Co., Ltd., Zhejiang Zheneng Electric Power Co., Ltd. Xiaoshan Power Plant, Zhejiang Zheneng Fuel Group Co., Ltd., Shanghai Marvel-Tech Ltd.
7	Key Technologies and Applications for Carbon Emission Reduction in the Steel Industry	Zhejiang Feida Environmental Protection Technology Co., Ltd., Ningbo Iron&Steel Co., Ltd., Zhejiang Environmental Protection Group Ecological Environment Research Institute Co., Ltd., Zhejiang University, Zhejiang University of Technology, China University of Mining and Technology, Huazhong University of Science And Technology, Zhejiang Huanyan Carbon Collection Technology Co., Ltd.
8	Exploration and Practice of Low-Carbon (Zero-Carbon) Towns in Dachen Town	Dazhen Town People's Government, Department of Earth System Science. Tsinghua University, Institute of Eco-environmental and Soil Sciences, Guangdong Academy of Sciences
9	Intelligent On-Site Non-Incineration Treatment Equipment for Medical Waste	Zhejiang Weidun Environmental Technology Co., Ltd.
10	Demonstration Project of Key Technologies for Multi-Energy Coupled Smart Low-Carbon Electricity/Thermal Supply Based on Hybrid Energy Storage	Tongxiang Juneng Qitai Energy Storage Technology Co., Ltd., Zhejiang Materials Industry Environmental Protection Energy Co., Ltd.

"County-Level Carbon Accounting and Carbon Neutrality Technology-Decision-Making-Application Integrated Innovation" of Tianneng Co., Ltd., one of the "Top Ten Scientific and Technological Innovation Achievements for Carbon Peak and Carbon Neutrality in Zhejiang Province."

Industry Cooperation and Development

Amidst the current wave of vigorous development in the new energy sector, Tianneng Co., Ltd. actively participates in industry activities and collaborations, integrating efforts from enterprises, universities, and research institutions to strengthen industry-academia-research collaborative innovation.

Tianneng Co., Ltd. engages in showcasing cutting-edge products and technologies at internationally renowned exhibitions, participating in important policy seminars, and deepening industry-academia-research collaborative innovation. It actively participates in domestic industry exhibitions regarding energy storage and new energy batteries, presenting products and solutions based on multiple technologies. It has also signed strategic cooperation agreements for promote collaborative industry development. Addition, the Company vigorously advances industry-academia-research cooperation, partnering with universities and research institutions for joint R&D and talent development, and integrating advantageous resources from the parties concerned, thereby accelerating the transformation of technological achievements, and driving corporate technological innovation and industrial upgrading.

In 2025, the Company collaborated with several universities, including Zhejiang University , on a total of 6 industry-academia-research projects in fields such as lead-acid and lithium batteries, achieving remarkable outcomes.

At the new power battery launch conference held in Tianjin, Tianneng Co., Ltd. unveiled multiple new products, including Tianneng batteries conforming to new national standards, Tianneng Platinum Cloud Power Generation II, Tianneng platinum high-performance lithium-ion batteries, Tianneng chargers, and hydrogen energy shared two-wheelers. Through collaboration with Luyuan and Fibre, it also launched the "Rock" semi-solid batteries for two-wheeled electric vehicles.

Tianneng Co., Ltd. New Product Launch Conference

Building a Talented Team

Tianneng Co., Ltd. always adheres to the "people-oriented" philosophy, regarding talents as its core resources. It comprehensively strengthens talent-based development, continuously optimizes the talent management system, and strives for a safe, respectful, fair, and inclusive working environment for employees. It also protects employee rights and interests, supports employee growth, and cares for employee welfare. By building a sustainable ecosystem of coordinated development and mutual benefit between employees and the company, the Company helps employees realize their professional value and jointly drive its own long-term development.

Employee Rights and Guarantees

Tianneng Co., Ltd. always regards employees as the core of corporate development and takes safeguarding employees' vital interests as the baseline and goal of management. By continuously improving compliant and fair employment, as well as incentive compensation and benefits, it effectively protects the legitimate rights and interests of employees. It also attaches importance to the diverse needs of employees, by means of care, condolence, and exchanges, enabling employees to express opinions and participate in management. Furthermore the Company has been fostering an open, inclusive, and mutually trusting democratic management atmosphere, enhancing employees' sense of belonging and happiness and contributing to stable and long-term corporate development.

Compliant Employment

The Company strictly complies with laws and regulations such as the "Labor Law of the People's Republic of China," the "Law of the People's Republic of China on the Protection of Minors," and the "Social Insurance Law of the People's Republic of China." It has formulated the "Management Procedures for Employee Recruitment and Internship,""Management Procedures for Labor Discipline and Code of Conduct of Employees," and "Employee Attendance Management System," as well as a legal, compliant, fair, and just talent recruitment and management system. Adhering to the principles of openness, fairness, competition, and merit-based selection in recruitment, without discrimination based on gender, age, ethnicity, race or religious belief, all employees are required to sign a labor contract, which specifies labor relations, and equal access to the Company's various benefits. The company also pays social insurance and housing provident fund for employees according to the laws and regulations, safeguarding employees' labor and economic rights and interests.

The Company resolutely prohibits the use of child labor and forced labor, and implements management of Anti-Discrimination, Anti-Forced Labor, and Anti-Child Labor. The onboarding system strictly controls this, with processes not initiated for minors under 18. Labor contracts explicitly stipulate that employees have the right to terminate the labor contract relationship in cases of forced labor through violence, threats, or illegal restriction of personal freedom, ensuring employment compliance and legality, and safeguarding employees' legitimate rights and interests.

The Company firmly opposes workplace bullying and harassment. Instead, it actively makes efforts to build an equal, diverse, and inclusive working environment, featuring equal pay for equal work, so that every employee has a sense of belonging and happiness in work.

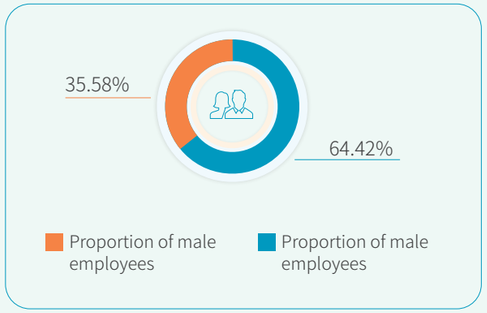
During the reporting period, the Company had no violations such as child labor or forced labor.

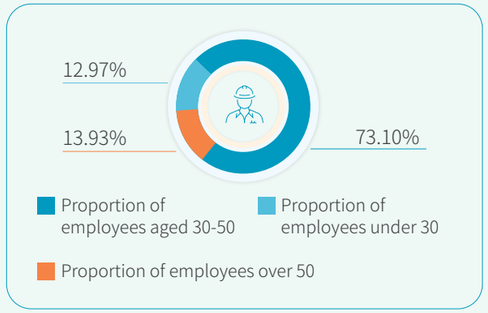
The Company continuously optimizes its talent structure, and takes measures to broaden recruitment. Recruitment relies on internal open application, qualification review, all-around democratic assessment, and multi-perspective interviews and audits. Combining social and campus recruitments, it implements an "internal+external" integrated approach to introduce talents, in order to rationally allocate human resources and build a high-quality talent team.

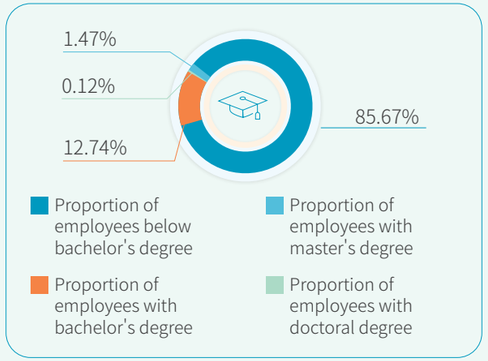
2025 Staffing of Tianneng Co., Ltd.

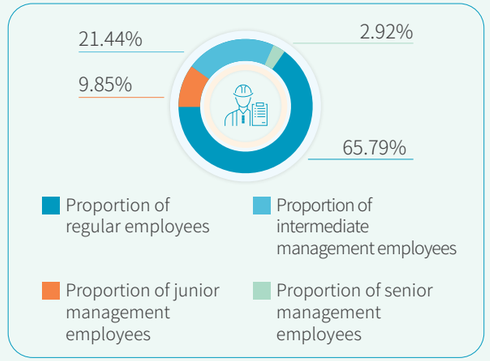
Total number of employees **18,933** People

Number of female employees **6,737** People Number of male employees **12,196** People









Performance Highlights

- The Company implements a preferential recruitment policy for veterans, providing them with career development paths while also building a diverse talent ecosystem.
- The Company actively provides employment conditions and positions for people with disabilities, cooperating with disability employment service agencies and conducting recruitment activities to promote inclusive employment. In 2025, the Company had **130** employees with disabilities.

Compensation and Welfare

Tianneng Co., Ltd. continuously optimizes its compensation, welfare, and distribution incentives to ensure employee compensations are both internally equitable and externally competitive. It fully leverages the incentives and restraints of compensation management. Through differentiated compensation incentives and welfare protection policies, it fully mobilizes employees' enthusiasm, and continuously enhances their sense of gain and cohesion.

The Company actively explores scientific, reasonable, and fair compensation management. It has formulated a compensation and welfare management system including the "Compensation Management System,""Incremental Incentive Management System,""Social Security and Provident Fund Management System,""Welfare Management System," and "Employee Attendance Management System." It also supports performance appraisal feedback. If employees have any objections to appraisal results, they can appeal to the corresponding human resources management department via OA. Relevant responsible persons must organize an investigation within one week upon receiving an appeal and supervise the organizations or individuals concerned to make a final ruling, thereby safeguarding employees' basic rights.

Compensation and Benefits Types

Base Compensation

Determined based on position value evaluation, covering base salary, position salary, overtime pay, monthly performance bonus, and year-end performance bonus. The relevant compensation is distributed based on performance assessment results.

Long-Term Incentives

Through incentive mechanisms with a period of three years or more, closely aligning employee interests with corporate interests.

Incremental Incentives

Additional rewards for exceeding one's own job responsibilities or project targets within one year, including but not limited to special awards, project incentives, target incentives, incremental profit sharing, and the President's Special Award.

Benefits

Statutory Benefits: Social insurance, housing provident fund, and high-temperature subsidy, etc.
Company Benefits: Meal subsidy, housing/rental subsidy, communication subsidy, holiday bonus, birthday bonus, physical examinations, etc.

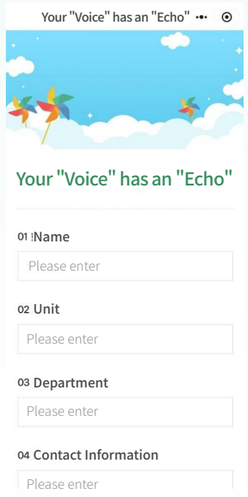
Democratic Management

Workers' Representative Congress

Tianneng Co., Ltd. deeply recognizes the importance of democratic management for the long-term development of the enterprise, regarding it as a key driving force for the steady progress of the company. It integrates democratic management into corporate culture construction, establishes a comprehensive and in-depth employee democratic management system and communication channels, enabling employees to fully enjoy the rights to information, participation, expression, and supervision. This fosters an open and inclusive atmosphere and safeguarding employees' democratic rights. The company continuously improves the team-level democratic management system, adheres to the principle of equal consultation, encourages and supports employees to participate in corporate governance through democratic election, decision-making, management and supervision, establishes and improves the system of employee representative congresses, holds regular employee representative congresses, and sets up labor law supervision and labor protection supervision groups, signs collective contracts and relevant special agreements, and perfects the democratic management mechanism through institutional strengthening.

Democratic Communication

Tianneng Co., Ltd. focuses on building a long-term mechanism for serving employees, and continuously creates a warm and trustworthy "Employee Home." The company actively broadens communication channels, and establishes an "online+offline" dual-channel communication mechanism. It understands employees' demands through offline channels such as suggestion boxes, the Chairman's mailbox, regular interviews, quarterly symposiums, and irregular "Face-to-Face with the Chairman" meetings, as well as an online channel – the Tianneng Voice mini-program. It compiles "Heart-to-Heart Briefings" quarterly, handles and replies within a time limit, and constructs a closed-loop management system of "listening-responding-implementing-feedback," opening up smoother channels for employees to extensively participate in corporate operation and management.



Tianneng Voice Mini-program

2025 Democratic Management Performance

Three new "online+offline" integrated feedback platforms were built and optimized. Regular heart-to-heart talks exceeded **100** person-times throughout the year, cumulatively promoting the resolution of **124** employee suggestions and opinions.

Employee Training and Development

Tianneng Co., Ltd. is committed to building a comprehensive and systematic talent development ecosystem. We regard talent as the core driving force for development, focusing on industrial transformation and organizational upgrading. We establish and improve employee career development and promotion mechanism, optimize the employee training system, continuously improve employees' professional skills and comprehensive qualities, pave a clear career growth path for employees, and lay a solid talent foundation for the company's sustainable development.

Career Development

The company builds a systematic management system centered on talent growth and development, and establishes dual career development channels – management and professional tracks – for management cadres and professional employees. It has formulated/revised systems such as the "Employee Promotion System,""Cadre Management System," and "Internal Talent Development and Mobility Management System," clarifying standards for employee promotion and job rotation, integrating training and development with talent development, constructing a closed-loop talent development system covering the entire chain of "selection, cultivation, utilization and retention," improving the full-cycle management mechanism for cadre selection, cultivation, utilization and retention, and providing clear paths and solid guarantees for employees' career development.

