海泰新能
Haitai Solar

Stock Code: 920985

2025

Environmental, Social and Governance (ESG) Report

Tangshan Haitai New Energy Technology Co., Ltd.

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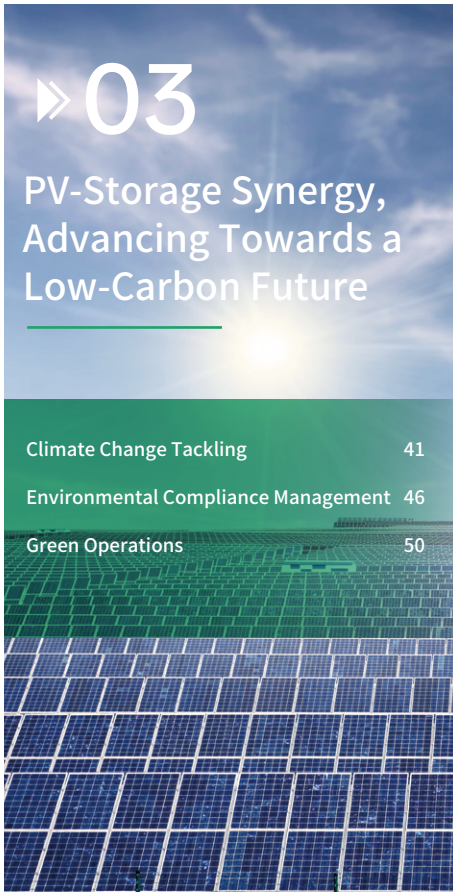

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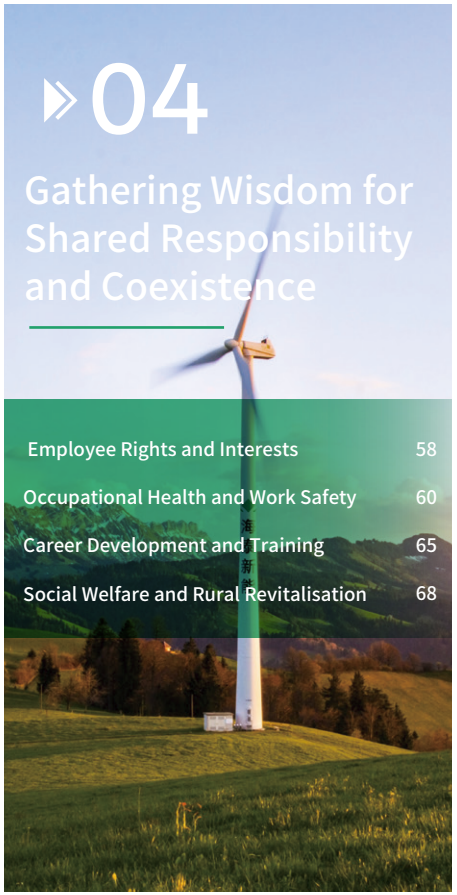

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About This Report

This report is the second Environmental, Social and Governance (ESG) report published by Tangshan Haitai New Energy Technology Co., Ltd., which discloses and reflects in detail the Company's performance in environmental, social and governance aspects during its operations. The publication of this report aims to engage in effective communication with all stakeholders in a transparent and open manner, systematically responding to stakeholders' expectations and requirements.

Basis of Preparation

This report has been prepared in accordance with the *Guidelines No. 11 of Beijing Stock Exchange for the Ongoing Supervision of Listed Companies—Sustainability Report (Trial)*, and with reference to the standards of the Sustainability Accounting Standards Board (SASB), *IFRS S2 Climate-Related Disclosures*, Sustainable Development Goals (SDGs) of the UN, the Global Reporting Initiative (GRI)'s *Sustainability Reporting Standards*, and the *Chinese Enterprise Sustainability Reporting Guidelines* (CASS-ESG 6.0).

