HANERSUN

2025 Hanersun Technology Co., Ltd

Environmental, Social and Governance Report

CONTENTS

About this Report

This report is the second Environmental, Social, and Governance (ESG) Report published Hanersun Technology Co., Ltd. (hereinafter referred to as " Hanersun", "the Company" or "we"). It aims to systematically present the Company's strategic initiatives, specific practices, and performance outcomes in fulfilling corporate social responsibility and promoting sustainable development during the 2025 fiscal year, and to communicate our commitment to and progress in sustainable development to all stakeholders.

Time Frame

This report covers the period from January 1, 2025, to December 31, 2025. To enhance data completeness and continuity, some data extends beyond this period.

Reporting Reference

This report primarily references the following standards and guidelines

- The GRI Sustainability Reporting Standards published by the Global Sustainability Standards Board (GSSB)
- United Nations Sustainable Development Goals (SDGs)

Reporting Boundary

The scope of this report covers Hanersun and its subsidiaries. The correspondence between company names and their abbreviations is as follows:

Company	Address
Hanersun Technology Co., Ltd	Floor 10, building B4, No. 19, Suyuan Avenue, Jiangning District, Nanjing (Jiulong lake international enterprise headquarters park)
Hanersun Energy Co., Ltd.	Floor 10, building B4, No. 19, Suyuan Avenue, Jiangning District, Nanjing (Jiulong lake international enterprise headquarters park)
Hanersun Solar Co., Ltd.	Floor 10, building B4, No. 19, Suyuan Avenue, Jiangning District, Nanjing (Jiulong lake international enterprise headquarters park)
Hanersun Cleantech Co., Ltd.	No. 88, Hexie Rd., Jing County, Anhui, China
Tokyo, Japan	Mark Square Okachimachi, 3-15-3 Taito, Taito-ku, Tokyo, Japan
Hanersun EU B.V.	Fascinatio Boulevard 216 – 220 3065WB Rotterdam, Netherlands
Hong Kong, China	Level 54 Hopewell Centre 184, Queen's Road East, HK
Delaware, U.S.A	251 Little Falls Drive, Wilmington in New Castle Country
Lahore, Pakistan	Shop NO. 103, Floor-M1, EDEN Tower Gulberg-III
Melbourne, Australia	Unit 15,56 BUFFALO ROAD, GLADESVILLE,NSW 2111,AUSTRALIA.
Brazilian Africa	3rd Floor, Suite 31, 595 Rua do Paraíso, Paraíso, São Paulo - SP, 04103-001

Data Sources

The information and data in the report are sourced from Hanersun's original ledgers, company documents and audited statements, and some data are from the 2025 Annual Report. Unless otherwise stated, amounts in the report are presented in RMB.

Assurance of Reliability

This report has been considered and approved by the Board of Directors, and the Board of Directors and all directors of the Company warrant that there are no false records, misleading statements or material omissions in the contents of this report. Hanersun is responsible for the truthfulness, accuracy and completeness of the contents of the report.

Access to Reports

This report is published in both Simplified Chinese and English formats in a web-based electronic version. In case of discrepancies, the Simplified Chinese version of the report shall prevail. The electronic version can be downloaded from the Company's website (www.hanersun.cn).

Contact Us

If you have any comments or suggestions regarding this report, please contact us via the following methods:

Phone：

025-52791766

Email：

info@hanersun.com

Company Website：

www.hanersun.cn

Message from the Chairman

To our esteemed shareholders, partners, employees, and friends from all sectors of society:

Hello, everyone!

Over the past year, the global energy landscape has undergone profound reshaping, structural transformation has continued to deepen, and the international trade environment has become increasingly challenging, with industrial chain restructuring, technological iteration, and market competition intensifying by the day. The new energy industry now stands at a new starting point where opportunities and challenges intertwine. Amid this complex and ever-changing industry environment, Hanersun has consistently adhered to a long-term development philosophy, taking technological innovation as its core driving force and global expansion as its strategic direction, while continuously enhancing the company's overall competitiveness and capacity for sustainable development.

As a key player in the global new energy industry, Hanersun firmly believes that a company's development stems from market opportunities, is rooted in responsibility, and is ultimately driven by long-term value. In 2025, we will continue to deepen the integration of ESG principles into our business operations, continuously improve our environmental, social, and governance frameworks, and actively promote green manufacturing, technological innovation, global collaboration, and standardized governance. With a more robust and steady approach to development, we will adapt to industry changes and strive to contribute long-term value to the global energy transition and sustainable development.

Green Production, Innovation-Driven

Hanersun has consistently adhered to the development philosophy of "Green Production, Innovation-Driven," maintaining a focus on the R&D and application of high-efficiency N-type modules, energy storage systems, and integrated photovoltaic-storage solutions, while continuously expanding the boundaries of new energy application scenarios. In response to the global trend toward energy structure transformation, we continue to advance product efficiency, system intelligence, and solution diversification, providing customers with more stable, safe, and efficient green energy products and services.

At the same time, Hanersun is actively strengthening its smart manufacturing system and exploring more efficient, low-carbon, and intelligent production models. During the reporting period, the Company continued to advance the construction of "green factories." By optimizing production processes, upgrading automated equipment, and enhancing energy management and resource recycling, we have continuously reduced energy consumption and carbon emissions in our production operations. The grid-connected operation of Phase I of the photovoltaic project at Hanersun's Anhui Smart Manufacturing Base, along with the addition of green infrastructure such as solar carports within the park, has further increased the proportion of clean energy used. Throughout the year, the park's photovoltaic systems generated a cumulative total of approximately 2,800,000 kWh of electricity, which is expected to reduce carbon dioxide emissions by about 1,600-1,800 metric tons. The Company's production capacity, smart manufacturing capabilities, and global delivery capacity have continued to strengthen.

People-Oriented, Collaborative and Win-Win

Hanersun has always adhered to the development philosophy of "People- Oriented, Collaborative Win-Win," continuously focusing on employee growth, industrial synergy, and the creation of social value, and striving to build a more open, inclusive, and sustainable development ecosystem.

Over the past year, the Company has continued to refine its talent development and career advancement systems, actively conducting training in professional skills, workplace safety, and ESG-related topics. During the reporting period, the Company maintained 100% safety training coverage, consistently creating a safe, healthy, and equitable work environment for employees. The Company continues to promote diversity and inclusion, actively providing employment opportunities and career support for people with disabilities, and improving accessible office environments and employee care mechanisms.

As its global footprint continues to expand, Hanersun is continuously strengthening its international talent pool and enhancing its localized service capabilities, while deepening long-term partnerships with global customers, suppliers, and partners. Over the past year, the Company registered its Brazilian subsidiary to accelerate market expansion in Latin America and strengthen its global service capabilities and brand influence.

In terms of social responsibility and public welfare, the Company continues to focus on development needs in areas such as education, community, and the environment, and actively participates in public welfare activities and social development. By the end of 2025, the Company had cumulatively provided more than 100 local jobs and organized four public welfare and community activities throughout the year, consistently fulfilling its corporate social responsibilities.

Seeking Progress Amid Stability, Upholding Our Responsibilities

Hanersun has always adhered to the governance philosophy of "Seeking Progress Amid Stability, Upholding Our Responsibilities," continuously improving its modern corporate governance system and constantly enhancing its global operational capabilities, risk management capabilities, and sustainable development governance standards.

Facing a complex and ever-changing international market environment, the Company has continued to strengthen the development of its ESG governance framework, further refined its internal control and risk management mechanisms, and enhanced its capabilities in supply chain management, information security management, and compliance operations, thereby continuously improving the standardization, transparency, and soundness of corporate governance.

During the reporting period, the Company continued to strengthen coordinated ESG management across its supply chain, driving continuous improvement among suppliers in areas such as the environment, safety, compliance, and social responsibility, thereby further enhancing the stability and sustainability of its global supply chain system.

Looking ahead, the new energy industry will enter a phase of higher-quality development. Hanersun will continue to drive industrial upgrading through technological innovation, promote low-carbon development through green manufacturing, expand industrial value through global collaboration, and enhance the Company's long-term competitiveness through ESG management.

Every bit of trust is worth cherishing, and every step of our growth is made possible by the support and partnership of all our stakeholders. Moving forward, Hanersun looks forward to continuing to work hand in hand with global customers, partners, and all sectors of society to jointly explore a cleaner, more efficient, and more sustainable energy future, and to contribute even more solid efforts to advancing global green development.Once again, we extend our sincere gratitude to our shareholders, partners, employees, and friends from all sectors of society for your continued support and trust!

Chairman of Hanersun

Liu Yunzhou

ESG Annual Highlights

Environment

- Greenhouse gas (GHG) emissions intensity decreased by **9.1**% **year over year**
- **100**% of major operating sites obtained ISO 14001 Environmental Management System certification
- Waste compliance disposal rate reached **100**%
- **Zero** environmental violations or penalties were recorded

Alignment with UN SDGs

Social

- Average employee training reached **36.02 hours per employee**
- Women represented **47.05** % of management personnel
- **100**% of employees participated in performance appraisals
- R&D investment amounted to **23.03** million yuan
- The Company had **798 suppliers** in total
- Average ESG training provided to suppliers reached **12** hours
- Customer satisfaction score reached **98.5** points
- **Zero incidents** involving child labor, forced labor, discrimination, harassment, or other human-rights violations were reported, including violations of modern slavery-related laws and regulations in any country or region

Alignment with UN SDGs

Goverance

- Total anti-bribery and anti-corruption training for full-time employees reached **6,016** hours
- **Zero** legal proceedings concerning anti-competitive conduct, antitrust violations, or monopolistic practices
- **Zero** confirmed incidents of corruption
- **Zero** marketing compliance violations
- **Zero** information security incidents

Alignment with UN SDGs

About Hanersun

Company Profile

Hanersun is a global leading provider of PV and energy storage product R&D, intelligent manufacturing, and integrated energy solutions. The Company focuses on advanced high-efficiency technology pathways and was among the first in the industry to launch 600W+ and 700W+ PV module products, continuously driving the upgrading of the PV industry through technological innovation. The Company's corporate headquarters is located in Nanjing, China, with branch offices established in the United States, Europe, Japan, Australia, Brazil, Pakistan, and other countries, serving local markets through localized operational teams. As of December 31, 2025, the Company's global cumulative module shipments have exceeded 16GW, with 900MW of PV power plants developed and constructed. Its energy storage products have achieved strong sales in the European market, and its business network covers over 100 countries and regions worldwide, with more than 1,000 industry-leading partners.

Corporate Culture

Hanersun takes its corporate vision and corporate mission as the value benchmarks for the Company's strategic decision-making and daily operations, guiding the Company to continuously deepen its commitment in the clean energy field.

Corporate Vision

Focus on core business, drive innovation, and strive to become a global leader in clean energy

Corporate Mission

Make affordable PV accessible to all, creating a better life for customers, employees, and society

The development history of Hanersun dates back to 2015

In 2015

the Company was established in Hong Kong.

In 2017

it fully implemented its globalization strategy, successively establishing branch offices in Japan, the United States, Pakistan, and Europe, initially building a cross-national operational system.

In 2020

the Company's module products ranked in the top 10 in export volume to the Southeast Asian market, officially growing into a mainstream global PV module supplier.

In 2021

the Company's bifacial double-glass 600W+ module shipments ranked in the global top 5 for the year.

In 2022

the Company formally entered the PV and energy storage sector, establishing an energy storage company, and ushering in a new development stage driven by the dual engine of "PV + Energy Storage".

In 2023

the Company completed production line upgrades, fully transitioning into the N-type technology era, and was listed in Bloomberg New Energy Finance (BNEF)'s Tier 1 PV Module Manufacturer List.

In 2024

the Company established a PV and energy storage manufacturing base in Anhui, adding 5GW of new-quality production capacity, and was recognized as a Kiwa PVEL "Top Performer" module manufacturer.

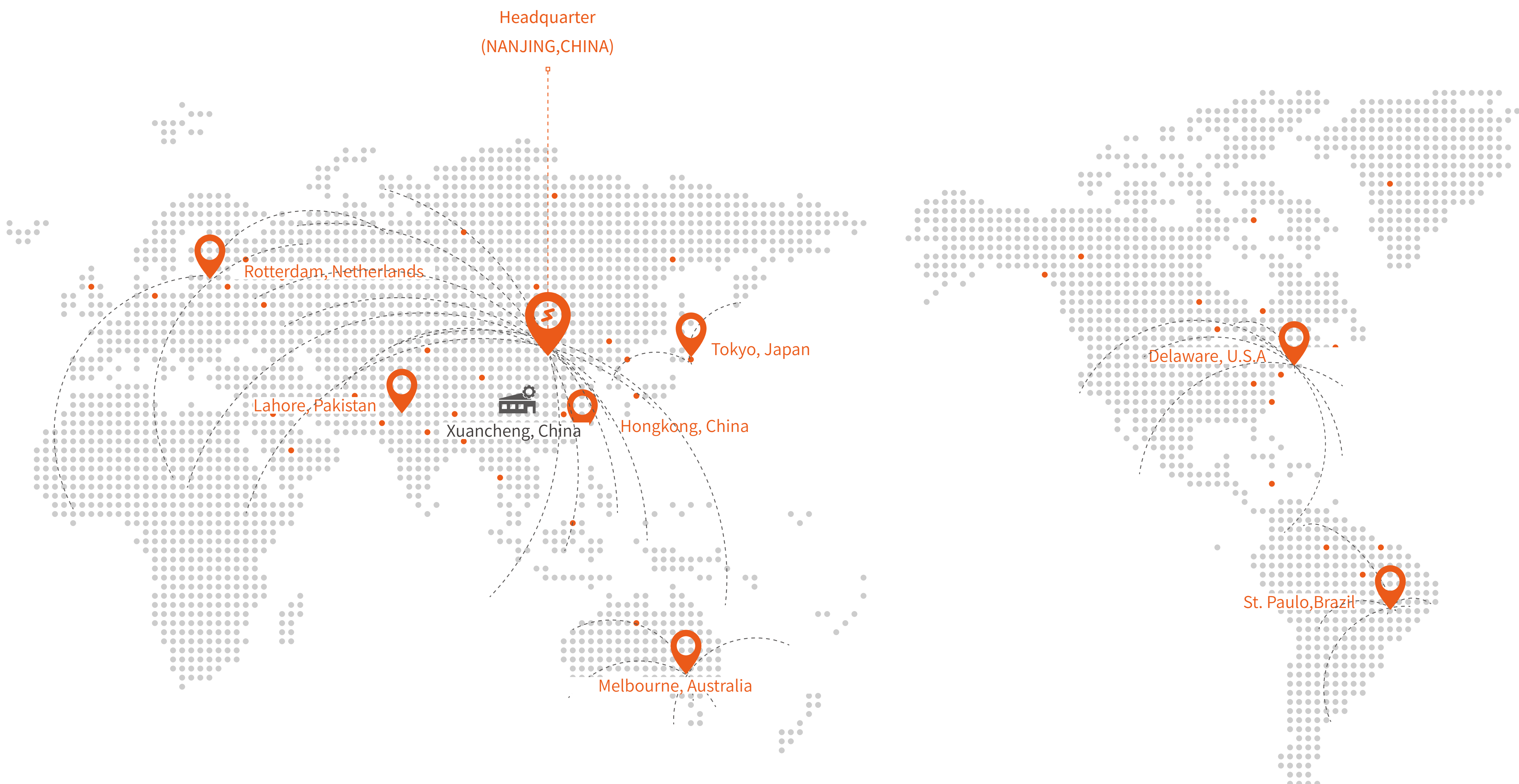
In 2025

the Company was named in the PV ModuleTech Bankability Rankings, with cumulative energy storage system shipments reaching 300MWh.

Strategic Layout

Hanersun has established an operational network with its Nanjing headquarters as the core, radiating to major global PV markets. The Company has established a Nanjing management center and an Anhui manufacturing base within China, and eight branch offices overseas, covering major clean energy markets including Asia-Pacific, Europe, North America, Oceania, the Middle East, and South America.

The globalized layout enables Hanersun to stay close to end customers, respond quickly to regional market demands, and effectively diversify the operational risks of a single market. Domestic subsidiaries undertake R&D management, production manufacturing, and operational support functions; overseas subsidiaries are responsible for regional market development, localized sales, and customer service.



The Company encompasses three core business segments: PV modules, Energy Storage Systems (ESS), and integrated energy services.