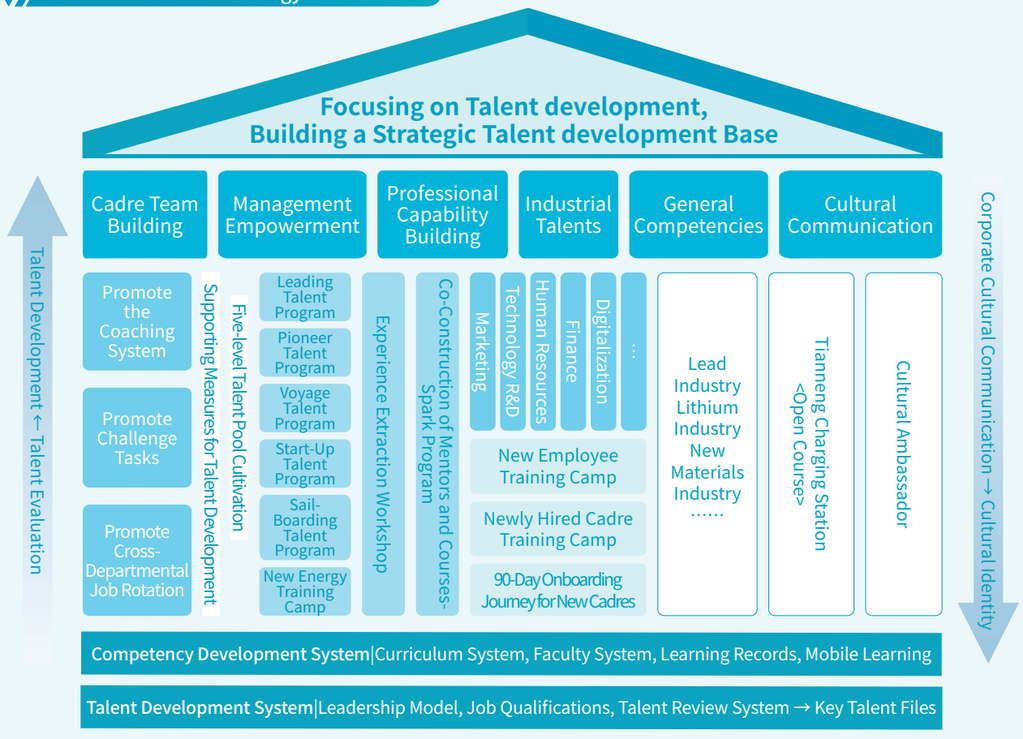
Talent Development

Tianneng Co., Ltd. actively cultivates talents. Supported by sound systems such as the "Internal Trainer Management Measures,""Training Fund Management System," and "Management System for Employee On-the-Job Academic Continuing Education," it consolidates the foundation of talent development through a dual-track guarantee system of "management+cultivation".

The company has built a five-level talent pool – "Management Trainee – Managerial Cadre – Director-level Cadre – General Manager-level Cadre – Leading Talent", continuously selecting high-potential talents for cultivation and accelerating internal talent growth. Through regular cadre inventory, it continuously improves succession plans for key positions. Centering on core dimensions such as leadership enhancement, professional capability improvement, new employee onboarding empowerment, internal trainer echelon construction, employee academic qualification upgrading, three-level safety education and special training for special operators, it constructs a comprehensive, multi-level, and standardized training management mechanism.

Meanwhile, the company has established a three-level academy management structure. Each business unit is equipped with a dedicated HR training team to carry out differentiated training accurately based on business characteristics. It has formed a composite teaching team of "internal trainer echelon+external expert resources," and establishing training carriers combining DingTalk open online learning platform and offline practical training. Through scenario-based and immersive learning experiences such as job rotations, leadership training, mentor guidance, and benchmarking learning, it improves the management literacy and professional capabilities of various talents. Ultimately, it forms a comprehensive cultivation system featuring "institutional support, tiered implementation, and multi-dimensional empowerment," enhancing the health of the talent echelon.

Talent Cultivation Strategy



Tianneng Co., Ltd. Training System Construction

Internal Trainers and Courses

- **Trainer Team:** Screen potential trainer, develop qualified courses; revise the "Internal Trainer Management Measures"; hold Teacher's Day activities, select "Most Popular Internal Trainers"; conduct special training for participating trainers.
- **Course Development:** Add new internal courses (including digital human courses).

Knowledge Base and Learning Platform

- **Knowledge Base Construction:** Establish internal knowledge bases for the academy and training lines, and guide subordinate units to build dedicated knowledge bases.
- **Platform Operation:** Build an online learning platform, launch relevant training programs, add multiple online courses; complete customized function development and integration with the HRSSC system; add an industrial college portal and set up an AI short course zone.

Case

Voyage Plan • Director Talent Development Program

To continuously advance talent pool construction, upgrade the capabilities of the existing middle management team, ensure a robust talent supply chain, and accelerate the cultivation and development of reserve cadres, Tianneng Co., Ltd. launched the "Voyage Plan • Director Talent Development Program (Phase II)" in 2025. This program encompasses five intensive training sessions, 10 days of offline courses, and 9 core leadership topics. Based on the position positioning and capability requirements of director-level talents, the program adopts a training model that combines external experts with internal training for the enrolled participants. It offers upgraded and customized training solutions, focusing on two core directions: team management and leadership transformation and breakthrough. The program aims to facilitate participants' progression from "cognitive mindset shift" to "behavioral practice implementation." It adopts the model of "systematic online learning+offline practical drills+post-training on-the-job practice" to comprehensively ensure the transformation of training effects.

Voyage Plan · Director Talent Development Program Training Site

Case

Campus Recruitment Employee Training Camp

In 2025, targeting the growth needs of campus-recruited graduates, Tianneng Co., Ltd. built a full-chain training system encompassing "intensive training – mentoring – on-the-job training." Through three key measures:"systematic onboarding intensive training to lay a solid growth foundation,""full-cycle mentor guidance to ensure training quality," and "end-to-end post-onboarding follow-up to form a closed-loop training process" – it accelerated the transformation of campus recruits from "students" to "professionals," laying a strong foundation for the career development of new employees.

Campus Recruitment Employee Training Camp Training Site

Case

Innovation and Efficiency Competition

In 2025, the company held an Innovation and Efficiency Competition, collaborating with 37 units to carry out 58 skill contests, collecting 39 innovative projects, and selecting 75 advanced models, fostering a strong atmosphere of "competing, learning, catching up, helping, and surpassing.

2025 Tianneng Co., Ltd. Employee Training Performance

The total investment in staff training is

3.686

million yuan

The per capita training investment is

190

yuan

The total length of staff training is

479,713.3

hours

Per capita training duration

24.86

hours

Employee Care and Activities

Tianneng Co., Ltd. places employee care in an important position of corporate development, committed to building a vibrant and happy enterprise. In accordance with the "Tianneng Happy Community Action Platform," the company strengthens all-round care and concern for employees, deeply understands employees' needs through employee happiness surveys, and continuously improves employees' sense of belonging and well-being.

The company continuously meets employees' spiritual needs through assistance for employees in difficulty and rich cultural and sports activities. It places significant emphasis on the practical challenges encountered by employees, implementing targeted care and support initiatives. The company is committed to diligently resolving employees' concerns and difficulties with genuine care and effort. It continuously carries out the "Four Seasons Delivery" program—providing job opportunities in spring, cooling supplies in summer, education assistance in autumn, and warm supplies in winter—as well as holiday condolences and mutual aid. Furthermore, it deepens care for female employees and safeguards their special rights and interests, effectively enhancing the sense of belonging and well-being of all employees and continuously improving corporate cohesion.

Warmth Delivery Site for Employees in Difficulty

In 2025, the company held 6 large-scale themed activities such as "March 8" "May 4" and "July 1" and 16 special care activities. It innovatively held Mid-Autumn Festival galas and year-end cultural performances, discovered artistic talents and created 8 original cultural programs. While enriching employees' spiritual life, it greatly enhanced employees' sense of belonging and improved work enthusiasm and efficiency.

Tianneng Co., Ltd. is committed to build a vibrant and happy enterprise. By conducting employee happiness surveys, it gains an in-depth understanding of its management status and continuously enhances employee enthusiasm and satisfaction.

Performance Highlights

Tianneng Co., Ltd. delivers warmth to families of employees in difficulty every Spring Festival. In 2025, Tianneng provided a total of **over 200,000 RMB** in financial assistance, benefiting nearly 100 individuals.

Case

March 8 Women's Day Symposium

In March 2025, the Company organized an International Women's Day symposium to pay tribute to every female employee and promote a corporate culture of equality, respect, and care. This further advanced the construction of gender equality and a diverse culture within the Company, laying a solid foundation for creating a harmonious and inclusive working environment.

March 8 Women's Day Symposium

Case

Mid-Autumn Festival Party – Walking Hand in Hand, Creating the Future Together

On September 29, 2025, the Company held a Mid-Autumn Festival celebration. Attending employees gathered to admire the moon, share moments of reunion, and envision a bright future, further strengthening team cohesion. Moving forward, Tianneng people will continue to work hand in hand to create a better future together.

Tianneng Co., Ltd. Mid-Autumn Festival celebration

Occupational Health and Safety

Tianneng Co., Ltd. always adheres to the working principle of "life first, safety first," continuously improving the construction of the occupational health and safety management system, promoting full life-cycle occupational health and safety management. It addresses safety issues thoroughly and practically, fosters a long-term and pragmatic occupational health and safety culture, and creates a safer, more orderly, and stable environment for the company's high-quality development.

Occupational Health and Safety Management System

The company strictly complies with laws and regulations such as the "Production Safety Law of the People's Republic of China," the "Law of the People's Republic of China on the Prevention and Control of Occupational Diseases," and the "Regulations on Safety Production Permits." It has formulated systems including the "Employee Occupational Health Management System,""Management System for Hazardous Operations Safety," "EHS Hazard Identification and Control Management System,""EHS Emergency Management System," and "EHS Management One-Vote Veto System." It has built a four-in-one occupational health and safety management system of "basic management-special management-collaborative management-supervision and assessment," covering institutionalized management, education and training, on-site management, risk control, emergency management, and continuous improvement. It has obtained ISO 45001 Occupational Health and Safety Management System certification.

Tianneng Co., Ltd. Occupational Health and Safety Management System Certificate

Occupational Health and Safety Management Structure

To ensure the implementation of the health and safety management system and the orderly progress of various measures, Tianneng Co., Ltd. has established a comprehensive occupational health and safety management structure.

EHS Committee

Responsible for formulating the company's EHS strategic plans, policies, and development goals.

Energy, Carbon, and EHS Management Center

Participates in the formulation and undertakes the headquarters' EHS strategies, policies, and goals; responsible for formulating and breaking down their respective EHS strategies, policies, and goals.

Each Business Unit

Responsible for defining strategic EHS objectives, undertaking with the company's strategic plan, and decomposing EHS strategies, policies, and goals

Each Company

Participates in the formulation and undertakes the implementation of the EHS strategies, policies, and goals set by their superior unit; responsible for formulating, implementing, and realizing their respective EHS strategies, policies, and goals.

Meanwhile, the company signs responsibility documents at all levels. Subsidiary business units and relevant functional departments sign "Environmental Protection and Safety Target Responsibility Documents," new employees sign "New Employee Production Safety Responsibility Documents," and subsidiaries sign "Production Safety Responsibility Documents." These documents are interlocked, strictly stipulating performance and reward/punishment systems, and fully implementing the work safety responsibility system.

Occupational Health and Safety Strategy

In 2025, the company formulated the "EHS' Ninth Five-Year'Strategic Plan," comprehensively deploying the company's occupational health and safety capability strategy with the following pillars: deepening system construction to enhance management efficiency; building a standard system to unify the whole domain and chain; accelerating digital transformation, integrating manpower and technical prevention as the cornerstone; implementing precise risk control to build a safety barrier; strengthening emergency response capabilities to optimize crisis response; fully integrating into overseas operations to holistically support international business throughout the chain; and transforming organizational capabilities to build professional teams as key pillars.

● Three Cornerstones ●

Deepen system construction to enhance management efficiency:
Dynamically improve the institutional system by regularly updating the "EHS Management System"; establish a coordination mechanism by setting up a regular EHS work meeting mechanism to coordinate EHS affairs; strengthen overseas compliance support by providing EHS risk management guidance for overseas projects in new regions or countries; establish an EHS pre-engagement mechanism for overseas projects to avoid compliance risks at the source. Simultaneously, clarify the responsibility boundaries of EHS positions and strengthen responsibility awareness training; improve the assessment linkage mechanism and strictly trace and hold accountable for responsibilities.

Build a standardized system to unify the entire chain across all areas:
Develop an EHS standard system that is adaptable to international operations and covers the entire business chain, achieving an upgrade from decentralized management to unified standardization, and from static compliance to dynamic optimization, thereby providing a rigid basis and action guide for EHS management.

Accelerate Digital Transformation, Integrate Manpower and Technical Prevention:
Deepen the deployment of intelligent technical prevention, upgrade the EHS information management platform, strengthen EHS big data empowerment, enabling EHS management to upgrade from passive coping with active prediction and human-machine collaboration, achieving deep integration of manpower experience and technical prevention effectiveness.

● Four Pillars ●

Precise Risk Control to Build a Safety Barrier:
Comprehensively and systematically implement risk classification management and control, driving risk control to upgrade from experience-driven to data-driven, and from comprehensive coverage to precise targeting, thereby building a solid safety barrier for the company's development.

Strengthen Emergency Response Capabilities, Optimize Crisis Response:
Optimize emergency plans, strengthen emergency support, enhance crisis management, and build a full-cycle emergency management system.

Fully Integrate into Overseas Operations, Support Internationalization Throughout the Chain:
Support internationalization throughout the entire chain by "expanding our international footprint-enhancing prevention and control capabilities-building a safety and environmental defense line-empowering overseas businesses."

Transform Organizational Capabilities, Build Professional Teams:
Establish an energy, carbon, and EHS management organization and talent system aligned with the company's strategy, supporting the management's transition from a supervisory role to a value-creating role.

Occupational Health and Safety Risk Management

The company continuously strengthens safety risk management, conducting comprehensive investigation and assessment of various potential health and safety risks. It has formulated the "EHS Risk Identification, Evaluation, and Control Management System" and established a comprehensive safety risk classification management and control mechanism.

The company uses the LEC method (inherent risk evaluation) to identify health and safety risks, clarify risk status, consequences, types, and countermeasures, and manage risks by hierarchy. Each business unit, subsidiary, workshop, and process regularly evaluates and continuously updates its risk registers, effectively reducing occupational health and safety risks.

In 2025, the company took the initiative to provide forward services and precisely control EHS risks of various projects. It advanced the threshold of risk prevention and control, providing EHS assessment empowerment for major projects such as Huzhou Lithium Battery Phase II. It strengthened technical empowerment support, learning from external accident cases to detect hazards in key equipment like photovoltaics. It assisted lead-acid bases in successfully passing industry standard condition reviews. And, it coordinated and advanced the construction of 88 EHS technological transformation projects, effectively improving the company's intrinsic safety level.

Process Risk Identification

Emergency Management

Tianneng Co., Ltd. focuses on EHS risks, strengthens hidden danger identification and management, standardizes accident emergency management, and improves the ability to respond to emergencies. It continuously improves the construction of its emergency management system, formulates the "EHS Emergency Management System," and consistently promotes the improvement of emergency response capabilities.