Reporting Period

Unless otherwise specified, the reporting period covered by this report is from 1 January 2025 to 31 December 2025. To ensure the continuity and completeness of the report, any content falling outside the above time frame will be explained in the report.

Organisational Scope

The organisational scope covered by this report includes Tangshan Haitai New Energy Technology Co., Ltd. and its subsidiaries. Unless otherwise specified, the scope of this report was consistent with that of the Company's annual report.

Notes on Appellations

For ease of expression and reading, Tangshan Haitai New Energy Technology Co., Ltd. and its subsidiaries are referred to in the report as "Haitai Solar", "the Company", "we", "us", or "our".

Data Description

The qualitative and quantitative information used in this report was derived from original data from the Company's actual operations, annual financial data, internal relevant statistical statements, etc. Specifically, the financial data cited in this report comes from the financial statements in the 2025 Annual Report, which have been independently audited by an accounting firm and received an unqualified opinion. Unless otherwise specified, the currency referred to in this report is RMB, and monetary amounts are denominated in yuan.

Reliability Assurance

This report adheres to the principles of accuracy, comparability, materiality, and verifiability in its disclosures, and provides objective, truthful, and complete disclosure, without any false records, misleading statements, or material omissions. This report has been reviewed and approved by the Board of Directors that is responsible for the authenticity, accuracy, and completeness of the content.

Access to the Report

This report is published in Simplified Chinese. The electronic report is available on the Company's official website (www.haitai-solar.cn), the official website of the Beijing Stock Exchange (https://www.bse.cn/index.html), and CNINFO (www.cninfo.com.cn). If you have any comments or suggestions regarding the Company's environmental, social and governance disclosures and performance, please contact us through the following means. Email: liushichao@htsolargroup.com; Tel: 0315-5051825.

Message from the Chairman

Dear shareholders, partners, and friends from all sectors of society,

Looking back on 2025, the adjustment of the global energy structure continued to accelerate, and the green and low-carbon transition entered a critical phase. Faced with an external environment of intensified competition across the industrial chain, accelerated technological iteration, and the rapid reshaping of market demand, Haitai Solar has consistently adhered to prudent operations alongside innovation-driven development. Under higher requirements and more stringent standards, we continued to improve our corporate governance system, made solid progress in green and low-carbon development, comprehensively deepened the fulfilment of our social responsibilities, and balanced the shared sustainable development of the Company and society.

In 2025, we further consolidated our long-term strategic resolve as a smart green energy manufacturer. While consolidating our advantages in the core photovoltaic business, the Company accelerated its expansion into new sectors such as energy storage and hydrogen energy, building a diversified and synergistic green energy ecosystem. During the year, we drove product upgrades through technological innovation, and the mass-production conversion efficiency of the Taihe 3.0 series of high-efficiency modules reached an industry-leading 24.8%. With a global perspective, we expanded our market presence, advancing both domestic and international businesses in tandem and continuously optimising our revenue structure. We enhanced efficiency through intelligent manufacturing, leveraging a national-level green factory and a China National Accreditation Service for Conformity Assessment (CNAS) laboratory to empower quality and low-carbon development. By leveraging digital and automated investments, we further optimised quality control, intelligent scheduling, and green operations in the manufacturing process, responding to the diversified needs of customers and the market with more efficient, reliable, and greener products and services.

In 2025, we not only pursued green and low-carbon operations in our own operations, but also committed ourselves to supporting global carbon reduction through our products. The Company prioritised the use of clean energy and adopted a self-generation and self-consumption photovoltaic model, making every effort to reduce reliance on traditional fossil fuels. During the reporting period, self-generated and self-consumed photovoltaic power generation reached 4,166,200 kWh. In line with the rapidly rising demand for low-carbon products, we continued to advance lifecycle management of our products and completed carbon footprint certification for photovoltaic modules, using technological innovation to support emissions reduction across the entire chain of new energy products. While realising environmental benefits, we also created considerable economic value, demonstrating our firm commitment to the circular economy and sustainable development.