Business Portfolio

PV Module Business

Covering the entire chain of R&D, production, and sales

Product lines include HITOUCH 5N (182mm TOPCon), HITOUCH 6N (210mm TOPCon), HITOUCH Qingyun Series (flexible modules), and HITOUCH BC Series, serving diverse application scenarios including large-scale ground-mounted power plants, commercial & industrial (C&I) distributed systems, and residential PV

Energy Storage System (ESS) Business

Covering R&D, production, sales, and project development

Cumulative ESS shipments reaching 300MWh

Energy Services Business

Covering project development, design, financing, EPC management, and O&M services

Honors and Recognition

During the reporting period, the Company won multiple prestigious industry honors and professional awards, with continuous improvement in industry recognition.

Top 100 Solar PV Brands in the World

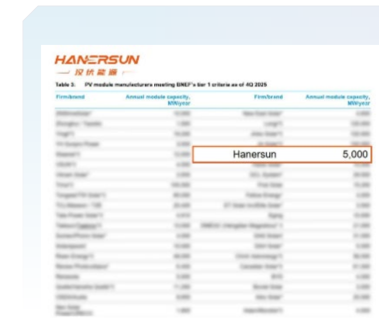
PVBL

Best Brand Promotion PV & ES Industry 2025

PVBL

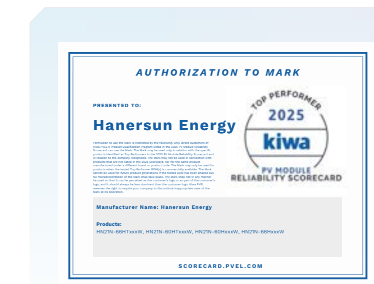
Most Innovative Enterprise In PV & ES Industry 2025

PVBL



2025 Global PV Module Tier 1 Manufacturer List

BloombergNEF (BNEF)



PVEL-2025

Kiwa.PVEL-2025

Q1 2025 PV ModuleTech Bankability Rating CCC+

PV ModuleTech

Solar Cup 2025 Most Influential PV Module Enterprise

Solarbe

2025 Most Innovative PV Module Enterprise & 2025 C&I PV Brand Influential Enterprise of the Year

PV Industry Network & Energy Storage Industry Network

Anhui Province Specialized, Refined, Innovative (SME) Enterprise

Government Authorities

2024 Xuancheng High-Quality Economic and Social Development Contribution Award - Advanced Group

Government Authorities

2024 High-Quality Development 'Comparison, Innovation, Competition' Contribution Award - Advanced Group

Government Authorities

Jing County Disability Care & Assistance Caring Organization

Government Authorities

Manufacturing Development 'Top Ten Fastest' Award

Government Authorities

Anhui Province High-Tech Enterprise

Government Authorities

The Company actively joins external initiatives and industry associations. As a member of the China Photovoltaic Industry Association (CPIA), leveraging the Association's platform, it closely monitors industry development trends and policy directions, and actively participates in standard formulation, technical exchange, and sustainable development-related work. Through in-depth collaboration with government agencies and upstream and downstream enterprises, the Company further works with the industry to jointly promote the green energy transition and technological advancement. At the same time, the Company will utilize Association resources to continuously optimize its management level and ESG performance, strengthen compliance operations and social responsibility fulfillment, and contribute to achieving the "dual carbon" goals and building a clean, low-carbon energy system.

Sustainability Management

ESG Governance Structure

To ensure the efficient advancement and continuous optimization of environmental, social, and governance (ESG) initiatives, the Company has established a systematic and comprehensive tiered governance structure with clearly defined responsibilities. As the highest decision-making body, the Board of Directors exercises overall control over the strategic direction of sustainable development and oversees the overall operation and effectiveness of the ESG system. The ESG Committee, established under the Board, serves as the core coordinating body, leading the formulation of ESG policies and objectives, and comprehensively coordinating the work and performance evaluations of various specialized committees.Under the unified direction of the ESG Committee, the Company has established four specialized committees focused on the four core areas of environmental compliance, business ethics, supply chain management, and employee well-being, to comprehensively deepen ESG governance practices:

Board of Directors (Decision-making)

ESG Committee

Management

EHS Committee & Energy Conservation and Emission Reduction Committee

focusing on environmental compliance, energy and emission management, occupational health and safety, to promote the Company's green operations and low-carbon transformation

Compliance and Ethics Committee

covering business ethics, science and technology ethics and internal control, committed to improving the Company's clean operation level

Sustainable Procurement Committee

strengthening supply chain management, customer service and product quality, to ensure the construction of a sustainable value chain

Employee Welfare Committee

focusing on salary and benefits, employee training and development, performance appraisal, etc., to create a fair, diverse and inclusive working environment

ESG Strategy

Integrity in business
Robust governance
Transparency

H onor
IN GOVERNANCE

Technological breakthroughs
Product advancement
Smart manufacturing

N ext
GENERATION INNOVATION

Employee care
Community contribution
Public welfare

S upport
FOR COMMUNITIES

Climate action
Environmental management
Green manufacturing

G reen
ACTION FOR THE PLANET

Stakeholder Engagement

Hanersun is committed to building a comprehensive stakeholder communication mechanism. In our daily operations, we have established dedicated communication channels tailored to the distinct characteristics of shareholders and investors, government and regulatory bodies, customers, employees, partners, the media, the public, and local communities.We actively listen to feedback from all sectors, transforming reasonable requests into momentum to optimize our development strategy and drive the synergy between business value and sustainable development. To this end, we have summarized the core concerns of each major stakeholder group and our regular communication channels as follows:

Stakeholders	Areas of Concern and Expectations	Communication Methods and Responses
Government and Regulatory Authorities	■ Risk and Compliance Management ■ Business Ethics ■ Community Engagement ■ Environmental Compliance Management ■ Addressing Climate Change ■ Energy and Resource Use ■ Emissions and Waste Management ■ Green Ecology	■ Regulatory Meetings ■ Site Visits ■ Disclosure Reports
Shareholders and Investors	■ Technological Innovation ■ Data Security and Privacy Protection ■ Risk and Compliance Management ■ Corporate Governance	■ Ongoing Online and Offline Communication ■ Shareholders' Meeting ■ Annual Business Conference ■ Information Disclosure Reports
Clients	■ Technological Innovation ■ Product Quality and Safety ■ Customer Service ■ Data Security and Privacy Protection	■ Customer Satisfaction Surveys ■ Customer Technical Workshops ■ Customer Visits ■ In-person exhibitions ■ Online meetings and communication
Employees	■ Product Quality and Safety ■ Occupational Health and Safety ■ Employee Training and Development ■ Employee Rights and Benefits	■ Employee Activities ■ Various types of vocational training ■ Internal communication channels such as phone, email, and meetings ■ Performance Evaluation and Assessment Mechanisms ■ Employee Complaint and Whistleblower Mechanisms
Suppliers and Partners	■ Product quality and safety ■ Sustainable supply chain ■ Customer Service ■ Business Ethics ■ Occupational Health and Safety	■ Strategic Partnerships ■ Daily communication via phone and email ■ Supplier Evaluation and Assessment Mechanism ■ Supplier Training ■ Grievance and Reporting Mechanism
Media and Industry Organizations	■ Data Security and Privacy Protection ■ Product Quality and Safety ■ Risk and Compliance Management ■ Environmental Compliance Management ■ Business Ethics	■ Industry Forums ■ News Coverage ■ Industry Technical Exchange ■ Disclosure Reports
Community	■ Community Contributions ■ Business Ethics ■ Environmental Compliance Management	■ Participation in Public Welfare Activities ■ Daily Phone Communication ■ Disclosure Reports

Materiality Analysis

To ensure that its ESG report accurately reflects the core priorities of the Company's sustainable development, Hanersun has established a scientific materiality analysis process aligned with international standards and industry best practices. This process encompasses four key stages—issue identification, stakeholder engagement and research, dual assessment, and results validation—and is designed to precisely focus on core issues that have a profound impact on the Company's own operations and its stakeholders.

Issue Identification

The Company conducted an in-depth benchmarking against authoritative international frameworks such as the United Nations Sustainable Development Goals (SDGs), the Global Reporting Initiative (GRI), and the Sustainability Accounting Standards Board (SASB). By integrating the focus areas of leading ESG rating agencies, best practices within the industry, and the Company's own strategic planning, we comprehensively reviewed and identified 18 highly relevant potential issues spanning the three dimensions of environment, social, and governance.

Stakeholder Engagement

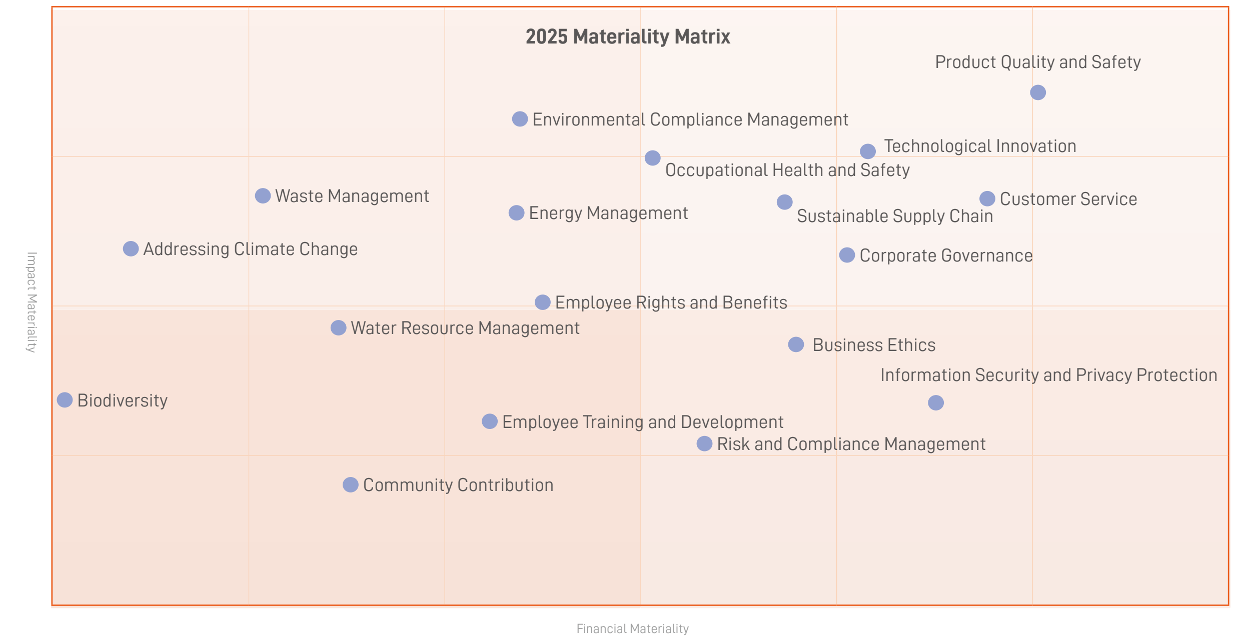
Leveraging diverse, dedicated communication channels established for various stakeholder groups—including employees, customers, suppliers, shareholders and investors, regulatory authorities, and company management—we continuously gather and listen to their concerns to gain a comprehensive understanding of how different stakeholders objectively assess the importance of each issue.

Issue Assessment

Based on the results of extensive stakeholder engagement, the Company adopted the "double materiality" principle to conduct an in-depth assessment of each issue across two dimensions: first, evaluating the impact of the issue on the Company's financial performance and strategic implementation; second, assessing the Company's potential impact on the external environment, society, and the economy regarding that issue. Through a cross-analysis of these two axes, a materiality matrix was constructed to scientifically identify high-priority issues.

Results Validation

The Company organized internal and external ESG experts, along with core management, to conduct a rigorous review of the assessment matrix, ensuring the rationality of the identification logic and the accuracy of the issue prioritization. The final list of material issues not only sets the tone for the information disclosure in this report but will also continue to provide directional guidance and a practical foundation for the Company's sustainable development strategy.



Theme »

Driving Energy Equity Through Tech Innovation

Empowering Talent and Governance | Driving Progress Through Tech Innovation

Hanersun has always adhered to driving development through technological innovation. As a certified National High-Tech Enterprise and an SRDI (Specialized, Refined, Differential and Innovative) Enterprise, the Company continues to increase resource allocation for R&D investment and process optimization, building an innovation system centered on a professional and experienced R&D team. Relying on its self-developed R&D platform, the Company continuously enhances its technological capabilities within the industry.

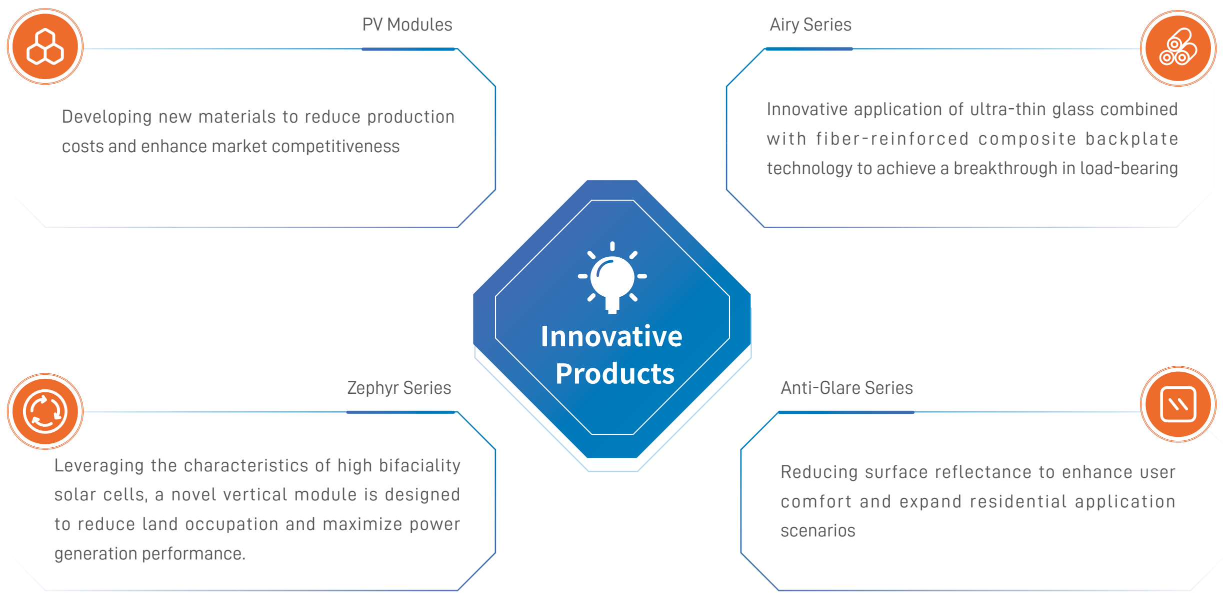
In 2025, the Company further refined its institutional framework by introducing five new core management documents. Among these, the technical system saw the introduction of the "Module Change Project Classification Table" and the "Sample Processing Management Process"; while the quality system established the "Photovoltaic Module Power Testing Management Measures," the "OEM Quality Management Process," and the "Photovoltaic Module Manufacturer Management System." By continuously strengthening its institutional foundation, the Company has effectively enhanced standardized control across all stages of technical development, testing management, and external collaboration, ensuring that all R&D and operational activities are conducted in accordance with established procedures and operate efficiently. This, in turn, helps downstream customers achieve efficient utilization of clean energy and their sustainable development goals.

Key Performance Indicators

- During the reporting period, the Company's R&D investment reached **23.03** million yuan
- a year-over-year increase of **44**%
- R&D investment accounted for **0.98**% of operating revenue
- the R&D team constituted **15.1**% of the Company's total workforce.

Innovating Products and Materials | Fulfilling Our Low-Carbon Commitment

The Company adheres to a research and development strategy that combines differentiation and customization, responding to market demand for efficient and flexible energy solutions through technological innovation. At the same time, focusing on complex application scenarios, the Company has launched five differentiated products—including light-gauge steel modules, flexible modules, and modules customized for Croatia—to meet installation and power generation needs in specific environments. In 2022, the Company took the lead in launching N-type 600W+ large-PV modules, becoming one of the first domestic companies to achieve mass production of 210mm modules, thereby validating the commercial value and reliability of ultra-high-power modules. In 2023, the Company upgraded its technology to a 700W+ power platform and simultaneously introduced frameless double-glass modules, which gained recognition from European distribution channels thanks to their unique encapsulation and installation processes. In 2024, the Company achieved a technological breakthrough in lightweight modules, overcoming installation bottlenecks on low-load-bearing roofs, while simultaneously launching rectangular wafer modules to maximize container space utilization and strictly control shipping costs. During the reporting period, the Company successfully developed composite-frame modules, significantly reducing production costs; shipments of these newly developed products reached over 24,000 units for the year.