Various business divisions and subsidiaries, under company guidance and based on their own circumstances, have established corresponding emergency management systems. In 2025, Tianneng Henan formulated the "Production Safety Accident Emergency Plan" and filed it with the Puyang Industrial Park.

During the reporting period, all directly affiliated units and subsidiaries carried out emergency training and drills based on their specific circumstances to enhance employees' emergency response and self-rescue and mutual rescue capabilities. Meanwhile, external experts were invited to deliver special lectures to raise employees' risk awareness and prevention mindset. Focusing on industrial risk prevention and control priorities, the company innovatively adopted a "double-blind drill" model (no script, no notice), and carried out 466 emergency drills across all high-risk positions, covering scenarios such as fire, hazardous chemical leakage, electric shock, heatstroke, and confined spaces, with 20,038 employee participations. Strict evaluation and summary were conducted after the drills, and 238 plans were revised accordingly. Through the closed-loop mechanism of "drill – evaluation – optimization," both emergency response capabilities and the practicality of the plans were significantly enhanced.

Production Safety Goal

Work-related injury rate below
0.35 %
Completed

Number of work-related injuries below
70 people
Completed

Work-related fatalities
0 people
Completed

Production Safety Measures

The company resolutely implements the guiding principle of "full coverage, zero tolerance, emphasis on practical results," sets production safety goals, and urges all units to complete them with high quality. In 2025, the total investment in production safety was 149.5196 million yuan.

Lead-Acid Product Division Safety Inspection

Tianneng Guizhou Safety Inspection

Energy, Carbon, EHS Management Center and the Environmental Protection and Security Department of the Business Division conducts on-site inspections at each company every month, and carries out regular and irregular safety inspections on key links such as lead-acid and lithium-ion battery production. During the reporting period, senior management of the company personally took charge, going deep into the front lines to conduct a comprehensive safety hazard inspection campaign with no blind spots, covering critical areas including equipment, electricity, fire protection, hazardous chemical management, occupational health, the working environment, and labor protection.

During the reporting period, the company issued 48 supervision notices, investigated and dealt with 1,190 problems in total, and organized 526 rounds of hazard danger identification, found 11,795 safety hazards, with a 100% rectification completion rate by the deadline.

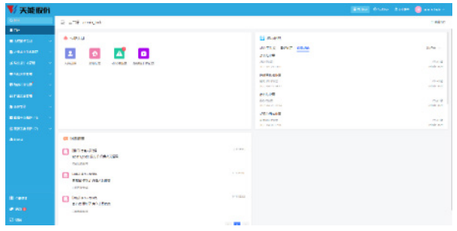
Case

Digital Intelligence Empowering Safety Management

The company breaks through traditional models, empowering management with digitalization and intelligence. It adheres to building an intelligent technical prevention system. The Lead-Acid Battery Division has fully deployed intelligent inspection robots, accumulating 563 warnings. The Lead-Acid Battery Division Meishan Base piloted intelligent fire monitoring+AI personnel behavior monitoring, building a collaborative prevention and control mechanism of "technical prevention early warning, manpower prevention response."

Meanwhile, it promotes the EHS information platform, realizing online management of five core businesses: EHS permits and licenses, risk classification management and control, hidden danger identification and management, operational safety, and accident management. It also systematically organized core EHS data, laying the foundation of the subsequent upgrade of the information platform and promoting the qualitative change of the management model from "experience-driven" to "data-driven."

Intelligent Inspection Robot



EHS Information Platform

Occupational Health Guarantee

Tianneng Co., Ltd. fully implements occupational health and safety requirements such as the "Law of the People's Republic of China on the Prevention and Control of Occupational Diseases" and the "Administrative Measures for the Reporting of Occupational Hazard Projects," paying close attention to the physical and mental health of employees.

Subsidiaries have established cooperation mechanisms with local medical institutions to set up company clinics, equipped with basic treatment drugs, heatstroke emergency medicines, and AED first-aid facilities as needed.

Special publicity and training contents are designed to enhance employees' awareness of mental health. Meanwhile, carry out 110 activities including multiple inspections and checks related to employee physical health and working environment health, resulting in 25 activity sub-plans and 25 activity summaries each.

Occupational Health Goals

Confirmed cases of occupational disease
0 people
Completed

Standardized rate for occupational health monitoring
100 %
Completed

Cultivation of Health and Safety Culture

The company attaches great importance to the cultivation of employeees' occupational health and safety culture. It has formulated the "EHS Education and Training Management System," which stipulates aspects such as training demand analysis and planning, training program and content design, training methods and implementation, continuously improving the EHS production training system.

Closely aligning with actual conditions, Tianneng Co., Ltd. provides employees with pre-job and on-the-job occupational health and production safety training. Meanwhile, during special festivals and thematic activities, it invites local medical institutions, competent authorities, and fire departments to carry out health and safety training activities and education activities such as free health clinics and professional knowledge training.

The company invited authoritative experts in the field of production safety to hold 24 special lectures, training 1,978 employees and imparting cutting-edge safety management concepts and practical skills. It also fully tapped internal resources, selected excellent internal trainers, and organized 5,195 internal safety training sessions, totaling 386,163 hours and covering over 107,123 employees, fostering a positive atmosphere where "everyone talks about safety, and everyone knows emergency response."

Some company units also rely on the Tianneng Academy online education platform, breaking time and space constraints and integrating online and offline methods for safety knowledge and skills training, making learning more flexible and convenient. This effectively promotes the popularization and deepening of company-wide safety education, further consolidates employees' safety knowledge base, significantly enhances safety risk awareness and prevention skills, and greatly strengthens employees' ability to identify risks and identify and eliminate hazards, building a solid defense line for production safety.

2025 Safety Training Performance

Number of Safety Training Sessions
5,195 Times

Safety Training Hours
386,163 Hours

Average Safety Training Hours per Employee
21.5 Hours

Employees Covered
109,101
Person-times

Case

"Production Safety Month" Activity

In 2025, we focused on continuously strengthening the initiative of "everyone talks about safety, everyone knows emergency response", adhered to coordinating development and safety, and firmly established company-wide safety red line awareness and bottom-line thinking through the national "Production Safety Month" activities. Utilizing the opportunities of Safety Month and Fire Safety Month, we organized activities such as knowledge competitions and emergency drills to create a strong safety culture atmosphere. Simultaneously, we strengthened the promotion of fire safety knowledge to enhance fire prevention and control capabilities.

Leaders Teaching "Safety Lessons"

Specialized Environmental, Health, and Safety (EHS) Training

Establishing a Responsibility Chain

Tianneng Co., Ltd. attaches great importance to the full lifecycle responsibility of the industrial chain. It incorporates supply chain management, product quality, and service into the company's key sustainable development efforts. It establishes an open and transparent procurement environment, continuously optimizes supplier management system processes, and establishes mutually beneficial and win-win cooperative relationships with suppliers. Meanwhile, it strictly controls product quality and provides high-quality services, contributing to the overall high-quality and sustainable development of the industrial chain.

Supply Chain Management

Tianneng Co., Ltd. always regards supply chain management as an important part of corporate sustainable development. To prevent procurement risks, ensure procurement quality, and guarantee the safety and stability of the supply chain system, the company adheres to the principles of "fairness, justice, and integrity,""integrity and self-discipline," and "supervision," constructing a scientific sound procurement process and supplier management system. By strictly controlling access qualification reviews and implementing dynamic performance assessments, it controls cooperation quality from the source. Meanwhile, it optimizes procurement strategies, strengthens cost control, quality supervision, and compliance reviews, and establishes a risk management mechanism to achieve closed-loop management of the entire supply chain. The company will continue to deepen supply chain resilience building, promoting efficient upstream and downstream linkage through technological empowerment and diversified collaboration, providing a solid guarantee for product delivery and customer service.

● Supplier Management ●

The company continuously strengthens supplier management and formulates system documents such as the "Procurement Management System,""Supplier Development and Management Control Procedures,""Supplier Classification Management Standards,""Supplier Audit Management System,""Supplier Performance Management System," and "Supplier Exit and Elimination System." Suppliers are systematically classified and managed according to procurement objects, procurement methods, authorization types, importance, risk, and performance. Supplier management is comprehensively optimized from the links of access, auditing, training, and exit, strengthening supplier quality management awareness and capabilities to build a sustainable supply chain.

Supplier Management Process

Supplier Sourcing

- After the requesting department initiates a project for the procurement item, it submits the procurement requirements to the procurement department.
- When existing suppliers are unable to meet the procurement needs, the procurement department develops new supplier resources through various channels.
- The company issues a "Supplier Questionnaire" to new suppliers, who are required to complete the form objectively and accurately and provide relevant qualification documents.

Supplier Screening

- The company conducts risk assessments based on the submitted "Supplier Questionnaire" and completes a "New Supplier Risk Assessment Form". After initial qualification, the company initiates the "New Supplier Review and Approval Process", uploads all supplier information and assessment forms, and submits them to the supplier management personnel.
- The supplier management personnel conduct preliminary qualification and risk screening based on the information from the "Supplier Questionnaire" and through online channels, Tianyancha, and other platforms, and determines the review method.

Sample Certification

- Suppliers provide a specified quantity of samples with self-inspecticon reports. If third-party testing is required, test reports from qualified testing institutions must be provided.
- After receiving the samples, the procurement personnel fill in the "Testing Entrustment Form and submits them to the Research Institute Testing Center for testing, obtaining a written "Test Report".
- If the samples provided by the supplier are unqualified, retesting is required. Three consecutive failures result in suspension of sample submission rights for one year, and the company will re-source new suppliers.

Supplier Review

- The company formulates a "Supplier Review Plan", and assembles an audit team to conduct supplier reviews in accordance with the plan.
- For different types of suppliers, on-site or online reviews are conducted.

Supplier System Admission

- According to the review results, fillin the "Supplier Admission Approval Fom" and "Payment Terms Confirmation Letter", upload all supplier admission materials, and complete OA approval to become a qualified supplier.

Performance Evaluation

- According to different categories of suppliers, conduct periodic evaluaticns in accordance with the "Supplier Performance Management Standards".

Supplier Support and Rectification

- Based on the monthly supplier performance reports, procurement personnel, together with the Quality Department, Technology Department, and relevant professional departments, shall drive rectification for underperforming suppliers.
- For suppliers with recurring issues and no obvious improvement, issue a"Supplier Warning Letter" requiring rectification within a time limit.
- For suppliers that fail to improve for a long time and cannot meet Tianneng's requirements, eliminate (freeze) them according to the "Supplier Performance Management Standards".

Annual Audit

- According to the "Supplier Annual Audit Plan", procurement personnel shall organize an audit team consisting of the Quality Department, Technology Department, Internal Control and Legal Departments, etc., as needed, to conduct supplier audits and issue audit reports.
- Conduct annual audits based on suppliers' annual performance levels.

● Supply Chain Risk Management ●

Tianneng Co., Ltd. values supply chain risk management. It has formulated regulations such as the "Procurement Risk Management System,""Procurement Integrity Management Measures," and "Procurement Conduct Code," establishing a standardized and effective procurement risk control system. It continuously improves risk prevention capabilities, enhances corporate competitiveness, and ensures the company's safe, stable, and sustainable development.

Various functional departments and business units extensively and persistently collect internal and external initial information related to company risks and risk control. Tools such as Dun&Bradstreet risk management are used to identify the company's supply chain risk types, analyze them one by one, and refine the supply chain risk inventories. On this basis, adhering to the principles of comprehensiveness and materiality, objective, accurate, and targeted risk solutions are formulated, resulting in risk assessment reports. Timely communication and early warning are conducted with leaders and relevant departments and units, and risk control policies and management measures are adjusted accordingly.

Risk Inventories

External Risks		Internal Risks	
Unforeseeable Risks	Technological Advancement Risks	Planning Risks	Inventory Risks
Price Risks	Contract Fraud Risks	Contract Risks	Responsibility Risks
Procurement Quality Risks		Acceptance Risks	Information Risks

Risk Prevention Measures

Measures	Main Content
Establish and improve the internal control system of the Procurement Center, strengthen education, and enhance quality	Establish and improve the internal control system and procedures of the Procurement Center; strengthen the training and education of procurement personnel; continuously enhance legal awareness; emphasize professional ethics construction; act in accordance with the law; cultivate team spirit; enhance internal risk prevention capabilities; fundamentally eliminate contract risks.
Strengthen supervision over procurement bidding and contract signing	Check whether procurement bidding is carried out in accordance with standard procedures and whether there are any violations. Strengthen contract signing supervision and comprehensively inspect contract terms.
Strengthen supervision over the entire procurement process and all aspects	Supervise all stages including planning, approval, inquiry, bidding, contracting, acceptance, accounting, and payment. Combine internal control audit, financial audit, and system assessment. A scientific and standardized procurement mechanism reduces material procurement prices, improves material procurement quality, protects procurement personnel and avoids external conflicts.

● Responsible Supply Chain Management ●

Supply Chain ESG Management

The company pays special attention to the environmental, social and governance (ESG) performance of suppliers, and puts forward ESG management requirements and initiatives for suppliers. Additionally, the company formulates continuous improvement plans and supervision mechanisms, encourages suppliers to innovate in ESG aspects, and regularly conducts ESG management training and audits for procurement personnel, employees, and suppliers.

Supplier ESG Management Requirements and Initiatives

Environment	**Environmental Protection:** Suppliers must take necessary measures to minimize the adverse environmental impacts of their business activities, including preventing pollution, protecting resources, recycling waste, reducing emissions, and properly discharging water. **Climate Change and Energy Efficiency:** Suppliers must take measures to mitigate climate change, reduce emissions of carbon dioxide and other greenhouse gases emissions in accordance with science-based carbon targets, seeking to achieve carbon neutrality. This includes managing climate-related impacts and risks, using renewable energy, and implementing energy conservation and carbon-reduction transformations. **Waste Management:** Suppliers should avoid waste, especially hazardous waste, enhance recycling rates and resource protection in their operations and upstream/downstream value chains, and actively control the significant impacts caused by waste **Water Resource Management:** Suppliers should use water efficiently based on availability and quality, reduce water withdrawal, treat water in an environmentally compatible manner, and properly treat wastewater, especially in water-stressed areas/involving local communities. **Ecosystems and Biodiversity:** Suppliers should strive to protect ecosystems and biodiversity, establish, implement and maintain relevant environmental policies. **Circularity and Resource Efficiency:** Suppliers must adopt circular economy approaches to manage materials, aiming to reduce the extraction of resources and raw materials, minimize waste, and keep products, components, and other materials at their highest value.
Society	**Labor and Human Rights:** Suppliers must comply with international labor standards, respect labor rights, and avoid the use of child labor and forced labor. **Occupational Health and Safety:** Suppliers must ensure workplace safety and health, conducting regular occupational health and safety training.
Corporate Governance	**Management Structure:** The supplier's management structure must be transparent, and the decision-making process must be fair and transparent. **Compensation Policy:** Suppliers must ensure fair and reasonable remuneration policies, and avoid gender and racial discrimination. **Compliance Management:** Suppliers must comply with all applicable laws and regulations, and avoid illegal acts. Business Ethics: Suppliers must adhere to business ethics, and avoid corruption and unfair competition practices.