In 2025, we remained people-oriented, continued to devote ourselves to social welfare, and actively participated in rural revitalisation. The Company further strengthened the development of the occupational safety system, optimised the work safety accountability system, risk control mechanism, and emergency response system, and safeguarded the bottom line of operational safety. Employees are the most important creators of corporate value. We comprehensively implemented the protection of employee rights and interests, and were committed to continuously building a safe, growth-oriented, and caring corporate culture, creating a transparent, fair, and sustainably developing working environment. The Company upheld its responsibility to "make green energy benefit a wider population". Through initiatives such as bringing new energy to rural areas, industrial assistance, and educational support, we continuously carried out public welfare actions and social contribution projects, leveraging our corporate strengths to support regional development and social well-being.

Looking ahead, tackling climate change, safeguarding energy security, and promoting inclusive growth remain common global challenges. Haitai Solar will always be driven by technological innovation, grounded in corporate governance, and guided by stakeholder expectations, continuously enhancing ESG management effectiveness and transparency of disclosure. We will advance the improvement of our governance system with stricter standards, higher quality, and stronger resilience; drive the upgrading of green energy through technological innovation; give back to global customers with reliable products; and work hand in hand with stakeholders in a responsible manner to jointly build a greener, more resilient, and fairer energy future.

Every technological breakthrough, every product delivery, and every responsible practice is a solid step towards a sustainable future. Haitai Solar is willing to stay true to its original aspiration of sunshine, undertake the mission of the times, and join you on a new green journey!

Chairman of Haitai Solar

Wang Yong

Entering Haitai Solar

Haitai Solar was established in 2006 and was listed on the Beijing Stock Exchange on 8 August 2022, with stock code 920985. The Company is a high-tech enterprise rooted in the green energy sector, committed to becoming a more valuable intelligent manufacturer of green energy, and has built a diversified and synergistic green energy industry ecosystem. Relying on reliable product quality and professional solutions, the Company has won wide recognition in domestic and international markets, and our marketing and service network now covers the globe.

Main Business

Haitai Solar started with photovoltaic module manufacturing and gradually expanded into the current diversified energy sector, striving to build a clean energy ecosystem featuring the diversified synergy of "wind, solar, hydrogen, and energy storage". Our main businesses cover nine major business segments, namely photovoltaic modules, photovoltaic power plants, photovoltaic mounting systems, energy storage, hydrogen energy, wind energy, photovoltaic cells, graphite electrodes, and battery swapping services, providing global customers with more valuable green energy solutions in a diversified and systematic manner.

海泰新能 Haitai Solar

Development History

In 2006
- Haitai Solar was founded.

In 2008
- our mature R&D and technical capabilities enabled us to fully enter the photovoltaic industry.

In 2011
- a 600MW Solar Module Production Line was officially launched;
- we co-established the "Haitai Solar Cell R&D Centre" with the Institute of Electrical Engineering, Chinese Academy of Sciences.

In 2013
- we were shortlisted for the Ministry of Industry and Information Technology's photovoltaic manufacturing access list;
- passed the acceptance tests of Hebei Province Engineering Laboratory;
- we established partnerships with Sharp and BYD, fully expanding into the Japanese market.

In 2016
- we obtained "Pioneer" power degradation certification in the first-year.

In 2017
- we entered the photovoltaic power plant sector;
- recognised as a Hebei industrial enterprise R&D institution.

In 2020
- we were recognised as a Tier 1 module manufacturer.