The Company continuously refines its diversified PV product portfolio to address application pain points in various scenarios. The following products are designed for different application scenarios:

Product Series	Core Technical Features	Customer Pain Points Addressed	Typical Application Scenarios
HITOUCH Airy Series (Flexible)	Weighs only 8 kg—70% lighter than traditional models—and is flexible and bendable	Traditional modules are too heavy to be installed on building surfaces with limited load-bearing capacity	Curved roofs, carports, BIPV
Anti-glare modules	Reflected light intensity is 50% lower than traditional modules	Light pollution restricts project approvals near airports and highways	Near airports and along highways
HITOUCH Zephyr Series (Ultra-Light)	Weighs only 13.8 kg—35% lighter than traditional models—and measures less than 2 m^2	Insufficient roof load-bearing capacity and high labor costs for installation	Old factory buildings, light-gauge steel roof structures
HITOUCH BC Series	Temperature coefficient as low as -0.26%/°C; back-side metallization for heat dissipation	Rapid module degradation in high-temperature regions; hot spots cause power generation losses	Power plants in deserts and tropical high-temperature regions

The Company actively responds to the global vision of carbon neutrality and continuously improves resource utilization efficiency. It is actively advancing the "Cost-Reducing Materials Development" project. Throughout the year, the Company implemented optimization and upgrades for seven categories of key materials, covering core components such as aluminum frames, laminates, and EVA.

Weight Reduction and Emissions Reductiazaon

By introducing low-grammage laminates (380EPE) and low-acid EVA, we have optimized product performance while effectively reducing raw material consumption. Notably, the annual usage of low-acid EVA reached **170,000** square meters, significantly lowering the carbon footprint of the production process.

Resource Conservation

Through structural optimization of photovoltaic frames, the single-glass and double-glass aluminum frame projects have cumulatively saved **86** metric tons of aluminum (**11** metric tons for single-glass + **75** metric tons for double-glass), significantly improving the utilization rate of metal resources.

Exploration of the Circular Economy

We successfully introduced composite frame technology, with annual application reaching **330,000** sets, providing the industry with an alternative solution offering greater environmental benefits

Innovating Products and Materials | Fulfilling Our Low-Carbon Commitment

Hanersun has always regarded technological R&D and independent innovation as the core drivers of corporate development, continuously deepening the intellectual property portfolio for its innovative achievements, and establishing and refining systematic protection mechanisms for core technologies and proprietary information. The Company strictly complies with the Patent Law of the People's Republic of China, the Trademark Law of the People's Republic of China, the Madrid Agreement Concerning the International Registration of Marks, the U.S. Lanham Act, the European Union Trade Mark Regulation, the Trademark Act of Japan, and the Act on the Protection of Trade Marks and Other Symbols of Germany. It fully implements confidentiality requirements to effectively prevent the misuse, misappropriation, destruction, and disclosure of trade secrets, thereby ensuring the security and exclusivity of its technological assets.

In R&D practice, the Company actively promotes efficient collaboration between employees and the intellectual property management department, steadily advancing patent applications and the registration of R&D achievements to ensure that technological achievements are transformed into the Company's core competitive advantages in a lawful, compliant, and efficient manner.

Key Performance Indicators

the Company had accumulated **110** authorized patents

including **15** invention patents

58 utility model patents

and **37** design patents

Patent Title: Welding Device for Photovoltaic Panel Junction Boxes and Welding Control Method

Patent Type: Invention Patent

This invention relates to the field of junction box welding technology, with its core focus on a highly efficient welding device and control method. Through the coordination of support components and bearing components, the device can stably support and process junction box bodies (containing metal plates and leads) in batches. At the same time, the device innovatively integrates an alternating loading mechanism, a synchronization assembly, and a drive assembly, enabling rapid flow during loading and unloading operations. In particular, the precise coordination between the drive assembly and the support assembly allows the clamping mechanism to adjust its position flexibly and quickly, significantly improving overall production efficiency while ensuring welding accuracy and stability.

Patent Title: Photovoltaic Module Frame and Photovoltaic Panel

Patent Type: Invention Patent

This invention discloses a highly adaptable photovoltaic module frame and photovoltaic panel. The core of this device lies in its innovative spacing adjustment mechanism: inside the adjustment box, rotating the adjustment shaft drives the gears to turn, precisely meshing with the adjustment tooth plates on both sides to flexibly control the spacing between the two frame bodies. At the same time, the guiding design of the slide slots and sliders ensures a smooth and seamless adjustment process.This design allows the frame to easily accommodate photovoltaic panels of different sizes; not only is operation extremely simple, but it also significantly enhances the device's versatility and scope of application.

Co-Creating Industry Standards | Driving Collaborative Innovation

Hanersun actively promotes high-quality development in the photovoltaic industry and continuously supports the advancement of industry standardization.During the reporting period, HANERSUN was deeply involved in the formulation of the national standard "Ground-Mounted Photovoltaic Modules—Design Qualification and Type Approval—Part 1-1: Special Requirements for Testing Crystalline Silicon Photovoltaic Modules." Administered by the National Technical Committee for Solar Photovoltaic Energy Systems Standardization (TC90), this standard aims to further standardize the design qualification and testing requirements for crystalline silicon photovoltaic modules, thereby enhancing product quality and reliability as well as the industry's technical standards.

Leveraging its technical expertise in the research, development, manufacturing, and application of photovoltaic modules, Hanersun collaborated with industry organizations, research institutes, and supply chain partners to facilitate the translation of advanced technical expertise into standardized outcomes. Through these efforts, the Company contributes its professional expertise to enhancing industry quality management, promoting the standardized development of the photovoltaic sector, and advancing the global transition to green energy.

Good Governance as Foundation

Improving the Governance System

01

UN SDGs Alignment with the UN SDGs

Corporate Governance

Governance Structure

Hanersun strictly abides by the Company Law of the People's Republic of China and other laws and regulations, and has formulated the Articles of Association of Hanersun Technology Co., Ltd. The Company has established a standardized and well-ordered corporate governance structure with clearly defined responsibilities, forming a governance pattern in which the authority body, decision-making body, and supervisory body mutually check and balance each other and operate in a coordinated manner.

The corporate governance structure comprises the Shareholders' Meeting, the Board of Directors, and the Supervisor. The Shareholders' Meeting serves as the supreme authority of the Company, exercising decision-making power over major matters in accordance with the law, including the Company's operating policies, investment plans, election and replacement of directors and supervisors, and amendments to the Articles of Association. During the reporting period, the Company convened 4 annual general meeting of shareholders, at which 93 proposals were reviewed and approved, including the annual operating plan, financial budget and final accounts, and work reports of the directors and supervisors.

During the reporting period

- the Company convened **4** annual general meetings of shareholders
- at which **93** proposals were reviewed and approved

Governance Level	Organizational Composition	Formation Method	Core Responsibilities
Authority Body	Shareholders' Meeting	Composed of all shareholders	Determine business policies and investment plans; elect and replace directors and supervisors
Decision-Making Body	Board of Directors (3 members)	Elected by Shareholders' Meeting, three-year term	Execute resolutions of Shareholders' Meeting; formulate annual financial budget and final accounts; determine internal management structure
Supervisory Body	1 Supervisor	Elected by Shareholders' Meeting	Inspect company finances; supervise the performance of duties by directors and senior executives
Specialized Committees	Audit, Strategy, Nomination, Remuneration and Assessment	Convened by Independent Directors	Provide professional decision-making advisory to the Board of Directors
Executive Management	CEO and 9 Functional Departments	CEO Responsibility System	Daily operations and strategic execution

The Board of Directors of the Company consists of three members, who are elected by the Shareholders' Meeting. Directors serve a term of three years and may be re-elected upon the expiration of their term. The Board of Directors shall have one Chairman, who is elected by the Shareholders' Meeting and is responsible for convening and presiding over Board meetings and representing the Company in signing important documents externally. The Company does not establish a Board of Supervisors; instead, it appoints one Supervisor, who is elected by the Shareholders' Meeting and performs supervisory duties in accordance with the law, supervising the conduct of directors and senior management in the performance of their corporate duties as well as the Company's finances.

Name	Gender	Position
Liu Yunzhou	Male	Chairman (Independent Director)
Sun Jingyu	Male	VP (Independent Director)
Wang Yong	Male	VP (Independent Director)
Wu Han	Female	Supervisor

At the executive management level, the Company practices a General Manager responsibility system, with the Chief Executive Officer (CEO) serving as the highest decision-making level for daily operations and strategic execution, comprehensively coordinating the Company's operational management. The Company has nine functional and business management departments covering key functional areas including overseas and domestic market operations, financial management, PV manufacturing, energy storage and power stations, marketing and branding, and human resources. Each business line has clearly defined division of labor and operates in synergy, forming an organizational management system with commensurate authority and responsibility and efficient operations

During the reporting period, the Company operated through management meetings, convening regular management meetings on a weekly basis to conduct thorough discussions and make decisions on daily operational and management matters. This high-frequency deliberation mechanism ensures that manage ment maintains timely awareness of and rapid response to the Company's operational dynamics.

Board Diversity

Hanersun attaches great importance to the diversity of Board composition. In the process of selecting directors, the Company comprehensively considers multiple dimensions including gender, age, cultural and educational background, professional experience, and skills to ensure that the Board possesses comprehensive professional perspectives and extensive decision-making experience. The Company will continue to promote Board diversity to support the Company in making scientifically prudent strategic decisions in a complex and ever-changing market environment.

Compensation Management

With respect to compensation management for directors and senior executives, the Company has established an objective and transparent compensation distribution mechanism. Compensation is determined based on a comprehensive evaluation of individual performance, Company performance, years of service, and scope of authority, ensuring that no director unilaterally determines their own compensation without fair and reasonable judgment, thereby preventing conflicts of interest and self-dealing. The Company has established a performance assessment management system, which objectively evaluates the work effectiveness of directors and senior executives through a systematic performance evaluation system, providing a basis for compensation adjustment and talent incentive.

Risk and Compliance Management

Risk and Compliance Management

Hanersun has established a systematic risk management framework, adopting a "Three Lines of Defense" model for risk prevention and control, with the Finance Department responsible for coordinating the Company's overall risk management efforts. The Three Lines of Defense model clearly defines the roles and responsibilities of each level in risk management: the first line of defense consists of various business departments, responsible for identifying, assessing, and controlling risks in their daily business activities; the second line of defense is undertaken by functional departments such as Finance, responsible for formulating risk management policies, establishing risk assessment standards, and aggregating and analyzing the Company's overall risk profile; the third line of defense comprises internal audit and external assurance bodies, which independently conduct audit supervision and evaluate the effectiveness of the first two lines of defense.

Hanersun concurrently completed the local tax filing of audit-related information for its overseas subsidiaries. The entire audit process was entrusted to third-party professional accounting firms for implementation, with unified comprehensive audit verification and issuance of compliance assurance reports. Overseas subsidiaries in the United States, Europe, Japan, and other regions completed formal declaration and filing of the 2025 audit status with their respective local tax authorities in accordance with local tax laws, ensuring that the Company's cross-border operations are fully compliant throughout the process and that documentation filing is complete and closed-loop. Based on the risk-oriented principle, the Company regularly conducts systematic scanning of internal and external environments to identify various risk factors that may affect the achievement of operational objectives. The Company has identified the following nine categories of risks and formulated targeted response measures:

Risk Category	Risk Description	Response Measures
Legal and Regulatory Change Risk	Delayed awareness of legal/regulatory updates resulting in non-compliant products	Key functional departments conduct annual identification, collection, review, and update of laws and regulations
Technological Environment Risk	Outdated processes and equipment leading to high costs	Continuously conduct technical upgrading and transformation of equipment
Competitive Market Risk	Industry downturn intensifying competition	Leverage existing product advantages to actively expand the market
Competitor Pricing Risk	Inaccurate analysis leading to overestimation or underestimation of competitiveness	Strengthen market information collection and analysis
Customer Demand Risk	Increasing customer expectations for quality standards, delivery timelines, and after-sales service	Strengthen communication with customers to meet quality standards
External Supplier Requirement Risk	Unstable raw material market and inconsistent delivery quality from suppliers	Develop annual procurement plans for bulk raw materials
Government Regulatory Intensity Risk	Increased regulatory oversight by government departments	Carry out relevant work in strict accordance with company rules and regulations
Internal Environment Risk	Unscientific performance management may lead to talent attrition	Establish objective and clear assessment criteria
Knowledge Management Risk	Disorganized knowledge management preventing effective transfer of professional knowledge assets	Establish a systematic knowledge management system

The above risk matrix covers the main dimensions of the Company's operations, reflecting the management's systematic thinking on risk management. Each responsible department conducts regular risk assessment and improvement work in accordance with established response measures to ensure the continued effectiveness of risk control measures

Compliance Management

Hanersun has incorporated compliance management into the Board of Directors' annual priority agenda, establishing a three-tier responsibility framework of "Board decision-making — Management execution — All-employee participation." Under this framework, the Board of Directors is responsible for deliberating and deciding on major compliance matters, management supervises the implementation of compliance policies, and each department implements specific compliance requirements in accordance with its respective business scenarios, forming a vertically integrated and horizontally coordinated compliance management network.

In accordance with ISO 37301:2021 Compliance management systems - requirements with guidance for use, the Company has formulated the Compliance Management Measures, and concurrently issued supporting specialized policies including the Compliance Management Measures for Business Partners and the Anti-Commercial Bribery Operation Guidelines to regulate compliant conduct in commercial activities. In terms of professional support for compliance management, the Company engages external law firms to provide contract review, policy consultation, and support for negotiations on major matters, leveraging external professional expertise to enhance the refinement level of compliance management.

The Company has established a dual-track supervision mechanism of "Compliance Audit + Discipline Inspection and Oversight," with a dedicated HR email address opened to encourage employees to report concerns in either real-name or anonymous manner. All whistleblowing leads are kept strictly confidential, and upon verification, will be dealt with seriously in accordance with relevant regulations. In terms of compliance training, employees receive compliance training during onboarding orientation, and the Company also regularly organizes specialized learning sessions incorporating typical industry cases to continuously enhance all-employee compliance awareness and behavioral self-discipline.

Key Performance

- During the reporting period, the company conducted **4** internal risk training sessions
- totaling **406** hours.

Compliance Management

Hanersun strictly complies with tax laws and regulations at home and abroad, including the Tax Collection and Administration Law of the People's Republic of China, the Enterprise Income Tax Law of the People's Republic of China, Japanese corporate tax, local corporate tax, inhabitant tax, corporate enterprise tax, consumption tax, withholding income tax, U.S. federal corporate income tax, state corporate income tax/franchise tax, employment tax, and EU Value Added Tax (VAT) and corporate income tax. The Company has formulated and implemented the Tax Management Policy to prevent tax risks, closely monitor changes in tax policies, and regularly conduct tax compliance operations and internal training to ensure the standardization and accuracy of tax treatment.

The Company maintains regular communication with tax authorities and actively cooperates with various tax inspections and filing requirements. During the reporting period, the Company did not experience any major tax violations, and its tax credit rating was Grade A, reflecting the Company's good performance in tax compliance.

Business Ethics

Anti-Corruption and Anti-Bribery

Hanersun maintains a zero-tolerance stance toward corruption and has formulated and issued the Anti-Corruption and Anti-Bribery Statement and Assurance, clarifying the Company's fundamental position and code of conduct regarding anti-corruption and anti-bribery. This policy requires all employees, management personnel, agents, and partners to strictly comply with applicable anti-corruption laws and regulations, and strictly prohibits offering or accepting any form of improper benefits to or from any government officials, partners, or third parties, including but not limited to money, gifts, travel expenses, and vouchers.

At the institutional level, the Company incorporates integrity in professional practice/compliance practice, anti-monopoly, and anti-unfair competition into the performance assessment scope, with collaborative supervision by the Human Resources and Administration Departments, and evaluates relevant behaviors in accordance with the Employee Handbook and performance assessment system. The Company has established clear provisions in the Employee Handbook regarding anti-commercial bribery, anti-corruption, and prevention of unfair competition practices. To address the risks of commercial bribery and corruption, the Company includes binding provisions in contracts. In key business processes and sensitive positions, the Company comprehensively implements integrity conduct standards and strengthens integrity commitments.

During the reporting period

- the Company did not experience any incidents of commercial bribery or corruption, nor any litigation or major administrative penalties resulting from unfair competition practices.

