

2025

Environmental Social and Governance Report



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About This Report

This report primarily introduces the information of Wuxi Putian Iron Core Co., Ltd. (hereinafter referred to as "PTTX," "the Company," or "we") in the areas of environmental protection, social responsibility, and corporate governance, aiming to strengthen communication and connections with various stakeholders.



Reporting Period

This report discloses information from January 1, 2025, to December 31, 2025, with some content appropriately traced back to other years.

Report Scope

The scope of this report covers Wuxi Putian Iron Core Co., Ltd. and its main subsidiary, Anqing Xinpu Electrical Equipment Co., Ltd.

Report Compilation Standards

- Global Reporting Initiative Standards
- Social Responsibility Guidelines (ISO26000: 2022)
- Chinese Guidelines for Corporate Social Responsibility Reporting) (CASS-CSR 6.0)
- Guidelines for Sustainability Reporting of Listed Companies
- Basic Guidelines for Enterprise Sustainability Disclosure (Trial)

Data Sources and Reliability Assurance

The information and data disclosed in this report are sourced from the company's statistical reports, internal documents, etc., and have been reviewed by relevant departments. The company promises that this report does not contain any false records or misleading statements and is responsible for the authenticity, accuracy, and completeness of the content.

Report Access

This report is available in both Chinese and English versions and is published electronically. It can be accessed on the company's official website at www.pttx.com.

CEO's Message



Wuxi Putian Iron Core Co., Ltd.

2025 marks the end of the 14th Five-Year Plan and a key year for advancing the "Dual Carbon" strategy. Amid energy transition and industrial upgrading, PTTX stays innovation-driven, serving national "Dual Carbon" goals and new energy system development. We drive green upgrades in power equipment, tackle key tech challenges in oriented silicon steel and transformer cores, and integrate ESG into operations. Our sustainable path rests on strong governance, innovation, green practices, and value chain symbiosis—forging a Chinese "heart" for the green future of energy equipment.

This Year: Robust Governance

We believe excellent governance is the cornerstone of steady growth. We've optimized governance, built a "three lines of defense" risk control system, embedded compliance in all processes, take zero tolerance for bribery, mandate anti-corruption training, and strengthened information security to safeguard stakeholder trust.

This Year: Technological Innovation

Driven by innovation, we achieved breakthroughs in patents, standards, and technology awards in oriented silicon steel and transformer cores. Through simulation modeling and loss tri-component separation analysis, we developed third-generation thin-gauge, ultra-stable, low-loss USL silicon steel and green high-efficiency transformer cores, driving high-quality industry development.

This Year: Green Operations

Treating climate change as a core business challenge, we turned commitments into action: systematic carbon reduction across operations, rooftop PV deployment, green certificate purchases, and zero industrial wastewater discharge through full-process control and resource recovery. These efforts earned us the highest SME rating from CDP's Climate Change Project.

This Year: Value Symbiosis

A sustainable future relies on shared value-chain prosperity. Upstream, we built a "scrap steel - steelmaking - silicon steel" green closed-loop supply chain with mill partners. Downstream, our products significantly outperform industry averages, delivering substantial energy savings for customers. This collaborative approach earned us the EcoVadis Silver Medal (top 15% of global participants) - an honor that reflects our commitment to a sustainable future with partners.

Looking Ahead: Global Green Power

By 2026, the global energy revolution accelerates. UHV grid expansion and large-scale wind/solar integration demand higher equipment performance - an era of both challenge and opportunity. As a core link in the industrial chain, we will focus on our main business, break through key technologies, deepen green manufacturing, lead low-carbon transformation, and explore energy transition paths with global partners.

The journey is long, but we will reach our destination. On the path to zero carbon, PTTX aims to be a warm "industrial magnet" - uniting positive forces, transmitting green values through innovative materials, and letting China's core surge across the world.

Thank you for your trust and partnership!

About PTTX

Company Overview

Wuxi Putian Iron Core Co., Ltd. (PTTX), founded in 2004, is a national "Little Giant" in niche sectors, a national green factory, and a high-tech enterprise. With over 20 years of dedication to the power energy sector, PTTX has continuously advanced integrated businesses across high-end electrical steel new materials, transformer iron cores, and smart factory planning. The company is committed to providing green, low-carbon products and full-process solutions for the global power energy industry chain.

Through years of development, PTTX has become a benchmark in the global high-end, low-carbon electrical steel and iron core industry. Driven by technological innovation, the company has built an industry-leading R&D system and technology platform covering material development, process optimization, and intelligent manufacturing, continuously promoting product performance upgrades and green industrial transformation. PTTX actively expands its global presence, operating in over 50 countries and regions, with multiple intelligent manufacturing bases and offices worldwide, ensuring global supply and service capabilities.

Established in 2022, Anqing Xinpu Electrical Equipment Co., Ltd. (Xinpu Electrical) is a wholly-owned subsidiary of PTTX, focusing on the R&D, production, and sales of high-end electrical steel products. Guided by lean production and high-quality development, Xinpu Electrical integrates efforts from material systems and manufacturing processes to create a modern "black light factory" featuring high intelligence, full-link digitalization, and end-to-end quality control. Leveraging advanced manufacturing capabilities and a stringent quality system, the company produces USL silicon steel (Ultra-stable Low-loss Silicon Steel) with ultra-stability and low iron loss, delivering high-performance material solutions for green, low-carbon electrical equipment such as transformers. Its products are exported to over 50 countries and regions, with production and sales volumes consistently leading the industry, continuously supporting the green and low-carbon upgrade of the global power equipment industry.

Company Culture



Brand Slogan

PT Electrical Steel,
Empowering
Intelligence in
Equipment



Core Values

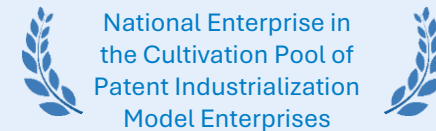
Focus,
Excellence,
Standardization



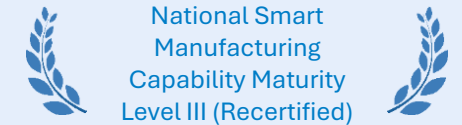
Value-oriented

Keep simplicity
in character,
but pursue
complexity in
action.

Key Honors in 2025



National Enterprise in
the Cultivation Pool of
Patent Industrialization
Model Enterprises



National Smart
Manufacturing
Capability Maturity
Level III (Recertified)



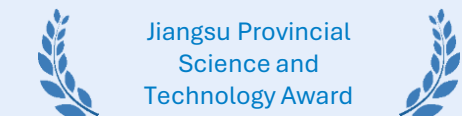
National "Little Giant"
Specialized &
Sophisticated SME
(Recertified)



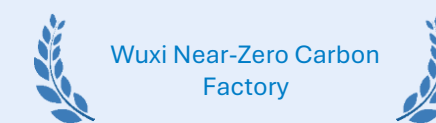
Jiangsu Province
Advanced-Level Smart
Factory



Jiangsu Province "Three
Firsts & Two New"
Certified "International
Advanced" Product



Jiangsu Provincial
Science and
Technology Award



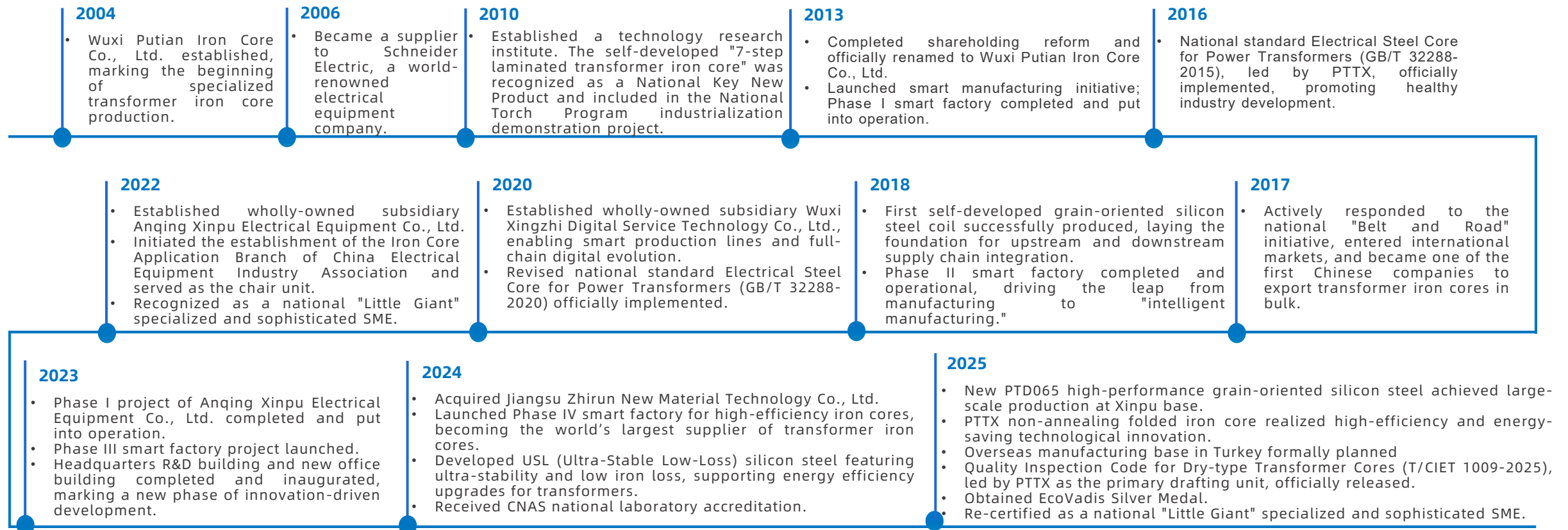
Wuxi Near-Zero Carbon
Factory



Wuxi Municipal Key
Laboratory of Electrical
Energy Steel Materials

About PTTX

Development History

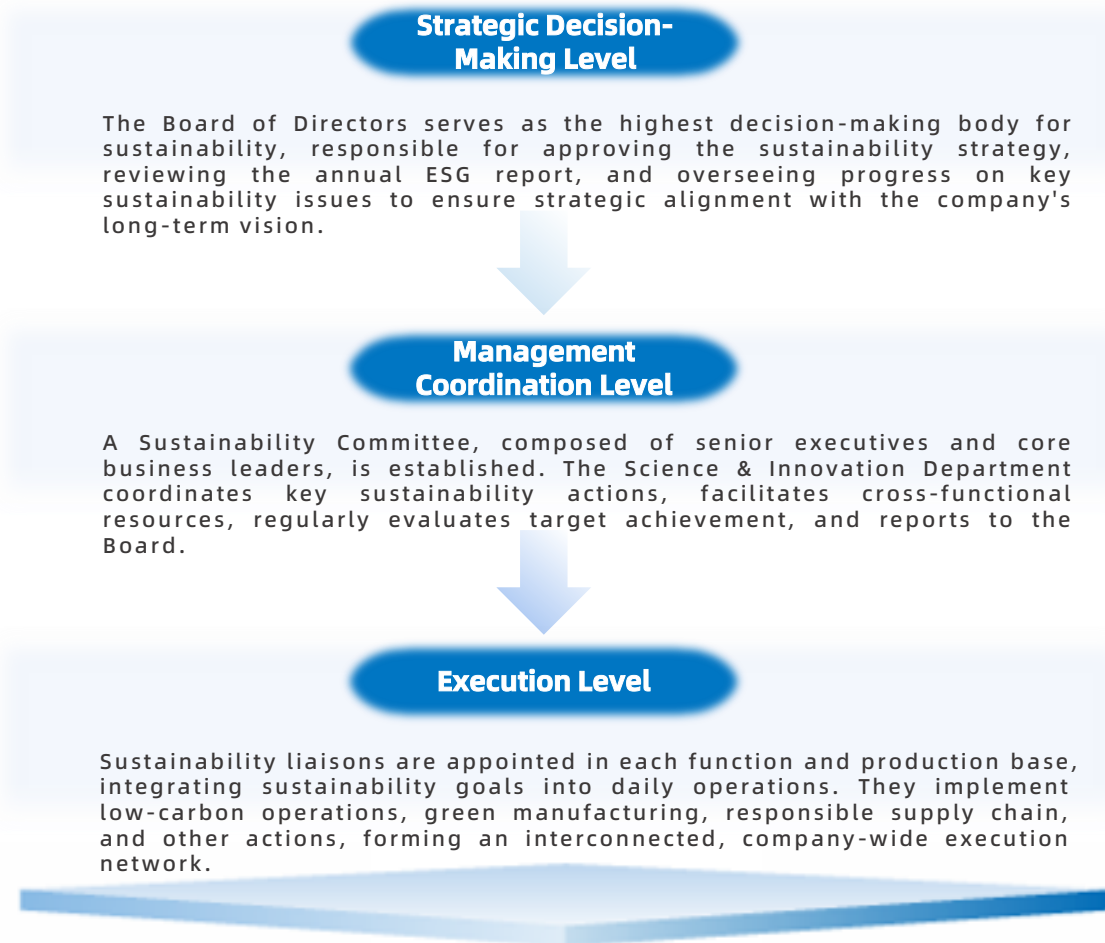


ESG Governance

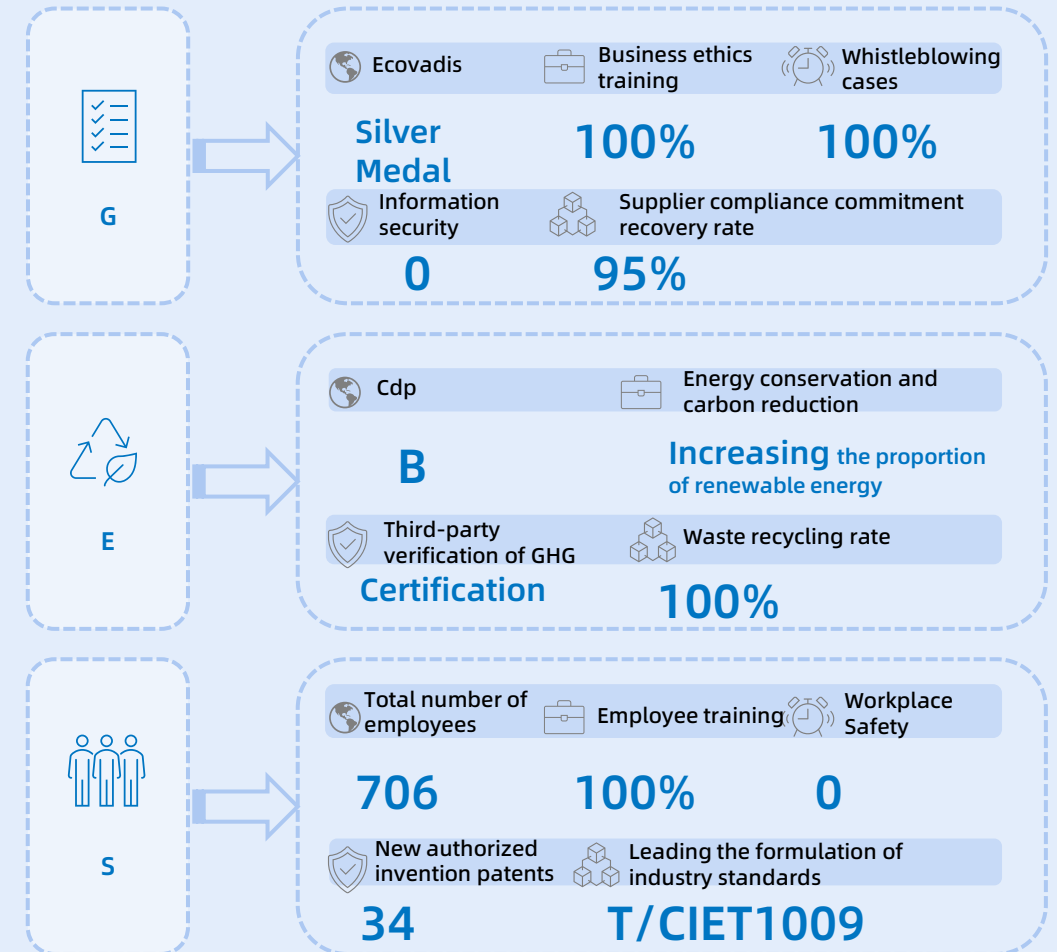
Excellent governance is the cornerstone of creating long-term value and achieving sustainable development. PTTX has established a systematic and efficient ESG governance framework, aiming to deeply integrate the concept of sustainable development into the company's strategy, operations, and culture, ensuring that every link from top-level decision-making to grassroots execution is imbued with a firm commitment to environmental, social, and governance responsibilities.