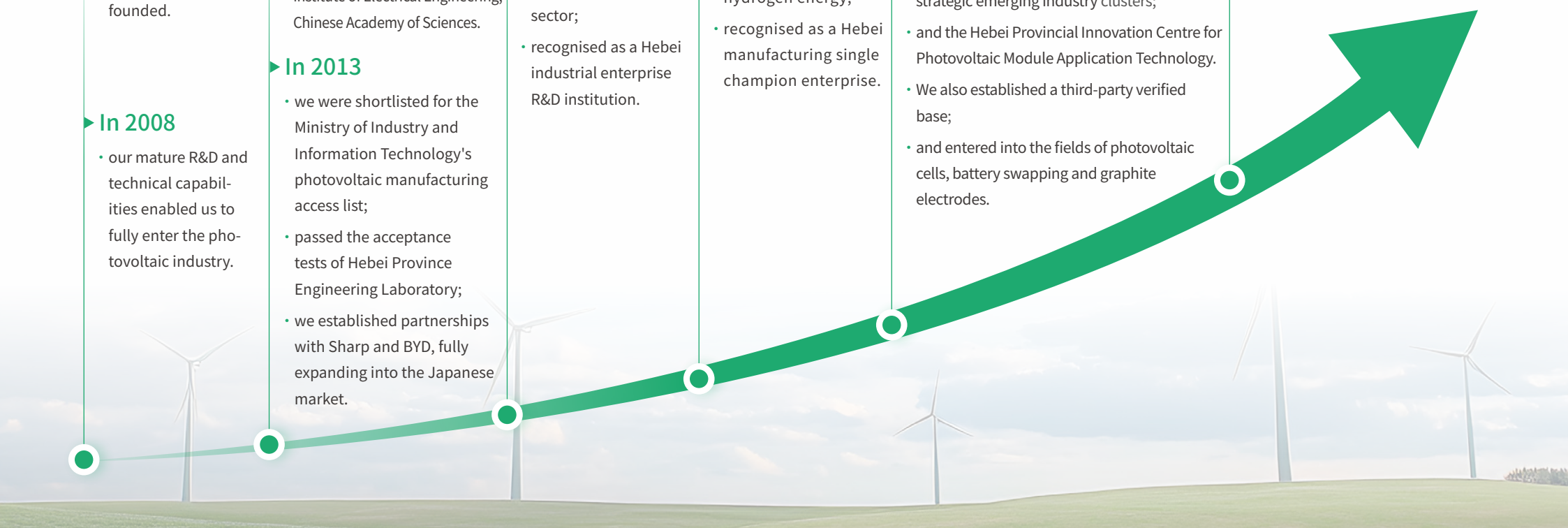
In 2021
- we entered into the fields of photovoltaic mounting systems, energy storage, and hydrogen energy;
- recognised as a Hebei manufacturing single champion enterprise.

In 2022
- we were listed on the Beijing Stock Exchange;
- entered the wind energy sector;
- recognised in the sixth batch of green supply chains.

In 2023
- we were recognised as a national-level outstanding scenario under the smart manufacturing pilot and demonstration programme;
- a national-level green factory;
- a leading science and technology enterprise in Hebei Province;
- a backbone enterprise within Hebei Province's strategic emerging industry clusters;
- and the Hebei Provincial Innovation Centre for Photovoltaic Module Application Technology.
- We also established a third-party verified base;
- and entered into the fields of photovoltaic cells, battery swapping and graphite electrodes.

In 2024
- we established a national-level CNAS laboratory;
- we were recognised as a national-level intelligent photovoltaic pilot demonstration enterprise;
- and expanded our marketing network worldwide.

In 2025
- we were once again ranked among the Global Top 500 New Energy Enterprises;
- and initiated the world's first Green Energy RWA Alliance.



Business Distribution

The business layout of Haitai Solar has significant global characteristics, maintaining stable and close cooperative relationships with enterprises in multiple countries and regions around the world. During the reporting period, overseas revenue accounted for 17.39% of the Company's total revenue.