Anti-Money Laundering (AML) and Counter-Terrorist Financing (CTF)

Hanersun strictly complies with applicable laws and regulations on Anti-Money Laundering (AML) and Counter-Terrorist Financing (CTF) in the countries and regions where it operates, such as the U.S. Bank Secrecy Act (BSA), the USA PATRIOT Act, and the EU Anti-Money Laundering Directives (e.g., AMLD5, AMLD6). Based on authoritative global AML and CTF standards such as the International Standards on Combating Money Laundering and the Financing of Terrorism and Proliferation: The FATF Recommendations (also known as the "40 Recommendations"), the Company has established a risk-based AML and CTF compliance system. The Company implements the Anti-Money Laundering Policy Statement, which defines minimum compliance standards, governance structure, and control requirements, ensuring effective prevention of money laundering and terrorist financing risks in the Company's global business operations.

Grievance and Reporting Mechanism

To ensure the effective implementation of compliance management, the Company has established a multi-channel, multi-level grievance and reporting mechanism. Employees may report violations of discipline anonymously or by real name through telephone, email, and other means. The Company ensures that reported information is kept strictly confidential and handled in a timely manner, commits to strictly protecting the identity and safety of whistleblowers, and prohibits any retaliatory behavior. For malicious reporting, the Company will pursue legal accountability in accordance with the law.

Grievance and Reporting Channels

Tel：025-52791766
Email：complain@hanersun.com
Address: 10/F, Building B4, No. 19 Suyuan Avenue, Jiangning District, Nanjing

Business Ethics Training

Hanersun regards business ethics training as an important component of compliance management. New employees receive compliance training upon onboarding, covering core topics such as anti-corruption, anti-commercial bribery, and professional ethics. The Company regularly organizes thematic learning sessions combining typical industry cases, enhancing the relevance and effectiveness of training through scenario simulation, case study discussions, and other formats. During the reporting period, the total training hours provided to board members, management, and full-time employees were 24 hours, 320 hours, and 6,016 hours, respectively.

Information Security and Privacy Protection

Information Security

Hanersun attaches great importance to information security management and has established a security management system covering the full lifecycle of information assets. The Company clearly defines the responsible departments and personnel for information security management, and builds an information security protection system from three dimensions: policy, technology, and personnel, ensuring that information security work covers all aspects and levels of the Company's operations.

At the policy level

The Company has formulated information security management standards, making systematic provisions for information classification and grading, access control, storage and transmission security, backup and recovery, and other aspects.

At the personnel level

The Company establishes an information security responsibility system, assigning security responsibilities to specific positions and individuals.

At the technical level

The Company deploys technical protection measures such as firewalls, intrusion detection, and data encryption, implementing focused protection for core business systems and sensitive data.

Following best practices in information security management systems, the Company conducts regular information security risk assessments to identify potential threats and vulnerabilities, and formulates and implements targeted remediation measures. In parallel, the Company has established an emergency response mechanism for information security incidents, which defines clear incident classification criteria, response procedures, and resolution timelines, ensuring that in the event of a security incident, it can respond promptly, contain the impact effectively, and restore operations in a timely manner.

Privacy Protection

Hanersun strictly complies with relevant laws and regulations, including the Personal Information Protection Law of the People's Republic of China, the Cybersecurity Law of the People's Republic of China, the Personal Information Protection Law, and the EU General Data Protection Regulation (GDPR), implementing comprehensive protection of personal information of customers and employees. The Company follows the principles of legality, legitimacy, necessity, and good faith in collecting personal information, clearly informing data subjects of the purpose, method, and scope of collection before collection, and obtaining their consent.

In the use of personal information, the Company strictly restricts information access permissions, allowing only authorized personnel with business needs to access relevant data. In the storage of information, the Company adopts encrypted storage measures for sensitive personal information and implements data desensitization processing to reduce the risk of leakage. In the transmission of information, the Company uses secure transmission protocols to ensure the confidentiality and integrity of data transmission. The Company has established a personal information retention period management system, and upon expiration of the retention period, deletes or anonymizes personal information in a secure and thorough manner.

For customer information, the Company has formulated a dedicated customer privacy protection policy, strictly adhering to the "minimum necessary" principle in collecting and using customer information in daily operations, clearly defining the scope of collection, purpose of use, sharing restrictions, and protection measures for customer information. For employee information, the Company has established a personnel records management system, implementing graded protection for sensitive data such as employee identity information, salary information, and health information, ensuring that employee personal privacy is not infringed. During the reporting period, the Company did not experience any customer privacy breach incidents.

Information Security Training

Hanersun incorporates data security awareness cultivation into the all-staff training system, regularly organizing thematic training on information security and data protection, covering information security fundamentals, personal information protection regulatory requirements, data security operation standards, identification and prevention of common cyber threats, and other topics. Through training, the Company strengthens employees' data security responsibility awareness and risk prevention capabilities, requiring all employees to strictly comply with information security management systems in their daily work, properly handle data involving personal information, and promptly report any security risks. The Company conducts specialized training for personnel in key positions to enhance their ability to identify and respond to data security risks, ensuring that all security policies and measures are effectively implemented.

Green Development

Safeguarding a Low-Carbon Future

02

UN SDGs Alignment with the UN SDGs

6 CLEAN WATER AND SANITATION
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION

Addressing Climate Change

Hanersun attaches great importance to climate-related risks and opportunities. It conducts annual carbon emissions verification, establishes standardized processes for data collection, validation, and reporting, and implements comprehensive monitoring and management of direct and indirect greenhouse gas emissions within its operational scope, covering carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons (HFCs), and other types. During the reporting period, in accordance with the requirements of ISO 14064-3:2019 and the GHG Protocol Corporate Standard, the Company verified the 2025 organizational-level greenhouse gas emissions of Hanersun Technology Co., Ltd, Hanersun Energy Co., Ltd., and Hanersun Cleantech Co., Ltd.

At the same time, the Company actively explored pathways to reduce carbon emissions, focusing on measures such as green manufacturing, energy efficiency improvements, and the application of clean energy to lay a solid foundation for achieving a low-carbon transition.

During the reporting period

- Hanersun's Anhui factory was selected as a 2025 Xuancheng City Green Factory.

The evaluation criteria for the 2025 Xuancheng City Green Factory program are primarily based on the new national standard GB/T 36132-2025 General Rules for the Evaluation of Green Factories, which officially took effect on December 31, 2025. Additionally, applications for national-level Green Factory status must comply with the specific recommendations issued by the Ministry of Industry and Information Technology for that year. The evaluation covers five aspects: low-carbon energy use, efficient resource utilization, clean production, green products, and intensive land use. It emphasizes energy conservation and carbon reduction as well as quantifiable performance metrics, with a particular focus on performance in carbon management, digitalization, and efficient resource utilization.

In 2025

- the Company's greenhouse gas emission intensity was **0.0028** tCO_2e per piece
- a year-over-year decrease of **9.1**%.

Environmental Compliance Management

Environmental Management

Hanersun fully complies with national and local environmental protection laws and regulations, including the Environmental Protection Law of the People's Republic of China, and has established and implemented a standardized environmental management system in accordance with GB/T 24001-2016 Environmental management systems—requirements with guidance for use. The Company has compiled the Environmental Management Manual, designating the CEO as the top management representative for the environmental management system. It has clearly defined environmental management policies, environmental objectives, and guidelines for monitoring and controlling indicators, thereby laying a solid institutional foundation for the routine implementation of environmental compliance governance and the continuous improvement of environmental performance. As of December 31, 2025, all three of the Company's major operational sites have obtained ISO 14001:2015 environmental management system certification.

ISO 14001:2015 Environmental management system certification

Key Performance

- the Company's total environmental protection investment amounted to **2,006,700** yuan
- accounting for **0.085** % of operating revenue.

Environmental Risk Management

Hanersun has developed the Procedure for the Identification, Evaluation, and Control of Environmental Factors, with a scope covering all of the company's production and business operations, as well as the entire lifecycle of its products and supporting services. Combining process flow analysis and on-site investigation methods, the Company conducts comprehensive assessments based on dimensions such as occurrence time, status, and degree of environmental impact. It systematically categorizes six major types of environmental factors—air emissions, water discharges, solid waste disposal, soil contamination, consumption of raw materials and natural resources, and other environmental and community issues—to develop a standardized Environmental Factors Identification Table. Based on risk classification results, the Company implements targeted controls for significant environmental factors, ensuring the proactive identification and timely resolution of various environmental risks.

Energy and Resource Utilization

Energy Management

Hanersun has developed and implemented energy-management-system procedural documents and Energy and Resources Management Regulations in accordance with ISO 50001:2018 Energy Management System. It defines the responsibilities and division of authority across multiple departments including Human Resources & Administration, Technology & Process, Quality, Finance and production workshops, establishing a management framework featuring coordinated collaboration among centralised oversight, technological innovation, cost control and on-site implementation.The Company has established a long-management mechanism across five key dimensions—energy consumption quotas, metering and statistics, equipment operation and maintenance, process upgrades, and awareness campaigns—to refine daily energy-saving operational standards. Concurrently, energy-saving targets are allocated to each department and incorporated into management plans, supported by performance evaluation and incentive/disciplinary mechanisms, thereby establishing a closed-loop control model covering the entire process. As of December 31, 2025, Hanersun Cleantech Co., Ltd. obtained ISO 50001 Energy Management System certification.

ISO 50001:2018 Energy management system certificate

The Company has fully implemented a diverse range of energy-saving and consumption-reduction measures, continuously improving overall energy utilization efficiency. The Company has adopted an intelligent energy management system on its module production lines to monitor energy consumption in real time across all processes and optimize scheduling; in the cell welding process, infrared non-contact heating has replaced traditional hot-air heating, reducing energy consumption by 20%; the lamination process utilizes multi-chamber continuous laminators, improving heating efficiency by 35%, and a waste heat recovery system redirects heat from exhaust gases to heat the workshop, further reducing energy consumption.

The Company makes efficient use of clean energy and actively explores rooftop photovoltaic power generation models. The total installed photovoltaic capacity is projected to be 5.275 MWp, with an estimated annual power generation of 6 million kWh. Among these, the first phase of the distributed photovoltaic system has already been put into operation, utilizing 17,457 ㎡ of rooftop space. It employs an array of concrete piers and mounting brackets, with a total installed photovoltaic capacity of 2.7 MWp, with an annual electricity generation of 3.11 million kWh. This reduces carbon dioxide emissions by approximately 1,900 metric tons , saves over 900 metric tons of standard coal, and is equivalent to planting 150,000 trees; Phase II of the distributed photovoltaic project is currently under construction, with a total installed capacity of 2.575 MWp. Annual electricity generation is projected to be approximately 2.80 million kWh, and it is expected to reduce CO_2 emissions by between 1,600 and 1,800 metric tons annually.

Key Performance

- The total installed photovoltaic capacity is projected to be **5.275** MWp
- with an estimated annual power generation of **6** million kWh
- The first-phase distributed photovoltaic power generation capacity can reach **3.11** million kWh.
- The second-phase distributed photovoltaic power generation capacity can reach **2.80** million kWh.

Energy Management Measures

01	Establish energy consumption targets and implement quota-based energy consumption management.
02	Strengthen energy metering management and establish a sound energy statistics system.
03	Conduct regular inspections and maintenance of major energy-consuming equipment to ensure operational efficiency.
04	Promote the application of new technologies, processes, materials, and equipment for energy conservation and emissions reduction.
05	Optimize production processes to improve energy efficiency.
06	Conduct educational campaigns on energy conservation and emissions reduction to raise employees' awareness of energy conservation.

Case Hanersun Cleantech Co., Ltd.'s Phase II Distributed Photovoltaic Project

In December 2025, the groundbreaking ceremony for Phase II of Hanersun Cleantech Co., Ltd.'s Distributed PV Project (2.575 MWp) was successfully held. Hanersun Cleantech Co., Ltd. continues to lead the design and procurement for this project and is involved in the full-process management of its construction. The project exclusively utilizes Hanersun's high-efficiency N-type series modules. Specifically, the rooftop area will be equipped with HITOUCH 6N 610W bifacial rectangular modules, installed using a color-coated steel tile and sunroom configuration that expands usable space beyond power generation; the carport area will feature HITOUCH 5N 440W all-black bifacial modules, harmonizing power generation with architectural aesthetics. Furthermore, the integration of Hanersun's HNS 261K-125P commercial and industrial energy storage system will enable effective regulation and intelligent dispatch of the park's energy. By "shaving peaks and filling valleys," it will enhance energy self-sufficiency and system stability, creating a more stable, self-sufficient, and intelligent green energy system for the park. From the stable operation of Phase I of the Anhui facility to the multi-dimensional expansion of Phase II, the Company continues to put ESG principles into practice, deepening the integration of clean energy and industrial production, and contributing to high-quality and sustainable development in the industrial sector through safe, efficient, and intelligent solutions.

Water Resource Management

Hanersun strictly adheres to relevant laws and regulations, including the Water Law of the People's Republic of China and the Regulation on the Administration of the License for Water Drawing and the Levy of Water Resource Fees, and has established and implemented the Water Conservation Management System to systematically standardize water usage control across the entire company. The Company incorporates water usage metrics into its daily monitoring and performance evaluation systems, ensuring timely investigation and rectification of water-related issues. By establishing a long-term closed-loop management and improvement system, the Company steadily enhances the comprehensive utilization efficiency of water resources and fulfills its responsibility to conserve and protect water resources.

Responsibility for Water Management

Senior Management	Responsible for formulating the company's water management policies and ensuring their effective implementation.
Human Resources Department	Responsible for coordinating, guiding, and supervising water management company-wide.
All Departments	Responsible for overseeing water usage within their departments and reporting on water management status to their superiors.

The Company has comprehensively implemented a diverse range of water conservation and control measures, strictly controlling water consumption at the source and systematically reducing water wastage. All faucets, toilets, urinals, sinks, and showers used in the Company's office buildings and production facilities are water-saving fixtures, with a 100% installation rate of such fixtures.

Water Conservation Measures

Equipment Operation and Maintenance
Conduct routine maintenance and inspections of water-using equipment to ensure proper operation

Equipment Replacement
Regularly replace aging equipment with water-efficient models

Wastewater Reuse
Standardize wastewater recovery and reuse to reduce fresh water consumption

Rainwater Collection
Collect rainwater, treat it, and reuse it to increase the utilization rate of non-conventional water sources

Water Usage Monitoring
Install metering devices to monitor water usage data in real time and manage water consumption dat

The Company regularly organizes water management awareness campaigns and incorporates water conservation content into mandatory new employee orientation training to comprehensively reinforce water-saving principles and water resource conservation awareness among all employees.

Water Conservation Signs

Recirculating Water Cooling Towers

Three Waste Management

Waste Management

In accordance with relevant regulations such as the Standard for pollution control on the non-hazardous industrial solid waste storage and landfill and the Pollution Control Standards for the Storage of Hazardous Waste, Hanersun has established internal control documents including the Procedures for the Control of Pollutant and Waste Discharges and the Waste Management Measures. These documents clearly designate the factory's Human Resources and Administration Department to oversee the entire waste management process, including supervising waste disposal and coordinating with external stakeholders. The Company has established standardized management processes covering waste identification, classification, labeling, temporary storage, and disposal. In areas where large volumes of similar waste are generated, the Company has installed dedicated sorting bins; general waste is stored in separate zones according to recyclable and non-recyclable categories; and hazardous waste is collected separately, specially labeled, and stored in isolation, with standardized and harmless disposal carried out by third-party organizations possessing the appropriate qualifications.

During the reporting period

- the Company achieved a **100**% compliance rate for solid waste disposal
- a **100**% target achievement rate

Types of Waste

Hazardous Waste

- Waste fluorescent tubes, batteries, and other items generated by office activities
- Used motor oil contaminants, waste hazardous chemicals and their packaging, waste paint and its contaminants and packaging, waste electrical components, etc., generated by operations

General Waste

- Waste packaging materials, waste paper and newspapers, office trash, etc., generated by office activities
- Waste packaging, scrap equipment parts, offcuts, and trash generated by the event
- Household waste generated in the cafeteria and living quarters, etc.

Air Emissions Management

At Hanersun, production exhaust gases are primarily generated by vehicle operations, cafeteria operations, and processes such as cutting, welding, lamination, and curing. The main pollutants are particulate matter and total non-methane hydrocarbons. The Company uses a "baghouse dust collector + two-stage activated carbon adsorption unit" system to treat production exhaust gases, reducing emissions at the source.At the same time, the Company regularly commissions third-party organizations to conduct exhaust gas monitoring . Forklifts and company vehicles on the premises strictly adhere to an annual inspection system to ensure that pollution control equipment and on-site vehicles consistently meet emission standards, thereby continuously reducing the impact on the atmospheric environment.