Responsible Procurement Management

The company continuously builds a safe, compliant, and sustainable responsible supply chain system. Through systematic responsibility governance, risk control, and multi-party collaboration mechanisms, it carries out comprehensive traceability management for hazardous substances and conflict minerals in raw materials, enhancing supply chain transparency and traceability, and promotes the effective implementation of human rights protection and environmental responsibility throughout the value chain.

The company strictly follows the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas and the Chinese Due Diligence Guidelines for Responsible Mineral Supply Chains. It integrates conflict mineral management requirements into supplier management requirements, ensuring the chain of custody complies with international standards.

During the reporting period, the company did not find the use of raw materials from conflict-affected and high-risk areas in its products.

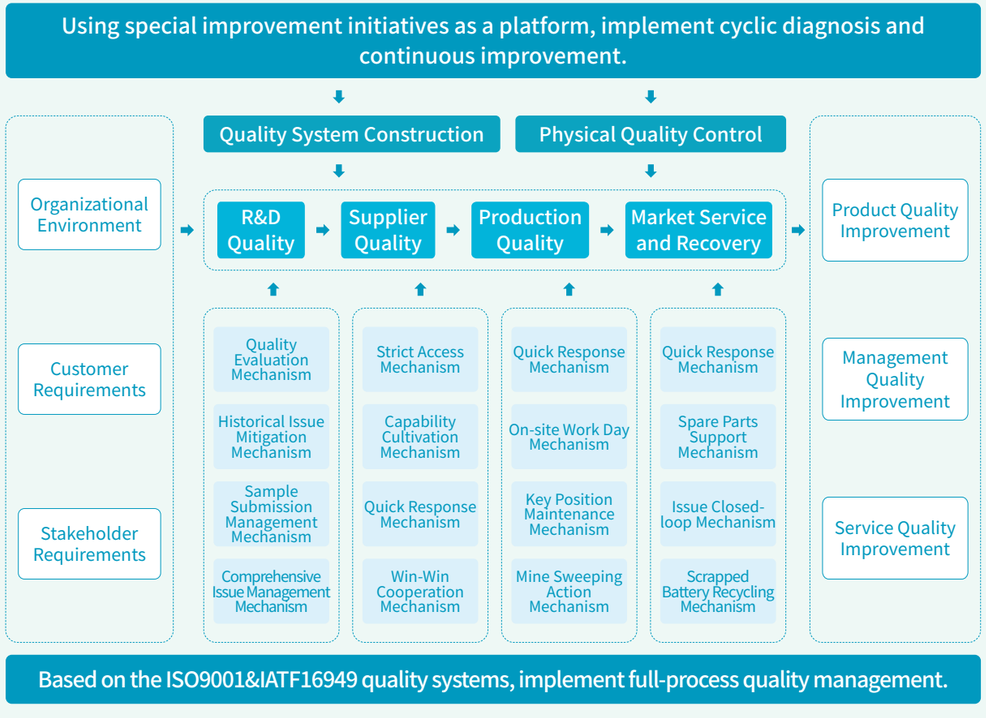
Product and Service Safety and Quality

Tianneng Co., Ltd. is committed to providing high-quality products and services, upholds the principle of quality first, and actively builds a comprehensive and sustainable quality management system. By maintaining high standards and strict requirements for every product, it systematically enhances quality management capabilities through well-defined institutional measures, standardized processes, and strengthened team building, thereby consolidating the foundation for the company's high-quality development.

Quality Management System

The company has established an organizational structure with product sales, development, and manufacturing as the main body, supported by quality, supply chain, equipment and instruments, testing, and human resource management. It has developed and improved 31 process documents and 48 management systems to ensure the operation of the company's quality management system. In 2025, the company successfully passed the ISO 9001 third-party surveillance audit and on-site surveillance audits for 3C, UL, and the China Classification Society (CCS). It obtained ISO 9001 Quality Management System and IATF 16949 Quality Management System certifications, and continuously improves its full lifecycle quality control system, adhering to the quality bottom line of not manufacturing defects, not transmitting defects, not accepting defects and not letting go of defects.

Product Full Lifecycle Quality Control System



Quality Management Structure

- The company's quality management work is comprehensively coordinated and led by the Board of Directors, which is responsible for reviewing and deciding on major matters related to the company's technological innovation.
- The company's management is responsible for leading and promoting quality management work in operations.
- The company has established a quality management team of approximately 600 people, including teams for R&D quality, incoming material quality, process quality, product certification, system management, testing, and after-sales service. This team is responsible for the specific control, supervision, and other daily work of quality management, ensuring full-process supervision of project progress and quality evaluation, and guaranteeing high-quality delivery.

Quality Management Concept and Policy: Customer-centric, quality first, leading innovation, safe and reliable, continuous improvement of product quality.

Quality Positioning: Become a defender of the corporate lifeline and a value center.

Quality Planning: Core concept of getting all elements right the first time.

Quality Management Strategy

Guided by the principles of preventing risks, holding the bottom line, improving outdated practices, and strengthening mechanisms, the company focuses on three key areas: capability building, organizational construction and cultural construction. Taking performance system management, deepening reforms, training system management, team building, cultural development, and capability enhancement as key drivers, it implements the "four ends one network" control system. This is achieved by preventing input risks, maintaining the quality bottom line, pursuing continuous management improvement, strengthening the quality system foundation, and promoting digital and intelligent transformation along with a robust quality culture. These efforts ensure the achievement of the goal to reduce the market return rate to below 5%, and striving for below 3%.

Tianneng Co., Ltd.
Quality Management
System Certificate

Quality control is firmly grounded in the system. Through systematic quality planning and standard setting, quality objectives are established based on customer needs. Standard requirements are integrated throughout the entire process—from design and production to inspection. Combined with Statistical Process Control (SPC) and Standard Operating Procedures (SOP), the company achieves process prevention and stable control. By utilizing on scientific inspection methods and quality tools for problem root cause tracing and improvement, a closed-loop continuous improvement mechanism is formed, ensuring that product performance, reliability, and other factors meet customer expectations. This quality satisfaction, in turn, fuels the enhancement of quality productivity.

Total Quality Management (TQM) fosters a quality culture with full employee participation, implements quality responsibility systems, and conducts QC circle activities. It strengthens prevention at the design source and full lifecycle process management, deeply integrating the PDCA cycle with quality risk management. From after-sales service assurance to quality cost optimization, it achieves source management. Leveraging customer feedback analysis, it establishes a dynamic response mechanism, securing customer trust through a full-process trust chain, thereby consolidating product competitive advantages.

Digital and collaborative quality depends on digital platforms to integrate data from ERP, MES, CRM, etc. It employs AI visual inspection and big data analysis to achieve intelligent quality inspection and quality prediction. Through the supply chain quality collaborative system, it implements tiered management and joint improvement for upstream suppliers, building an entire industry chain quality traceability system. Guided by strategy, it formulates quality development plans, combines innovative models like "X+1+X" to break down industry chain collaboration barriers, and ultimately shapes brand influence through continuous high-quality supply, propelling the enterprise from quality compliance to quality excellence, achieving sustainable development and market leadership.

Quality Risk Management

Tianneng Co., Ltd. always regards product quality as the lifeline of corporate development, and has built a quality risk prevention and control system covering the entire product life cycle, including raw material use, R&D design, production manufacturing, supply chain collaboration and after-sales service.

Proactive Risk Identification

The company deeply uses various risk identification tools such as PEST and SWOT to identify potential technical risks, ensuring product design leads in safety and reliability.

Rigorous Process Control

The company implements rigorous process standardization management. Through monitoring equipment and automated quality control systems, it achieves real-time collection of production data and anomaly warning. Through closed-loop control of key processes, it minimizes manufacturing deviations.

Collaborative Supply Chain Quality

The company upholds to tiered management and regular on-site audits of suppliers, extending quality risk management to the raw material end. It rigorously screens suppliers to ensure raw materials are environmentally friendly and Harmless, ensuring quality consistency throughout the supply chain.

Digital Tracking and Feedback

Relying on digital intelligence platforms, the company has established a product digital traceability system. By collecting after-sales feedback and field operation data, it establishes a rapid risk response mechanism and feeds information back to R&D and process improvement, forming a virtuous cycle of continuous quality improvement.

Through standardized management processes and advanced inspection technologies, the company minimizes quality uncertainty, providing customers with safe, efficient, and environmentally friendly power battery and energy storage system solutions.

Quality Risk Control Mechanisms

Quality Requirements

Raise requirements for product raw materials, ensuring their purity and performance comply with high-quality standards, safeguarding battery quality from the source.

Structural Optimization

Continuously optimize product structure, rationally design plate active material, plate spacing, separator porosity, etc., reduce load per unit area, boost product consistency, effectively increase product cycle life and charge-discharge efficiency. For example, using new grid alloy materials to enhance plate corrosion resistance.

Process Management

Employ process management methods to effectively control all aspects of products or services. Roll out continuous improvement mechanisms such as 6σ and lean production, regularly conduct quality analysis and optimization. By establishing processes and specifications, ensure each step operates according to requirements. Implement supplier front-end management, introduce SPC process control, ensure product basic performance and life through material stability and reliability. Adopt advanced production processes, equipment group control, and cloud charging and other intelligent manufacturing upgrades to monitor and adjust key parameters in the production process, such as temperature, humidity, current density, in real-time, sustaining product consistency and stability.

Quality Training

Strengthen quality training for employees, elevating their quality awareness and skill levels. Training content includes new technical standards, TQM methods, application of Six Sigma statistical tools, etc. Through training, create a positive atmosphere where all employees participate in and value quality. Provide detailed product manuals and training services to suppliers and end-users, guiding them on the correct use and maintenance of batteries to avoid performance degradation or damage caused by improper use.

Quality Audits

Follow strict quality inspection processes, conducting multiple inspections on semi-finished and finished products. Conduct regular internal and external quality audits to evaluate the effectiveness and compliance of the quality management system. Through audit results, timely identify and rectify existing problems.

Improvement Model

Promote the concept of continuous improvement, using corrective improvement, preventive improvement, and innovative improvement as starting points to drive self-driven improvement and enhancement across various business units, subsidiaries, and bases. Establish improvement project teams, analyze quality data and customer feedback to identify root causes of problems, and take corresponding improvement measures.

Reward and Punishment Mechanism

Establish quality awards and punishment mechanisms. Provide bonus incentives to teams and individuals with excellent quality performance. Strictly impose severe penalties on those responsible for major quality accidents, including warnings, demotions, suspension of pay, etc.

QMS System

Establish a comprehensive product quality monitoring and quality information collection platform. Collect quality control point data through data acquisition equipment, incorporate it into an online platform, and perform statistical analysis through the system's computing capabilities. This achieves transparency and visibility of the production process, prevents batch quality risks, and provides traceability for return analysis.

Quality Management Objectives and Indicators

Quality Management Objectives

Lead-Acid Line Quality Management Objectives

Build a full lifecycle quality control system covering design, suppliers, processes, and market. Obtain system certifications such as ISO 9001, and adhere to the "Four No's" quality bottom line. Specifics include: strengthening market research and design requirement reviews; improving OEM supplier access reviews; enhancing production process control and after-sales quality tracking; refining technical standards and testing systems, implementing the "spot check" system; and relying on inventory and sluggish product management mechanisms to reduce quality risks, ultimately achieving long-term improvement from "quality satisfaction" to "quality leadership."

Lithium Battery Line Quality Management Objectives

Establish a full-process quality management system covering R&D, incoming materials, processes, certification, and after-sales. Pass certification audits such as ISO 9001. Specifics include: standardizing supplier development and validation procedures; strengthening incoming material quality inspection and sample retention management; relying on market feedback and competitive product analysis to establish special improvement teams, enhancing product market quality levels; and guaranteeing no product recalls throughout the year, bolstering the lithium-ion battery business to become the company's second growth curve.

Progress of Quality Management Objectives

Lead-Acid Line Quality Improvement Measures

- **Full-Process System Control:** Build a full lifecycle quality control system covering "design quality, supplier quality, process quality, market quality." Adhere to the quality bottom line of "not manufacturing defects, not transmitting defects, not accepting defects, not overlooking defects." Internal quality losses decreased by 50%, and market return rates stayed stable with a downward trend.
- **Supplier and OEM Management:** Strictly implement supplier access reviews, signing "Quality Agreements." Implement production process control, product testing and evaluation, and inbound/outbound inspection for OEM products. Establish "OEM Product Inventory Reports" and sluggish product handling mechanisms. The incoming raw material qualification rate rose to over 98.5%.
- **Strengthening Technical Standards and Testing:** The Research Institute formulates product processes, quality standards, and acceptance criteria. Improve the "Technical Standards for After-Sales Service of Lead-Acid Batteries for Electric Vehicles," refining the inspection and judgment process for faulty batteries (such as appearance contamination, over-discharge, short-circuit 0V batteries, etc.). Battery cycle performance exceeds 450 cycles.
- **Inspection and Rectification Follow-Up:** Carry out compliance inspections targeting internal control deficiencies at bases (such as non-standard inspection request forms, disorganized BOM management, unclear material handovers), formulate rectification measures, and assign responsible persons to ensure processes are fully implemented.

Lithium Battery Line Quality Improvement Measures

- Unify the company's technical standard management system. Conduct research and validation for the improvement of various raw material technical standards, centrally update and iterate multiple technical standards; perform normative evaluations on the company's testing centers and issue rectification reports.
- Establish a "spot check" system for product quality, requiring rectification for multiple batches of substandard products to solidify the R&D quality defense line.
- Through statistical analysis of market feedback, competitive product testing analysis, and identification of process issues, establish special improvement teams to analyze root causes of problems, formulate improvement countermeasures, and enhance product quality levels in the market.
- Four laboratories have obtained CNAS (China National Accreditation Service for Conformity Assessment) certification, ensuring quality. Cell and PACK series products have passed and are certified according to GB, UL, IEC, BIS, CCS, TLC Communication Safety Certification, UN transport certification, and RoHS, REACH hazardous substance testing certifications.
- Establish MES, PDM, and LIMS systems capable of systematically recording, storing, and retrieving product development, verification testing, and process data, ensuring product quality.