Corporate Culture

Corporate Vision To become a more valuable green energy intelligent manufacturer

Corporate Mission Committed to providing high-quality products and services, making solar more valuable

Core Values

Customer Succes：Achieving customer success is achieving our own success

Open-Mindedness: Embrace changes with an open mind to create success together

Full Commitment: Give full commitment to create value for customers and contribute to the Company's continuous growth

Pursuit of Excellence: Continuously pursue higher goals under the guidance of our mission and vision

Honours and Recognitions

2024 Advanced Collective for Promoting the High-Quality Development of Tangshan
Tangshan Municipal Committee of the Communist Party of China, Tangshan Municipal People's Government

2024 Municipal Charitable Enterprise of Tangshan
Tangshan Charity Federation

Global New Energy ESG Top 100 List
Asia-Pacific New Energy Industry Association

2024 Advanced Unit for Work Safety
Tangshan Work Safety Association

2024 Annual PV Technology Innovation Award
International Energy Network, National Energy Group New Energy Technology Research Institute

PVBL Global Top 100 Solar PV Brands Certificate
Photovoltaic Brand Laboratory (PVBL), Century New Energy Network

2025 Global Top 500 New Energy Enterprises
China Energy News, China Institute of Energy Economics

2025 Most Innovative Module Enterprise in the PV Industry
PV Industry Network, Energy Storage Industry Network

2025 Influential C&I PV Brand Enterprise
PV Industry Network, Energy Storage Industry Network

Energy Storage Application Award - Corporate Category
Asian Photovoltaic Industry Association

High-Tech Enterprise
Ministry of Industry and Information Technology

Sustainability Management

ESG Governance Framework

Haitai Solar highly values ESG management, fully recognises its critical role in guiding the Company's future development, and has integrated sustainable development into its overall strategic blueprint. The Company has established a three-tier governance system with clearly defined powers and responsibilities, comprising the Board of Directors, the ESG Working Group, and various functional departments and business divisions, with the functions and division of responsibilities at each level clearly defined. Building on this framework, the Company has incorporated the potential impacts, risks and opportunities arising from environmental, social and governance dimensions into all major decisions and business operations, providing robust governance support for advancing sustainable and high-quality development.

ESG Governance Framework

Decision-Making Level — Board of Directors

- Bears the highest decision-making and ultimate responsibility for our ESG matters. Its supervisory responsibilities include:
- Core ESG topics such as climate change, work safety, and compliant operations;
- Overall responsibility for the approval and supervision of the Company's ESG strategic planning, target setting, policy formulation, and implementation;
- Review and approval of the ESG annual report and major ESG risk and opportunity management matters.

Management Level — ESG Working Group

- The Company has established an ESG Working Group, led by a Vice General Manager as Group Leader and with members of the Board serving as Deputy Leaders, to coordinate and advance ESG-related work and formulate sustainability objectives;
- Responsible for formulating the annual ESG work plan and action programmes;
- Responsible for continuously tracking ESG performance and systematically identifying relevant risks and opportunities;
- Responsible for coordinating various functional departments and business divisions to promote the implementation of ESG initiatives.

Execution Level — Functional departments and business divisions

- Responsible for identifying and assessing the potential impacts of ESG risks (including climate change) on the Compan's operations and development;
- Collaborating with the ESG Working Group to complete information disclosure and management improvement;
- Regularly summarising and reporting progress on ESG targets, reviewing achievements and issues, and providing systematic reports to senior management.

Communications with Stakeholders and Due Diligence

Haitai Solar highly values communication with all stakeholders and has established regular and diversified communication mechanisms with government and regulatory authorities, shareholders and investors, customers, employees, suppliers, and other parties. Through performance briefings, investor research and other activities, the Company has maintained close interaction with the capital market and conducted in-depth exchanges on topics such as industry trends, the Company's operations, and technological development. To systematically strengthen ESG management and improve the quality of information disclosure, Haitai Solar has also established an internal review and assessment process, which includes multiple stages such as data collection, on-site inspections, and risk assessment. Led by the Board Secretary's Office, this process conducts due diligence on all relevant departments, aiming to proactively identify key elements related to sustainable development in the Company's operations and provide a reliable basis for strategic decision-making and performance improvement.