ESG Governance Framework



PTTX ESG Performance Highlights



Xinpu Electric ESG Performance Highlights



Stakeholder Identification and Communication

PTTX, based on its business nature and operations and drawing on global industry experience and practices, identifies key stakeholders with decision-making authority and influence over the company and establishes regular communication mechanisms. While fully considering the impacts of ESG risks and opportunities on the company, it ensures that its environmental and social impacts meet stakeholder expectations.

Stakeholders	Key Concerns	Communication & Response
 Government & Regulatory Authorities	Compliance operations, environmental protection, work safety, tax contribution, industrial policy response	Special reporting, meetings and discussions, document submission, on-site inspections
 Shareholders & Investors	Corporate governance, financial performance, ESG risk management, long-term value creation, transparency	General meetings, phone communication, special meetings and research, official WeChat account
 Employees	Occupational health & safety, compensation & benefits, training & development, employee care, equal opportunity	Internal meetings, employee forums, training, satisfaction surveys
 Customers	Product quality, technical innovation support, green product certification, after-sales service	Customer visits, technical exchange meetings, satisfaction surveys, after-sales hotline
 Suppliers	Fair procurement, timely payment, cooperation stability, technical collaboration, green supply chain requirements	Supplier conferences, quarterly business reviews, on-site audits, procurement platform
 Community & Public	Community co-building, employment opportunities, environmental noise & emissions, public welfare projects, local economic development	Community visits, open days, public participation, media reports, website/social media

Double Materiality Matrix Analysis

Following the double materiality assessment principle, which considers both the impact importance and financial importance of each ESG issue, the company conducted an annual materiality assessment, identified 15 material issues, and developed a materiality matrix. These issues will be disclosed in subsequent chapters of this report to address stakeholder concerns.

ESG Materiality Issue Analysis Process

1 Issue Identification

Based on its business scope, production and operation nature, as well as decision-making authority and influence, the company identifies key stakeholders closely related to its operations, and develops a list of key ESG issues.

2 Stakeholder Survey

Key stakeholder groups and the methods and channels for communication with them are determined. Key internal and external stakeholders are invited to complete survey questionnaires. Nearly 200 valid responses were collected, rating the ESG issues in the database based on their level of impact.

3 Screening and Assessment

Questionnaire responses are compiled and feedback scores are reviewed. Issues are prioritized based on maturity, stakeholder attention, and importance to the company. A materiality matrix is developed to identify truly material issues.

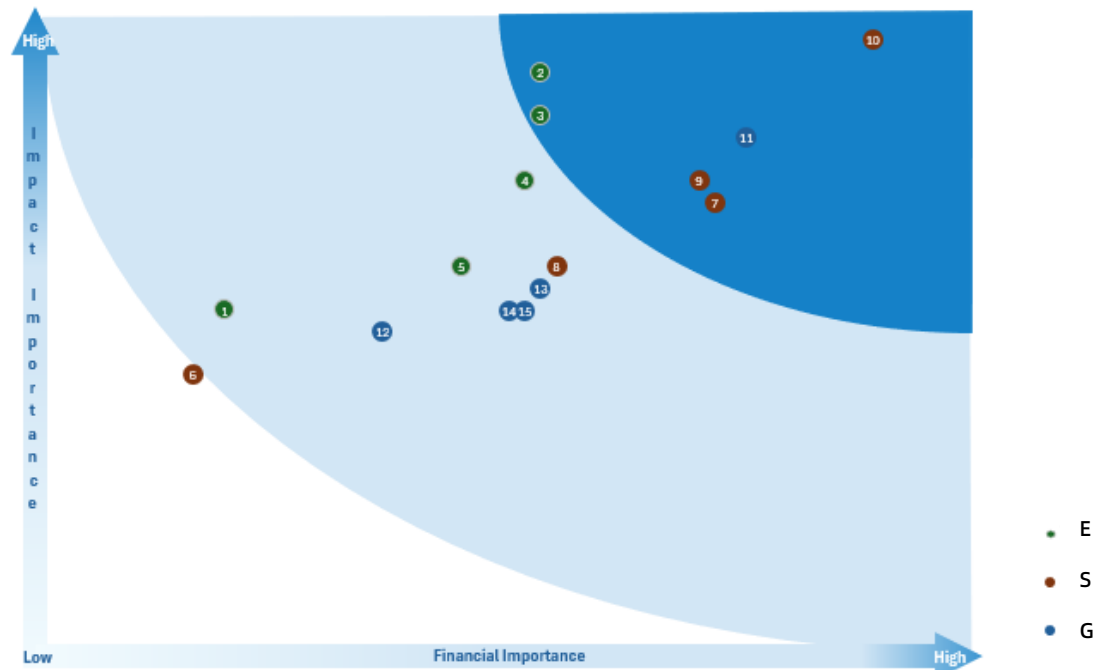
4 Review and Confirmation

Material issues are confirmed by incorporating input from all parties. The ESG Collaborative Management Working Group reviews and confirms the materiality results, which are then reported to the Strategy, Risk and ESG Committee. Extremely material ESG issues will be highlighted for disclosure in this report.



ESG Materiality Matrix



Issues are prioritized based on two dimensions: financial materiality and impact materiality, ensuring more accurate and comprehensive disclosure of corporate social responsibility management, practices, and performance.







Materiality Issue

- | | | | | | |
|----------|---|----------|--|----------|--|
| E | 01 Carbon Emissions & Climate Change | S | 06 Community Engagement | G | 11 ESG Governance |
| | 02 Pollutant Emissions | | 07 Innovation-Driven | | 12 Due Diligence |
| | 03 Waste Management | | 08 Sustainable Supply Chain | | 13 Anti-Bribery & Anti-Corruption |
| | 04 Environmental Governance | | 09 Product & Service Safety and Quality | | 14 Stakeholder Communication |
| | 05 Energy Utilization | | 10 Employee Health, Rights, & Development | | 15 Anti-Unfair Competition |

From the 15 identified material issues, we selected **6** with higher double materiality and summarized their impact type, impact scope, risks and opportunities, and time dimension as follows:

Issue	Impact/Risk/Opportunity	Description	Scope	Time Dimension
 Pollutant emissions	Positive impact	Continuously reduce pollutant emissions (waste gas, wastewater) to ensure compliance, consolidate green manufacturing image and community trust.	Self-operation	Short-term Medium-term Long-term
	Negative impact	Construction, operation and maintenance of pollution control facilities require significant capital and operating costs.		
	Risk	Excessive emissions or facility abnormalities may lead to penalties, production suspension, and reputational damage.		
	Opportunity	Achieving cleaner production first enables access to green credit, policy exemptions, and market advantages.		
 Waste treatment	Positive impact	Promote waste sorting and resource utilization, reduce raw material costs, and realize circular economy value.	Self-operation	Short-term Medium-term Long-term
	Negative impact	Establishing waste collection, storage and disposal systems requires dedicated facilities, personnel, and third-party costs.		
	Risk	Improper waste disposal or hazardous waste mismanagement may lead to heavy penalties, ecological compensation, and license risks.		
	Opportunity	Build a zero-waste factory and become a preferred supplier in customers' green supply chains.		

Issue	Impact/Risk/Opportunity	Description	Scope	Time Dimension
 <p>Innovation-Driven</p>	Positive impact	Develop ultra-stable, low-iron-loss silicon steel and precision core processing technology, directly improving downstream transformer energy efficiency, enhancing product premium and customer loyalty.	Self-operation Downstream of the value chain	Medium-term Long-term
	Negative impact	R&D and trials of new materials and processes require significant investment and carry failure risks, increasing cost pressure in the short to medium term.		
	Risk	Wrong technology route or slow R&D progress may lead to wasted investment and lost market opportunities.		
	Opportunity	First to develop high-performance green products, opening new markets and establishing industry technology barriers.		
 <p>Product & Service Safety and Quality</p>	Positive impact	Reliable products build strong customer loyalty and lasting brand reputation.	Downstream of the value chain	Short-term Medium-term Long-term
	Negative impact	Quality control costs to meet ultra-high standards may reduce short-term price competitiveness.		
	Risk	Product quality issues may lead to claims, market loss, and severe long-term reputational damage.		
	Opportunity	Exceeding industry standards in quality and safety certification enables entry into high-end markets or demanding supply chains.		

Issue	Impact/Risk/Opportunity	Description	Scope	Time Dimension
 <p>Employee health, rights and development</p>	Positive impact	Investing in employee well-being and development enhances productivity, innovation, and organizational stability.	Self-operation	Short-term Medium-term Long-term
	Negative impact	Comprehensive benefits, training, and safety systems may directly increase current operating costs.		
	Risk	Labor disputes, major workplace accidents, or large-scale loss of core talent may lead to operational disruption and technology gaps.		
	Opportunity	Building an excellent employer brand becomes a core advantage in attracting and retaining key talent.		
 <p>ESG governance</p>	Positive impact	A sound ESG governance structure effectively coordinates resources, manages risks, and ensures strategic consistency.	Upstream of the value chain Self-operation Downstream of the value chain	Short-term Medium-term Long-term
	Negative impact	Establishing and operating a complex governance system requires management effort and administrative costs.		
	Risk	Outdated or ineffective governance structures may fail to address regulatory changes and stakeholder demands, leading to systemic ESG failure.		
	Opportunity	Excellent ESG governance is key to gaining favor from responsible investors, improving credit ratings, and earning long-term partner trust.		



Strengthen Foundation

Consolidating the Base of Compliant Governance

Excellent governance is the cornerstone of sustainable corporate growth. The company is committed to building a transparent, efficient, and accountable governance structure, embedding integrity and compliance into its corporate culture. Through rigorous risk management and internal controls, it responds to the UN Sustainable Development Goals and solidifies a foundation of trust for all stakeholders.

01 Improving the corporate governance structure
02 Deepening the Internal Risk Control System

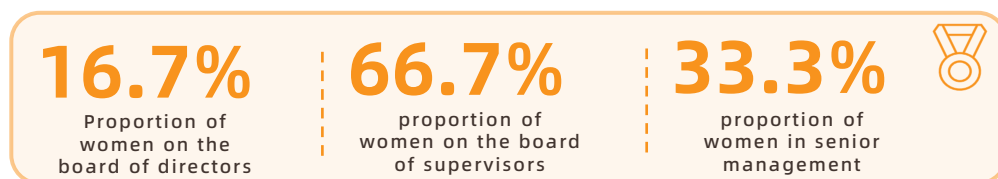
03 Adhering to Business Ethics Principles
04 Fortifying Information Security



Improving the Corporate Governance Structure

The company continuously optimizes its governance structure, strictly standardizes the operational mechanisms of the "three meetings" (board of directors, board of supervisors, and shareholders' meeting), and ensures the scientificity, compliance, and transparency of decision-making.

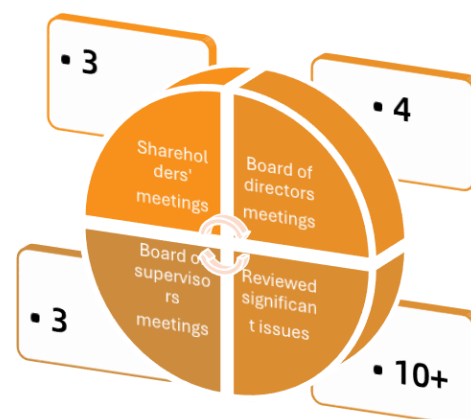
Optimize the Governance Structure



The company has completed the re-election of the board of directors and the board of supervisors. The new board of directors consists of six members (five males and one female), while the board of supervisors is composed of three members (one male and two females). The employee representative supervisor is elected by the company's employee congress. There are six senior management members in total (four males and two females), whose professional backgrounds cover key areas such as strategy, marketing, finance, and R&D. The company emphasizes gender diversity in its senior management team to introduce balanced perspectives into decision-making.

Promote Efficient and Standardized Decision-making

The company held three shareholders' meetings, four board of directors meetings, and three board of supervisors meetings, reviewing a cumulative total of over ten significant issues to ensure the compliance and efficiency of all major decisions.

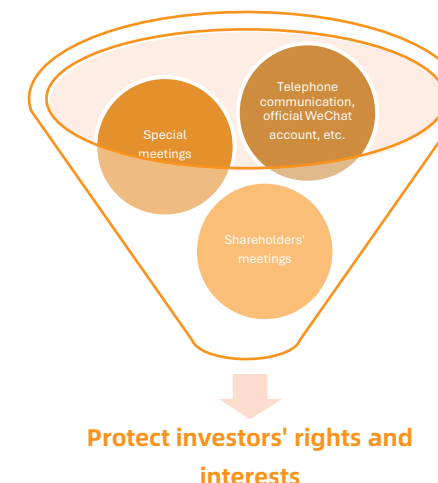


Improve the Institutional System

To align with regulatory updates and development needs, the company revised six core governance systems in 2025, including the Articles of Association, Rules of Procedure for Shareholders' Meetings, and Rules of Procedure for Board Meetings.

Protect Investors' Rights and Interests

In addition to effectively managing shareholder meetings, the company expands diverse communication channels such as special meetings, telephone communications, and official WeChat accounts to proactively convey the company's value to investors, enhance investor recognition, and effectively protect the legitimate rights and interests of shareholders and investors.



Advance Diverse and Democratic Governance

Guided by the principles of diversity and democracy in governance, the company promotes the diversification of its governance team. During leadership transitions, it balances democratic governance with diversity considerations. Worker representative supervisors are democratically elected by the worker's congress, incorporating employee concerns into corporate governance. Each governance level emphasizes gender diversity to introduce diverse perspectives into decision-making. Additionally, the company supports governance members in participating in industry exchanges and professional training to enhance their performance capabilities and strengthen the effectiveness of diverse governance.

Deepening the Internal Risk Control System

The company continues to strengthen comprehensive risk management and control. Based on the "Basic Standards for Enterprise Internal Control" and supporting guidelines, it has established a risk management framework. Next, the company will deepen the construction of a compliance and risk control system: promote the construction of an intelligent compliance management and control platform to achieve compliance risk monitoring and early warning; deepen the collaborative linkage of the "three lines of defense" to improve the operational efficiency of risk control.

Improving the Internal Risk Control System

The company has established a comprehensive risk management governance framework, formulated the "Risk Management System," delineated the risk responsibilities of each department, standardized the full-process management of risk identification, assessment, and response, and embedded risk management into daily operations.



In accordance with the requirements of the "Basic Standards for Enterprise Internal Control" and supporting guidelines, the company's audit department has established an internal control management system, regulations, and processes covering all modules, covering the parent company and all subsidiaries. In 2025, it will conduct inspections on the applicability and compliance of regulations, promote the launch of 72 new regulations and the revision of 33 regulations, improve compliance construction, and enhance the company's institutionalized management level.