During the reporting period, Tianneng Co., Ltd. had no cases of product quality recalls.

CNAS Laboratory

CNAS Certificate Image

● Hazardous Substance Management ●

The company rigorously adheres to relevant domestic and international regulations (such as RoHS, REACH) and industry standards, guaranteeing products meet environmental and safety requirements across their entire lifecycle. To standardize the company's Hazardous Substance Free (HSF) management process, the company has formulated policies including the "Management Regulations for Toxic and Hazardous Substances" and "Management Regulations for Hazardous Substance Identification and Evaluation," clarifying the list of prohibited substances and limit requirements.

Hazardous Substance Free Policy:
Comply with laws and regulations, fulfill customer requirements; Establish environmentally friendly processes, produce green products; Reduce hazardous substances, protect our planet.

Hazardous Substance Free Goals:
100% incoming material HSF qualification rate, 100% finished product shipment HSF qualification rate

Company Hazardous Substance Control Classification

Category A Controlled Substances	Restricted use of six environmental hazardous substances: Lead, Cadmium, Mercury, Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and four Phthalates (DEHP, DBP, BBP, DIBP).
Category B Controlled Substances	Substances considered harmful to human health and the environment, requiring compliance with control requirements specified in the controlled substances list.

Hazardous Substance Management Actions

Supplier Management	Implement a green procurement policy, requiring suppliers to provide Material Safety Data Sheets (MSDS) and third-party hazardous substance test reports according to the "Supplier Hazardous Substance Management Regulations," ensuring materials consistently meet HSF requirements.
Product Testing	Conduct hazardous substance testing on raw materials, semi-finished products, and finished products to ensure sample compliance with HS requirements.
Production Process Control	Effectively identify and segregate all chemical substances used in the production process, systematically evaluate procedures according to hazardous substance pollution source identification processes, and reduce the risk of hazardous substance use through process optimization and material substitution.
Non-conformance Handling	When an environmental management substance abnormality occurs, immediately quarantine non-conforming products and label them as HS non-conforming to prevent mixing. If non-conforming or suspect products exceeding hazardous substance limits flow to the customer side, proactively notify the customer and handle according to the "Non-conforming Product Control Process."
Hazardous Substance Training	Conduct at least one hazardous substance-related training annually to enhance employees' ability to identify and control hazardous substances, enabling them to stay updated on regulations and standard changes, fulfill the commitment to sustainable development, and provide customers with safe and environmentally friendly products.

● Customer Service ●

The company consistently views customer rights protection and full-cycle service as critical cornerstones of corporate sustainable development. It continuously upholds high-quality customer service, values customer experience as the core measure of service quality. We have established a two-tier after-sales service system consisting of a "company unified window+business unit implementation," assembled an experienced customer service team, continuously optimized and improved the service system, promptly responded to customer inquiries and feedback through multiple channels, quickly resolved issues, ensured efficient, professional, and closed-loop responses to customer demands, and steadily enhanced customer satisfaction.

Service Purpose:
Sincere Service, Pursuing Excellence

Service Policy:
Satisfy Customers, Gain Customer Recognition

Core Strategy:
Enhance Brand Value, Create User Touchpoints, Build a Value Co-creation Omni-channel Service Ecosystem

Service Concept:
Customer-centric, Rapid Response; Handle Problems Thoroughly, Pay Attention to Details; Improve Service Speed, Finish Tasks Daily; Standardize Service Norms, Unify Service Processes

Five Centers:
Customer Information Reception and Service Center, Customer Platform Construction and Management Center, Information Data-Driven and Closed-Loop Center, Customer Service Value and Value-Added Center, Service Standardization and Collaboration Center

● Customer Service System ●

400 Customer Complaint Platform

As the unified external service window of the company, this platform covers the entire service chain including pre-sales, sales and after-sales services. The platform formulates and implements the "Management Measures for Customer Complaints of Tianneng Battery Group Co., Ltd.", and realizes automatic distribution, process tracking and result review of customer complaint orders through a standardized, process-based and clearly delegated complaint management mechanism. A cross-departmental coordination mechanism is established to initiate escalation reporting and joint handling processes for complex complaints. Complaint handling timeliness, resolution rate and customer satisfaction are included in the performance appraisal of relevant departments to strengthen responsibility implementation.

After-sales Execution Organization of Business Division

Each business division, as the first responsible unit for complaint handling, is responsible for immediate response and on-site handling of complaints. They formulate and implement service policies, support plans and operation specifications in its field; send feedback on handling results and file cases to form closed-loop management.

Continuously optimize products and services driven by after-sales data and customer feedback

Regularly analyze complaint data to identify common problems and improvement opportunities, and feed back to R&D, production and quality departments; conduct professional training and service capability certification for after-sales personnel to improve the professionalism and response efficiency of front-line service teams; explore the application of digital service tools to gradually realize innovative service models such as traceable service processes, customer self-service queries and intelligent diagnosis.

Customer Information Confidentiality

Throughout the service process, we strictly follow the customer information confidentiality system, and all service records and customer data are managed in accordance with the group's information security specifications to ensure customer privacy is protected.

Customer Service Model

Correct product usage through product manuals

The company increases product trials and simulations in various extreme scenarios, regularly refines manuals, and helps customers use products correctly through electronic information push of manuals, WeChat video explanations, and offline training.

Meeting customer needs through customized services

Centered on customer needs, the company provides battery products tailored to their different vehicle models. Based on customers' unique needs at different stages, it offers in-depth product customization services through models like joint R&D and customized development.

Promoting value co-creation through resource sharing

The company's cooperation with customers has evolved from a product supply-demand relationship to a value co-creation relationship. Through initiatives including joint high-speed rail co-branding, joint market promotion, and joint brand communication, it deeply nurtures customer relationships, forming a community of shared destiny characterized by resource sharing and value co-creation.

Solving special problems through on-site service

The company's after-sales technical engineers provide on-site services, promptly optimizing systems and adjusting maintenance strategies according to customers' special working conditions, spare no effort in solving system and component failures, and safeguarding the safe and stable operation of products.

Customer Feedback Response Rate

100 %

Number of Customer Complaints

4,023

Times

Total Number of Customer Services

96,772

Times

Customer Satisfaction

98.9 %

(this is only the installation satisfaction rate)

On-Site Field Visit and Research

- Arranged visit plans are implemented according to actual market conditions to conduct on-site investigation of customer satisfaction, and finally submit visit reports

Irregular Special Telephone Follow-ups

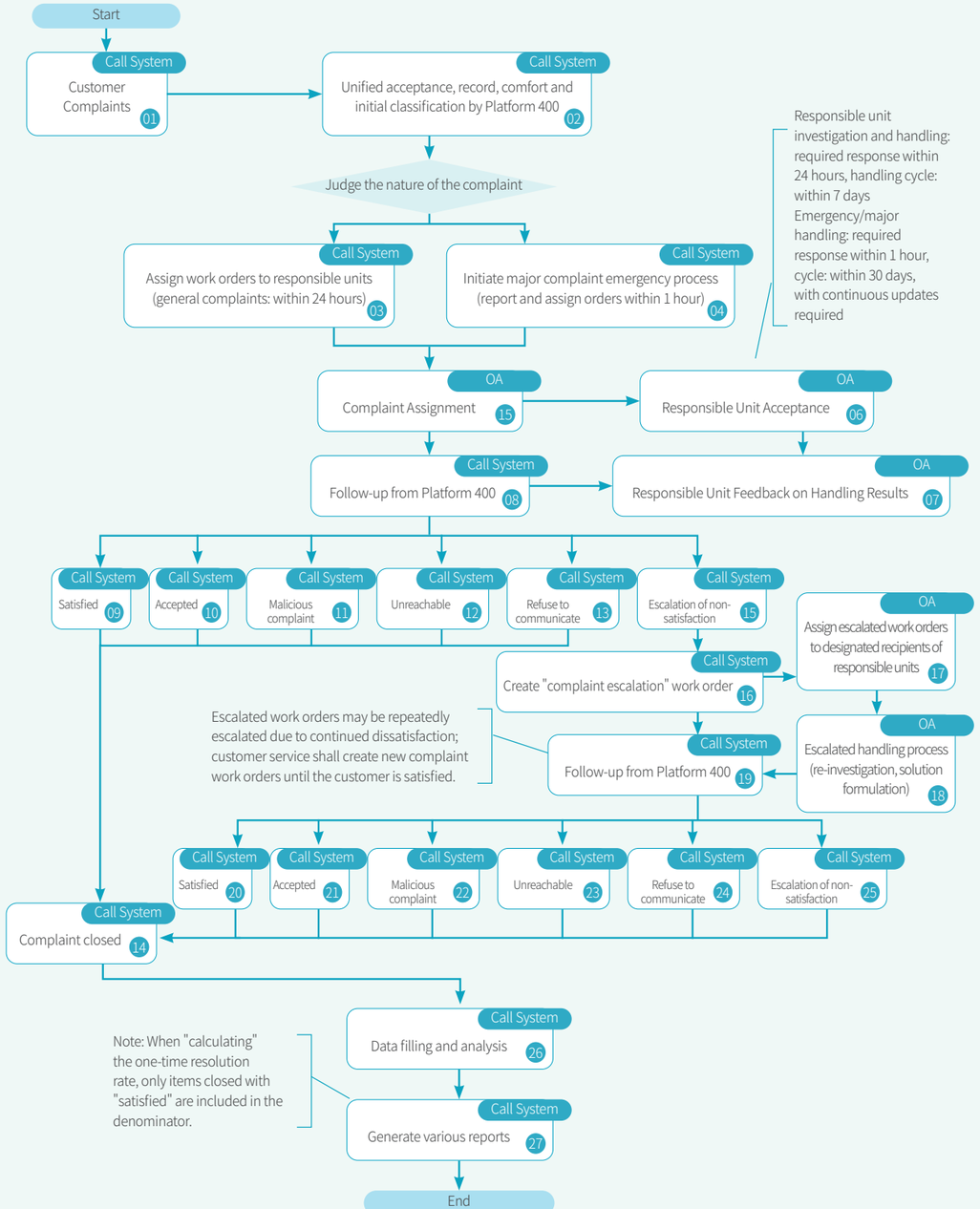
- Each time, different scripts or questionnaires are set according to the actual situation, focusing on the group's win-win partners to conduct telephone follow-up and maintain customer interaction.

Customer Satisfaction Survey After Call Hang-up

- A satisfaction follow-up is triggered in real time after each call service. The overall hang-up satisfaction rate for 2025 was 98.9%.

Customer Satisfaction

Customer Complaint Handling Flowchart



Data Security and Customer Privacy Protection

Tianneng Co., Ltd. has always regarded data security and customer privacy protection as important corporate issues, continuously promoting the construction of information security and data security. In 2025, the company updated the "Tianneng Battery Group Co., Ltd. Information Security Management System," simultaneously updated 19 management systems including the "Security Incident Management System" and "Computer Virus Prevention Management System," issued 10 configuration standards for the "Tianneng Battery Group Co., Ltd. Information System Security Management Baseline," and completed the new version recertification for the ISO 27001 Information Security Management System.

Furthermore, the company instituted an information security internal audit system. Members of the information security team supervise the daily implementation of information security management activities, continuously facilitating decision-making and coordination on major network and information security matters, clarify information security management and database management positions, adjust the organizational structure, adjust and align information security-related work for the company and its branches, and promptly report and handle discovered issues to team members. Simultaneously, the company executed confidentiality agreements with relevant technical personnel to ensure comprehensive and effective protection of company data and customer information.

During the reporting period, no data security or customer privacy leakage incidents occurred.

In 2025, the company promoted the "Host Security Protection Project,""Unified Security Project," and "Database Security Management Project," continuously strengthening technical protection, including firewall monitoring, situational awareness, database auditing, and log auditing. It completed the upgrade of the old version of document encryption software, improved the permission application process, and integrated multiple modules and related functions such as intelligent encryption with DingTalk and business systems, mobile terminals, and terminal data leakage prevention, enhancing the company's information security protection capabilities. It achieved good results in the "2025 Zhejiang Provincial Network Protection Exercise" in the second half of the year.

ISO 27001 Information Security Management System Certificate

Case

Tianneng Information System Security Management Baseline

The company performs professional security vulnerability scans for network assets exposed to the internet and rolls out corresponding prevention and improvement measures based on the scan results. For operating systems and commonly used tool software configurations, it issued the "Tianneng Information System Security Management Baseline" configuration standard. For server hosts of various business systems, it launched the "Host Security Protection Project," including installing antivirus software and applying system patches on the hosts of the company's main systems.

Tianneng Information System Security Management Baseline V1.0					
1. The standard content regarding applications, operating systems, databases, and network equipment in this standard is a general standard applicable to all systems. 2. SAAS service standards apply to independent services provided by third parties, where the system responsibility lies with the third party. 3. Public cloud systems shall first comply with the general standards, and strengthen security protection for parts not covered by the general standards by referring to the public cloud security supplementary standards.					
Standard Category	Standard Module	Standard Content	Standard Implementation Requirements		Remarks
			Intranet System	Extranet System	

Tianneng Information System Security Management Baseline

Case

Tianneng Co., Ltd.'s Cybersecurity Achievements Recognized by Huzhou City Cyberspace Administration/Public Security Department

The strong performance achieved by Tianneng Co., Ltd. in the 2025 Network Protection Exercise were acknowledged by the Huzhou City Cyberspace Administration/Public Security Department. Discussions were held simultaneously on the Silver Fox virus incident cases and prevention suggestions, analyzing the current landscape and future new changes in network asset vulnerability scanning. Suggestions were made to increase measures such as AI model analysis, pre-launch testing against classified protection requirements, and deploying situational awareness systems to ensure system and data stability and security.

Symposium between Tianneng Co., Ltd. and Huzhou City Cyberspace Administration/ Public Security Department

Case

Data Security Training

Tianneng Co., Ltd. regularly conducts information security training and emergency drills for new and existing employees in relevant departments to enhance their professional awareness and skills in information security. According to the unified arrangements of the Human Resources department, two information security training sessions for new employees were completed. Following the annual plan and project requirements, two company-wide information security training sessions for all employees, two special case lectures on preventing Silver Fox virus/ransomware incidents, and one phishing prevention drill were completed. Addressing potential vulnerabilities in business systems, a "Network Security Service Project" was launched to scan for various system vulnerabilities and complete remediation work.