Haitai Solar's Communications with Stakeholders

Stakeholder	Government and regulatory authorities	Shareholders and investors	Customer	Employeer	Supplier	Community and the public
Key Topics of Concern	• Tax Payments According to Law • Compliant Operations • Pollutant Discharge • Waste Disposal	• Innovation-Driven • Safety and Quality of Products and Services • Corporate Governance • Risk and Compliance Management • Business Ethics	• Innovation-Driven • Safety and Quality of Products and Services • Information Security and • Customer Privacy Protection • Supply Chain Security	• Employee Rights and Interests • Employee Training and Development • Occupational Health and Safety	• Innovation-Driven • Supply Chain Security • Anti-Unfair Competition • Business Ethics	• Emission Treatment • Climate Change Tackling • Contributions to the Society • Rural Revitalisation
Communication Methods/ Channels	• On-site communication with the tax authority • Cooperation with regulatory agency inspections • Participation in government research activities • Information disclosure	• Shareholders' Meeting • Performance briefings • Exchange interaction • Investor exchanges	• Customer satisfaction surveys • After-sales services and complaints • Customer exchanges • Product exhibitions and sales • Company official website	• Internal management meetings • Relevant training courses and seminars • Communication meetings at all levels • Conducting occupational • health examinations	• Incorporating ESG standards into supplier evaluation • Long-term and stable cooperation • Industry seminars and exchanges	• Active participation in social activities • Environmental protection publicity

Management of Material Topics

Haitai Solar has continuously carried out ESG material topic assessment and analysis, closely focused on the actual impacts of the Company's diversified business encompassing wind power, PV, hydrogen generation, and energy storage, comprehensively considered policies and regulations, regulatory developments, industry trends, and expert opinions, and assessed material topics from two dimensions: impacts on the economy, environmental, and society ("impact materiality") and value creation for the enterprise itself ("financial materiality"), thereby forming a matrix of key topics to guide ESG strategy and management.

Process for Identifying and Analysing Material Topics

Step 1 — Understand the Company's background

Activities and business relations: Analyse the Company's core business, strategic plans, major products and their distribution, business relations, etc.

Analysis of the external objective environment: Learn about external documents such as laws and regulatory policies related to Haitai Solar to gain a comprehensive understanding of our external environment.

Analysis of key affected stakeholders: Learn about the current stakeholder engagement methods and the impacts, risks, and opportunities the Company faces.

Step 2 — Make a list of topics

Using the 21 topics set out in *Guidelines No. 11 of Beijing Stock Exchange for the Ongoing Supervision of Listed Companies—Sustainability Report (Trial)* as the basis for the topic list, and taking into account relevant national policies and industry characteristics, identify additional topics of financial or impact materiality through stakeholder feedback, peer benchmarking, and due diligence, thereby refining and completing the topic list.