Sorting Out and Optimizing Business Processes

In 2025, the company's audit department will lead the sorting out of business processes throughout the company, adopting a bottom-up sorting and top-down framework construction approach. A total of 300 existing business processes will be sorted out, and 74 copies of "Business Process Guidelines" will be guided for completion by various departments, covering key processes. Risks will be marked for high-risk business nodes and guidance will be provided to prevent risks through early warning and control business risks from the source.

Optimizing OA System Control

In 2025, the audit department assisted various departments in building and modifying 53 processes, covering scenarios. Relying on the OA system, it achieved process data archiving and data report generation, supported real-time supervision of process compliance, enabled early identification of unreasonable processes and promoted their optimization, effectively reducing daily operational and office risks and improving work efficiency.

Strengthening Internal Audit and Supervision

Under the leadership of the board of directors, the company has established a standardized audit work mechanism. The company has formulated the "Internal Audit System" to clarify work requirements. In 2025, it will carry out audit projects covering operations, research and development, human resources, marketing, and other modules as planned, identify more than 40 issues and risk vulnerabilities, and the audit department will propose rectification suggestions based on actual conditions and track the rectification progress to ensure closed-loop resolution of risk issues.

Promoting Compliance Culture Construction


The company strictly abides by relevant laws and regulations and pays attention to the construction of business ethics and integrity culture. In 2025, it will regularly organize multiple risk control trainings to cultivate employees' risk prevention awareness and integrity awareness and improve the business ethics system. The audit department has formulated and launched the "Reporting and Investigation Management System," opened reporting channels such as email and mailbox, and is responsible for investigating reporting matters and reporting to management. At the same time, it promotes suppliers to sign the "Anti-Commercial Bribery Commitment Letter," reduces commercial bribery risks through multiple channels.


Adhering to Business Ethics Principles


The company strictly adheres to business ethics, with the Legal Department taking the lead in promoting business ethics compliance and creating a clean and upright corporate operating environment. It maintains a "zero-tolerance" attitude towards any form of corruption, bribery, unfair competition, and fraud, prioritizing compliance obligations over commercial interests.

Establishing a Robust Independent Reporting and Investigation System

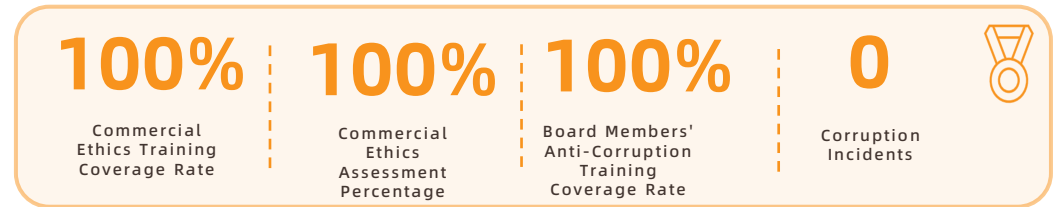
The company supports and protects the legitimate reporting actions of whistleblowers, establishing an independent and impartial reporting and investigation mechanism. It has formulated the "Reporting and Investigation Management System" to clarify reporting channels, handling procedures, and whistleblower protection measures. An independent reporting platform has been established, and the reporting system encompasses three core mechanisms:

- 

Multi-tiered investigation structure: The company's Audit Department serves as an independent investigator and reports directly to the Board of Directors to ensure investigation independence.
- 

Closed-loop management process: The entire process from reporting registration to result feedback is recorded, with an average investigation cycle controlled within 45 days.
- 

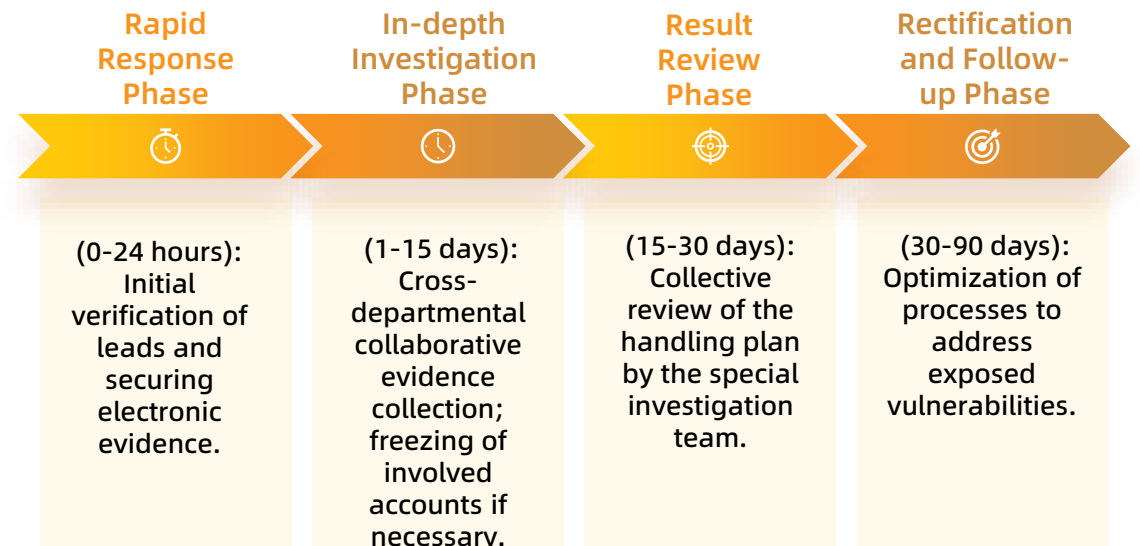
Cross-regional collaboration mechanism: Through collaboration with compliance teams across regions, the completion rate of handling reports reaches 98%.



The company has opened multiple reporting channels, including an online reporting email and offline letters, encouraging employees, suppliers, and other stakeholders to report misconduct.



In 2025, the company optimized the "four-step investigation method" and drove the revision of 17 systems through this mechanism.



Deepening Anti-Corruption and Anti-Bribery Initiatives

The company explicitly prohibits any form of direct or indirect bribery. It conducts mandatory anti-corruption and anti-bribery training for key employees annually and performs risk assessments on corruption and anti-bribery. Based on the characteristics of the company's multi-business development, it continuously advances the construction of anti-corruption and anti-bribery compliance systems and capabilities, dynamically carries out risk identification and monitoring, promotes the optimization of business rules and processes, and strengthens supervision over implementation.

"Three 100% Standards"

100% Training Coverage: All employees are required to complete at least 2 hours of anti-corruption courses annually.

100% Supplier Screening: A "red-yellow-green" three-tier risk rating system is employed, with high-risk suppliers undergoing quarterly reviews.

100% Case Closure: All reported cases are to be resolved within 90 days from acceptance to closure, with any extensions requiring personal approval from the General Manager.



Internal Management

Establish clear process standards for procurement approval, gift acceptance, meeting and travel management, and donation management, and strengthen employee conduct norms.



External collaboration

All partners are required to strictly comply with applicable laws and regulations, industry ethical guidelines, and the company's relevant anti-corruption policies when providing services and fulfilling contracts, and to sign a supplier code of conduct and compliance commitment.

Internal Management

The organization ensures that all employees continuously learn and strictly abide by the Code of Conduct and anti-corruption policies, and conducts specialized training for key positions to continuously enhance employees' awareness of anti-corruption and integrity.

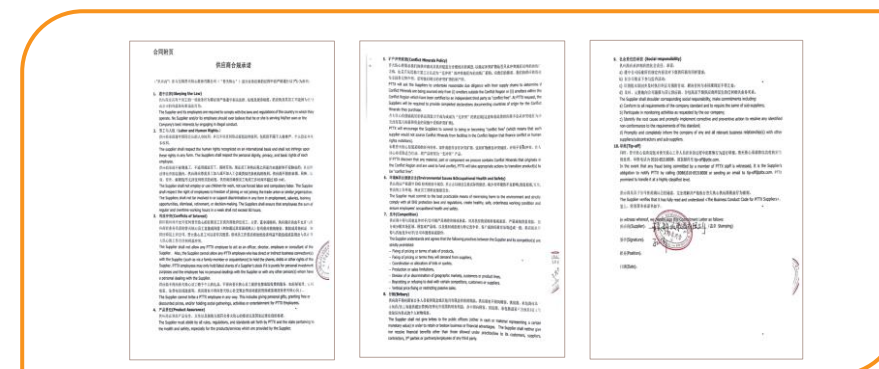
External collaboration

The company will regularly organize compliance training for suppliers and incorporate anti-corruption and anti-bribery performance into the evaluation criteria for qualified suppliers.

The company integrates anti-corruption requirements into internal management and supply chain cooperation. It requires all suppliers to sign the "Anti-Commercial Bribery Commitment Letter," achieving a 95% recovery rate. It consistently conducts special compliance training for all employees, ensuring 100% coverage of commercial ethics and anti-corruption training for all staff, thereby solidifying internal integrity defenses.

Anti-bribery and anti-corruption policies

<p>Absolute prohibition principle: It is forbidden to provide any improper benefits to public officials, clients or partners in any form, including cash, gifts, travel or other indirect benefits.</p>	<p>Value limit system: Employees who receive business gifts with a value exceeding 200 yuan must file a record with the audit department.</p>	<p>Third-party joint liability: Suppliers found to have engaged in bribery will be placed on a "no-cooperation list".</p>
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Supplier Compliance Commitment

Maintaining a Fair Competition Market Order



Identification of fair competition risks

The company regards fair competition as the core of compliant operations. It systematically identifies, assesses, and manages fair competition risks in line with the principle of "one country, one policy." It requires all partners to sign compliance commitments to jointly maintain a healthy and orderly market environment.



Fair competition compliance training

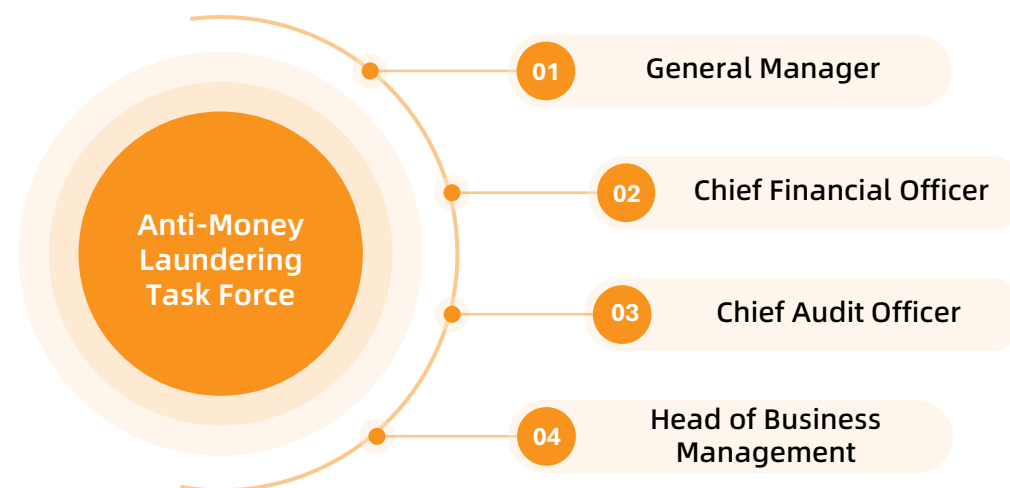
The annual compliance training on fair competition management achieves 100% coverage, ensuring that employees grasp the competitive regulatory requirements of their respective markets and can identify and prevent potential unfair competition risks. Meanwhile, it establishes a competition compliance risk early warning mechanism, achieving 100% monitoring coverage in high-risk business areas.



Performance indicators

During the reporting period, no lawsuits related to unfair competition occurred, and 100% of employees received ethical training. The recovery rate of the "Compliance Commitment Letter and Due Diligence Questionnaire" sent to all suppliers exceeded 95%. Through competition compliance audits, three process defects were identified and rectified, and 12 sales contract templates were optimized, effectively reducing potential compliance risks.

The company opposes all forms of money laundering and fraudulent activities. It strictly adheres to anti-money laundering and anti-fraud laws and regulations, continuously improves internal control systems and working mechanisms, and consistently strengthens control procedures and measures. It regards anti-money laundering and anti-fraud as core components of its compliance management. A leading group for anti-money laundering work, composed of senior management, has been established to coordinate and advance anti-money laundering and anti-fraud compliance efforts. It improves the risk prevention and control system through measures such as partner identity verification, compliance training, and internal audit supervision. The company collaborates with relevant departments to promote anti-fraud tips, enhancing employees' awareness of fraud risks. During the reporting period, no lawsuits related to money laundering or fraud occurred, and 100% of employees received anti-money laundering and anti-fraud training.



Preventing Money Laundering and Fraud Risks



Employee training

Strengthening Conflict of Interest Management

The company attaches great importance to conflict of interest management. In terms of supplier management, the company systematically reviews potential conflicts of interest in accordance with procurement process regulations and requires suppliers to sign compliance commitment letters and disclose relevant conflict of interest information.

In the future, the company will further refine its comprehensive supplier management system and policies, establishing a systematic evaluation framework and guiding standards. Through financial audits, engineering audits, and special investigations into conflicts of interest, it will achieve continuous monitoring of supply chain risks. By implementing an annual disclosure mechanism, the company will gradually achieve full coverage of conflict of interest declarations across all employees.

The company has formulated and implemented the "Rules on Conflict of Interest Disclosure," establishing a standardized management and control process of "automatic identification - hierarchical approval - dynamic monitoring" to guide employees in proactively declaring conflicts of interest and prevent potential risks from multiple dimensions.



In 2025, the company strictly enforced conflict of interest declaration requirements for new hires, achieving 100% coverage of conflict of interest declarations among new employees during the reporting period. Through the conflict declaration process, seven potential conflict of interest incidents were prevented. Simultaneously, the company conducted systematic reviews of potential conflicts of interest within the supply chain, achieving continuous risk monitoring through supplier commitment signings and special audit investigations.

Fortifying Information Security

The company places information security at a strategic level. The information management department is responsible for overall coordination, while senior management handles strategic planning, implementation, and annual budget approval. Continuous investment is made to comprehensively strengthen data and information security, laying a solid foundation for high-quality development.

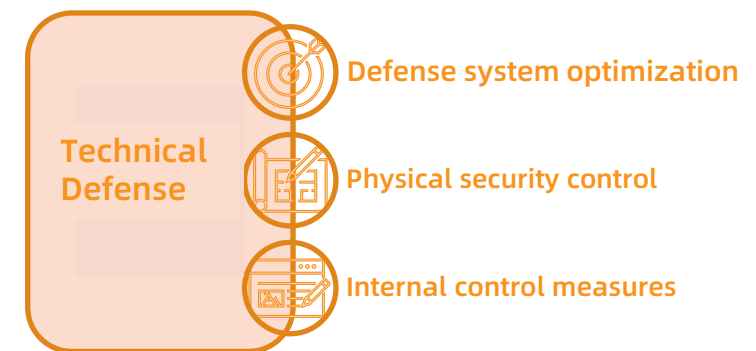
Benchmarking International Standards

The company strictly follows the Cybersecurity Law, Data Security Law, and other regulations, and aligns with the ISO/IEC 27001 international standard. It has established a system covering the Management and Control Standard Procedure for Information Systems, Information Security Risk Identification and Evaluation Procedure, and other related policies.



Strengthening Technical Defense

The company enhances its defense system through multi-layered, comprehensive technical measures. In 2025, it successfully identified and blocked 12,568 network attacks and 16 virus attacks, with no major cybersecurity incidents or data leaks throughout the year. By optimizing firewall and bastion host policies and deploying a document encryption system, the company ensures comprehensive physical and data security.



Strengthening Document Security Management

Backup Measures: Multiple copies of important data are stored, and core confidential data is backed up off-site.



Document Encryption: Documents for internal circulation are encrypted with unique keys. External distribution requires encryption only after the department head reviews and confirms no leakage risk.