Wastewater Management

Hanersun's wastewater consists primarily of domestic wastewater. The Company's domestic wastewater undergoes pretreatment in grease traps and septic tanks. Once it meets the Level III standards of the Comprehensive Wastewater Discharge Standard (GB8978-1996) or the acceptance criteria of the Qinxi Town Wastewater Treatment Plant, it is discharged through the municipal sewer system to the Qinxi Town Wastewater Treatment Plant for final treatment. At the same time, the Company commissions a third-party professional organization to conduct routine wastewater monitoring, comprehensively ensuring compliant wastewater discharge and strictly controlling risks to the aquatic environment. The Company strictly adheres to ecological and environmental laws and regulations to manage the entire wastewater treatment process, has established a standardized stormwater-sewage separation system on-site, routinely maintains and dredges the stormwater and sewage networks, strictly prohibits the direct discharge of sewage into stormwater pipes, and strictly prohibits the discharge of pollutants such as waste residue and oil into municipal sewer pipes, thereby ensuring the drainage system remains compliant and unobstructed.

Green Ecology

Hanersun attaches great importance to the potential ecological and environmental risks posed by its production and operational activities. According to ecological site audits and assessments, the Company's existing production bases and office premises are all located within industrial parks and urban planning zones. They do not occupy nature reserves, drinking water source protection areas, key ecological functional zones, or legally protected habitats for flora and fauna, and the Company's production and business operations have not caused any direct adverse impacts on regional biodiversity. Looking ahead to future business expansion, the Company will continue to strictly adhere to environmental protection laws and regulations as well as international initiatives on sustainable development. Prior to the implementation of new projects, comprehensive ecological impact assessments will be conducted during both the site selection and construction phases to minimize and mitigate disturbances to surrounding ecosystems caused by engineering activities. At the same time, the Company will continue to deepen the development of a green supply chain, routinely conduct environmental protection awareness campaigns, and collaborate with all stakeholders to jointly safeguard biodiversity, thereby contributing to the long-term sustainable development of the ecological environment.

People-First

Co-Creating a Better Future

03

UN SDGs Alignment with the UN SDGs

Employee Rights

Safeguarding Employee Rights

The Company consistently adheres to a "people-centered" talent management philosophy, is committed to building a fair, inclusive, healthy, and harmonious work environment, effectively safeguards employees' legitimate rights and interests, and promotes the mutual growth of employees and the enterprise. The Company has established policy documents such as the "Social Responsibility Commitment," making solemn pledges across ten areas: compliance with laws and regulations; the right to freedom of association and collective bargaining; anti-discrimination; wages and compensation; working hours; workplace health and safety; prohibition of child labor; prohibition of forced labor and punitive measures; environmental safety; and management systems. Among these, the anti-discrimination clause explicitly prohibits the Company from engaging in or supporting discriminatory practices based on race, social class, nationality, religion, physical or mental disability, gender, sexual orientation, union membership, political affiliation, or age; the prohibition on child labor stipulates that the Company shall not employ children under the age specified by local laws or those who have not completed compulsory education; and the prohibition on forced labor requires that employees not be forced to work and that they not be required to pay "deposits" or surrender their identification documents.

Key Performance Indicators

- the Company had a total of **267** full-time employees
- with women accounting for **47.05**% of management staff.

The Company adheres to the principles of fairness and impartiality in recruitment, hiring, promotion, training, and compensation management, providing employees with equal opportunities for development. It continuously fosters a corporate culture that respects differences and embraces diversity, ensuring that employees from diverse backgrounds receive fair treatment and equal opportunities for career advancement. During the reporting period, the Company strictly complied with relevant laws and regulations regarding employment and promotion, equal opportunity, anti-discrimination, child labor, and forced labor, and no violations occurred.

Hanersun places great importance on building democratic management mechanisms and actively establishes open platforms for employee communication and participation. The Company has established a Workers' Congress in accordance with the law, serving as a key channel for employees to participate in the Company's democratic management and express their concerns. During the reporting period, the Workers' Congress focused on issues directly affecting employees' interests, prioritizing the review and promotion of welfare-related matters—such as improving the quality of cafeteria meals—and effectively addressing employees' reasonable concerns.

Case　Hanersun Establishes a Trade Union

In 2025, Hanersun officially completed the formation of its trade union. Taking into account the needs of all employees and the Company's development, and in accordance with the relevant provisions of the *Trade Union Law* and the *Charter of the All-China Federation of Trade Unions*, the Company submitted an application to establish the trade union in June and convened its first members' (representatives') conference on the 25th of that month. Through a standardized election process, the first Trade Union Committee and Trade Union Chairperson were elected.The establishment of the trade union has built a bridge for communication and exchange between the Company and its employees. Moving forward, the union will earnestly fulfill its duties, fully safeguard the legitimate rights and interests of all employees, improve the system for protecting employee rights, enrich employees' cultural lives, foster team cohesion, help the Company build harmonious and stable labor relations, and promote joint progress and collaborative development between the Company and its employees.

Employee Compensation and Benefits

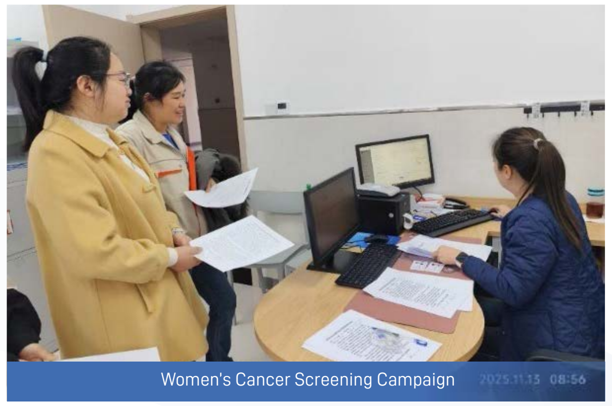
The Company has established a compensation, benefits, and incentive system based on regulations such as the "Compensation Management System." Compensation levels balance market competitiveness with internal equity, and the compensation and benefits standards for all frontline employees exceed the local minimum wage. The compensation structure consists of fixed income, variable income, and long-term incentives, supported by a comprehensive performance appraisal mechanism that covers multi-dimensional indicators including compliance and discipline, work performance, professional competence, and professional conduct. Appraisal results are directly applied to compensation adjustments and career advancement.At the same time, the Company implements equity incentive and employee stock ownership plans to establish a long-term mechanism for employees and the Company to share in the fruits of development, thereby enhancing employees' willingness to serve the Company over the long term and strengthening corporate cohesion.

The Company continuously refines its employee benefits system. Building upon the legal requirement to pay social insurance contributions and provide statutory benefits, it consistently expands its employee care initiatives. In addition to holiday gifts, the Company offers a diverse range of benefits, including work meals, occupational health checkups, annual physicals, team-building activities, and cultural and sports events. It actively promotes a healthy lifestyle by organizing employee activities such as the Yangtze River Delta Walking Event, thereby continuously enhancing employees' sense of well-being, belonging, and fulfillment.

Key Performance Indicators

- During the reporting period, employee satisfaction stood at **95**%.


3.8 International Women's Day Activities


Women's Cancer Screening Campaign


2025 Team-Building Event

Chinese New Year Gifts

Employee Development

Development Management

Hanersun has established a standardized human resources management system covering the entire employee career lifecycle. Through policy documents such as the "Recruitment Management System," "Employee Handbook," and "Training Management System," the Company has systematically standardized the full management process—from onboarding, employment, and job reassignment to resignation and retirement—ensuring that employment procedures are institutionalized and transparent.The Company adheres to the employment philosophy of "matching the right person to the right position and maximizing talent potential." In recruitment and promotion, it strictly follows the principles of fairness, impartiality, and transparency, eliminating any form of discrimination and safeguarding employees' right to compete on an equal footing along their career development paths.

Performance Management

In terms of performance management, the Company has established a scientific evaluation and incentive mechanism. Adhering to the principles of "transparency, objectivity, communication, and timeliness," it develops differentiated evaluation plans tailored to the characteristics of each position and conducts quarterly and annual performance evaluations that cover the entire process—from planning and communication to implementation and results assessment. During the reporting period, the performance evaluation coverage rate reached 100%. At the same time, the Company emphasizes performance feedback and two-way communication. Supervisors conduct regular performance reviews with employees, and employees can also provide feedback through various channels, such as the service hotline at 025-52791766 and the Company email.

Training and Development

The Company emphasizes the synergistic enhancement of employees' ethical standards and professional competencies. Through a systematic training framework and a regular performance feedback mechanism, it provides employees with clear career paths and growth support, thereby achieving the coordinated development of individual value and corporate strategy. The Company has established a management system that balances standardization with incentives. Training and development are incorporated as key performance indicators in managerial evaluations, encouraging employees to participate in internal training, external training programs, and continuing education. Training records and evaluation results are included in personnel files. Through a four-stage closed-loop process—"needs assessment—program design—implementation—effectiveness evaluation"—the Company enhances employees' professional capabilities and deeply aligns training outcomes with individual development and organizational goals.

Hanersun's 2025 Training Plan is guided by a systematic and professional approach, covering all employees. Closely aligned with the Company's strategic development and employees' growth needs, it encompasses multiple dimensions including management skills, professional skills, pre-employment training, safety knowledge, general skills, and specific system knowledge. The plan aims to comprehensively enhance employees' overall quality and job competence, providing a solid talent foundation for the Company's high-quality development.

Key Performance Indicators

- The Company planned to conduct a total of **178** training courses
- with an average training duration per employee of **36.5** hours
- and the annual training plan was **100**% completed

New Employee Orientation

Health and Safety

Workplace Safety Management

Hanersun consistently prioritizes the health and safety of its employees and adheres to the principle of "safety first, prevention-oriented, and comprehensive management." The Company strictly complies with the "Work Safety Law of the People's Republic of China," the "Anhui Province Work Safety Regulations," and other relevant laws and regulations. The Company has established an occupational health and safety management system in accordance with the ISO 45001:2018 standard and has formulated and officially issued a series of rules and regulations, including the "Work Safety Responsibility System," covering the entire process from risk identification, on-site control, hidden hazard remediation, emergency response, to safety education and training. Managers in charge of work safety, environmental protection, occupational health, and fire safety have all signed target management responsibility agreements. The Company has established a Work Safety Leading Group, which serves as the highest decision-making and supervisory body for safety management. It coordinates company-wide decision-making on major safety matters, the development of safety systems, the construction of a dual-prevention mechanism, the establishment of an emergency response system, and safety inspections and evaluations. At the same time, the Company has appointed full-time safety management personnel to routinely conduct on-site inspections, correct violations, track potential hazards, and assist in accident investigations. All employees, workers, and visitors must strictly comply with national laws and regulations as well as the Company's safety management systems to ensure the routine and standardized implementation of work safety measures.

Management

The General Manager serves as the Company's primary safety officer, overseeing the formulation of safety regulations, training plans, and emergency response plans; ensuring adequate safety funding; conducting regular safety inspections; and organizing emergency drills and accident response.

Functional Departments

The Company fully implements the "Three Simultaneities" requirement for safety; the Human Resources and Administration Department oversees safety in office areas, logistics, vehicles, cafeterias, and fire protection facilities, and organizes safety activities and daily comprehensive management;The Finance Department is specifically responsible for ensuring the allocation of safety funds, maintaining ledgers, and overseeing expenses; the Equipment Department is responsible for the safe operation, maintenance, inspection, and calibration of machinery, special equipment, and electrical facilities, as well as the management of special operations; the Technology and Process Department ensures the safety compliance of process procedures; the Planning and Materials Control Department focuses on controlling material storage, transportation, and the management of hazardous chemicals; the Quality Department identifies safety hazards in conjunction with quality inspection work and ensures compliance with product and operational safety standards.

Frontline Positions

Workshop supervisors and team leaders implement on-site safety management step by step, conduct pre- and post-shift inspections, provide safety training to teams, address safety hazards, and handle on-site emergency response; technicians, inspectors, warehouse clerks, forklift operators, production workers, and all other positions have clearly defined safety responsibilities, ensuring that every employee is accountable and fulfills their duties.

As of December 31, 2025

- the Company's three main operating sites have all obtained ISO 45001:2018 Occupational Health and Safety Management System certification.

ISO 45001:2018 Occupational Health and Safety Management System Certification

Hanersun Technology Co., Ltd | Hanersun Cleantech Co., Ltd. | Hanersun Energy Co., Ltd.

Hazard Identification and Risk Management

To effectively safeguard the lives and property of employees and enhance the Company's comprehensive management capabilities in responding to emergencies, the Company conducted a comprehensive review and updated its "Emergency Preparedness and Response Plan" in June 2025. Adhering to the core principles of "people-oriented, prevention-first, and comprehensive management," the plan addresses key risks in daily production and operations—such as fires, mechanical injuries, and electric shocks—by establishing an emergency rescue command system with clearly defined responsibilities and a "four-tier" dynamic response mechanism. By establishing a command center directly managed by senior leadership and multiple subordinate specialized task forces, the Company has achieved closed-loop management across the entire process—from early-stage hazard source early warning, through mid-stage efficient rescue operations, to post-incident recovery and restoration. The plan not only details standardized response procedures and first-aid guidelines but also strictly implements mechanisms for material support and coordinated emergency assistance, significantly strengthening the Company's ability to respond rapidly and make informed decisions when facing sudden safety challenges.

To put the "prevention-first" philosophy of the emergency plan into practice and reduce safety risks at their source, the Company has simultaneously and comprehensively implemented a dual-prevention mechanism consisting of graded safety risk control and hidden hazard identification and rectification. By routinely conducting hazard identification and risk assessments across the entire plant, the Company performs comprehensive inspections of operational activities, personnel operations, equipment and facilities, and the work environment, implementing classified control measures strictly according to risk levels;For high-risk hazards classified as Level 1 and Level 2, action plans are formulated immediately, and closed-loop corrective measures are implemented. In daily operations, this preventive mechanism is effectively enforced through weekly on-site safety inspections. These inspections focus on critical areas such as the storage of hazardous chemicals, explosion-proof facilities, fire safety and evacuation, electrical safety, forklift operations, and the use of personal protective equipment (PPE), ensuring that identified hazards are eliminated within the specified timeframe.To address common risks such as electric shock, mechanical injuries, chemical hazards, and fire, the Company employs a comprehensive approach combining engineering controls, on-site management, and personal protective equipment to strengthen prevention and control. Specifically regarding the management of hazardous chemicals, the Company has strictly standardized the storage and usage procedures for materials such as alcohol and flux, requiring them to be stored in designated zones with safety labels affixed, and uniformly housed in dedicated explosion-proof cabinets and hazardous chemical warehouses, thereby resolutely preventing mixed storage and non-compliant placement.At the same time, the Company has systematically identified various occupational hazard factors to effectively prevent and control occupational disease risks at their source. Through these measures, the Company has truly achieved comprehensive integration and seamless coordination across daily hazard inspections, dynamic risk management, and emergency response to unexpected incidents, providing a solid foundation for building a safe, healthy, and resilient operational environment.

Occupational Health Protection

The Company provides medical insurance for all employees in accordance with the law and strictly adheres to national and local standards regarding sick leave pay and medical assistance. It regularly organizes employee health checkups and occupational health monitoring for specific positions, thereby strengthening the institutional framework for occupational health protection.

The Company strictly implements occupational safety management requirements, issuing standard-compliant personal protective equipment (PPE) such as safety shoes, safety gloves, and protective masks , and supervising employees to ensure proper use and wear on the job. It comprehensively manages safety in areas such as office spaces, production workshops, warehouses, and cafeterias—including fire prevention, theft prevention, electrical shock prevention, protection against mechanical injuries, and prevention of burns and scalds—to safeguard employees' personal safety from all angles.

Safety Training and Capacity Building

The Company has incorporated safety education and training into its routine management practices, establishing annual specialized training plans to ensure a 100% participation rate in safety training. For new employees and those transferring to new positions, the Company strictly enforces a three-tier safety education system at the corporate, workshop, and work team levels, clearly defining training duration and assessment standards. Training content covers all aspects of safety knowledge:

- Work safety laws and regulations, the Company's work safety accountability system, and job-specific safety operating procedures;
- Proper use of personal protective equipment and firefighting equipment;
- Occupational health and safety knowledge, requirements for risk classification, control, and hazard identification and rectification;
- Specialized safety knowledge on heatstroke prevention, flood control, and disaster preparedness;
- Prevention and control skills for high-risk operations such as fire, explosion, and hazardous chemical handling;
- First aid skills, including emergency response, self-rescue and mutual aid, and wound care.