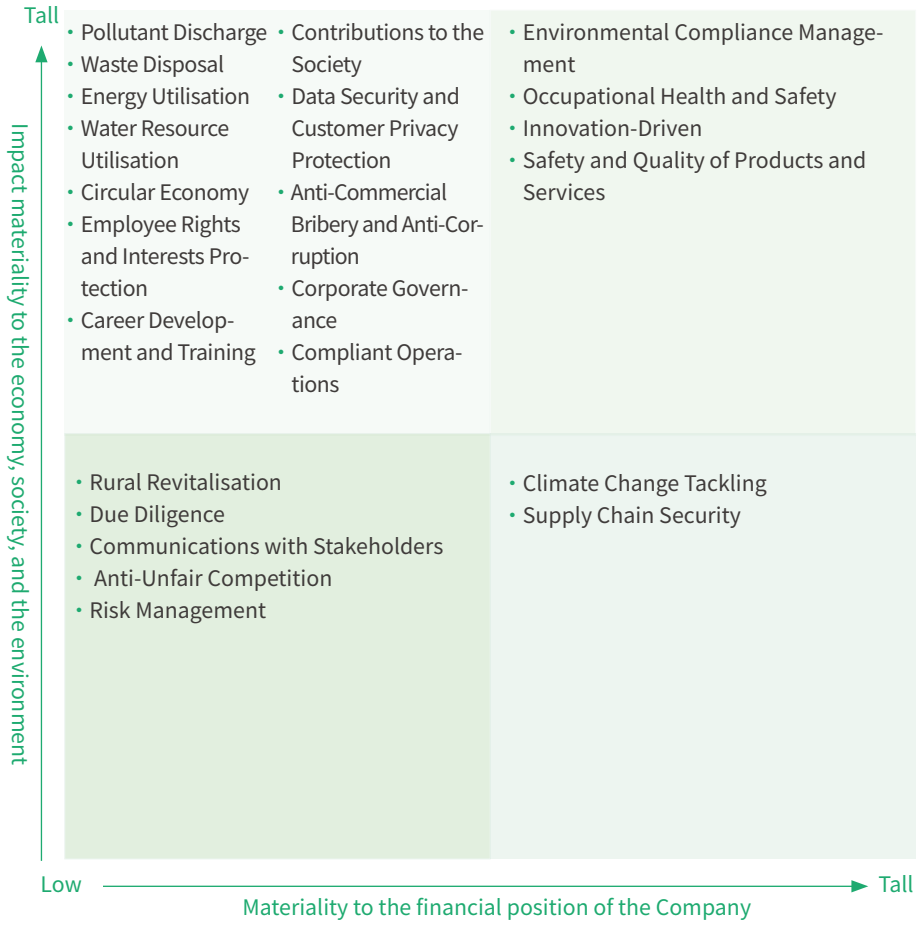
Step 3 — Assess and confirm topic materiality

Assess the dual importance of each topic and determine the priority of topics based on the industry and business characteristics of the Company, as well as the results of the due diligence and assessment from sustainability experts.

Step 4 — Disclose topic materiality information

Construct a materiality topic matrix based on the results of the topic evaluation. For dual materiality topics and topics with financial materiality but without impact materiality, conduct key disclosures in the report in accordance with the four core elements of *Guidelines No. 11 of Beijing Stock Exchange for the Ongoing Supervision of Listed Companies—Sustainability Report (Trial)*.

Haitai Solar's 2025 ESG Dual Materiality Topics Matrix



Sustainable Development Goals (SDGs) of the UN

Section 1

Compliant Governance, Leading the Way with Transparency

Haitai Solar places compliant operations at the strategic core of corporate development, and is committed to building a compliant, efficient, and transparent corporate governance system. The Company has established a systematic management system, using it as the fundamental safeguard for our steady operations. At the same time, the Company has adhered to the highest standards of business ethics, adopted a zero-tolerance approach to corruption, and fostered an incorruptible and fair corporate image. By continuously optimising the governance mechanism, Haitai Solar has strived to comprehensively enhance its governance standards and market competitiveness, thereby providing crucial and solid support for achieving sustainable development goals.