Special Training on Security Development Standards

Information Security Awareness Training

Fair Treatment of Small and Medium-sized Enterprises

Tianneng Co., Ltd. rigorously adheres to laws and regulations such as the Law of the *People's Republic of China on the Promotion of Small* and *Medium-sized Enterprises and the Regulations on Ensuring Payments to Small and Medium-sized Enterprises*, respecting and treating SME partners on an equal footing. The company comprehensively protects the legitimate rights and interests of SMEs by refining contract terms, conducting compliance reviews, and establishing two-way communication mechanisms. During the reporting period, there was no information regarding overdue payments to SMEs.

Implementing Social Welfare Initiatives

Adhering to the philosophy of "sharing and fraternity," Tianneng Co., Ltd. upholds its social responsibility commitment, focusing deeply on the developmental needs of rural economies, ecologies, and cultures. Leveraging its industrial advantages and innovative practices, it actively engages in rural revitalization initiatives, strives to build models of village-enterprise co-construction, and extensively carries out diverse public welfare and volunteer activities. Using rural revitalization and social contribution as leverage, it practices corporate social responsibility through concrete actions, interpreting its original aspiration of repaying society with gratitude, and promoting the synchronized sustainable development of the enterprise and society.

Rural Revitalization

Mindful of the philosophy of "rooted in the people, giving back to society," Tianneng Co., Ltd. actively responds to national policies and diligently fulfills its social responsibilities. With village-enterprise co-construction as its cornerstone, it deeply explores endogenous momentum in rural areas, leverages its leading enterprise advantages to drive the building of rural industrial ecosystems and model innovation, and advances coordinated regional economic development of the rural economy, society, and ecology. The company adheres to a multi-pronged approach, relying on industrial layout, playing its role as a "chain leader" to promote the coordinated development of regional economies, broaden employment channels, help narrow the gap between urban and rural areas and regions, and comprehensively solidifies the foundation for rural development.

Case

Model Innovation, Broadening Income Channels

Tianneng Co., Ltd. continuously explores and innovates village-enterprise co-construction models, opening new avenues for increasing the income of Xinchuan villagers. It introduces modern equity fund models into rural revitalization, encouraging villagers to invest capital, land, and technology in "village-strengthening companies," enabling villagers to become shareholders and share in the dividends of rural development. Through a combined online and offline sales model, it broadens the sales channels for agricultural products, increases their added value, and raises farmers' incomes. Furthermore, Tianneng Co., Ltd. utilizes its brand influence and market channels to promote and advertise industries such as rural tourism and homestays, driving the development of rural service industries and further broadening income channels for villagers. As of December 31, 2025, it has provided employment for over 6,000 villagers from Xinchuan and surrounding areas.

On July 1, 2025, Party Building Alliance Conference to Assist in Beautiful Rural Construction was held in Xinchuan Village, Meishan Town.

Case

"Village-Enterprise Co-construction, Xinchuan Model"

Tianneng Co., Ltd. promotes the "Xinchuan Model" in partnership with Xinchuan Village and jointly initiates an "Inter-provincial Alliance" action. It establishes one-to-one assistance with 32 ethnic villages across the country, including Taipan Village in Taijiang County, Guizhou Province, and Xiaogang Village in Fengyang County, Anhui Province, extending the new energy industry chain to the central and western regions and driving high-quality employment in ethnic minority areas. The "village-enterprise co-construction" model is replicated in Henan, Jiangsu, and other places, sharing the experience of Zhejiang's "Ten Million Project" and forming a common prosperity network characterized by "demonstration in the East, national linkage."

Forum on the "Xinchuan Model" of Chinese-style Rural Modernization and the Construction of "Enterprise Units" for Common Prosperity

In June 2025, we visited Taipan Township Central Primary School to conduct a donation event for International Children's Day, fulfilling our corporate social responsibility through concrete actions and supporting the development of rural education.

In September 2025, the inaugural National Science Popularization Month main event for Changxing County was held in Xinchuan Village, which, together with the Tianneng Culture Exhibition Hall and the Rural Revitalization Case Exhibition Hall, formed three core exhibition venues.

Social Contribution

Tianneng Co., Ltd. consistently adheres to the spirit of "dedication, fraternity, mutual assistance, and progress," taking repaying society as its responsibility. It continuously carries out volunteer service activities, persistently organizes employee participation in social welfare initiatives, spreads love, and promotes social progress.

Case

"Tianneng Red" Sun Protection Awareness Public Welfare Activity

On the Major Heat day of 2025, Tianneng Co., Ltd. conducted a sun protection awareness public welfare activity."Tianneng Red" illuminated countless corners, transforming into moving sun protection barriers, becoming a wise choice to cope with the intense summer heat.

"Tianneng Red" Sun Protection Awareness Public Welfare Activity

High-quality, high-standard corporate governance is the cornerstone for achieving long-term sustainable development. Tianneng Co., Ltd. rigorously adheres to relevant laws, regulations, and regulatory requirements for listed companies. It organically integrates Party leadership into all aspects of corporate governance, fully leverages the guiding role of Party building, adheres to business ethics, and takes integrity and compliant operation as its fundamental principle. The company continuously builds and optimizes a transparent, efficient, and compliant governance structure by improving governance policies and strengthening the compliance system: on one hand, it enhances the Board's strategic leadership and supervisory functions, improves the internal control system and risk management system, forming a comprehensive closed-loop risk control mechanism; on the other hand, it perfects the information disclosure mechanism, effectively safeguarding the rights and interests of all investors and ensuring the company's governance is compliant and effective. Concurrently, the company deeply integrates ESG governance concepts into its long-term strategy and daily operations, providing a solid guarantee and injecting lasting momentum for serving national strategies and promoting high-quality development.

Sustainable Development Goals (SDGs) issued by the United Nations addressed in this chapter

03

Governance Chapter

Strengthening Foundations, Creating a Modern Governance Model

Strengthening Governance Foundation

Upholding Party Leadership

Since its inception, Tianneng Co., Ltd. has always upheld the ideological consciousness of "being grateful to the Party, following the Party's guidance, and aligning with the Party, "adhering to the Party building tenet of "Strong Party building, Strong development, Strong service." It has established the work concept of "grasping Party building with the same rigor conducting R&D," deeply rooting Party building in all aspects of corporate governance, and constructing a diversified "Red Alliance" system. It transforms the Party organization's political and organizational advantages into the enterprise's development advantages, innovation advantages, and competitive advantages, infusing red momentum into the company's high-quality development. Multiple Party building initiatives have earned recognition at or above the provincial level.

"Party Building Forum for High-Quality Development of Yangtze River Delta Private Enterprises: Integrating Party and Business for Mutual Empowerment and Collaborative Innovation"

Joint Demonstration Training Program for Party Branch Secretaries of Private Enterprises from Zhejiang Province and Shandong Province

Theoretical Study, Strengthening Foundational Principles

Systematic Learning Focusing on Strategic Priorities

Adopt a systematic learning model with clear checklists, establish a "Party building plus business" weekly learning mechanism, link learning effectiveness with performance, and rely on the "Energy Classroom" to publish over ten issues of content, promoting the deep integration of theoretical study to ensure Party members and cadres firmly grasp the intersection of corporate development strategy and Party building work.

Promotional Learning Focusing on Typical Cases

Deeply refine the concept that Effective Party Building is Competitiveness, which was published in "China Social Work News". Through the study of typical cases, strengthen Party members' and cadres' understanding of how Party building empowers business operations.

Leading Learning Focusing on Senior Leadership Demonstration

Coordinate arrangements for Chairman Zhang Tianren, as the sole enterprise representative from the province, to deliver speeches at the Provincial Forum on the Reform of the Industrial Workforce Development, the Provincial Enterprise-Village Cooperation Matchmaking Meeting and the Provincial Exchange Meeting on Industrial Chain Party Building Experience. Simultaneously, as a representative at the national and provincial levels, he participates in national-level activities such as the National Forum on Party Building in Emerging Fields, setting a learning benchmark for Party members and cadres.

Building Systems for Enhanced Governance

Strengthen Party Affairs System Standardization

Issue the "Branch Standardization Work Manual", covering core contents such as the "Three Meetings and One Lesson" system and Party member development. Upgrade the Party member management platform, restructure the three-level organizational structure, and achieve institutionalized and closed-loop Party building work. Formulate the "Management Measures for Members of the Party, Trade Union, Youth League, and Women's Organizations," innovatively set up part-time positions for university students in employee organizations, and implement incentive mechanisms in conjunction with the HR department.

Deepen the Party Building Alliance System

Construct a "Five Alliances" working method, encompassing "Organizational Alliance" with Party organizations in multiple industries,"Industrial Alliance" extending upstream and downstream of the industrial chain,"University-Enterprise Alliance" in cooperation with higher education institutions,"Project Alliance" centered around projects, and "Village-Enterprise Alliance" cultivated for two decades, forming a comprehensive institutional system for Party building alliances.

Strengthening the Foundation through Grassroots Party Building

Improve the Organizational System

Innovatively establish a "Reserve Pool" for Party member development and a "three-level control" system involving preliminary review by branch secretaries and joint review by the company's HR and Audit departments. Develop 12 new Party members throughout the year. Seven probationary Party members achieved job promotions during their probationary review period, truly successfully developing core staff into party members. Through regular training and dynamic management, build a "specialist" Party affairs team and establish a monthly communication mechanism.

Innovate Grassroots Party Branch Models

When new projects are initiated, the Party Committee leads the project establishment, relevant units establish temporary Party groups, bring in Party members from key positions such as technology, production, and marketing, ensuring Party organizations are embedded from the source. The company's "New Energy Equipment Industry Chain Party Building Demonstration" project received special recognition and funding support from the Changxing County Party Committee. As a representative of Party organizations in new types of economic and social organizations, it received operational funding subsidies from the Changxing County Party Committee Organization Department.

Building a Brand and Setting Industry Benchmarks

Adhere to Honor Leadership to Set Benchmarks

Successfully assisted in applying for and being awarded national honors such as "National Advanced Collective in Industry and Information Technology" and "National Excellent Case of Ten Thousand Enterprises Revitalizing Ten Thousand Villages'." The green development Party building case was broadcast on the "Zhijiang Pioneer" video channel. Chairman Zhang Tianren was elected President of the Zhejiang Provincial Model Workers Association Council, demonstrating the company's industry influence.

Adhere to Activity Empowerment to Strengthen the Brand

Hold the Party Building Alliance Conference to Assist in Beautiful Rural Construction, sign a "Party Building Co-construction" agreement with Zhejiang Institute of Communications, creating a new model for talent development, scientific research breakthroughs, and industry-education integration. Innovatively carry out the company's first Innovation and Efficiency Competition, in collaboration with 37 units to conduct 58 skills competitions, selecting 75 advanced role models.

Adhere to Publicity Efforts to Expand Influence

Multiple articles on Party building themes were published in authoritative media such as "China Social Work News" and Zhejiang Organization Work. The company's Party building and business practices, as well as its Party brand construction, gained national promotion. Relevant content was included in a national publication promoting Party building and business practices and was published on the website of the Central Social Work Department.

The 5th Congress of Zhejiang Provincial Model Workers Association

Signing Ceremony for Party Building Co-construction with Zhejiang Institute of Communications.

Improving Governance Structure

Tianneng Co., Ltd. strictly complies with the requirements of relevant laws and regulations such as the "Company Law of the People's Republic of China", "Securities Law of the People's Republic of China", "Administrative Measures for Information Disclosure of Listed Companies", and the "Listing Rules of the Shanghai Stock Exchange STAR Market". It continuously improves its corporate governance structure, fully implements the powers of the Board of Directors according to law, and establishes a corporate governance mechanism with standardized operation and clearly defined rights and responsibilities, ensuring the fairness and scientific nature of corporate governance decisions. In 2025, with a focus on governance structure innovation and institutional system enhancement, Tianneng Co., Ltd. advanced the modernization and standardization of its corporate governance, laying a solid institutional foundation for long-term stable development. During the reporting period, in accordance with the latest laws and regulations and actual operational needs, the company made significant adjustments to its governance structure: it abolished the Board of Supervisors and transferred its statutory supervisory functions to the Audit Committee under the Board of Directors. To adapt to the changes in the governance structure, the company simultaneously formulated and revised 28 internal governance systems, covering key areas such as Shareholders' Meeting Rules of Procedure, Board of Directors Rules of Procedure, Related Party Transaction Decision-Making, Raised Funds Management, Internal Audit, and Information Disclosure. Through systematic institutional construction, the company further optimized its internal governance mechanism, strengthened the prevention of risks related to fund occupation by controlling shareholders and related parties, standardized the performance of duties by directors and senior management, and ensured that all business activities have rules and regulations to follow.

Corporate Governance Structure

Tianneng Co., Ltd. follows relevant regulatory guidelines and the "Company Charter" to establish a "two meetings, one layer" governance structure of "Shareholders' Meeting – Board of Directors – Management." Specialized committees including the Strategy and Sustainable Development Committee, Remuneration and Appraisal Committee, Audit Committee, and Nomination Committee are established under the Board of Directors. Various functional departments and business subsidiaries report to the management, clarifying operational norms at each level.

The company has accordingly formulated core systems such as the "Working Rules of the Board Strategy and Sustainable Development Committee,""Investor Relations Management System," and "Information Disclosure Management System." These respectively standardize the composition, responsibilities and authorities, and rules of procedure of the Board's specialized committees; the organization, implementation, communication methods, and complaint handling procedures for investor relations management; and the responsible subjects, disclosure requirements, internal reporting procedures, and accountability mechanisms for information disclosure violations. This forms a corporate governance system with clear rights and responsibilities, standardized operations, and protection of investor rights, providing institutional support for the company's stable development.

Shareholders' Meeting

The Shareholders' Meeting is the company's highest authority.
The company strictly convenes and holds Shareholders' Meetings in accordance with the "Company Charter", "Shareholders' Meeting Rules of Procedure", and other regulations, ensuring all shareholders' rights to be informed, participate, and vote on major company matters, guaranteeing equal status for all shareholders and enabling them to fully exercise their rights, thus ensuring the legality and effectiveness of the Shareholders' Meeting.