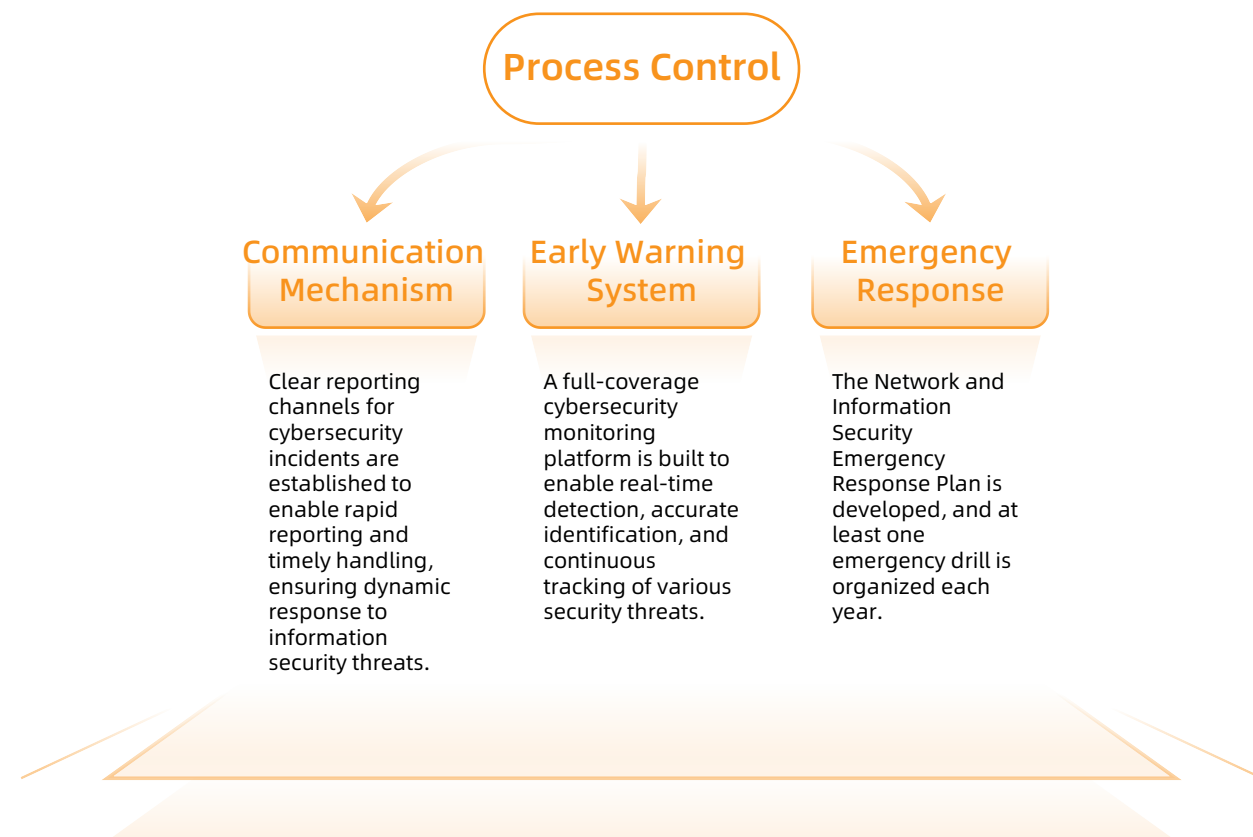
Raising Company-wide Awareness

Information security awareness training has become a mandatory and regular course. Through periodic rolling training and regular security attack-defense drills, the company ensures 100% coverage of information security training for key personnel, comprehensively enhancing security awareness and capabilities across the organization.



Improving Process Control

The company has established the Network and Information Security Emergency Response Plan, created clear reporting channels for security incidents, and set up a comprehensive monitoring and early warning system. Regular emergency drills are conducted to ensure rapid response and effective handling capabilities.





Innovation-Driven

Leading the Green and Low-Carbon Transition

PTTX takes innovation as its core engine, complies with environmental laws and regulations, deeply integrates environmental protection concepts, and reduces environmental pollution and waste. Through continuous R&D investment, systematic green innovation, and lean environmental management, the consumption of tap water, auxiliary materials, and chemicals decreases year by year, with a target reduction of at least 5% by 2030 compared to 2023. This minimizes the environmental footprint across the entire value chain, supporting global climate action and sustainable production

01 Improving Innovation Systems and Mechanisms

02 Breaking Through Core Industry Technologies

03 Addressing Climate Change Through Science

04 Improving Energy Efficiency

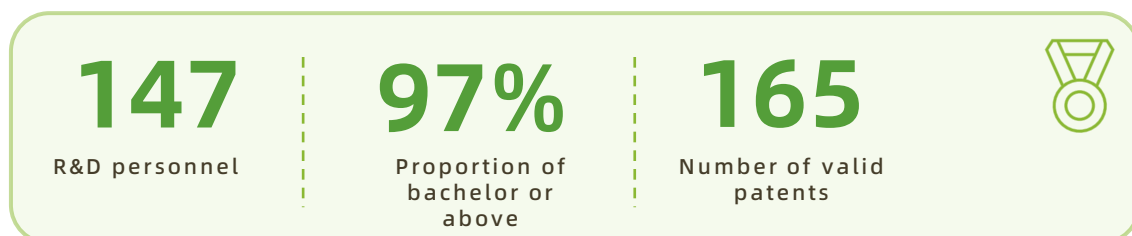
05 Improving Environmental Prevention and Management

06 Environmental Management of Xinpu Electric



Improving Innovation Systems and Mechanisms

PTTX has established innovation-driven development as its core corporate strategy, building a full-chain innovation system that is market-oriented, deeply integrates industry-university-research collaboration, and targets green and low-carbon outcomes.



Defining Core Innovation Strategy

The company's innovation strategy closely follows China's "dual carbon" goals and global energy transition trends, focusing on the technological frontier of transformer cores - a critical power equipment component. The aim is to continuously reduce energy losses in power transmission and distribution, improve resource efficiency, and minimize environmental impact throughout the product life cycle.



Improving the Innovation Management System

PTTX has established a systematic innovation management system. The Intellectual Property and Standards Reward Policy has significantly stimulated the creativity of researchers, fostering a culture of respect and protection for intellectual property. Through the implementation of policies such as the R&D Experience Management Regulation, Project Development Stage Control Procedure, and R&D Project Acceptance Standard Procedure, the company achieves scientific management and risk control throughout the R&D process, ensuring precise allocation of R&D resources and high-quality innovation outputs.

Innovative management system

- Intellectual Property and Standards Reward Policy
- R&D Experience Management Regulation
- Project Development Stage Control Procedure
- R&D Project Acceptance Standard Procedure

Building High-Level R&D Innovation Platforms

Leveraging high-level platforms such as a national postdoctoral workstation, Jiangsu Provincial Engineering Research Center for Power Energy Steel Materials, provincial-level enterprise technology center, and provincial-level industrial design center, PTTX has created a strong ecosystem integrating basic research, applied development, technology transfer, and industrialization. The company continues to invest in world-class R&D infrastructure, possessing advanced domestic and international R&D and testing equipment worth over RMB 100 million, including field emission scanning electron microscopes and X-ray fluorescence spectrometers, enabling full capabilities from microstructure analysis to macro performance testing. PTTX actively expands industry-university-research collaboration networks, providing fertile ground for nurturing high-level talent and achieving an organic connection among talent, innovation, and industrial chains.



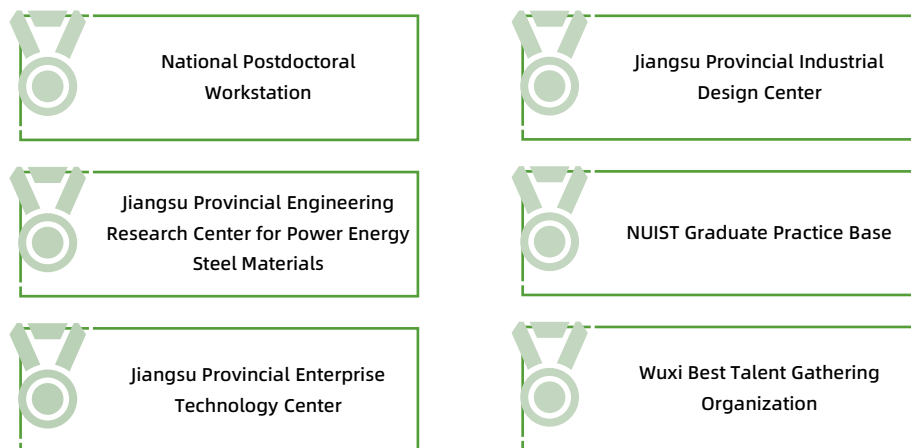
CNAS laboratory

The company has established strategic partnerships with Tsinghua University, North China Electric Power University, Xi'an Jiaotong University, Northeastern University, University of Science and Technology Beijing, Shougang Group, and other research institutions and large state-owned enterprises, and hosts a NJUST (Nanjing University of Information Science and Technology) graduate practice base.



Strengthening the Recruitment and Cultivation of Innovation Talent

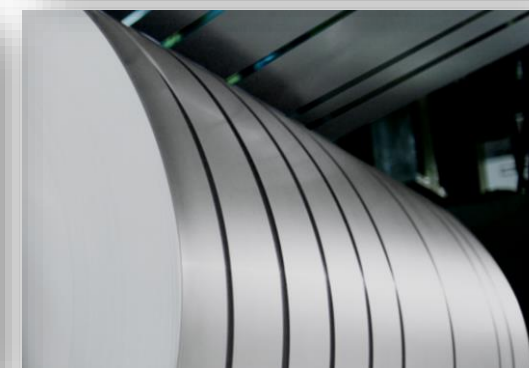
Talent is the primary resource for innovation. PTTX adheres to the philosophy of “gathering, cultivating, and utilizing talent” and has received honors such as “Wuxi Best Talent Gathering Organization.” Through a competitive compensation system, clear career development paths, and a culture that respects innovation, the company attracts and retains a group of high-level scientific and technological talents.



Breaking Through Core Industry Technologies

Material Innovation

The company has successfully developed and launched the third-generation USL ultra-stable low-loss silicon steel, which features low iron loss, thin gauge, high precision, high hit rate and yield rate, and good insulation properties. It effectively reduces no-load loss and noise of transformer cores, further improves overall transformer performance, and enhances equipment energy efficiency and operational stability. Its excellent anti-harmonic and anti-DC bias capabilities suit the complex operating conditions of new energy transformers, representing a significant achievement from PTTX’s many years of dedication to the power and energy sector. The application of this innovative material further reduces transformer energy consumption and significantly improves power transmission efficiency, injecting new momentum into the sustainable development of the power and energy industry. This innovative product stood out in the Jiangsu Provincial New Technology and New Product Certification and was recognized as a product “reaching international advanced level.”



Silicon steel products

Design and Process Innovation

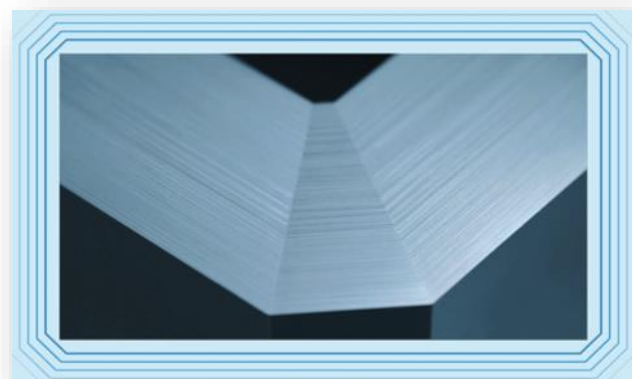
The company continues to deepen its work in core structure design and manufacturing processes.

- 01 Construction of an equivalent calculation simulation model for joints**

At the level of core technology innovation, it has built an equivalent calculation simulation model for joints, significantly improving the accuracy of electromagnetic simulation of cores and laying a solid foundation for subsequent structural optimization.
- 02 Investigation of the influence mechanisms on core performance**

It has deeply investigated the influence mechanisms of key factors such as winding stress and clamping force on core performance, forming qualitative analysis conclusions that provide a scientific basis for refined control of core manufacturing processes.
- 03 Three-component separation analysis of losses**

Focusing on core magnetic performance optimization under harmonic conditions and the loss mechanism of grain-oriented silicon steel, it has achieved three-component separation analysis of losses, providing core technical support for low-loss, high-efficiency core design.



At the product and application innovation level, the company has successfully developed a new bent-angle core product and explored new core structural solutions using mixed materials, further expanding the performance boundaries and application scenarios of core products.

Green Technology Innovation

The company applies green innovation to product support and production. Focusing on low-carbon transformation and resource recycling, it has carried out systematic green technology innovation, achieving key breakthroughs such as standardization of paint and glue, green upgrade of insulation components, energy efficiency improvement, pollutant source reduction, and precise process control. These efforts significantly reduce the life-cycle environmental footprint and deliver quantifiable environmental performance improvements.



Intellectual Property Achievements

As of the reporting period, the company holds 165 valid patents, including 91 invention patents. The company actively participates in the formulation of industry standards. During the reporting period, it issued and revised 7 national, industry, and group standards, including participating in the development of the national standard GB/T 2521.2 Fully processed cold-rolled electrical steel - Part 2: Grain-oriented steel strip (sheet) and leading the drafting of the group standard T/CIET 1009 Quality inspection code for dry-type transformer cores.

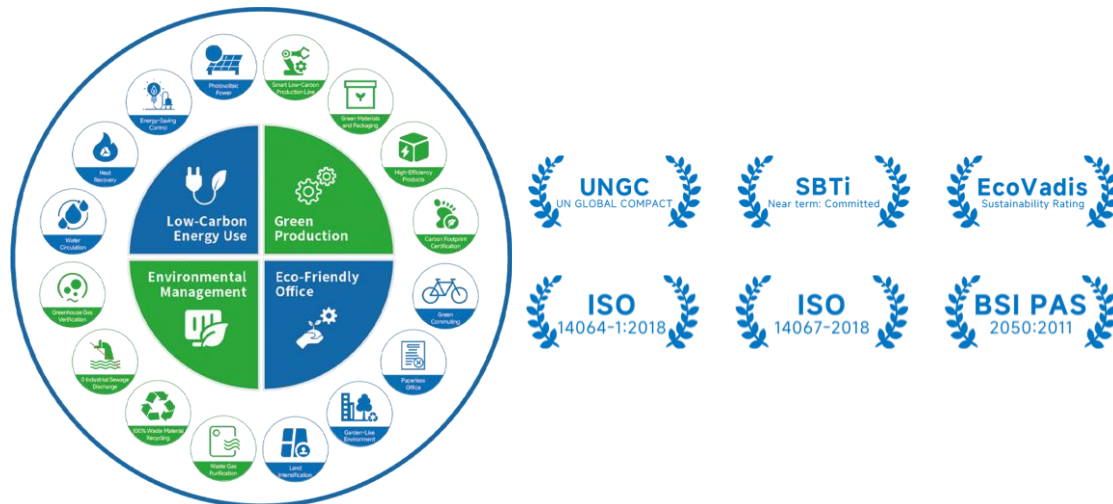


Addressing Climate Change Through Science

PTTX actively promotes green and low-carbon transformation, systematically carrying out multiple green certifications to fulfill corporate climate responsibilities.

Assessing Carbon Footprint

The company strictly follows ISO 14064 to conduct systematic annual greenhouse gas (GHG) emission inventories at the organizational level, and publishes third-party verified statements to ensure accuracy, continuity, and transparency of carbon data. In line with ISO 14067, it regularly performs product carbon footprint certification, systematically quantifying and disclosing GHG impacts across product life cycle stages. By establishing a carbon management system covering both organizational operations and products, the company strengthens its data foundation for climate action, responds to stakeholder concerns regarding low-carbon development, and fulfills its environmental responsibilities and commitments.