The Company regularly organizes emergency drills—including fire drills, hazardous chemical spill simulations, and warehouse fire drills—to strengthen employees' emergency response capabilities. Special operations personnel, such as forklift operators and electricians, are required to hold valid certifications and complete recertification on time; working without a valid certificate is strictly prohibited. All employees must strictly adhere to the "Four No-Harm" principle and resolutely eliminate violations such as unauthorized commands, unsafe work practices, and breaches of labor discipline.

Specialized Training on Safety Hazard Identification


Training on Operating Energy-Efficient Equipment

Case Hanersun Conducts Fire Emergency Drill

In July 2025, Hanersun (Anhui) Co., Ltd. organized an annual full-scale fire emergency response drill for all employees, aimed at comprehensively testing the effectiveness of emergency plans and strengthening the closed-loop management of occupational health and safety on the plant premises. The drill simulated a sudden fire on the plant premises, realistically recreating core procedures such as initial self-extinguishment, emergency alarm activation, and the orderly evacuation of all personnel.In response to shortcomings identified during the post-drill review—such as some employees' lack of rigor in practical operations and insufficient proficiency in using fire extinguishing equipment—the Company, adhering to a safety governance philosophy of continuous improvement, swiftly implemented targeted corrective measures. By deepening "real-world" safety culture education and conducting regular micro-training sessions on firefighting equipment, the Company ensures that every employee can quickly and accurately master emergency self-rescue and mutual aid skills, thereby effectively fortifying safety on the production front lines.

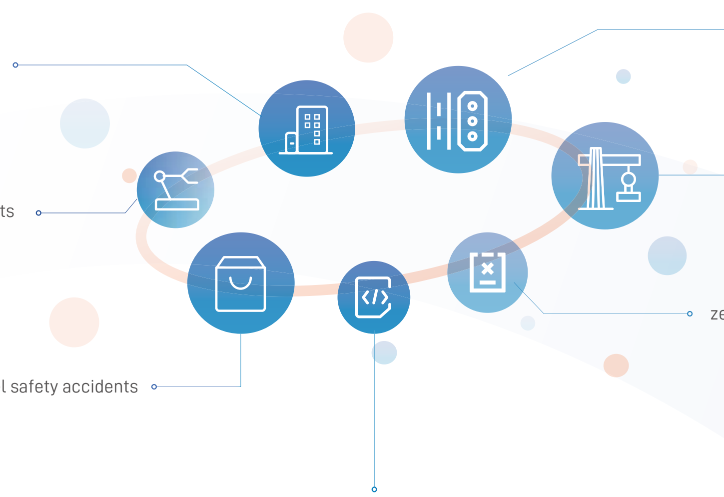
Case Hanersun Participates in Fire Emergency Drill at Jiulonghu International Corporate Headquarters Park

In June 2025, Hanersun participated in a fire emergency drill at the Jiulonghu International Corporate Headquarters Park. The drill simulated a sudden fire in a high-rise office building. Prior to the drill, the park used a fire safety handbook system to widely disseminate "prevention, evacuation, and rescue" skills, effectively addressing gaps in staff safety awareness. During the drill, various emergency response teams coordinated efficiently and successfully completed the high-rise emergency evacuation and practical training tasks. Following the event, the park strictly implemented post-drill procedures, including site restoration, pressure testing of equipment, and replenishment and updates of supplies. It also established a routine safety mechanism combining "theory, practical training, and debriefing." Through collaborative efforts among multiple stakeholders, the park comprehensively strengthened its comprehensive safety defense line, ensuring that "everyone understands fire safety and everyone knows how to respond to emergencies."

Indicators and Objectives

The Company strictly adheres to the management requirements that "managing an industry must include managing safety, managing business must include managing safety, and managing production and operations must include managing safety," as well as the principle of "shared responsibility between Party and government, and dual responsibilities for each position," fully implementing the work safety responsibility system for all employees.

Based on laws, regulations, and the Company's actual circumstances, clear control targets have been established.



achieving **100**% in the control rate of hazard sources within designated areas, the rectification rate of accident hazards, the integrity rate of safety facilities and equipment, the compliance rate for hazardous waste disposal, and the compliance rate for safety training and regulations.

Key Performance Indicators

- During the reporting period, the Company the Company recorded zero work-related fatalities and one work-related injury.

Community Engagement

Community Collaboration

Hanersun adheres to the core philosophy of community development rooted in local communities and based on mutual benefit and shared success. The Company has incorporated collaborative development and social contribution into its long-term development strategy, comprehensively fulfilling its social responsibilities toward the community. The Company continues to strengthen ties with local residents, grassroots organizations, and overseas communities, fostering an inclusive and mutually beneficial development model that empowers both the enterprise and the community. During the reporting period, the Company did not experience any incidents involving the infringement of the legitimate rights and interests of indigenous peoples and has consistently respected and safeguarded the legitimate rights of local communities.

Philanthropic Initiatives

Hanersun closely links corporate development with social responsibility and actively engages in philanthropic initiatives. Focusing on two key areas—the development of public cultural and sports activities and support for vulnerable groups—the Company has implemented numerous philanthropic initiatives. Through diverse measures such as co-organizing regional mass fitness events and signing targeted donation agreements with local charitable associations, the Company gives back to the local community. By providing tangible financial support and concrete actions, the Company conveys its commitment to doing good and fosters a community development ecosystem based on mutual assistance and integration.During the reporting period, the Company's total investment in public welfare projects amounted to 200,000 yuan, and it organized or participated in a total of four public welfare and community activities.

"Hand-Painted Spring" Public Welfare Activity

Support for the Jing County Disabled Persons' Federation Cultural Performance

Case: Hanersun Co-Organized the Yangtze River Delta National Fitness Walk (Run) Competition—Jing County Station

In 2025, Hanersun actively responded to the national strategy of "National Fitness," enriched the spiritual and cultural lives of local residents, and participated in collaborative efforts for the Yangtze River Delta National Fitness Walk (Run) Competition—Jing County Station. Organized by the Anhui Provincial Social Sports Guidance Center and hosted by the Jing County Education and Sports Bureau, the Company collaborated on the event by actively supporting organizational arrangements and on-site logistics to ensure its smooth execution and contribute to the development of the national fitness initiative.

Case: Hanersun's Support for People with Disabilities

Adhering to the philanthropic principle of aiding those in distress, Hanersun actively engages in local charitable initiatives for people with disabilities. In May 2025, the Company signed a tripartite targeted donation agreement with the Jing County Charity Association and the Jing County Disabled Persons' Federation. It completed the donation in accordance with laws and regulations, with the funds specifically allocated to a special disability assistance fund established by the Jing County Disabled Persons' Federation. These funds are dedicated to supporting local disability welfare initiatives and providing living relief and assistance to disabled individuals in need.

Case: Hanersun Hosts Sports Meet for Children with Disabilities

In July 2025, Hanersun, in collaboration with the Nanjing Ark Enlightenment Center, successfully hosted the "Sunshine Together Summer Sports Meet for People with Disabilities." This marked the second charitable collaboration between the two organizations following the "Hand-Painted Spring" art event. The event attracted over 100 enthusiastic participants and featured a variety of fun sports activities, including jump rope, table tennis, three-legged race, basketball, and volleyball. The atmosphere at the venue was lively,with the participants fully immersed in the activities on the field, collaborating and moving forward together. They competed with tenacious perseverance, fully demonstrating a positive and uplifting spirit. This sports meet for people with disabilities uses sports to empower the growth of this special group. It aims to continuously improve the physical fitness and mental well-being of participants with disabilities. Through immersive interactive experiences, it helps them broaden their social horizons, boost their self-confidence, and integrate into the group, thereby assisting this special group in better integrating into society and effectively putting corporate social responsibility into practice.

Win-Win Cooperation

Building a Responsible Industry

04

UN SDGs Alignment with the UN SDGs

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

Product Responsibility

Governance

Hanersun has formulated and implemented a series of internal documents, including the Module Quality Control Plan, Module Incoming Inspection Control Specifications, OQC Finished Product Shipping Inspection Work Instruction, and Nonconforming Product Control Procedure,"establishing an organizational structure for quality and climate risk management with clearly defined responsibilities that covers the entire product lifecycle. The Company's management oversees top-level decision-making regarding quality strategy planning, while the Quality Management Department serves as the core executive body, subdividing responsibilities into specialized roles such as IQC, IPQC, FQC,OQC, and SQE. The responsibilities of each role are clearly delineated in daily operations: IQC primarily handles batch-level inspections of raw materials and the isolation and reporting of nonconforming materials; SQE focuses on supplier quality control and tracking corrective actions; IPQC is responsible for in-process inspections and first-article approval; and FQC and OQC oversee finished product inspection and shipment inspection, respectively. Collaboration among these roles forms a comprehensive risk management network. The Company clearly defines operational standards, control processes, responsible parties, and procedures for handling anomalies through policy documents, thereby establishing a solid institutional foundation for quality control. As of December 31, 2025, the Company's three main operational sites have all obtained ISO 9001:2015 quality management certification.

ISO 9001:2015 Quality Management Certification

Hanersun Technology Co., Ltd | Hanersun Cleantech Co., Ltd. | Hanersun Energy Co., Ltd.

The Company has established a tiered and categorized internal quality training system. The 2025 training plan distinguishes between three types of courses—specialized, managerial, and general—and is organized by company-level and department-level tiers, with instruction provided by internal instructors from the Quality Department. On-site, hands-on training is conducted for production staff, followed by practical assessments for certification. Control process courses are offered to quality management personnel, with training effectiveness evaluated through real-world application. Regular training continuously strengthens the quality risk management capabilities of all employees.

Strategy

The Company has adopted high-quality products as its core development strategy. Relying on a standardized quality management system to support steady business expansion, it strictly adheres to the requirements of the ISO 9001 standard to implement end-to-end quality control and actively participates in various authoritative audits and certification processes both domestically and internationally. In 2025, the Company successfully completed nine third-party factory audits and 11 third-party spot inspections. Through standardized on-site and quality control inspections, the Company has strengthened the foundation of product quality, laying the groundwork for securing domestic and international orders and fostering customer partnerships. At the same time, the Company has established an end-to-end risk prediction mechanism. By analyzing the operational characteristics of various stages—including production, supply chain, and delivery—it proactively identifies various quality risks, such as defective incoming materials, process anomalies, packaging defects, material mix-ups, and labeling errors. By formulating prevention and control rules at the source, the Company minimizes the negative impact of quality issues on production, delivery, and brand reputation.

	Risk Description	Potential Hazards	Current Control Measures	Risk Assessment
Raw Material Inspection	Raw materials stored without inspection; Inspection standards not updated in time; Missed or incorrect inspections	Non-conforming raw materials entering the workshop, unqualified product quality, rework, inconsistent judgment, deviation in supplier evaluation	Formulate raw material inspection guidelines; Personnel skills training; Monthly statistical assessment of incorrect inspection rate	High human factor influence, low risk & controllable
Product Inspection	Instrument failure without spare parts; Failure to follow operating procedures; Insufficient sampling points causing missed/wrong sampling; Changing testing steps; Instrument calibration failure;	Production delay False or missed detection Impact on production delivery Customer dissatisfaction or complaints	Regular maintenance and calibration of instruments; Responsibility and skills training; Regular outsourced comparative testing	High human factor influence, low risk & controllable
Non-conforming Product Management	Inconsistent calibration; Misjudgment in product identification and evaluation; Customers discovering non-conforming products; Transfer and delivery of uninspected products	Judgment deviation Customer returns Impact on company reputation	Responsibility training to improve staff quality; Perfecting the post system; Skills education and training	High human factor influence, low risk & controllable

	Risk Description	Potential Hazards	Current Control Measures	Risk Assessment
Customer Audit Reply	Unimplemented corrective actions; Unresolved customer feedback; Customer complaints and returns	Customer distrust Product not adopted Damage to company image	Implement according to corrective and preventive measures; Timely reply	Low risk & controllable
Chemical Reagent Usage	Mixed storage of reagents; Excessive requisition; Failure to follow usage procedures; Hazardous waste not classified for disposal	Unclear labeling leading to misuse Reagent interaction accidents Personnel poisoning or injury	Formulate chemical management system; Strengthen education and responsibility training; Perfecting the post system; Formulate emergency plans and prepare emergency supplies	High human factor influence, low risk & controllable
Sample Processing	Improper use of equipment; Mechanical injury, dust, noise; Equipment failure leading to untimely testing	Personnel injury Testing delays	Regular equipment maintenance; Responsibility and skills training; Operating procedures training;	Affected by human factors and random incidents, low risk & controllable
Measurement Management	Monitoring and measuring equipment not calibrated in time; Missed equipment inspection	Impact on product quality Environmental and personal safety	Establish equipment ledger; Dedicated personnel responsible for calibration plan	Large impact, low risk & controllable

Risk Management

The Company comprehensively integrates various risks—including material quality risks, production process risks, and compliance risks—into its existing product lifecycle quality management system. It implements unified record-keeping, closed-loop corrective actions, and continuous optimization to achieve a deep integration of risk management with daily quality management. In the raw material control phase, the Company strictly enforces the Module Incoming Inspection Control Specifications. All incoming materials undergo full-batch inspection procedures, with inspectors conducting tests in accordance with the BOM and technical standards to classify and handle materials as either eligible or defective. High-risk defective materials are directly returned to suppliers, while SQE personnel oversee the submission of corrective action reports by suppliers. For materials urgently needed for production, concessionary release is granted in accordance with MRB procedures, thereby mitigating quality risks at the source of the supply chain.

During the production process, the Company strictly adheres to the Module Quality Control Plan. Fixed inspection frequencies are established for key control characteristics in core processes such as welding, lamination, and final assembly. Critical parameters—including welding tensile strength, lamination cross-linking degree, and equipment temperature—are tested at regular intervals in accordance with standards. Should any abnormalities in appearance, performance, or process be detected, the Nonconforming Product Control Procedure is immediately followed to isolate, label, and review the affected items.

During the reporting period, the Company identified and resolved various issues during the production process, including uncured AB adhesive, glass breakage, junction box short circuits, and packaging corner gaps exceeding specifications. Through root cause analysis, targeted corrective measures were implemented, and similar defects have not recurred since the corrections were made. During the finished product shipment stage, the Company implemented the "OQC Finished Product Shipment Inspection Work Instruction," establishing a standardized process covering everything from shipment scheduling and data review to visual inspection, on-site loading supervision, and documentation archiving. Staff verify all information—including module parameters, packaging, and transportation details—while taking photographs throughout the process to maintain a complete record. Products that fail inspection are strictly prohibited from leaving the factory, ensuring that delivered products meet usage requirements.

The Company continuously improves product quality and has completed specialized testing for various extreme environments and performance metrics, obtaining certifications for sand and dust testing, ammonia corrosion, salt spray corrosion, PID, light- and high-temperature-induced degradation, and flexible modules. By conducting accelerated aging and durability tests that simulate harsh operating environments, the Company effectively validates key module performance characteristics—including dust and corrosion resistance, power degradation suppression, and tolerance to flexible deformation. This comprehensive and authoritative certification matrix supports product quality upgrades, significantly enhancing the products' outdoor service life and adaptability to various application scenarios.


CERTIFICATE

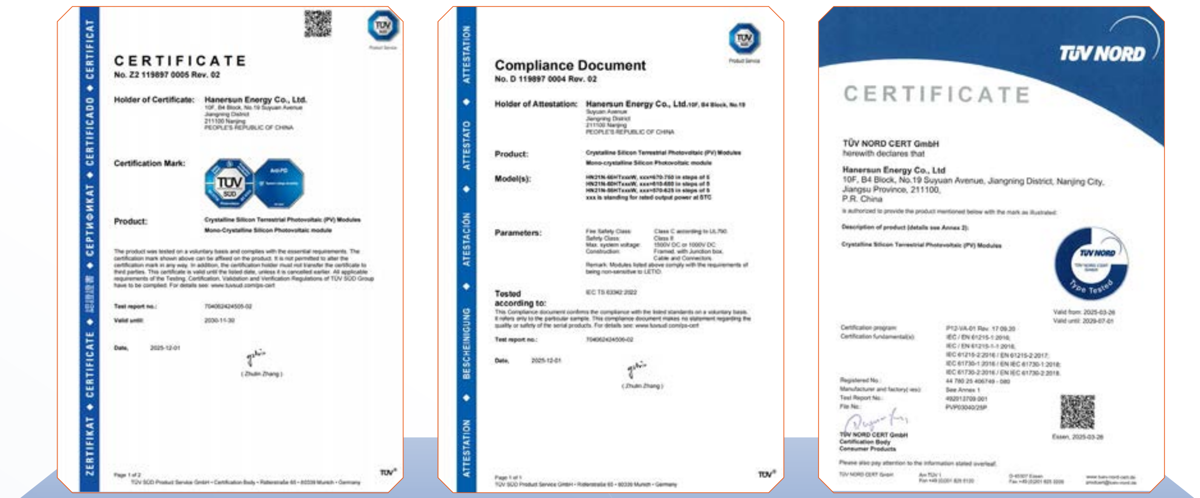
Certification Certificate for Bifacial Modules against Dust and Sand


CERTIFICATE

Certification Certificate for Bifacial Modules against Ammonia Corrosion


CERTIFICATE

Certification Certificate for Bifacial Modules against Salt-Mist Corrosion



Bifacial Module PID Resistance Certification | Bifacial Module LETID Resistance Certification | Flexible Module TÜV Certification

To continuously mitigate various risks, the Company relies on routine internal audits and training mechanisms to strengthen staff capabilities and ensure the implementation of control systems; it leverages supplier audits and on-site collaboration to drive upstream partners to simultaneously improve product quality; and it has established a problem review mechanism to summarize lessons learned from various quality issues, continuously optimize control processes, and build a multi-tiered internal control and risk mitigation system

Metrics and Targets

Combining daily management practices with annual performance evaluation requirements, the Company has developed a comprehensive system of quantitative control metrics. In 2025, multiple core metrics successfully met their annual targets.