Number of Shareholders' Meetings Held
4 times

Board of Directors

The company's Board of Directors strictly fulfills its duties as the operational decision-making body in accordance with the "Company Charter", "Board of Directors Rules of Procedure", and other regulations.
To standardize the company's environmental, social, and governance (hereinafter referred to as "sustainable development") work, the committee's responsibilities regarding sustainable development management have been expanded based on its original terms of reference, further strengthening the management of matters related to sustainable development.
The company has four specialized committees under the Board: the Strategy and Sustainable Development Committee, the Remuneration and Appraisal Committee, the Audit Committee, and the Nomination Committee. All members of the specialized committees are directors. Except for the Strategy and Sustainable Development Committee, which is chaired by the Chairman of the Board, the other specialized committees are all chaired by independent directors, and the proportion of independent directors in these other specialized committees reaches two-thirds, providing scientific and professional opinions and references for the Board's decision-making.

Average Tenure of Board Members
2.56 years

Number of Board Meetings Held
7 times

Board Member Attendance Rate
100 %

Board Diversity

Tianneng Co., Ltd. places high importance on the diversification of the Board of Directors, deeply integrating the concept of diversity into the process of optimizing its governance structure. It is committed to building a professionally diverse, standardized, and compliant Board team to enhance the scientific nature of decision-making and the company's competitiveness. The company's Board of Directors is composed of members with different professional skills and cultural backgrounds, possessing both deep industry experience and broad innovative perspectives, covering experts in multiple fields such as technology R&D, financial management, and legal compliance. Among them, female directors account for 22.22%, independent directors account for 33.33%, and directors aged 30-50 and over 50 form a reasonable age structure.

The company views the increasing diversification at the Board level as a key driver for achieving its strategic goals and ensuring sustainable development. When determining the composition of the Board of Directors, diversification among Board members is considered from multiple aspects, including but not limited to gender, age, cultural and educational background, race, professional experience, skills, knowledge, and tenure of service. Furthermore, when the company's Nomination Committee makes recommendations or suggestions to the Board regarding the appointment of new directors, it adheres to the principle of appointing people on their merits. When evaluating candidates, it fully considers the benefits of Board member diversification to ensure the efficiency and comprehensiveness of the overall operation of the Board.

To strengthen the multi-dimensional synergy effect and assist the Board in fulfilling its responsibilities, each committee under the Board of Directors of Tianneng Co., Ltd. has clearly defined powers and responsibilities, ensuring the effective implementation of management and operational work at all levels of the company and ensuring the establishment and improvement of the corporate governance system. The company will continue to improve its director selection criteria and drive high-quality development through diversified governance.

2025 Tianneng Co., Ltd. Board of Directors Personnel Data Table

Proportion of Independent Directors
33.33 %

Proportion of Female Directors
22.22 %

Proportion of Female Senior Executives
25 %

Number of Directors Aged 30-50
4 People

Number of Directors Aged Over 50
5 People

Board of Directors	Mainly responsible for executing shareholders' meeting resolutions, deciding on the company's operational plans and investment schemes, formulating profit distribution plans, appointing senior management personnel, and other significant matters, and leading the work of various specialized committees.	Board of Directors Meetings: 7 times
Strategy and Sustainable Development Committee	Mainly responsible for researching and making recommendations on the company's long-term development strategy and major investment decisions.	Strategy and Sustainable Development Committee Meetings: 3 times
Nomination Committee	Mainly responsible for making recommendations on the candidates, selection criteria, and procedures for company directors and senior management personnel.	Nomination Committee Meetings: 3 times
Remuneration and Appraisal Committee	Mainly responsible for formulating appraisal standards for directors and senior management and conducting appraisals, and for formulating and reviewing the remuneration policies and plans for directors and senior management.	Remuneration and Appraisal Committee Meetings: 1 time
Audit Committee	Mainly responsible for communicating, supervising, and verifying the company's internal and external audits.	Audit Committee Meetings: 5 times

Director and Senior Executive Remuneration Appraisal

Tianneng Co., Ltd. strictly conducts comprehensive performance evaluations for its directors and senior management in accordance with internally developed performance evaluation standards and procedures. Based on the evaluation results, the company's actual operating conditions, and job responsibilities, their remuneration levels are scientifically determined and dynamically adjusted. The company systematically incorporates ESG-related indicators into the operational performance appraisal system for directors and senior management. The scope of appraisal comprehensively covers key areas such as production safety, environmental protection, and lawful and compliant operation. Performance appraisal results are directly linked to remuneration. By strengthening responsibility constraints and incentive orientation, the company steadily promotes the implementation of its strategic goals and sustainable development objectives.

Furthermore, the company strictly adheres to relevant information disclosure regulations, comprehensively and accurately disclosing remuneration-related information for directors, supervisors, and senior management in its annual report each year, ensuring the disclosed content is truthful, compliant, transparent, and verifiable.

Protection of Investors' Rights and Interests

To continuously enhance the corporate governance level, effectively protect the legitimate rights and interests of investors, and improve investor relations management, the company, guided by investor needs and in accordance with the requirements of relevant laws, regulations, and normative documents such as the "Company Law of the People's Republic of China," the "Securities Law of the People's Republic of China," and the "Governance Guidelines for Listed Companies," has formulated and strictly implemented special systems including the "Information Disclosure Management System" and the "Investor Relations Management System." These ensure timely, accurate, and complete information disclosure, conveying authentic and effective information about the company's operations and development to the capital market.

The company adheres to the principle of equal opportunities for investors and is committed to building an institutionalized, multi-dimensional investor communication and interaction mechanism. The Board of Directors Office, as the permanent institution for investor relations management, under the leadership of the Board Secretary, maintains continuous and efficient communication with a broad range of investors through various channels such as the investor hotline, Q&A on the SSE E-interaction platform, and email. It continuously pays attention to the opinions, suggestions, and related reports from investors and the media, ensuring timely feedback to the company's Board of Directors and management. This continuously improves the frequency and quality of communication, enhances investor participation, and comprehensively increases the company's information transparency.

During the reporting period, the company strictly regulated its investor relations activities, ensuring that investors' communication demands were fully responded to through multiple channels. The information disclosure work was free from false records, misleading statements, material omissions, or other improper disclosures, effectively safeguarding the fair order of the capital market and the legitimate rights and interests of investors.

Adhering Compliance and Integrity

Tianneng Co., Ltd. has always regarded compliant operation as a solid cornerstone for high-quality corporate development. In market competition and industry operations, it resolutely upholds the principle of fair competition, participating in market development with standardized business practices and high-quality products and services. It resolutely eliminates any acts of unfair competition or non-compliant operations, thereby strengthening the company's defense line of compliant operation.

To meet the needs of the corporate development strategy and high-quality growth, the company has constructed a comprehensive compliance management system covering all businesses and processes. Focusing on key areas such as audit supervision, anti-corruption, anti-monopoly, and procurement management, it has formulated a series of compliance management policies, including the "Anti-Monopoly Compliance Management System." These clarify compliance requirements and control measures for each business link. Concurrently, multiple functional supervision departments have been established, such as Audit, Supervision, Efficiency Supervision, and Market Brand Supervision, forming a compliance management model of "institutional norms plus professional supervision." This ensures that all departments and positions strictly adhere to regulations, comprehensively enhancing the company's compliant operation and management level.

The company places high importance on cultivating employee compliance awareness, deeply integrating compliance education with integrity education. It has constructed a systematic and institutionalized compliance training system, achieving full coverage of compliance and integrity education and training across all company sectors. Special on-site compliance and integrity training is conducted for new employees. Annual company-wide integrity and compliance examinations are organized regularly. Employee compliance knowledge and professional ethics are strengthened through diverse formats, including the promotion of case studies from the "Anti-Fraud Blue Book," using typical cases for discussion and education, viewing integrity promotional films, and learning from integrity micro-movies. In 2024, 98 anti-corruption compliance-related training sessions were conducted, achieving 100% coverage of key positions, management personnel, directors, and senior executives. In 2025, compliance training work was further deepened, with over 40 integrity and compliance education and training sessions held, covering 11,000 employees. Compliance and integrity examinations were organized for management cadres and administrative staff, achieving a pass rate of 98%. Through high-frequency, full-coverage training and assessment, compliance concepts are deeply ingrained, fostering a positive atmosphere among all employees for consciously adhering to compliance systems and practicing compliant behavior.

Abiding by Business Ethics

Tianneng Co., Ltd. regards adherence to business ethics as the foundation of its existence and the core cornerstone of its development. It has established a full-process management system for anti-commercial bribery, anti-corruption, and anti-unfair competition in accordance with the law, and has built a standardized and efficient reporting and complaint mechanism. Through multi-faceted efforts in system construction, supervision and implementation, and education and promotion, it jointly maintains a fair and just market business environment.

Anti-Commercial Bribery and Anti-Corruption

Tianneng Co., Ltd. continues to deepen its efforts in anti-commercial bribery, anti-corruption, and integrity management. Strictly complying with relevant national laws and regulations, it has established an anti-corruption management system covering the entire company. Special policies such as the "Procurement Integrity Management Measures,""Procurement Conduct Code," and "Employee Red Line Management System" have been formulated to strengthen anti-corruption controls in the procurement process. Management of related-party suppliers is subject to an avoidance system, clarifying the red lines for employee conduct and procurement behavior standards, thus building a solid defense line against corruption from an institutional level.

The company integrates integrity education into its company-wide training system, achieving full coverage of integrity education and training across all sectors. New employees receive on-site integrity education and training. Every March, an integrity education examination is organized (online for those with computers, offline for those without), requiring all employees to pass. Innovative educational formats are adopted: during the "Eighth Five-Year" legal publicity and education period, cases of violations of discipline were compiled into the "Anti-Fraud Blue Book," which was distributed to the heads of all company functional departments and subsidiaries for promotion and study. Micro-films based on bribery cases involving engineering and procurement personnel were written and produced in-house. Each month, typical cases are selected for internal discussion and education, analyzing case causes, extracting warnings and insights, and clarifying preventive measures.

Furthermore, the company's supervision of anti-corruption and bribery among business partners is also implemented practically. A "Letter on Integrity to All Partners" is sent to all cooperating suppliers for warning and education purposes. When signing procurement contracts with all suppliers, an anti-bribery clause must be included, or a separate "Integrity Agreement" must be signed.

At the supervision and implementation level, the company conducts quarterly inspections and patrols following the model of the Central Commission for Discipline Inspection, focusing on high-risk areas for corruption such as the supplier and procurement ends. The work is advanced through methods including interviews with management, kick-off meetings, publicizing inspection contact information, and accessing materials. Supervision is strengthened by combining digital tools, qualification reviews, and product audits. Unannounced inspections are carried out for production processes, identifying issues by backtracking anomalies to expand supervisory coverage, using insights from specific cases to drive broader improvements. Simultaneously, the company maintains a high-pressure anti-corruption stance, adhering to a "zero-tolerance" principle and implementing the requirement of "investigating each case upon discovery, publicizing each case upon investigation, and promoting reform and governance through cases." In 2025, the company investigated and dealt with 12 cases of violations of discipline, implemented negative incentives for 12 individuals, imposed administrative penalties on 12 individuals, handled 15 non-compliant suppliers, legally processed 2 criminal cases, and took criminal compulsory measures against 2 individuals. Through strong accountability, it has formed a deterrent against corruption, driving the implementation of primary responsibilities for integrity management.

During the reporting period, the company had no publicly disclosed litigation cases related to commercial bribery or corruption. Its integrity management work has provided a solid disciplinary guarantee for the construction of a "Clean Tianneng."

2025 Tianneng Co., Ltd. Integrity Training Performance Table

Number of Anti-Bribery and Anti-Corruption Training Sessions

40

Times

Number of Participants in Anti-Bribery and Anti-Corruption Training

11,000

People

Case

2025 Integrity Compliance and Anti-Fraud Warning Education Work Conference

In 2025, Tianneng Co., Ltd. held the 2025 Integrity Compliance and Anti-Fraud Warning Education Work Conference. By organizing the viewing of the self-produced integrity promotional film "Stay Indoors" and having various business units conduct exchanges and sharing on topics such as procurement anti-corruption, compliance control, and case rectification, the company promoted the transformation of warning education achievements into practical management effectiveness, strengthened the awareness of integrity, compliance, and anti-fraud among all employees, and contributed to building a "Clean Tianneng" full-process risk prevention and control system.

At the Tianneng Co., Ltd. Integrity Compliance and Anti-Fraud Warning Education Work Conference

Anti-Unfair Competition

The company systematically prevents monopolistic agreements, infringement of trade secrets, unfair competition, and other behaviors through multi-dimensional measures such as institutional constraints, process control, and internal supervision. At the same time, relying on the Market Brand Supervision Department, it carries out brand effectiveness and market management supervision, analyzes business development, market share, etc. through professional reports, identifies unfair competition risks in marketing links, and supervises violations of discipline by marketing specialists, thereby strengthening the standardization of market operation behavior from the business end. In 2025, the company had no lawsuits or major administrative penalties due to unfair competition; throughout the year, there was no negative information arising from unfair competition, and no violations such as false advertising or monopolistic operations occurred. The company maintains market competition order through transparent and standardized business practices, safeguarding the foundation for sustainable development.

Tianneng Co., Ltd., with its standardized business practices and good commercial reputation, continues to practice the concept of fair competition in market operations and has become one of the benchmark enterprises in the new energy industry for compliance management.

Reporting and Complaint System

To ensure the stable and healthy development of the enterprise and establish an orderly and harmonious supervision and communication channel, Tianneng Co., Ltd. has formulated the "Reward System for Reporting" and its supporting reporting and complaint system and whistleblower protection system. It clarifies the working principle of "every feedback must be responded to, every verified case must be held accountable," effectively protecting the legitimate rights and interests of whistleblowers and maintaining the trust of stakeholders in the company.

The Company has fully established online and offline reporting channels, along with a robust mechanism for managing whistleblowing leads. The Audit and Supervisory Committee strictly safeguards the confidentiality of whistleblowers' identities, submitted content, and supporting evidence. All received leads are processed in a standardized manner, with timely verification and investigation. Confirmed violations are handled and publicly disclosed in accordance with applicable laws and regulations.

Petitioning and Reporting Process

Clue Collection:

Collect real-name/ anonymous reporting clues through offline complaint boxes and online website channels, with a dedicated person responsible for registration and safekeeping.

Clue Verification:

Conduct special investigations on reported clues, and carry out in-depth investigations through inspections, surprise inspections and other methods when necessary.