Committing to Science-Based Emission Reduction

PTTX has publicly announced its near-term science-based targets on the Science Based Targets initiative (SBTi) website, marking a solid and critical step in fulfilling corporate carbon reduction responsibilities.

Gaining International Recognition

Through robust climate action and transparent management, PTTX received a “B” rating for climate change in the CDP 2025 Environmental Disclosure, the highest honor attainable for participating small and medium-sized enterprises (SMEs).



Improving the Carbon Emission Management System

The company has established a systematic and well-defined carbon emission governance structure, ensuring carbon management objectives are effectively integrated into corporate strategy and daily operations, forming a closed-loop mechanism from target setting to progress tracking.



Strategic Decision-Making Level

The Board of Directors is responsible for reviewing the company’s medium- to long-term carbon reduction strategy, annual carbon reduction targets, and key performance indicators, and for overseeing major carbon-related matters, ensuring carbon management aligns with overall corporate development.

Management Coordination Level

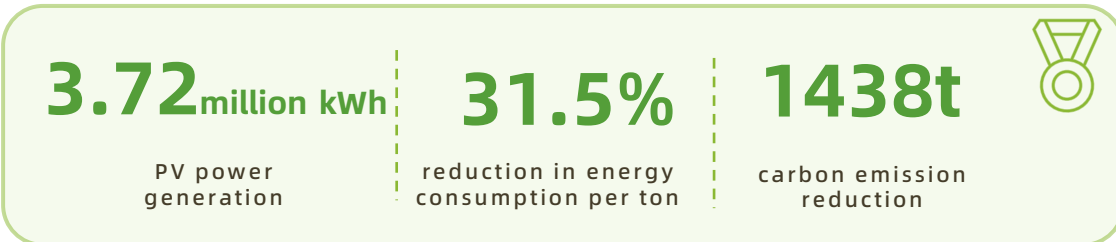
A Sustainability Committee has been established, composed of senior executives and core business leaders. The Innovation and Technology Department coordinates the development of carbon emission management systems, carbon footprint accounting standards, and reduction action plans, regularly assesses carbon risks and opportunities, and allocates resources across divisions to promote energy-saving retrofits, energy structure optimization, organizational carbon inventories, carbon disclosure, and green product certifications.

Implementation Level

Each functional department and production base has designated sustainability liaisons who break down sustainability targets into daily work, monitor and verify carbon emission data, collaborate on implementing reduction measures, and continuously drive process optimization and green supply chain initiatives.

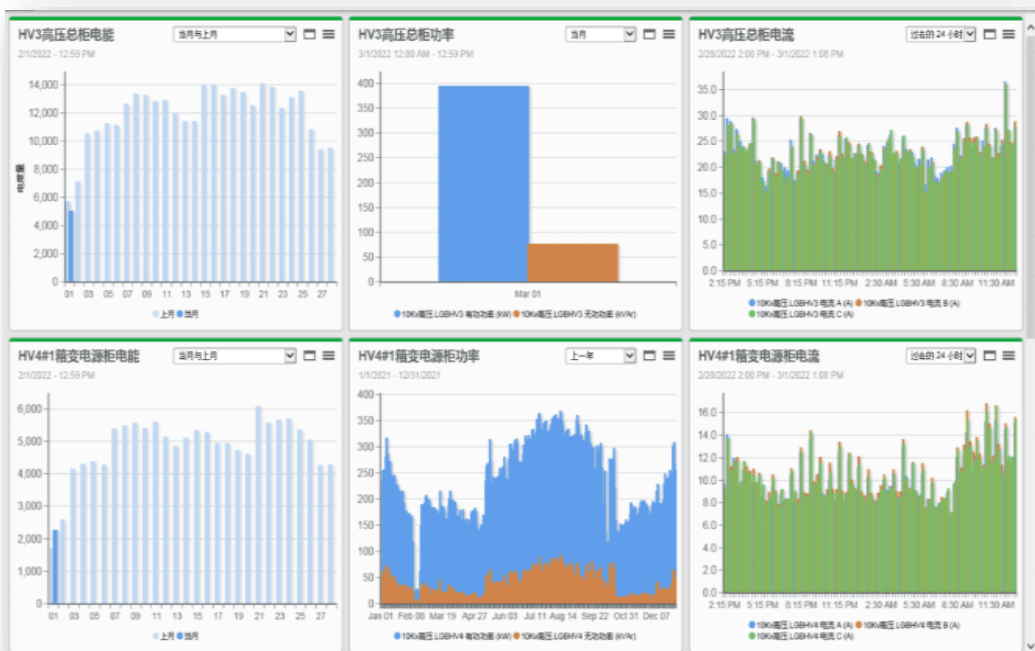
Improving Energy Efficiency

PTTX systematically advances refined energy management in production, focusing on “reducing consumption, improving efficiency, and green operations.” It reduces unnecessary energy use by increasing renewable energy adoption and implementing key energy-saving measures.



Building a Digital Energy Management System

To address poor data clarity and rough control in traditional energy management, the company has deployed the PME power energy management system. It enables real-time collection, dynamic monitoring, and intelligent analysis of power consumption data, providing a solid data foundation for refined energy management and science-based energy-saving plans, supporting green and sustainable development.



Embracing Renewable Energy

Using rooftop resources at its facilities, the company has built distributed photovoltaic power generation projects, continuously increasing the share of green energy. In 2025, total PV power generation reached 3.72 million kWh, effectively reducing GHG emissions from production operations.



Implementing Ongoing Energy Efficiency and Saving Projects

Through a series of lean retrofitting projects, including air compressor system efficiency upgrades, intelligent temperature and humidity control, workshop envelope improvements, and lighting system upgrades, the company has effectively reduced unnecessary energy consumption. Specific retrofits are as follows:

Case1

Air compressor system efficiency retrofit: At the PT11 base, the air compressor system was upgraded by optimizing compressed air pipeline layout, reducing redundant elbows and inefficient air paths, and lowering overall system pressure drop.

Case2

Intelligent temperature and humidity control retrofit: To precisely control environmental conditions in key production areas, 33 networked temperature and humidity sensors were added, enabling real-time data collection and centralized upload to a data platform. Threshold alarms are set to trigger automatic alerts. Based on high-precision data, the start-stop logic and operating parameters of dehumidifiers and air conditioners are dynamically optimized, avoiding energy waste and achieving intelligent energy regulation.

Case3

Workshop envelope improvement project: To address heat/cold loss caused by frequent opening of logistics passages, 12 main rolling doors were equipped with geomagnetic induction devices for “automatic rapid closing after passage,” reducing average door-open delay from 25 seconds to under 15 seconds. This minimizes outdoor air infiltration, stabilizes workshop conditions, lowers the load on air conditioning and dehumidification systems, and improves overall energy efficiency.

Case4

Lighting system energy efficiency retrofit: In 2025, lighting retrofits were carried out based on illumination needs in different areas. At the PT11 facility, the existing 174 sets of 100W traditional fluorescent lamps were replaced with high-efficiency LED lamps of varying wattages. At the PT12 facility, some lamps in the coil storage area and other zones were removed at intervals to achieve “on-demand lighting” - ensuring adequate illumination for high-precision tasks while avoiding energy waste in low-demand areas.



Intelligent temperature and humidity control



lighting retrofit

Improving Environmental Prevention and Management

PTTX upholds sustainable development and implements its safety and environmental policy: “Comply with laws and regulations, drive innovation, manufacture green iron cores, and ensure health and safety.” It integrates environmental management and social responsibility into all production and operations. Focusing on green, low-carbon, and energy-saving efforts, the company has set quantified reduction targets: non-recyclable waste, tap water, and chemical consumption per unit of output will decrease by at least 5% by 2030 from the 2023 baseline. By advancing pollution and resource reduction, it has achieved 100% compliance in environmental monitoring and waste gas emissions, striving to create a clean production environment that exceeds national standards.

Improving the Environmental Management System

The company defines environmental responsibilities across management levels and departments, strictly complies with environmental laws and regulations, and has established a robust environmental management system and supporting policies to ensure compliant production activities and continuously reduce the environmental impact of operations. Dedicated environmental officers conduct regular internal compliance audits, focusing on pollutant discharge control to ensure all environmental requirements are met. An “annual performance” evaluation mechanism dynamically optimizes assessment indicators, promoting sustainable development concepts to internal and external stakeholders and driving green development across the supply chain.



ISO14001:2015

ISO45001:2018

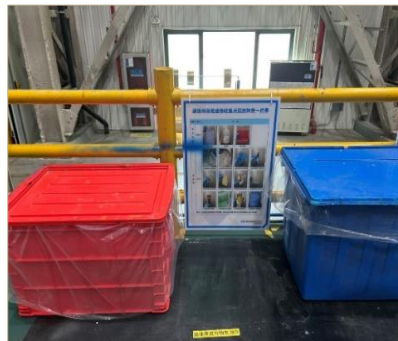
ISO50001:2018

Strict Waste Management

The company follows the Solid Waste Law and its Waste Control Procedure, adopting “separate collection, centralized storage, unified treatment” for full-process waste control. Scrap silicon steel from transformer core manufacturing is sent to recyclers; hazardous waste like waste paint goes to qualified institutions. All waste is disposed of compliantly.



On-site segregated collection of hazardous waste



Hazardous waste storage



Hazardous waste transportation and disposal



Business license and operating permit of hazardous waste disposal supplier



Online equipment dust removal



Exhaust gas treatment

Strengthening Noise Prevention and Control

Low-noise, low-vibration equipment is selected for noise control. Measures such as building sound insulation, green belt isolation, and installation of sound-absorbing materials are implemented. All factory boundary noise meets emission standards, minimizing and mitigating the adverse environmental impact of noise.



Noise source isolation measures

Promoting Water Resource Protection

The company strictly complies with the Law on the Prevention and Control of Water Pollution, regularly tests wastewater discharge, and has built a circulating water system to improve water reuse rates. Production wastewater is treated through a combined “pretreatment + biochemical treatment” process and fully recycled, achieving zero discharge of production wastewater. At the same time, strict control of oil leaks prevents direct discharge of contaminated water.

Implementing Air Pollution Prevention

The company complies with the Air Pollution Law, controlling all air pollutants. Emissions (waste gas, noise) are regularly monitored. Non-methane total hydrocarbons and paint mist are treated by regenerative catalytic oxidizers (RCO). Shearing processes have dust collectors for silicon steel dust. Production is optimized to reduce waste gas at source, ensuring stable discharge within limits. For noise, low-noise, low-vibration equipment is used, along with sound insulation, green belts, and sound-absorbing materials. All boundary noise meets standards, minimizing environmental impact.

Waste	Classification	Disposal method
Recyclable waste	Triangular scraps, scrap iron, edge trims, head and tail offcuts	Regularly collected and transported by designated suppliers; scrapped equipment parts follow the scrap disposal process.
Hazardous waste	chemical packaging containers, etc.	Stored at designated locations and uniformly disposed of by qualified companies.
Industrial waste gas	Generated from production processes	Collected centrally in industrial waste gas treatment facilities and discharged after treatment to meet emission standards.

Regulating Hazardous Material Control

The company implements full life-cycle management of hazardous materials used in production, such as paint, cutting fluid, and anti-rust oil. Environmentally friendly materials are procured from an approved supplier list, with detailed procurement, storage, and usage records. All waste hazardous materials are safely disposed of by qualified entities.

Traditional brush painting process	PTTX mixed-air spraying process
<ul style="list-style-type: none"> • Oil-based paint: poor environmental performance • VOCs ≥ 250g/L 	<ul style="list-style-type: none"> • Water-based paint: green and environmentally friendly • VOCs < 50g/L

Practicing Biodiversity-Friendly Operations

In its facility planning and expansion, the company proactively avoids surrounding ecologically sensitive areas. Native greenery is planted around the site to create ecological buffer zones, and damage to native vegetation is strictly prohibited, achieving harmonious coexistence between industrial development and ecological protection.



Conducting Environmental Services and Advocacy

The company regularly organizes employees to participate in environmental protection activities and educates upstream and downstream partners on environmental standards, encouraging the entire industrial chain to adopt green development principles.

Environmental Management of Xinpu Electric

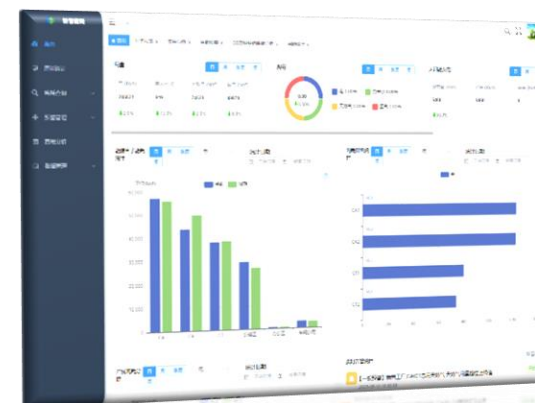
Addressing Climate Change

Xinpu Electric promotes energy saving and carbon reduction by optimizing production processes and upgrading energy-efficient equipment, actively fulfilling climate responsibilities. It continuously reduces production-related carbon emissions by developing clean energy and optimizing the energy mix.



Promoting Clean Energy

A distributed photovoltaic power generation system has been installed on the factory rooftop. In 2025, total PV power generation reached 3.726 million kWh, increasing the share of clean energy and reducing reliance on fossil fuels. The company proactively purchased 35,000 green electricity certificates to offset its carbon emissions, taking concrete action to pursue the dual carbon goals and support broader climate action.



Daily Energy-Saving Control

Through measures such as establishing an energy management system and improving process standards, Xinpu Electric continuously reduces energy consumption per unit of output and minimizes energy waste.

Carbon Emission Management

Xinpu Electric integrates carbon reduction targets into all production and operation processes. By continuously optimizing the energy mix and implementing energy-saving retrofit projects, it conducts annual carbon emission accounting, steadily advances carbon management, and reduces carbon intensity in production.

Improving the Environmental Management System

Strictly following national and local environmental regulations, Xinpu Electric has established comprehensive environmental management policies, defined environmental responsibilities for each department and position, and built a layered accountability mechanism. Through a performance appraisal system, it strengthens environmental accountability. Dedicated environmental specialists conduct regular hazard inspections and ensure timely rectification of identified issues, guaranteeing full compliance with all environmental requirements.

Waste Management

The company strictly complies with the Law on the Prevention and Control of Environmental Pollution by Solid Waste and other relevant laws. It implements segregated collection and disposal of waste, promotes waste recycling and reuse, regularly reviews waste generation during production, and dynamically adjusts management plans based on production changes to ensure all waste is disposed of in compliance.

Air Pollution Prevention

The company strictly follows operating procedures for waste gas treatment facilities to ensure stable and compliant emissions. It conducts self-monitoring as required by its pollutant discharge permit, monitors waste gas emissions with precision, and proactively adopts higher-accuracy low-concentration particulate matter sampling methods to improve monitoring accuracy.

Water Resource Protection

The company has built a water recycling treatment facility to achieve wastewater reuse, reducing fresh water consumption and wastewater discharge. Water flow meters are installed at key water usage points to enable real-time monitoring and enforce water conservation requirements. Treated water quality is controlled to standards higher than national requirements.

Hazardous Materials Control

The company gives priority to qualified suppliers and prefers raw materials that are non-hazardous or contain only trace amounts of hazardous substances. Hazardous waste generated during production is strictly managed by classification, with different types of waste disposed of in corresponding compliant ways to ensure that all hazardous waste is properly handled.