Metrics	2025Target Values	Actual Values Achieved in 2025
Average Yield Rate for Modules/Energy Storage	⩾ 99.5%	99.5%
Production Capacity Achievement Rate	⩾ 96%	99.23%
Process Audit Closure Rate	⩾ 95%	97%
Product scrap rate due to equipment malfunctions	<0.015%	Annual best: 0.0000%; overall in compliance with control requirements

Customer-Centric

Customer Management

Hanersun has established the management policy of "Customer First, Pursuit of Excellence," and formulated and implemented the "Process Control Procedure for Customer-Related Matters," systematically standardizing the operational standards and division of responsibilities for each stage from customer needs identification, contract review to after-sales service. Under this framework, the Marketing Center serves as the customer interface, undertaking demand collection and preliminary response functions; the Technical Process Department is responsible for product technical parameter confirmation and quality anomaly analysis; the Manufacturing Center organizes production based on customer order requirements and ensures delivery timeliness. The three departments collaborate through regular joint meetings and information sharing mechanisms, forming a closed-loop management network for rapid customer demand response.

The Company has established quantifiable annual service targets: Customer Satisfaction not lower than 98%, first-pass inspection qualification rate not lower than 99.5%, and target for defective products at zero. Meanwhile, these targets are broken down into the performance assessment system of each responsible department, with monthly tracking of achievement progress to ensure that management intentions are effectively transmitted to the execution level.

Customer Service

Hanersun always places customers at the core of its business operations. As of the end of 2025, the Company's global cumulative module shipments have reached 16GW, with 900MW of photovoltaic power plants developed and constructed. Its energy storage products are best-selling in the European market, with business spanning over 100 countries and regions worldwide and more than 1,000 industry-leading partners. With excellent quality and bankability, Hanersun has been listed as a Tier 1 module manufacturer by Bloomberg New Energy Finance for consecutive years and ranked on the PV ModuleTech Bankability List. The bankability of its products has been endorsed by numerous domestic and international banks and financial institutions.

Hanersun's global customer network has been deeply embedded in the world's energy transition value chain. From tropical power stations in Southeast Asia to commercial and industrial rooftops in Europe, from ground-mounted power stations in North America to residential systems in South America, Hanersun meets differentiated customer needs across different regions and scenarios with its diversified product portfolio and localized service capabilities.

Hanersun Global Typical Project Cases

Project Location	Capacity	Application Scenario	Customer Value Highlights
Sa Kaeo, Thailand	50 MW	Ground-mounted Power Plant	Long-term stable operation in tropical high-temperature and high-humidity environments
St. Valentin, Austria	64.5 MW	Ground-mounted Power Plant	High-standard bankability validation for large-scale European power plants
Aetolia-Acarnania, Greece	56 MW	Ground-mounted Power Plant	High-efficiency power generation under Mediterranean climate conditions
Serbia	48 MW	Ground-mounted Power Plant	Benchmark project in emerging Eastern European PV market
Guizhou, China	48 MW	Ground-mounted Power Plant	Adaptation to complex mountainous terrain scenarios
Anhui, China	8.4 MW/5 MW/6 MW	Commercial & Industrial (C&I)	Flexible distributed rooftop solutions for multiple projects
Croatia	2 MWh	Energy Storage System	Integrated PV + storage system-level solution
Zhejiang, China	500 kW	Residential PV	Batch application of high-quality modules in residential scenarios

Hanersun has established multi-dimensional customer feedback channels, through which customers can access services via Hanersun hotline 025-52791766, online service support at aftersales@hanersun.com, and conditional on-site support. The main contents of service response include remote diagnosis, issue collection, solution proposal, product usage and operational characteristics explanation, technical documentation, assistance in resolving performance improvement requirements, and providing status updates on pending issues. The Company commits that, within the module warranty period specified in commercial contracts, all warranty requests will be responded to in a timely manner in accordance with after-sales service procedures, manuals, and standards, to ensure the smooth operation of customers' intelligent systems.

Customer Satisfaction

The Company regularly conducts customer satisfaction surveys, obtaining data through targeted follow-up visits and questionnaires with key customers. The surveys cover evaluation dimensions including product quality, delivery timeliness, technical support response speed, and after-sales service attitude.

Key Performance

- During the reporting period, Hanersun achieved a customer satisfaction score of **98.5** points, meeting the annual target.

The Company continuously improves customer satisfaction, promptly and properly handling customer complaints and quality anomaly feedback. In accordance with the "After-Sales Service Control Document," the after-sales service management process is clearly defined. Adhering to the principles of "rapid response, root cause analysis, and closed-loop rectification," the Company completes the full closed-loop process from complaint receipt, cause analysis, rectification implementation to effectiveness verification. All complaint cases are incorporated into the quality database for trend analysis, providing data support for systematic improvement of products and services.

Step	Responsible Department	Specific Action
01	Marketing Center	Receive customer complaints or return requests, communicate with the customer at the first opportunity to confirm the issue and concern, and simultaneously provide the original information and relevant documents from the customer feedback.
02	After-sales Service	Upon receiving customer complaints, lead the factory's technical and quality teams to handle the issue.
03	Technology&Process Department / QualityManagement Department	Analyze root causes and determine the nature of the issue (product design, production process, transportation damage, etc.).
04	After-sales Service	Coordinate with responsible departments to propose improvement measures and implement rectification, and develop a prevention plan for recurrence.
05	After-sales Service / Quality Management Department	Verify the effectiveness of rectification, promote closed-loop management of the issue, and archive the case in the quality database.
06	Marketing Center	Provide feedback on the handling results to the customer, confirm customer satisfaction, and continuously enhance customer satisfaction.

Responsible Marketing

The Company consistently adheres to the marketing philosophy of "integrity, transparency, and customer-centricity," regarding responsible marketing as a core pillar for maintaining customer trust and brand reputation. We strictly comply with the "Advertising Law of the People's Republic of China," the "Anti-Unfair Competition Law," and marketing compliance regulations in the countries/regions where we operate, ensuring that all marketing activities are conducted within a legal and compliant framework.

The Company has established a responsible marketing training system covering the entire business chain, aimed at ensuring that all employees involved in customer communication, brand promotion, and sales activities fully understand and practice the Company's marketing compliance standards.

Key Performance

- During the reporting period, the company had no penalties or warnings for violations of marketing-related regulations, and conducted **30** sessions of responsible marketing training
- with a total duration of **3,600** hours

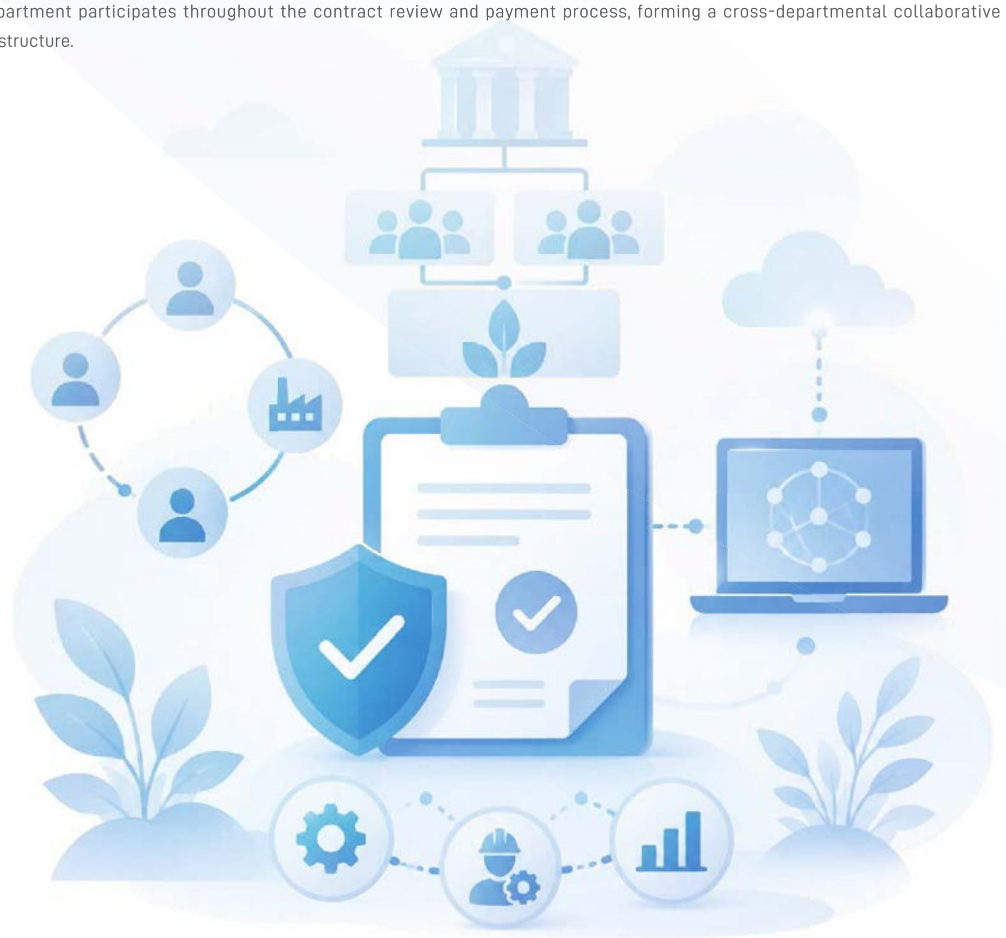
Sustainable Supply Chain

Governance

The Company strictly complies with relevant laws and regulations such as the Bidding Law of the People's Republic of China and the Government Procurement Law of the People's Republic of China, and has established a systematic procurement and supplier management system. Core policy documents include the Procurement Control Procedure and the Supplier Management Control Procedure, which comprehensively standardize procurement behaviors and the full lifecycle management of suppliers, covering supplier screening, admission assessment, contract management, performance evaluation, and exit mechanisms, to eliminate improper business practices. The Company makes full use of ERP, OA, and other information systems to achieve online and transparent procurement operations.

The Company has established a multi-tiered ESG governance structure to ensure that sustainable supply chain management receives top-down institutional support. The highest decision-making body is the Board of Directors, which comprehensively coordinates the Company's sustainable development strategic direction; under the Board, the ESG Committee is responsible for formulating the Company's ESG policies and objectives. Under the ESG Committee structure, the Company has established a Sustainable Procurement Committee, specifically responsible for strengthening supply chain management, customer service, and product quality, ensuring the systematic construction of a sustainable value chain.

At the execution level, the Operations Planning Department uniformly formulates procurement plans, clarifying procurement processes and approval authority for various materials; the Quality and Technical departments participate in on-site audits and product evaluations of potential suppliers; the Finance Department participates throughout the contract review and payment process, forming a cross-departmental collaborative procurement governance structure.



Strategy

Hanersun has established a risk identification and response mechanism covering the entire supply chain process, and formulated the "Risk and Opportunity Analysis and Response Measures Form.

	Risk Identification	Response Measures
Legal and Regulatory Risks	**Compliance risk:** Compliance with laws and regulations of different countries and regions, such as environmental protection, labor, trade, etc.	**Establish a compliance system:** The Legal Department is currently leading the construction of an ISO 37301 compliance management system, with regular review and tracking of policy changes.
	Policy changes: Government policy adjustments, such as tariffs, import/export restrictions, etc., may increase costs or affect supply chain stability.	**Policy Changes:** Timely adjust supply-chain strategies in response to policy shifts to mitigate associated impacts, strengthen supplier management, and set forth clear compliance requirements for suppliers.
Labor Management-related Public Opinion Incidents	**Labor disputes:** Labor issues in the supply chain, such as wages, working hours, working conditions, etc.	**Strengthen supplier audits:** Regularly assess suppliers' labor management to ensure compliance with social responsibility standards.
	Social responsibility risk: If suppliers have issues such as forced labor or child labor.	**Establish a communication mechanism:** Handle labor issues in a timely manner to prevent escalation of conflicts.
Extreme Weather	**Logistics disruption:** Extreme weather affects raw material supply and product delivery.	**Diversify supplier channels:** Establish a diversified supplier strategy to reduce reliance on a single channel Strengthen inventory.
	Rising delivery costs: Logistics disruption may increase transportation and warehousing costs.	**Management:** Maintain reasonable inventory levels.

Risk Management

On the premise of ensuring business continuity, Hanersun prioritizes local suppliers to promote regional collaborative development of the supply chain and carbon footprint control. The Company adheres to a "best-of-the-best" supplier admission strategy, conducting systematic assessments of suppliers' comprehensive capabilities at the admission stage. ESG risk indicators have become one of the core dimensions of admission review. The supplier admission process is divided into four stages: preliminary review, evaluation, cooperation, and assessment, with clear ESG audit requirements established at each stage.

The Company implements the Supplier Code of Conduct, conveying clear ESG expectations to all partners, with focus on the following dimensions:

Environment

Environmental compliance, requiring suppliers to comply with all national and local environmental laws and regulations, obtain and maintain necessary environmental permits; establish an environmental management system; formulate pollution prevention and resource conservation systems;

Governance

Business ethics, examining whether suppliers have established business ethics and anti-corruption systems; compliant business qualifications.

Social

Requiring suppliers to establish a sound social responsibility management system in accordance with international standards such as RBA (Responsible Business Alliance), SA8000, ISO 14001/45001 and relevant national laws; labor rights protection, clearly requiring suppliers not to use child labor, forced labor, or engage in discriminatory employment practices; safety and occupational health, requiring suppliers to establish occupational health management mechanisms and conduct regular fire safety inspections and emergency drills; mineral procurement, the Company clearly requires suppliers to follow responsible mineral procurement principles and avoid the use of conflict minerals.

The Company regularly conducts supplier on-site audits and document reviews. For suppliers with substandard CSR performance or significant compliance risks, the Company conducts on-site audits and requires rectification, and terminates cooperation when necessary. Supplier audits adopt a combination of documentation, internal audit evaluation, training communication, and continuous improvement to implement corporate social responsibility objectives.

The Company classifies suppliers into four levels, implementing graded and categorized management:

Category I Suppliers	BOM (Bill of Materials) main materials, BOS (Balance of System) power station type suppliers
Category II Suppliers	BOM auxiliary materials, production auxiliary material suppliers
Category III Suppliers	Spare parts suppliers
Category IV Suppliers	Non-production materials, equipment, engineering and service suppliers

As of the end of the reporting period

- Hanersun had a total of **798** suppliers
- including **146** Category I suppliers
- **110** Category II suppliers
- **82** Category III suppliers
- **460** Category IV suppliers.

Hanersun regards supplier performance management as a closed-loop element of sustainable supply chain management. The Company regularly conducts performance reviews and scoring, with evaluation dimensions covering delivery quality qualification rate, delivery timeliness, ESG compliance performance, etc. Performance results are directly linked to supplier classification management; suppliers with substandard performance are given deadlines for rectification or have their supply qualifications suspended, while suppliers with significant compliance risks or inadequate rectification will have their cooperation terminated. Through the clear exit mechanism stipulated in the Supplier Management Control Procedure, the Company has formed a full lifecycle management mechanism of "admission—cooperation—evaluation—improvement/exit."