Result Handling and Feedback:

Deal with verified violations in accordance with laws and regulations, implement accountability for responsible persons and rectification requirements, and handle cooperative partners in breach of agreement accordingly. Send feedback on handling results to reporters (for real-name reports) in accordance with regulations, and publicly announce the results internally as required.

Rectification Tracking:

Put forward internal control improvement suggestions for management loopholes identified in verification, clarify responsible persons and time limits for rectification, track the closure of rectification, and report results.

Enhancing Risk Resilience

With the core purpose of "building a system, controlling risks, and maintaining health," Tianneng Co., Ltd. has formulated special systems such as the "Comprehensive Risk Management System." It has built a full-domain risk control system covering finance, health and safety, environment, employees, business operations, reputation, legal compliance, and ESG-related risks (including climate risks). A comprehensive closed-loop management mechanism of "risk identification-assessment-response-monitoring-review" has been formed, ensuring the healthy development of the company's operational activities and promoting its sustained and stable growth.

The company has established a complete institutional framework encompassing risk assessment, risk management strategies, risk response plans, internal controls, and comprehensive risk management assessment. It clarifies the specific risk management responsibilities of each level and unit. Through regular monitoring and assessment constraints, it ensures the implementation of the system and promotes the deep integration of risk management into all business processes.

Risk Management

Risk Assessment

Identify, analyze, and evaluate risks affecting strategic and operational objectives; identify risk points through business unit self-identification, self-assessment, and incident review; assess risk levels based on probability of occurrence and degree of impact; dynamically adjust based on the effectiveness of controls periodically.

Risk Management Strategy

Clarify risk appetite and risk tolerance in conjunction with the internal and external environment and development strategy; formulate combined response strategies of "accept-avoid-transfer-reduce" for significant risks, while simultaneously clarifying effectiveness standards and resource allocation principles.

Risk Response Plan

For risk points in the risk list and risk map, formulate corresponding response measures, clarifying responsible parties and timelines; 41 data models have been developed in areas such as procurement pricing and supplier management, regularly monitored, analyzed, and applied to business scenarios.

Internal Control

Integrate key control points into business processes and information systems; build a risk control information system; establish a one-veto system for major compliance incidents; implement a six-level (SABCDE) mandatory performance appraisal to strengthen internal control execution through binding constraints; routine internal controls are implemented through regular inspections, and bottom-line risks are controlled through the one-veto system.

Risk Management Assessment

The risk management department regularly inspects and supervises system construction and implementation; the audit department evaluates the risk management effectiveness of each unit; assessment results are linked to performance.

Appendix: ESG Data Tables and Notes

Economic Performance

Indicators	Unit	2025
Operating Revenue	RMB 10,000	4,579,235.62
Net Profit Attributable to Parent Company	RMB 10,000	159,146.46
Total Assets	RMB 10,000	4,452,243.75
Total Taxes Paid	RMB 10,000	337,585.89

Environmental Performance

Indicators	Unit	2025
Direct (Scope 1) Greenhouse Gas Emissions	Ton of Carbon Dioxide Equivalent	103,019.98
Direct (Scope 2) Greenhouse Gas Emissions	Ton of Carbon Dioxide Equivalent	1,871,119.42
Total Greenhouse Gas Emissions (Scope 1 and Scope 2)	Ton of Carbon Dioxide Equivalent	1,974,139.40
Greenhouse Gas Emission Intensity	Ton of Carbon Dioxide Equivalent/RMB 10,000 Revenue	0.43
Total Greenhouse Gas Emission Reductions	Ton of Carbon Dioxide Equivalent	40,100.13
Financial Investment in Greenhouse Gas Emission Reductions	RMB 10,000	240.79
Environmental Protection Investment	RMB 10,000	4,639.76
Total Direct Energy Consumption	Ton of Standard Coal	53,790.79
Total Indirect Energy Consumption	Ton of Standard Coal	447,692.07
Total Energy Consumption	Ton of Standard Coal	501,482.86
Natural Gas Consumption	Ton of Standard Coal	53,059.03

Governance Performance

Indicators	Unit	2025
Number of Anti-Bribery and Anti-Corruption Training Sessions	Times	40
Number of Participants in Anti-Bribery and Anti-Corruption Training	People	11,000
Percentage of directors who have received anti-commercial bribery and anti-corruption training	%	100
Proportion of Key Positions and Management Covered by Anti-Bribery and Anti-Corruption Training	%	100
Percentage of employees who have received anti-commercial bribery and anti-corruption training	%	91

Social Performance

Indicators	Unit	2025
Charitable Donation Investment	RMB 10,000	46.8
Rural Revitalization Investment	RMB 10,000	10
Number of R&D Employees	People	1,923
Proportion of R&D Employees	%	10.16
R&D Investment	RMB 10,000	185,660.28
R&D Investment as a Percentage of Operating Revenue	%	4.05
Number of Invention Patent Applications	Items	334
Number of Granted Invention Patents	Items	149
Innovation Capability Certification	Nos.	1
Total Number of Valid Patents	Items	3,827
Total Number of Software Copyrights	Items	103
Customer Satisfaction	%	98.9
Total Service Volume	Times	96,772
Total Number of Employees	People	18,933
Number of Female Employees	People	6,737
Proportion of Female Employees	%	35.58
Number of Male Employees	People	12,196
Proportion of Male Employees	%	64.42
Proportion of Employees Aged 30 and Below	%	12.97
Proportion of Employees Aged 30-50	%	73.10
Proportion of Employees Aged 50 and Above	%	13.93
Percentage of Suppliers That Have Signed the Code of Conduct	%	100

Appendix: Independent Verification Report

中汇 ZHONGHUI

独立鉴证报告

中汇会鉴[2026]2538号

天能电池集团股份有限公司董事会：

我们接受委托，对天能电池集团股份有限公司（以下简称天能股份）编制的《2025年度可持续发展报告》（以下简称“可持续发展报告”）中选定的2025年度关键绩效指标执行了有限保证的鉴证业务。

一、鉴证意见

可持续发展报告中选定的2025年度关键绩效指标按照可持续发展报告附录中“年度关键绩效”章节所列示的关键绩效指标编制标准（以下简称“编制标准”）编制。基于已实施的程序及获取的证据，我们没有注意到任何事项使我们相信可持续发展报告中选定的2025年度关键绩效指标未能在所有重大方面按照编制标准编制。

二、鉴证对象信息

本次鉴证业务的鉴证对象信息包括以下可持续发展报告中选定的2025年度关键绩效指标：

营业收入	发明专利的申请数
归母净利润	发明专利的授权数
总资产	创新能力认证
纳税总额	有效专利总数
直接（范围 1）温室气体排放	软件著作权总数
间接（范围 2）温室气体排放	客户满意度
温室气体排放总量（范围 1 和范围 2）	总体服务量

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温室气体排放强度	员工总数
温室气体减排总量	女性员工数量
温室气体减排资金投入	女性员工比例
环保投入	男性员工数量
直接能源总消耗量	男性员工比例
间接能源总消耗量	30 岁及以下员工占比
能源消耗总量	30-50 岁员工占比
天然气使用量	50 岁及以上员工占比
慈善捐赠投入	签署供应商行为准则的百分比
乡村振兴投入	反商业贿赂与反贪污培训次数
研发员工人数	反商业贿赂与反贪污培训参与人数
研发员工比例	接受反商业贿赂及反贪污培训的董事百分比
研发投入	接受反商业贿赂及反贪污培训的管理层人员百分比
研发投入占营业收入比例	接受反商业贿赂及反贪污培训的员工百分比

我们的鉴证工作仅限于以上可持续发展报告中选定的2025年度关键绩效指标，不涵盖其他在可持续发展报告中披露、但未包含列示于“二、鉴证对象信息”中的信息，以及2024年及以前年度关键绩效指标以及其他信息。

三、形成鉴证意见的依据

我们按照《可持续信息鉴证业务准则第 6101 号——基本准则（试行）》执行了鉴证业务。有限保证业务中鉴证程序的性质和时间安排与合理保证业务不同，并且实施程序的范围小于合理保证业务，因此，有限保证业务提供的保证程度显著低于合理保证业务。我们不会就可持续发展报告中选定的2025年度关键绩效指标是否在所有重大方面按照编制标准编制发表合理保证的意见。

我们遵守了中国注册会计师独立性准则和中国注册会计师职业道德守则中与

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可持续信息鉴证业务有关的规定，遵守了适用于特定实体可持续信息鉴证业务的独立性要求，根据该要求我们独立于天能股份。

四、管理层和治理层对可持续信息的责任

确定适当的编制标准，并按照编制标准编制可持续发展报告中选定的2025年度关键绩效指标是天能股份管理层的责任。这种责任包括设计、执行和维护与关键绩效指标相关的内部控制，以使其不存在由于错误或舞弊而导致的重大错报。天能股份治理层负责监督天能股份的可持续发展报告编制过程。

五、编制可持续信息的固有限制

根据所使用的编制标准，上述可持续发展报告中选定的2025年度关键绩效指标在计量或评价等方面存在重大固有限制，存在由于错误或舞弊而导致错报发生和未被发现的可能性。

六、鉴证者的责任

我们的责任是根据《可持续信息鉴证业务准则第 6101 号——基本准则（试行）》的规定执行鉴证工作，在执行鉴证工作的基础上对可持续发展报告中选定的2025年度关键绩效指标是否在所有重大方面按照编制标准编制发表有限保证的鉴证结论。

七、已实施工作概述

我们按照《可持续信息鉴证业务准则第 6101 号——基本准则（试行）》的规定执行了鉴证业务。该准则要求我们计划和实施鉴证工作，以对鉴证对象信息是否不存在重大错报获取有限保证。

我们的鉴证工作包括识别可持续发展报告中选定的2025年度关键绩效指标可能存在重大错报的领域，设计和执行鉴证程序以应对这些识别出的领域，并获取相

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中汇

应的证据。我们执行的鉴证程序取决于我们的专业判断以及对鉴证业务风险的评估。

我们所执行的具体鉴证程序包括：

（1）与相关人员进行访谈，以了解与选定的关键绩效指标有关的编制流程；

（2）抽样检查相关支持性文件；

（3）对选定的关键绩效指标实施分析性程序；

（4）抽样重新计算选定的关键绩效指标。

八、本报告的使用范围

本报告仅为天能股份编制可持续发展报告之用，并不适合及不能用作其他用途。我们不会对除天能股份董事会以外的任何第三方承担任何责任。

中汇会计师事务所（特殊普通合伙）　　中国注册会计师：黄平

中国·杭州　　中国注册会计师：刘超

报告日期：2026年3月28日

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Appendix: Index Table

Shanghai Stock Exchange's "Self-Regulatory Guidelines for Listed Companies No. 14 – Sustainability Report (Trial)" Index

Dimension	Serial No.	Issues	Corresponding Clause	Corresponding Chapter
Environment	1	Addressing Climate Change	Articles 21 to 28	Serving the "Dual-Carbon" Goals
	2	Pollutant Emissions	Article 30	Promoting Clean Production
	3	Waste Management	Article 31	Promoting Clean Production
	4	Ecosystem and Biodiversity Protection	Article 32	Protecting Lucid Waters and Lush Mountains
	5	Environmental Compliance Management	Article 33	Protecting Lucid Waters and Lush Mountains
	6	Energy Utilization	Article 35	Serving the "Dual-Carbon" Goals
	7	Water Resource Utilization	Article 36	Promoting Clean Production
	8	Circular Economy	Article 37	Protect lucid waters and lush mountains
Society	9	Rural Revitalization	Article 39	Implementing Social Welfare Initiatives
	10	Social Contribution	Article 40	Implementing Social Welfare Initiatives
	11	Innovation-Driven Growth	Article 42	Innovation-Driven Development

Dimension	Serial No.	Issues	Corresponding Clause	Corresponding Chapter
Society	12	Scientific and Technological Ethics	Article 43	Not applicable, the company's core business does not involve scientific research, technology development, etc. in sensitive fields such as life sciences or artificial intelligence ethics.
	13	Supply Chain Security	Article 45	Establishing a Responsibility Chain
	14	Fair Treatment of Small and Medium-sized Enterprises	Article 46	Establishing a Responsibility Chain
	15	Product and Service Safety and Quality	Article 47	Establishing a Responsibility Chain
	16	Data Security and Customer Privacy Protection	Article 48	Establishing a Responsibility Chain
	17	Employees	Article 50	Building a Talented Team
Sustainable Development Related Governance	18	Due Diligence	Article 52	Due Diligence
	19	Stakeholder Communication	Article 53	Stakeholder Communication
	20	Anti-Commercial Bribery and Anti-Corruption	Article 55	Adhere to Compliance and Integrity
	21	Anti-Unfair Competition	Article 56	Adhere to Compliance and Integrity
Self-Disclosed Topics	/	Clean Technology Opportunities	/	Promoting Clean Production
	/	Risk Management	/	Enhancing Risk Resilience
	/	ESG Governance	/	Sustainable Development Governance
	/	Party Leadership	/	Strengthening Governance Foundation

Reader Feedback Form

Dear Readers:

Hello! Thank you for reading the "2025 Sustainability Report of Tianneng Battery Group Co., Ltd." We sincerely invite you to provide valuable comments and suggestions on this report to help us improve our work.

Please tick your choices appropriately for the following questions.

Option	Score				
1. Your overall satisfaction rating with this report	☐ Very Poor	☐ Relatively Poor	☐ Average	☐ Good	☐ Very Good
2. This report fully responds to and discloses material issues	☐ Very Poor	☐ Relatively Poor	☐ Average	☐ Good	☐ Very Good
3. The information and data disclosed in this report are clear, accurate, and complete	☐ Very Poor	☐ Relatively Poor	☐ Average	☐ Good	☐ Very Good
4. This report comprehensively and accurately reflects Tianneng Co., Ltd. significant impacts on society and the environment	☐ Very Poor	☐ Relatively Poor	☐ Average	☐ Good	☐ Very Good
5. The logical framework, language, and layout design of this report are clear, coherent, and highly readable.	☐ Very Poor	☐ Relatively Poor	☐ Average	☐ Good	☐ Very Good

Please provide brief answers to the following questions:

1. Among the contents disclosed in this report, which parts are you most concerned about or satisfied with?

_____

_____

2. Are there any concerns you have that are not yet disclosed in this report?

_____

_____

3. Do you have any other comments or suggestions regarding this report?

_____

_____

You can provide feedback on the questionnaire by mail, email, or fax, or you can call us directly to explain. We will fully consider your comments and suggestions.

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