Biodiversity Protection

During the project planning and construction phase, the company fully assesses the potential impact on biodiversity and proactively avoids ecologically sensitive areas nearby. The company prioritizes native plants for landscaping within its facilities, providing a suitable habitat for local species. In daily operations, it strictly controls production noise to minimize disturbance to surrounding wildlife, thereby creating a favorable environment for maintaining regional biodiversity.

Environmental Services and Advocacy

The company regularly provides environmental training to employees to enhance their environmental awareness. It actively organizes employees to participate in environmental public welfare activities, practice waste sorting, promote resource recycling, and advocate for a green production and development philosophy.



People-Oriented

Building A Harmonious Workplace Ecology

Talent is the core driving force behind enterprise innovation and growth. Potevio Iron Core is committed to safeguarding the health, safety, and dignity of every employee, providing a workplace filled with growth, collaboration, and happiness, and achieving mutual development for both employees and the enterprise.

01 Strengthening occupational health and safety

02 Protecting employees' legitimate rights and interests

03 Empowering employee growth and development

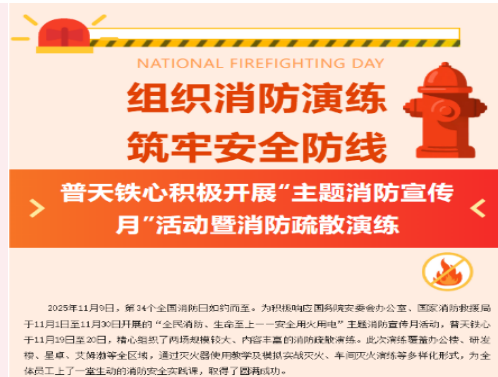
04 Creating a comfortable work environment

05 Fostering a diverse and inclusive culture



Strengthening occupational health and safety

The company promotes a safety culture centered on "safety first, prevention foremost, and comprehensive management." It upholds the vision of "zero accidents and no harm," improves the EHS management system, deepens the responsibility system for safe production among all employees, integrates safety requirements into all aspects of operations, and strives to provide a healthy and safe working environment for employees. The goal by 2030 is to achieve an average score of 80 for employees' EHS basic knowledge assessments, maintain a 100% participation rate in emergency drills, reduce the rate of work-related accidents by 20%, increase the proportion of low-toxicity and non-toxic materials used by at least 20% compared to the base year, and eliminate occupational diseases caused by noise.



▲ PTTX launched the "Thematic Fire Prevention Publicity Month"



▲ PTTX organized the 2025 annual safety production summary conference



Deepen Safety Awareness

The company has established a "full-staff safety production responsibility system" based on the production characteristics of transformer core manufacturing, clarifying the safety responsibilities of each position, signing safety responsibility agreements with all employees, and conducting regular safety assessments to strengthen the production safety line. Through activities such as "safety theme month", core processing safety knowledge contests, and typical safety accident case warning education, the company reinforces the safety awareness of all employees, strengthens the production safety line, and promotes the concept of "safety first" to take root deeply in people's hearts.



▲ Xinpu Electric held a meeting of the Safety Production Committee



▲ Xinpu Electric was awarded the title of "High-Level Safe Advanced Collective"

At the commendation conference for exemplary organizations and individuals in Dagan District, Anqing City, for their contributions to the "building a modern and beautiful Dagan" in 2025, Anqing Xinpu Electrical Equipment Co., Ltd. was awarded the title of "High-level Safety Advanced Collective" by the Dagan District Committee of the Communist Party of China and the Dagan District People's Government.



Strengthen Process Control

The company has independently established a risk assessment team to conduct comprehensive safety risk investigations every quarter, focusing on key processes such as core cutting and stacking, with a particular emphasis on potential risks such as mechanical injuries and electric shocks. The team maintains a record of these investigations and formulates targeted prevention and control measures.

Introduce an intelligent monitoring system into the key links of iron core production to conduct real-time monitoring of shearing equipment, spraying equipment, lifting machinery, etc.; arrange for full-time safety personnel to conduct on-site inspections, promptly correct violations, and ensure that the entire production process is safe and controllable.



▶ Intelligent explosion-proof control real-time monitoring system

The company establishes a convenient and efficient channel for reporting safety hazards, opening both an online reporting platform and an offline reporting mailbox. It clarifies the reporting process, disposal time limits, and feedback mechanisms to ensure that all types of safety hazards and accidents can be reported promptly and handled appropriately.

Strengthening the Emergency Response System

The company has improved its emergency response plan system in consideration of industry production risks, and formulated special plans for emergencies such as mechanical injuries, fires, and electric shocks. It is equipped with sufficient first aid kits, fire extinguishers, emergency power cut-off devices, and other supplies.

2+

PTTX organizes practical emergency drills

23

Xinpu Electric held training sessions for all employees

28

Xinpu Electric held emergency drills



PTTX emergency drill

Xinpu Electric Emergency Drill

Ensure Occupational Health

Controlling Exposure to Hazardous Substances: Provide professional PPE to employees exposed to cutting fluids, anti-rust oils, etc. Conduct regular occupational health exams, optimize work environments, and install isolation/protective facilities to effectively control exposure risks and ensure employee health.

Preventing and Controlling Noise Hazards: Equip noise-generating machinery with noise reduction. Provide soundproof earplugs to operators and arrange shift rotations to avoid prolonged high-noise exposure, thereby effectively controlling noise exposure risks.

prevention and control measures

Noise isolation: To reduce the impact of noise sources on the external environment, sound insulation measures have been taken for high-noise equipment.

Equip employees with necessary personal protective equipment such as earplugs and earmuffs to provide them with adequate hearing protection. Train and guide employees on the proper use of personal protective equipment to ensure they are effectively protected in a noisy environment.



Protecting employees' legitimate rights and interests

The company strictly abides by national labor laws and regulations, earnestly safeguards the various rights and interests of its employees, and fosters harmonious and stable labor relations.

Abide by Labor laws and Regulations

The company strictly abides by various national and local labor laws and regulations, fully protecting the legitimate rights and interests of employees in terms of wages, benefits, working hours, rest and vacation.

Carry out Fair Social Dialogue

The company establishes a smooth communication mechanism, implements democratic management processes, signs collective negotiation agreements in accordance with the law, and safeguards employees' rights to participate in democratic management.

Empowering employee growth and development

The company supports employee growth with competitive compensation, clear career paths, and abundant learning resources. A sound compensation system with salary control attracts, motivates, and retains talent. All wages exceed the subsistence standard. Career development paths, continuous learning opportunities, and guidance empower employees to realize their potential and achieve professional growth.

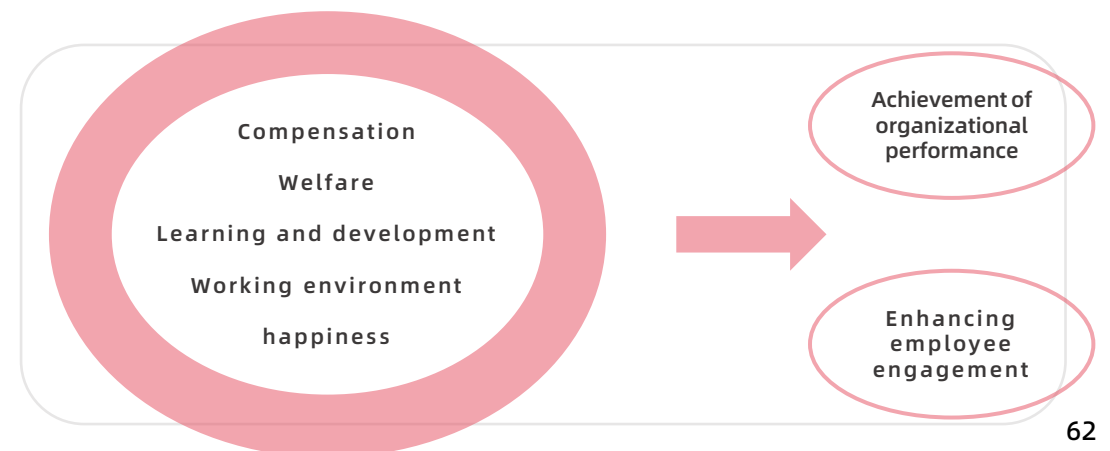
100%

Employee salary exceeds the minimum living wage standard



Optimize the Compensation and Benefits System

The company offers a market-competitive and performance-linked compensation package. This includes a flexible salary structure (base pay, bonuses, incentives) informed by regular market surveys, and a comprehensive benefits plan (social insurance, housing fund, commercial insurance, leave, health checks, gifts). Customizable options like flexible hours are available, and the entire package is regularly reviewed and updated.



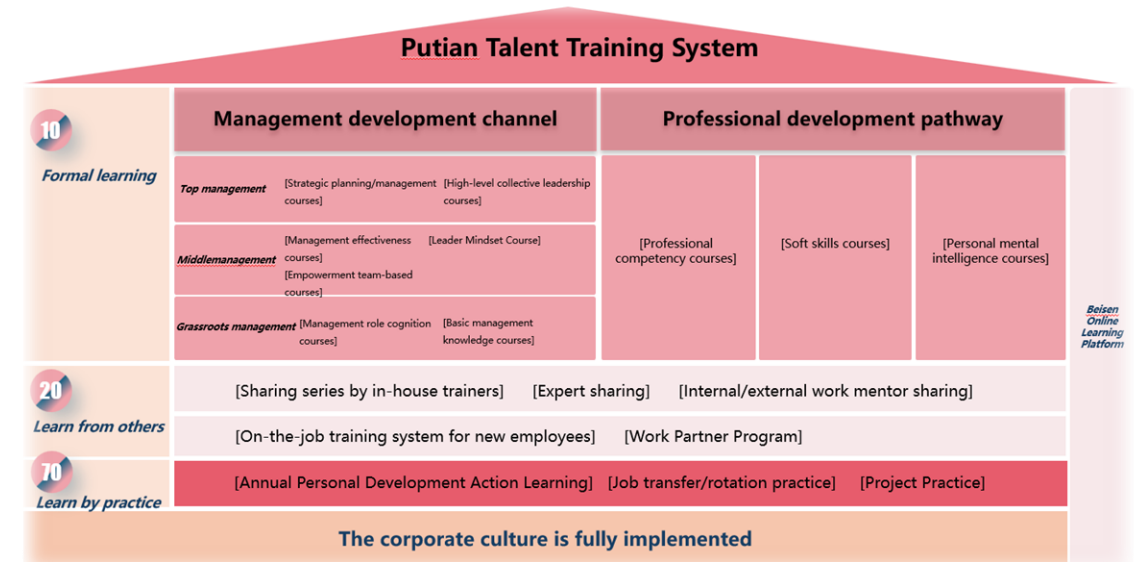
Plan Career Development Path

The company provides personalized career planning and professional guidance for its employees, establishes career development ladders covering all functional sequences, clarifies core competency requirements for each level, offers diversified paths for vertical promotion and horizontal cross-departmental development, assists employees in setting short-term and long-term career goals, and establishes succession plans for key positions.



Establish the Hierarchical Training System

The company provides abundant internal and external training resources, establishes an online learning management system to facilitate employees' learning anytime and anywhere, customizes phased personalized training plans based on employee performance feedback and career goals, offers various internal training courses such as product knowledge, professional skills, and management skills, collaborates with educational institutions to provide professional certification and advanced degree courses, and promotes the construction of a learning organization.



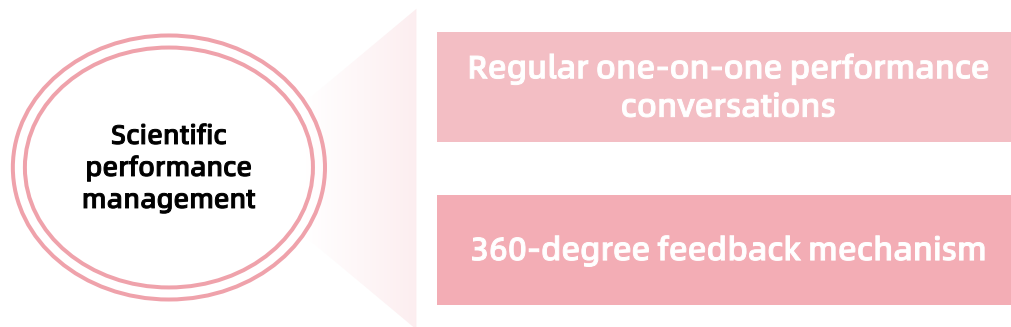
Implement the Mentor Coaching Program

The company selects, trains, and certifies internal mentors, provides a structured pairing process for mentors and mentees, conducts goal setting and progress tracking, regularly evaluates the effectiveness of the mentor program and optimizes it based on feedback, organizes communication meetings to listen to employees' career development needs, and promotes the inheritance of internal knowledge and experience.



Implement Scientific Performance Management

The company regularly conducts performance management to link employee performance with compensation and career development. It ensures timely and effective communication and feedback through regular one-on-one performance dialogues, and introduces a 360-degree feedback mechanism to ensure comprehensive and objective feedback.



Creating a comfortable work environment

The company is committed to creating a safe, healthy, open, and inclusive working environment, helping employees balance work and life, and enhancing their sense of belonging and happiness. Based on fair compensation and comprehensive benefits, we optimize working conditions through measures such as open communication channels, continuous employee care, and flexible work arrangements. This not only ensures employee well-being and supports professional growth but also adheres to democratic management, encourages employees to voice their opinions and express reasonable demands, facilitates feedback channels, supports employee participation in company decision-making, and jointly promotes enterprise development. By 2030:

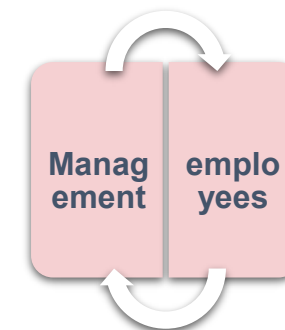
Improvement in employee satisfaction survey scores in the dimension of working conditions 10%	In progress
Employees enjoy the protection of collective bargaining agreements 100%	Completed

Employee feedback has been responded to 100%	Completed
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Employee feedback effectively addressed 65%	In progress
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Smooth Two-way Communication Channels

The company has established a diversified communication mechanism, encompassing employee meetings, anonymous feedback systems, internal communication platforms, etc., encouraging two-way communication between management and employees, and supporting employee participation in company decision-making.



Democratic Symposium for All

Implement Flexible Work Arrangements

The company provides customized work arrangements, including reducing business trips, adjusting working hours, flexible working hours, remote collaboration, project-based work, etc., to help employees better balance work and life.



Upgrade Office Hardware Environment

The company continuously invests in upgrading office facilities and technology, enhancing work efficiency, alleviating physical and psychological stress on employees, and fostering a safe and healthy work environment.



Office environment

Strengthen Employee Care Services

The company places great emphasis on employees' mental health and work-life balance, providing mental health support including psychological counseling services and stress management workshops. It regularly organizes team-building and social activities, enhances employees' sense of belonging and pride through rewards and recognition, conducts regular employee satisfaction surveys, and optimizes care measures based on feedback.

Hold Various Cultural Activities

The company regularly holds various cultural and sports festivals, including employee birthday parties and special activities for the Loong Boat Festival. It also collaborates with the Wuxi Chess Sports Association to assist in hosting the 4th Jiangsu Provincial Chess League, fostering a harmonious and positive corporate culture and enhancing team cohesion.



Cultural and sports activities

Fostering a Diverse and Inclusive Culture

The company regards its employees as valuable assets, adheres to a people-oriented philosophy, respects and cherishes every employee, actively fosters a diverse, equal, and inclusive atmosphere, pays attention to the physical and mental health of employees, provides necessary support and resources, and contributes to the well-being and development of employees.