Metrics and Targets

During the reporting period, the Company conducted 12 supplier ESG training sessions with a total duration of 12 hours, and signed HN-WJ-YY-003 Supplier ESG Commitment Letter V1 with the supplier, exerting influence on suppliers in ESG aspects. In the future, the Company intends to increase communication frequency with suppliers, assisting them in improving ESG management capabilities through training, technical exchanges, and other means, promoting the overall sustainable development level of the supply chain, and ultimately achieving overall supply chain risk reduction and value co-creation.

ESG Performance Table

Goverance

Indicator	2025	2024	Unit
Total Number of Shareholders' Meetings Held	4	1	Times
Matters Reviewed and Approved	93	/	Cases
Board Meetings Convened	1	1	Times
Board Director Attendance Rate	100	100	%
Number of Directors	3	3	People
Number of Female Directors	0	0[1]	People

[1]Restated Information: For the year 2024, the composition metrics incorrectly treated members of the Supervisory Board as female Board members.

Business Ethics

Indicator	2025	2024	Unit
Confirmed Corruption Incidents	0	0	Cases
Public Litigation Cases Arising from Corrupt Practices Against the Company and Its Employees	0	0	Cases
Legal Actions Regarding Anti-competitive Behavior, Antitrust and Anti-monopoly	0	0	Cases
Total Duration of Anti-commercial Bribery and Anti-corruption Training Provided to Directors	24	8	Hours
Proportion of Directors Participating in Anti-commercial Bribery and Anti-corruption Training	100	100	%
Total Duration of Anti-commercial Bribery and Anti-corruption Training Provided to Management	320	20	Hours
Total Duration of Anti-commercial Bribery and Anti-corruption Training Provided to Full-time Employees	6,016	2,480	Hours

Information Security and Privacy Protection

Indicator	2025	2024	Unit
Number of Complaints Involving Customer Privacy Breaches	0	0	Cases
Number of Incidents of Customer Privacy Violation	0	0	Cases
Number of Incidents Penalized by Regulators Due to Privacy Leakage	0	0	Cases
Losses Caused by Violations of Relevant Laws and Regulations	0	0	10,000 Yuan

Addressing Climate Change[2]

Indicator	2025	2024	Unit
Total greenhouse gas emissions, of which	3,681.90	3,346.73	tCO_2e
Scope 1	111.55	126.19	tCO_2e
Scope 2 (market-based)	3,570.35	3,220.54	tCO_2e
Greenhouse gas emissions intensity	0.0028	0.0030	tCO_2e/Sheet

[2]In accordance with ISO 14064-3:2019 and the requirements of the GHG Protocol Corporate Standard, the Company engaged a third party to verify the total 2025 greenhouse gas emissions at the organizational level for Hanersun Technology Co., Ltd, Hanersun Energy Co., Ltd., and Hanersun Cleantech Co., Ltd.

Environmental Compliance Management

Indicator	2025	2024	Unit
Number of operating sites certified under the ISO 14001 system	3	3	Item
Percentage of major operating sites certified under the ISO 14001 system	100	100	%
Number of environmental training sessions	4	2	Sessions
Number of participants in environmental training	668	620	Person-times
Duration of environmental training	1,336	1,240	Hours
Environmental violations and penalties	0	0	Cases
Environmental Protection Investment	200.67	83.22	10,000 yuan

Waste Management

Indicator	2025	2024	Unit
Total Hazardous Waste	0.573	0	Kilograms
Total General Waste	100,000	26,010	Kilograms
Waste Disposal Compliance Rate	100	100	%

Employee Rights

Indicator	2025	2024	Unit	Unit
Total Number of Employees		267	266	People
By gender	Male employees	169	199	People
	Female employees	98	67	People
By age	Employees aged 30 and under	82	78	People
	Employees aged 30-50	185	186	People
	Employees aged 50 and older	0	2	People
By Ethnicity	Han	266	262	People
	Ethnic minorities	1	4	People
Employee Diversity, Equity, and Inclusion	Employees with Disabilities	2	0	People
	Number of Discrimination Incidents	0	0	Cases
	Number of discrimination cases filed in court	0	0	Cases
New Hires		51	134	People
Employees who left		23	31	People
Employee turnover rate		8.61	11.65	%
By Gender	Male employees	18	22	People
	Female employees	5	9	People
By age	Employees aged 30 and under	12	15	People
	Employees aged 30-50	11	16	People
	Employees aged 50 and older	0	0	People
Employee Satisfaction		95	99.6	%
Percentage of Women in Management		47.05	41.51	%
Percentage of employees taking maternity leave		100	100	%
Return-to-work rate for employees on maternity leave		100	100	%
Social insurance coverage rate		100	100	%
Average number of days of paid annual leave per person		7	7	Days
Percentage of employees eligible for benefits		100	100	%

Occupational Health

Indicator	2025	2024	Unit
Certification Rate for Special Operations Personnel	100	100	%
Workers' Compensation Coverage Rate	100	100	%
Employee Health Examination Coverage Rate	100	100	%
Occupational Hazard Factor Testing Rate	100	100	%
Compliance Rate for Occupational Hazard Monitoring	100	100	%
Number of Workplace Safety Accidents	0	0	Incidents
Number of work-related fatalities	0	0	People
Workdays lost due to work-related injuries	82	0	Working days
Lost Time Rate (LTR)	1,474.93	0	Hours per million work hours
Lost Time Injury Rate (LTIR)	2.25	0	
Hazard Identification and Rectification Rate	100	100	%

Employee Development

Indicator	2025	2024	Unit
Total Training Hours	6,095	15,264	Hours
Average Training Hours per Employee	36.5	24.0	Hours
Employee training coverage rate	100	100	%
Employee Training Investment	15	10	10,000 Yuan
Percentage of Employees Participating in Performance Evaluations	100	100	%
Ratio of the Entry-Level Wage for Regular Employees to the Local Minimum Wage	2.10:1	2.36:1	/
Ratio of the Entry-Level Wage for Male Employees to the Local Minimum Wage	2.10:1	2.36:1	/
Ratio of the Entry-Level Wage for Female Employees to the Local Minimum Wage	2.10:1	2.36:1	/

Research and Innovation

Indicator	2025	2024	Unit
R&D Expenditure	23.03	12.59	Million yuan
R&D Expenditure as a Percentage of Operating Revenue	0.98	4.06	%
Revenue from new products	14,623.9	24,869	10,000 Yuan
Total number of trademarks	26	26	Items
Specialized, Refined, Distinctive, and Innovative Enterprises	1	0	Units
National High-Tech Enterprises	1	0	Units

Customer Service

Indicator	2025	2024	Unit
Customer Satisfaction / Overall Satisfaction Score	98.5	96.0	%
Pass Rate for Customer Complaint Response Evaluations	100	100	%
Number of Customer Satisfaction Surveys	4	1	Times

Product liability

Indicator	2025	2024	Unit
Product Qualification Rate	99.5	95.0	%
Percentage of products recalled or withdrawn for health and safety reasons	0	0	%
Number of products subject to withdrawal and recall for health and safety reasons	0	0	Units

Supply Chain Management

Indicator	2025	2024	Unit
Total Number of Suppliers	798	801	Units
Supplier Integrity Agreement Signing Rate	100	100	%
Percentage of Procurement Spending on Local Suppliers	78.7	70.2	%

Community contributions

Indicator	2025	2024	Unit
Total Charitable Contributions	20	10	10,000 Yuan
Rural Revitalization Projects Implemented (Solar Power Projects)	5	0	Projects
Number of volunteer activities	4	2	Times
Helping Sell Agricultural Products	18	0	10,000 Yuan

Appendix

Index

12.1.1 GRI Sustainability Reporting Standards (GRI Standards) Content Index (for reference)

Instructions for Use	Hanersun prepared this report in accordance with the GRI Standards for the period from January 1, 2025, to December 31, 2025.
GRI 1 Used	GRI 1: Foundation 2021

GRI Standard	Disclosure	Location
GRI 2: General Disclosures 2021	2-1 Organizational details	Company Profile
	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	About this Report
	2-5 External assurance	This report has not been subject to external assurance.
	2-6 Activities, value chain and other business relationships	Stakeholder Engagement
	2-7 Employees	Employee Rights ESG Performance Table
	2-9 Governance structure and composition	Company Profile
	2-10 Nomination and selection of the highest governance body	Corporate Governance
	2-11 Chair of the highest governance body	Corporate Governance
	2-12 Role of the highest governance body in overseeing the management of impacts	Corporate Governance
	2-13 Delegation of responsibility for managing impacts	Corporate Governance
	2-14 Role of the highest governance body in sustainability reporting	Corporate Governance
	2-15 Conflicts of interest	Corporate Governance
	2-16 Communication of critical concerns	Corporate Governance
	2-17 Collective knowledge of the highest governance body	ESG Governance Structure
	2-19 Remuneration policies	Corporate Governance
	2-20 Process to determine remuneration	Corporate Governance
	2-22 Statement on sustainable development strategy	ESG Governance Structure
	2-23 Policy commitments	ESG Governance Structure
	2-24 Embedding policy commitments	ESG Governance Structure
	2-27 Compliance with Laws and Regulations	Risk and Compliance Management
	2-28 Membership Associations	Honors and Recognition

GRI Standard	Disclosure	Location
GRI 2: General Disclosures 2021	2-29 Approach to stakeholder engagement	ESG Governance Structure
GRI 101: Biodiversity 2024	3-3 Management of Material Topics	Green Ecology
	101-2 Management of biodiversity impacts	Green Ecology
	101-4 Identification of biodiversity impacts	Green Ecology
	101-5 Locations with biodiversity impacts	Not Applicable
GRI 205: Anti-corruption 2016	3-3 Management of Material Topics	Business Ethics
	205-1 Operations assessed for risks related to corruption	Business Ethics
	205-2 Communication and training about anti-corruption policies and procedures	Business Ethics
	205-3 Confirmed incidents of corruption and actions taken	Not Applicable
GRI 206: Anti-competitive Behavior 2016	3-3 Management of Material Topics	Business Ethics
	206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	Business Ethics
GRI 207: Tax 2019	207-1 Approach to tax	Risk and Compliance Management
	207-2 Tax governance, control, and risk management	Risk and Compliance Management
	207-3 Stakeholder engagement and management of concerns related to tax	Risk and Compliance Management
GRI 302: Energy 2016	3-3 Management of Material Topics	Energy and Resource Utilization
	302-1 Energy consumption within the organization	ESG Performance Table
	302-4 Reduction of energy consumption	Energy and Resource Utilization
GRI 303: Water and Effluents 2018	3-3 Management of Material Topics	Energy and Resource Utilization
	303-1 Interactions with water as a shared resource	Energy and Resource Utilization
	303-2 Management of water discharge-related impacts	Three Waste Management
	303-3 Water withdrawal	ESG Performance Table
	303-4 Water discharge	ESG Performance Table
	303-5 Water consumption	ESG Performance Table
GRI 305: Emissions 2016	3-3 Management of Material Topics	Addressing Climate Change
	305-1 Direct (Scope 1) GHG emissions	ESG Performance Table
	305-2 Energy indirect (Scope 2) GHG emissions	ESG Performance Table
	305-4 GHG emissions intensity	ESG Performance Table
GRI 306: Waste 2020	3-3 Management of Material Topics	Three Waste Management
	306-1 Waste generation and significant waste-related impacts	Three Waste Management

GRI Standard	Disclosure	Location
GRI 306: Waste 2020	306-2 Management of significant waste-related impacts	Three Waste Management
	306-3 Waste generated	Three Waste Management ESG Performance Table
	306-4 Waste diverted from disposal	Three Waste Management
	306-5 Waste directed to disposal	Three Waste Management
GRI 306: Effluents and Waste 2016	3-3 Management of material topics	Three Waste Management
	306-3 Significant spills	Not Applicable
GRI 308: Supplier Environmental Assessment 2016	3-3 Management of material topics	Sustainable Supply Chain
	308-1 New suppliers that were screened using environmental criteria	Sustainable Supply Chain
	308-2 Negative environmental impacts in the supply chain and actions taken	Sustainable Supply Chain
GRI 401: Employment 2016	3-3 Management of material topics	Employee Rights
	401-1 New employee hires and employee turnover	ESG Performance Table
	401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	Employee Rights
	401-3 Parental leave	ESG Performance Table
GRI 403: Occupational Health and Safety 2018	3-3 Management of material topics	Health and Safety
	403-1 Occupational health and safety management system	Health and Safety
	403-2 Hazard identification, risk assessment, and incident investigation	Health and Safety
	403-4 Worker participation, consultation, and communication on occupational health and safety	Health and Safety
	403-5 Worker training on occupational health and safety	Health and Safety
	403-6 Promotion of worker health	Health and Safety
	403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Health and Safety
	403-8 Workers covered by an occupational health and safety management system	Health and Safety
	403-9 Work-related injuries	Health and Safety
	403-10 Work-related ill health	Health and Safety
GRI 404: Training and Education 2016	3-3 Management of material topics	Employee Development
	404-1 Average hours of training per year per employee	Employee Development ESG Performance Table
GRI 404: Training and Education 2016	404-2 Programs for upgrading employee skills and transition assistance programs	Employee Development
	404-3 Percentage of employees receiving regular performance and career development reviews	Employee Development ESG Performance Table

GRI Standard	Disclosure	Location
GRI 405: Diversity and Equal Opportunity 2016	3-3 Management of material topics	Employee Rights
	405-1 Diversity of governance bodies and employees	Employee Rights ESG Performance Table
	405-2 Ratio of basic salary and remuneration of women to men	ESG Performance Table
GRI 406: Non-discrimination 2016	3-3 Management of material topics	Employee Rights
	406-1 Incidents of discrimination and corrective actions taken	Employee Rights
GRI 408: Child Labor 2016	3-3 Management of material topics	Employee Rights
	408-1 Operations and suppliers at significant risk for incidents of child labor	Not Applicable
GRI 409: Forced or Compulsory Labor 2016	3-3 Management of material topics	Employee Rights
	409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor	Not Applicable
GRI 411: Rights of Indigenous Peoples 2016	3-3 Management of material topics	Employee Rights
	411-1 Incidents of violations involving rights of indigenous peoples	Not Applicable
GRI 413: Local Communities 2016	3-3 Management of material topics	Community Engagement
	413-1 Operations with local community engagement, impact assessments, and development programs	Community Engagement
	413-2 Operations with significant actual and potential negative impacts on local communities	Not Applicable
GRI 414: Supplier Social Assessment 2016	3-3 Management of material topics	Sustainable Supply Chain
	414-1 New suppliers that were screened using social criteria	Sustainable Supply Chain
	414-2 Negative social impacts in the supply chain and actions taken	Sustainable Supply Chain
GRI 416: Customer Health and Safety 2016	3-3 Management of material topics	Product Responsibility
	416-1 Assessment of the health and safety impacts of product and service categories	Product Responsibility
	416-2 Incidents of non-compliance concerning the health and safety impacts of products and services	Product Responsibility
GRI 417: Marketing and Labeling 2016	3-3 Management of material topics	Customer-Centric
	417-1 Requirements for product and service information and labeling	Customer-Centric
	417-2 Incidents of non-compliance concerning product and service information and labeling	Customer-Centric
	417-3 Incidents of non-compliance concerning marketing communications	Customer-Centric
GRI 418: Customer Privacy 2016	3-3 Management of Material Topics	Information Security and Privacy Protection
	418-1 Substantiated complaints concerning breaches of customer privacy and losses of customer data	Information Security and Privacy Protection

Reader feedback

Dear Stakeholders,

We sincerely value your feedback as it helps us continuously improve the quality of our ESG report. We warmly invite you to complete the following feedback form and kindly send it via email to info@hanersun.com.

Reader Feedback Form

How satisfied are you with the overall content of this report?

- ☐ Very satisfied
- ☐ Satisfied
- ☐ Neutral
- ☐ Dissatisfied
- ☐ Very dissatisfied

Which sections of this report do you find most valuable? (Multiple selections allowed)

- ☐ Sustainable Development Governance
- ☐ Stakeholder Engagement
- ☐ Materiality Analysis
- ☐ Product Practices and Performance
- ☐ Environmental Practices and Performance
- ☐ Social Practices and Performance
- ☐ Governance Practices and Performance
- ☐ Others: ____________________

How do you rate the completeness and transparency of the information in this report?

- ☐ Very high
- ☐ High
- ☐ Moderate
- ☐ Low
- ☐ Very low

How do you rate the layout design and readability of this report?

- ☐ Very satisfied
- ☐ Satisfied
- ☐ Neutral
- ☐ Dissatisfied
- ☐ Very dissatisfied

What is your overall evaluation of Hanersun's performance in sustainable development?

- ☐ Strongly positive
- ☐ Positive
- ☐ Neutral
- ☐ Negative
- ☐ Strongly negative

HANERSUN