Carry out Fair DEI Recruitment

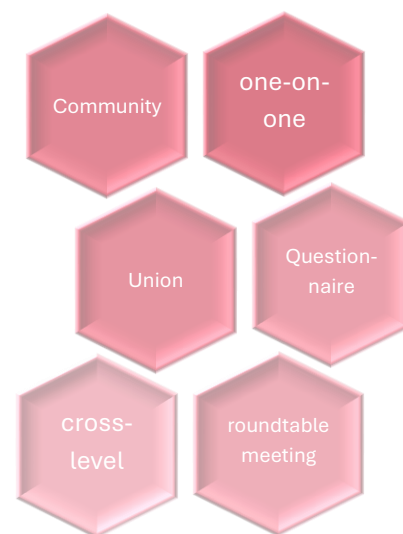
The company adheres to a fair and unbiased recruitment process, adhering to the principles of "open recruitment, fair competition, rigorous selection, and merit-based hiring", and fosters diversity, equality, and inclusivity in the workplace.

Carry out DEI Special Training

The company has established DEI-related courses and regularly organizes training sessions and workshops on diversity and harassment awareness, anti-discrimination, and inclusive care. These activities ensure full participation, enhance employees' understanding of a diverse, equal, and inclusive culture, and promote mutual respect and understanding.

Establish DEI Listening Channels

The company has established open communication channels, actively listening to the views and opinions of employees, management, labor unions, and the community. These channels encompass various forms such as cross-level communication among senior executives, one-on-one communication between employees and their superiors, roundtable discussions, labor union communication, and community communication, ensuring that all parties can freely express their ideas.



Carry out Special Care for DEI

The company actively empowers female employees and special groups by organizing Women's Day celebrations, providing breastfeeding rooms for female employees, setting up barrier-free bathrooms for disabled employees, and offering employment guidance services to college students. These measures help relevant groups balance work, study, and life, and unleash their potential.



Special care

Hold DEI Themed Activities

The company regularly celebrates multicultural festivals and events, demonstrating its respect and appreciation for different cultural traditions.



Colorful themed activities



Collaborative Symbiosis

Creating Value Across the Supply Chain

PTTX's growth depends on customer trust, partner support, and community prosperity. The company is committed to working with all value chain partners to build a responsible, resilient, and green industrial ecosystem through excellent product responsibility, responsible supply chain management, and active social participation.

01 Delivering Excellent Product Quality

02 Improving Customer Service Mechanisms

03 Building a Responsible Supply Chain

04 Fulfilling Corporate Social Responsibility



Delivering Excellent Product Quality

The company adheres to the principle that “quality is the lifeblood,” implements a Chief Quality Officer mechanism, and has established a Quality Center with veto power.

Robust Quality Management System

The company maintains the Chief Quality Officer mechanism, effectively exercises veto power, and strengthens accountability. The Quality Center has been set up to enhance quality functions across five areas: advanced quality planning, customer quality management, quality system management, in-process quality control, and supplier quality management, systematically improving PTTX’s quality level.



Enhanced In-Process Quality Monitoring

Key Performance Indicators	<ul style="list-style-type: none"> • Identify 17 major process modules • Establish 40 process control methods
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The company has built an integrated QMS digital platform covering all quality activities: customer complaints, returns, non-conformance handling, rework and repair, incoming inspection, in-process inspection, final product testing, metrology management, and corrective/preventive actions. By upgrading testing equipment, real-time monitoring of key material properties for core production is achieved, including online monitoring of silicon steel scribing and slitting performance. Monitoring data is automatically analyzed and uploaded via MES to the central platform, triggering quality anomaly reporting and resolution, laying the foundation for a true and comprehensive quality database.



An information-based quality knowledge base has also been established, summarizing historical quality failure cases, key quality control points, and critical design and process parameters. Regular employee training is conducted to continuously improve quality control and meet customer requirements. From a process risk perspective, the quality management system has been restructured, identifying 17 process modules and establishing 40 process control methods to effectively manage risks in product realization.

Improved Product Energy Efficiency

The company's product quality is excellent. For example, among key performance indicators affecting transformer cores - no-load current and burr height - industry averages are 0.77% and ≤0.015 mm respectively, while PTTX achieves 0.69% and ≤0.010 mm. The company's other product indicators also lead the industry. PTTX's product performance significantly exceeds industry averages, with no-load loss for the same specifications far better than the industry average, delivering substantial energy savings for customers.



The company remains customer-centric, committed to "providing professional solutions." It focuses on high-grade, high-efficiency, and high-quality demands, leveraging internal lean management to drive energy efficiency upgrades and green, low-carbon R&D, advancing a quality- and efficiency-driven strategic upgrade and strengthening brand value. PTTX builds sustainable customer relationships, protects customer rights, ensures smooth communication, optimizes customer experience, and enhances satisfaction.

1 Lean Quality Control System

The company has built a smart manufacturing-based lean production system, optimizing scheduling, production, QC, and logistics for delivery accuracy. Following the "customer first, right first time" philosophy, product quality meets customer needs. Self/cross-inspections and quality "fault-finding" competitions strengthen frontline skills and accountability, embedding the principle that "whoever makes it is accountable for its quality."

2 Protecting Customer Rights

The company strictly protects customer intellectual property and trade secrets, with corresponding confidentiality clauses and control measures. The confidentiality management system is continuously improved to ensure compliant and secure use of customer business secrets, safeguarding customer information in all aspects.

Improving Customer Service Mechanisms



3 Systematic Customer Relationship Management

The company prioritizes customers with routine maintenance, enhanced service training, optimized processes, and joint follow-ups by technical, production, and quality teams for rapid response. A dedicated quality team handles complaints, manages returns, rework, and repair, coordinates root-cause resolution across departments, and analyzes complaint data via the digital platform to drive continuous improvement.

4 Continuous After-Sales Service Optimization

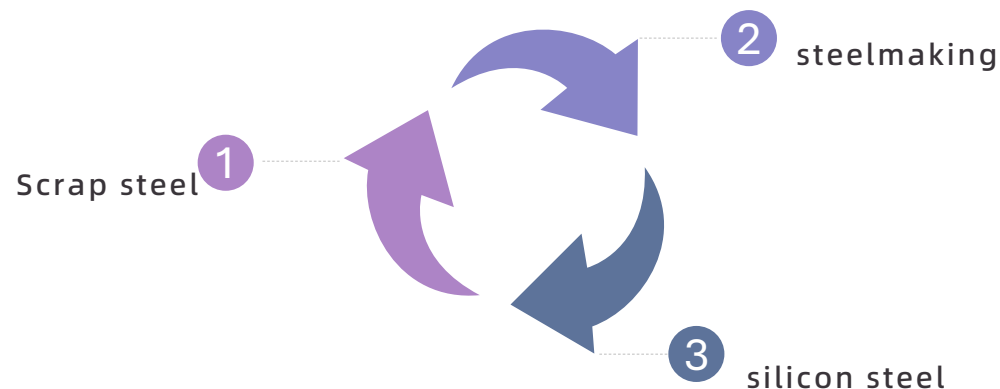
Regular customer satisfaction surveys (pre-sale, in-sale, after-sale) collect feedback, with special teams implementing corrective actions. For measurement or quality disputes, qualified personnel are dispatched on-site to complete the closed loop: receipt, confirmation, negotiation, claim settlement, feedback, and correction. All dispute data are entered into the complaint system to support quality improvement, with PDCA-based tracking ensuring satisfaction.

Building a Responsible Supply Chain

PTTX embraces cooperation, integrity, and fairness as core principles in supplier management, committed to working with suppliers to build a responsible, resilient, and green supply chain ecosystem.

Co-creating a Closed-Loop Green Circular Supply Chain

The company has built a full-lifecycle green chain from raw materials to finished products, promoting the use of recycled materials. It collaborates with major steel mills to recycle silicon steel scrap, jointly developing a “scrap steel - steelmaking - silicon steel” closed-loop supply chain, reducing virgin resource extraction and lowering the carbon footprint across the industrial chain. PTTX also empowers key suppliers to conduct carbon inventories, leading the industry toward net-zero emissions.



Embedding Sustainable and Responsible Procurement Standards

Environmental and social responsibility are integrated into all procurement decisions. For various auxiliary materials, the company strictly follows RoHS and REACH requirements, has established a List of Restricted/Prohibited Substances, and requires suppliers to provide third-party test reports for hazardous substance control. A full-scale e-procurement platform has been launched, incorporating third-party open sourcing channels to ensure transparency, traceability, and compliance in procurement.

Implementing Supplier Full Lifecycle Management



PTTX implements full lifecycle management for all categories of raw and auxiliary material suppliers. Social responsibility assessments focus on identifying violations such as child labor, forced labor, and excessive overtime in upstream small and micro enterprises. Unannounced inspections are intensified for potential family-workshop-style production in the auxiliary material supply chain. In 2025, the company completed on-site audits of 8 high-risk suppliers and drove 11 corrective actions. It also addresses occupational hazards in silicon steel processing, requiring suppliers to provide adequate personal protective equipment to safeguard employee health.

Driving Green Transformation and Empowerment of Suppliers

The company has established strict green entry requirements, mandating that new suppliers must be certified under ISO 14001 and a carbon management system, with a 100% green compliance rate. Environmental performance is integrated into the supplier evaluation system. PTTX promotes green transformation among existing suppliers, encourages the adoption of clean production technologies to reduce energy consumption and emissions, and works with partners to explore low-carbon solutions, jointly building a sustainable green supply chain ecosystem.



Fulfilling Corporate Social Responsibility

PTTX pursues business growth alongside social responsibility, actively investing resources and expertise to support public welfare initiatives in sports, culture, industry exchange, and local employment. The company supports and implements at least three public welfare projects each year.

Collaborating on Social Activities

PTTX partners with industry associations and local organizations to fulfill CSR through sports, cultural, and industry events. It co-organized the Fourth Jiangsu Provincial Chess League, hosted the 2025 "Yuedong Xishan" Badminton Tournament & the 17th "PTTX Cup," established the first physical "Member Home" exhibition hall for the Core Application Branch of China Electrical Equipment Industry Association, and co-organized a "Coaching Communication Workshop" with the Xishan HR Alliance, attracting over twenty mid-to-senior managers and HR leaders from the Yangtze River Delta.



Iron Core Application Branch of China Electrical Equipment Industry Association



HR Coaching Communication Workshop



The 4th Jiangsu Provincial Chess League

The 17th "Putian Tiexin Cup" Badminton Tournament

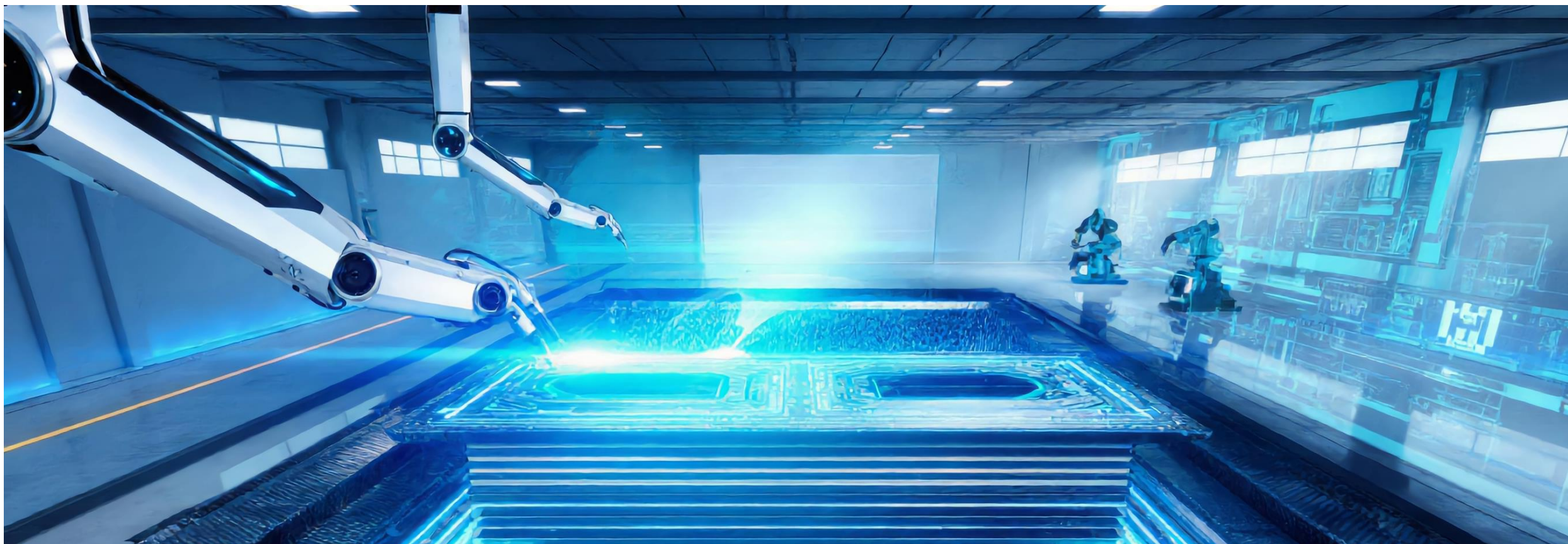
Enhancing Global Brand Recognition

PTTX advances global brand building and market presence. In 2025, the company exhibited at global power and energy industry events such as Middle East Energy Dubai and CWIEME Berlin. It also manages multi-channel social media accounts both domestically and internationally, sharing corporate strategy, milestones, marketing activities, and company culture, supporting global business expansion and enhancing brand visibility and industry influence worldwide.



Promoting Local Stable Employment

PTTX actively fulfills its social responsibility to promote local employment. During the reporting period, it recruited new graduates and created stable job opportunities for the local community, contributing to sustainable cities and communities.



Outlook 2026

We are living in a critical era where energy transition and sustainable transformation converge. As an indispensable part of the electric energy conversion and transmission value chain, every innovation and practice of PTTX is closely linked to building a greener, more resilient future. This report systematically reviews our journey in fulfilling our environmental, social, and governance (ESG) responsibilities - both a reflection on past commitments and a firm declaration of our path forward.

What is presented in this report is not merely a collection of data and achievements, but a reflection of our core values. From building a circular economy model and embedding green concepts throughout the product life cycle in environmental management, to upholding a people-centered approach and creating shared value for employees, customers, and the wider community in social commitments, and to ensuring sound governance as a foundation for steady and long-term development - each chapter demonstrates our determination to treat sustainability as an intrinsic driver of business growth.

Our journey is long, but our commitment remains unwavering. Looking ahead, the global sustainability agenda presents profound challenges as well as unprecedented opportunities. We will continue to uphold our core philosophy of "innovation-driven, people-centered, and green development," addressing challenges from climate change, resource scarcity, and supply chain transformation with a forward-looking perspective. We will further integrate ESG principles into our business strategy, accelerate key technological innovations, expand the depth and breadth of our green supply chain, and explore new operational models with higher efficiency and lower consumption amid the waves of digitalization and intelligence.

The future of sustainable development is not a solitary path, but a collective journey. We sincerely thank all our stakeholders - including our employees, customers, suppliers, investors, and community partners - for the trust and support you have given us over the past year. Your expectations and oversight are valuable drivers of our continuous progress and improvement.

PTTX is ready to join hands with every partner to build a sustainable future of economic prosperity, social equity, and environmental friendliness, with our resilient commitment and value-creating craftsmanship.

Appendix: Key Performance Indicators

PTTX Performance

Environmental Management

KPI	Unit	2025
Product ton reduction rate	%	31.5%
Total air pollutants	Ton	0.077
Total solid waste	Ton	9879.27
Total hazardous waste	Ton	33.8
Total non-hazardous waste emitted	Ton	0
Total non-hazardous waste disposed	Ton	111.47
Total waste recovered	Ton	9734
Recyclable waste ratio	%	98.52
Total production output	Ton	195008
Solid waste generated per ton of product	Ton/t	0.0508
Percentage of employees receiving environmental training	%	100
Percentage of employees assessed on environmental performance	%	100
Average hours of environmental training per employee	h	2.5

Employee Care and Social Responsibility

KPI	Unit	2025
Total number of employees	Persons	706
Percentage of male employees	%	79.32
Percentage of female employees	%	20.68

KPI	Unit	2025
Age 18-25 (inclusive)	Persons	98
Age 25-35 (inclusive)	Persons	358
Age 35-45 (inclusive)	Persons	193
Age 45-55 (inclusive)	Persons	42
Over 55 years old	Persons	15
Percentage of women on the board	%	16.67
Percentage of women in manager and above positions	%	26.25
Percentage of ethnic minorities in direct sales	%	4.95
Days lost due to work-related injuries, fatalities, and poor health	Days	94
Number of work-related accidents	Cases	2
Number of work-related fatalities	Persons	0
Work-related fatality rate	%	0
Percentage of employees trained on health and safety issues	%	100
Percentage of employees assessed on health and safety issues	%	100
Average hours of health and safety training per employee	Hours	12.5
Percentage of employees receiving vocational training	%	100
Average working hours per person	Hours	2160.75
Ratio of the total annual salary of the highest-paid individual to the median annual total salary of all employees	%	694
Unadjusted average gender pay gap	Yuan	-644
Percentage of employees with medical insurance	%	100
Employee job satisfaction rate	%	100
Percentage of employees covered by employee representatives	%	12

KPI	Unit	2025
Percentage of employees covered by collective agreements	%	100
Number of skill training sessions provided	Times	463
Number of cases of child labor or forced labor conditions	Cases	0
Number of annual factory audits on child labor or forced labor	Times	0
Percentage of employees trained on preventing discrimination and harassment or promoting diversity, equity, and inclusion	%	100
Labor contract signing rate	%	100
Social insurance coverage rate	%	100
New hires	Persons	119
Number of fresh graduates hired	Persons	9
Percentage of employees covered by living wage benchmark analysis	%	100
Percentage of employees paid below the living wage	%	0
Percentage of employees (including direct and informal employees) paid below the living wage	%	0
Percentage gap between the average wage of employees paid below the living wage and the living wage benchmark	%	0

Green Supply Chain Management

KPI	Unit	2025
Total number of suppliers	/	691
Percentage of key suppliers with female legal representatives	%	27
Percentage of key suppliers with male legal representatives	%	73
Supplier code of conduct signing rate	%	100
Percentage of suppliers signing contracts containing environmental, labor, and human rights clauses	%	100

KPI	Unit	2025
Percentage of suppliers participating in corporate social responsibility assessments	%	83.2
Percentage of suppliers participating in on-site CSR audits	%	16
Percentage of audited/assessed suppliers participating in corrective actions or capacity building	%	100
Percentage of procurement staff trained in sustainable procurement	%	100
Average hours of sustainable procurement training per employee	h	2.2
Percentage of employees assessed on sustainable procurement	%	100

Innovation Management

KPI	Unit	2025
Number of patent applications filed	Units	47
Number of new patents granted	Units	52
Number of new invention patents granted	Units	34
Number of national/industry standards issued (formulated or revised)	Units	7

Corporate Governance and Compliance Management

KPI	Unit	2025
Percentage of employees trained in business ethics	%	100
Average hours of business ethics training per employee	h	3
Percentage of employees assessed on business ethics	%	100
Percentage of board members trained in anti-corruption and anti-bribery	%	100

KPI	Unit	2025
Average training hours per board member	h	4
Number of training sessions attended by board members	/	3
Fines related to violations of business ethics	Yuan	0
Lawsuits related to violations of business ethics	/	0
Number of reports generated from whistleblowing procedures	/	10
Number of confirmed corruption or bribery incidents	/	0
Internal audits on regulatory compliance	/	5
Internal audits on engineering compliance	/	2
Compliance commitment recovery rate from suppliers	%	95
Major information security incidents	/	0
Number of cyberattack blocks	Times	12568
Number of information security training sessions conducted	/	5
Percentage of IT professionals covered by information security training	%	100
Total assets	Ten thousand Yuan	183319.08
Operating revenue	Ten thousand Yuan	232691.57
R&D investment	Ten thousand Yuan	9385.38
R&D investment as percentage of operating revenue	%	4

Xinpu Electric Performance

KPI	Unit	2025
Operating revenue	Ten thousand Yuan	115912.98
Reduction in carbon emissions per unit of product	%	9

KPI	Unit	2025
Percentage of employees assessed on health and safety issues	%	100
Social insurance coverage rate	%	100
Coverage rate of procurement staff trained in sustainable procurement	%	100

Appendix: GRI Index

Disclosure	Disclosure Title	Section
GRI 2: General Disclosures		
2-1	Organizational details	About this report
2-2	Entities included in the organization's sustainability reporting	About this report
2-3	Reporting period, frequency and contact point	About this report
2-4	Restatements of information	Not applicable
Activities and Workers		
2-6	Activities, value chain and other business relationships	Company profile
2-7	Employees	Employee care and social responsibility - ESG performance table
2-8	Workers who are not employees	Green supply chain management - ESG performance table
Governance		
2-9	Governance structure and composition	Improving corporate governance structure
2-10	Nomination and selection of the highest governance body	Improving corporate governance structure
2-11	Chair of the highest governance body	Improving corporate governance structure

Disclosure	Disclosure Title	Section
2-12	Role of the highest governance body in overseeing impact management	Improving corporate governance structure
2-13	Delegation of responsibility for managing impacts	Improving corporate governance structure
2-14	Role of the highest governance body in sustainability reporting	ESG management
2-15	Conflicts of interest	Adhering to business ethics standards
2-16	Communication of critical concerns	Stakeholder engagement
2-17	Collective knowledge of the highest governance body	Improving corporate governance structure
2-18	Performance evaluation of the highest governance body	Improving corporate governance structure
2-19	Remuneration policies	Empowering employee growth and development
2-20	Process for determining remuneration	Empowering employee growth and development
2-21	Annual total compensation ratio	Employee care and social responsibility - ESG performance table
Strategy, Policies and Practices		
2-22	Statement on sustainable development strategy	ESG management
2-23	Policy commitments	See policy commitment sections under each topic
2-24	Integrating policy commitments	See policy commitment sections under each topic
2-25	Procedures for remediating negative impacts	Deepening risk and internal control system
2-26	Mechanisms for seeking advice and raising concerns	Stakeholder engagement
2-27	Compliance with laws and regulations	See compliance sections under each topic
2-28	Membership in associations	Key honors in 2025

Disclosure	Disclosure Title	Section
Stakeholder Engagement		
2-29	Approach to stakeholder engagement	Stakeholder engagement
2-30	Collective bargaining agreements	Creating a comfortable working environment
GRI 3: Material Topics		
3-1	Process for determining material topics	Dual materiality matrix analysis
3-2	List of material topics	Dual materiality matrix analysis
3-3	Management of material topics	Dual materiality matrix analysis
GRI 201: Economic Performance		
201-1	Direct economic value generated and distributed	Corporate governance and compliance management - ESG performance table
201-2	Financial implications and other risks and opportunities due to climate change	Scientific response to climate change
201-3	Defined benefit plan obligations and other retirement plans	Creating a comfortable working environment
GRI 205: Anti-corruption		
205-1	Operations assessed for risks related to corruption	Adhering to business ethics standards
205-2	Communication and training about anti-corruption policies and procedures	Adhering to business ethics standards
205-3	Confirmed incidents of corruption and actions taken	Adhering to business ethics standards
GRI 206: Anti-competitive Behavior		
206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	Adhering to business ethics standards
GRI 301: Materials		
301-2	Recycled input materials used	Improving environmental prevention and control

Disclosure	Disclosure Title	Section
301-3	Reclaimed products and their packaging materials	Improving environmental prevention and control
GR103: Energy		
103-1	Energy policies and commitments	Improving energy efficiency
103-2	Internal energy consumption and self-generated electricity	Improving energy efficiency
103-4	Energy intensity	Improving energy efficiency
103-5	Reduction in energy consumption	Improving energy efficiency
GRI 303: Water and Effluents		
303-1	Interactions with water as a shared resource	Improving environmental prevention and control
303-2	Management of water discharge-related impacts	Improving environmental prevention and control
303-3	Water withdrawal	Improving environmental prevention and control
303-4	Water discharge	Improving environmental prevention and control
303-5	Water consumption	Improving environmental prevention and control
GRI 304: Biodiversity		
304-1	Policies to halt and reverse biodiversity loss	Not applicable
304-2	Management of biodiversity impacts	Improving environmental prevention and control
304-3	Access and benefit sharing	Not applicable
304-4	Identification of biodiversity impacts	Not applicable
304-5	Locations with biodiversity impacts	Improving environmental prevention and control
304-6	Direct drivers of biodiversity loss	Not applicable
304-7	Changes in biodiversity status	Not applicable

Disclosure	Disclosure Title	Section
304-8	Ecosystem services	Not applicable
GRI 305: Emissions		
305-1	Direct (Scope 1) GHG emissions	Environmental management / ESG performance table
305-2	Energy indirect (Scope 2) GHG emissions	Environmental management / ESG performance table
305-3	Other indirect (Scope 3) GHG emissions	Environmental management / ESG performance table
305-4	GHG emission intensity	Addressing climate change scientifically
305-5	GHG emission reductions	Addressing climate change scientifically
305-6	Emissions of ozone-depleting substances (ODS)	Not applicable
305-7	Emissions of nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air pollutants	Not applicable
GRI 306: Waste		
306-1	Waste generation and significant waste-related impacts	Improving environmental prevention and control
306-2	Management of significant waste-related impacts	Improving environmental prevention and control
306-3	Waste generated	Improving environmental prevention and control
306-4	Waste diverted from disposal	Improving environmental prevention and control
306-5	Waste directed to disposal	Improving environmental prevention and control
GRI 308: Supplier Environmental Assessment		
308-1	New suppliers screened using environmental criteria	Building a responsible supply chain
308-2	Negative environmental impacts in the supply chain and actions taken	Building a responsible supply chain

Disclosure	Disclosure Title	Section
GRI 401: Employment		
401-1	New employee hires and employee turnover	Employee care & social responsibility / ESG performance
401-2	Benefits provided to full-time employees (not including temporary or part-time employees)	Creating a comfortable work environment
GRI 402: Labor/Management Relations		
402-1	Minimum notice periods regarding operational changes	Not applicable
GRI 403: Occupational Health and Safety		
403-1	Occupational health and safety management system	Strengthening career safety
403-2	Hazard identification, risk assessment, and incident investigation	Strengthening career safety
403-3	Occupational health services	Strengthening career safety
403-4	Worker participation, consultation, and communication on occupational health and safety	Strengthening career safety
403-5	Worker training on occupational health and safety	Strengthening career safety
403-6	Promotion of worker health	Strengthening career safety
403-7	Prevention and mitigation of occupational health and safety impacts directly linked to business relationships	Strengthening career safety
403-8	Workers covered by an occupational health and safety management system	Strengthening career safety
403-9	Work-related injuries	Strengthening career safety
403-10	Work-related ill health	Strengthening career safety
GRI 404: Training and Education		
404-1	Average hours of training per year per employee	Employee care & social responsibility / ESG performance table
404-2	Programs for upgrading employee skills and transition assistance programs	Empowering employee growth and development
404-3	Percentage of employees receiving regular performance and career development reviews	Empowering employee growth and development

Disclosure	Disclosure Title	Section
GRI 405: Diversity and Equal Opportunity		
405-1	Diversity of governance bodies and employees	Embracing diversity and inclusion
405-2	Ratio of basic salary and remuneration between women and men	Employee care & social responsibility / ESG performance table
GRI 406: Non-discrimination		
406-1	Incidents of discrimination and corrective actions taken	Not applicable
GRI 407: Freedom of Association and Collective Bargaining		
407-1	Operations and suppliers where the right to freedom of association and collective bargaining may be at risk	Not applicable
GRI 408: Child Labor		
408-1	Operations and suppliers at significant risk for incidents of child labor	Not applicable
GRI 409: Forced or Compulsory Labor		
409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor	Not applicable
GRI 410: Security Practices		
410-1	Security personnel trained in human rights policies or procedures	Not applicable
GRI 411: Rights of Indigenous Peoples		
411-1	Incidents of violations involving rights of indigenous peoples	Not applicable
GRI 414: Supplier Social Assessment		
414-1	New suppliers screened using social criteria	Building a responsible supply chain
414-2	Negative social impacts in the supply chain and actions taken	Building a responsible supply chain
GRI 415: Public Policy		
415-1	Political contributions	Not applicable

Disclosure	Disclosure Title	Section
GRI 416: Customer Health and Safety		
416-1	Assessment of the health and safety impacts of product and service categories	Improving environmental prevention and control
416-2	Incidents of non-compliance concerning the health and safety impacts of products and services	Not applicable
GRI 417: Marketing and Labeling		
417-1	Requirements for product and service information and labeling	Delivering excellent product quality
417-2	Incidents of non-compliance concerning product and service information and labeling	Not applicable
417-3	Incidents of non-compliance concerning marketing communications	Not applicable
GRI 418: Customer Privacy		
418-1	Substantiated complaints concerning breaches of customer privacy and loss of customer data	Improving customer service mechanisms

Appendix: CASS-ESG 6.0 Index

Disclosure	Disclosure Title	Section
P Report Preface		
P1	Report Specifications	About this Report
P2	Executive Speech	General Manager's Address
P3	Company Profile	Company Introduction
E Environment		
E1	Climate Change Response	Addressing Climate Change Scientifically
E2	Pollution Prevention and Ecosystem Protection	
E2.1	Pollutant Emissions	Improving Environmental Prevention and Control

Disclosure	Disclosure Title	Section
E2.2	Waste Management	Improving Environmental Prevention and Control
E2.3	Ecosystem and Biodiversity Protection	Improving Environmental Prevention and Control
E2.4	Environmental Compliance Management	Improving Environmental Prevention and Control
E3	Resource Utilization and Circular Economy	
E3.1	Energy Utilization	Improving Energy Efficiency
E3.2	Water Resource Utilization	Improving Environmental Prevention and Control
E3.3	Circular Economy	Improving Environmental Prevention and Control
S Society		
S1	Rural Revitalization and Social Contribution	
S1.1	Rural Revitalization	Fulfilling Corporate Social Responsibility
S1.2	Social Contribution	Fulfilling Corporate Social Responsibility
S2	Innovation-Driven Development	Promoting Innovation-Driven Development
S3	Suppliers and Customers	-
S3.1	Supply Chain Security	Building a Responsible Supply Chain
S3.2	Equal Treatment of SMEs	Building a Responsible Supply Chain
S3.3	Product and Service Safety and Employees	Achieving Excellent Product Quality
S3.4	Data Security and Customer Privacy Protection	Improving Customer Service Mechanisms
S4	Employees	-
S4.1	Employee Rights Protection	Safeguarding Employee Legal Rights
S4.2	Occupational Health and Safety	Enhancing Occupational Health and Safety
S4.3	Career Development and Training	Empowering Employee Growth and Development

披露项	披露项标题	对应本报告的章节
G Governance		
G1	Sustainability-related Governance Mechanisms	-
G1.1	Sustainable Governance Mechanism	ESG Management
G1.2	Due Diligence	Adhering to Business Ethics Standards
G1.3	Stakeholder Communication	Stakeholder Communication
G2	Business Conduct	-
G2.1	Anti-Bribery and Anti-Corruption	Adhering to Business Ethics Standards
G2.2	Anti-Unfair Competition	Adhering to Business Ethics Standards
A Report Postscript		
A2	Key Performance Table	ESG Performance Table
A3	Indicator Index	Appendix GRI/CASS Index