Robust Governance

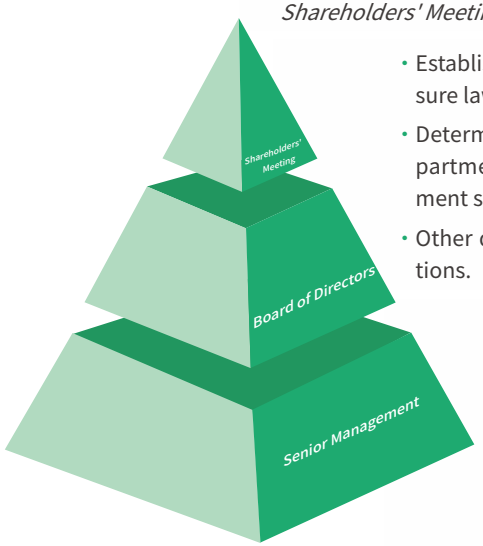
Haitai Solar has strictly complied with laws, regulations, and regulatory requirements such as *Company Law of the People's Republic of China, Securities Law of the People's Republic of China, and Measures for the Ongoing Supervision of Listed Companies on the Beijing Stock Exchange (Trial)*, and established a corporate governance framework comprising the Shareholders' Meeting, the Board of Directors, and Senior Management. In conjunction with institutional documents formulated by the Company, such as *Articles of Association, Rules of Procedure for Shareholders' Meeting, Rules of Procedure for Board of Directors Meetings*, and Working Policy for Independent Directors, we have continuously optimised the information disclosure mechanism, with the aim of ensuring that our operation and management were lawful and compliant, improving operational efficiency and effectiveness, and promoting the achievement of our development strategy, thereby safeguarding the Company's long-term, stable, and healthy development.

Corporate Governance

Haitai Solar has established a corporate governance framework with clearly defined powers and responsibilities and standardised operations comprising the Shareholders' Meeting, the Board of Directors, and Senior Management. Through clear rules of procedure and authorisation mechanisms, the Company has defined the duties, powers and authorities of each body, ensuring that the decision-making, execution and supervision processes remained mutually independent while operating in a coordinated manner. Through continuous institutional development, the Company has consolidated and improved this governance framework, ensuring that its operation was standardised, orderly and efficient.

The Company has continuously strengthened the professional capability development of its directors and senior management members, systematically organising participation in various topic-based learning initiatives launched by regulatory authorities, industry organisations, and within the Company, thereby driving the continuous optimisation of the corporate governance structure and effectiveness, ensuring compliant operations, and safeguarding steady and sustainable development.

Governance Framework



- Responsible for playing a leading role in internal control work and performing relevant duties in accordance with the Company's *Articles of Association*, the *Rules of Procedure for Shareholders' Meeting*, and other regulations.

- Establish and implement a sound and effective internal control system to ensure lawful and compliant operations of the Company;
- Determine the structure and functions of internal control management departments; review and approve the fundamental internal control management systems of the Company;
- Other duties as stipulated in the Articles of Association and relevant regulations.

- Formulate corresponding systems, procedures, and methods based on the Company's risk profile, and adopt effective risk prevention and control measures;
- Establish and improve internal organisational structures to ensure effective fulfilment of internal control responsibilities;
- Other duties as stipulated in the Articles of Association and authorised by the Board of Directors.

Convening of Governance Meetings

Number of shareholders' meetings	Number of Board of Directors meetings	Attendance of members at Board of Directors meetings	Number of directors attending less than 75% of meetings	Number of Audit Committee meetings
4	7	100%	0	5

Board Diversity

Haitai Solar has attached great importance to Board diversity and issued a Board diversity statement to help enhance the scientific and forward-looking nature of the Board of Directors' decision-making. In the diversity management policy *Rules of Procedure for the Board of Directors* formulated by the Company, we clearly regulated the composition, responsibilities, and operating procedures of the Board of Directors. The Company's Board of Directors attaches importance to balancing the professional backgrounds and diverse composition of its members, requiring Board members to possess a multidisciplinary knowledge structure as well as extensive industry and management experience.

In terms of Board of Directors' composition, the Company follows a practice of re-electing the Board of Directors every three years. While taking into account members' professional capabilities and diverse backgrounds, it conducts thorough discussions and decision-making on proposals through an efficient meeting mechanism, thereby safeguarding the compliance and scientific soundness of the Company's major decisions. During the reporting period, the Board of Directors of Haitai Solar consisted of eight directors, including three independent directors, accounting for 37.5%; the Board of Directors included two female directors, accounting for 25%.

Structure of the Board of Directors' Members

Board members

8 person (s)

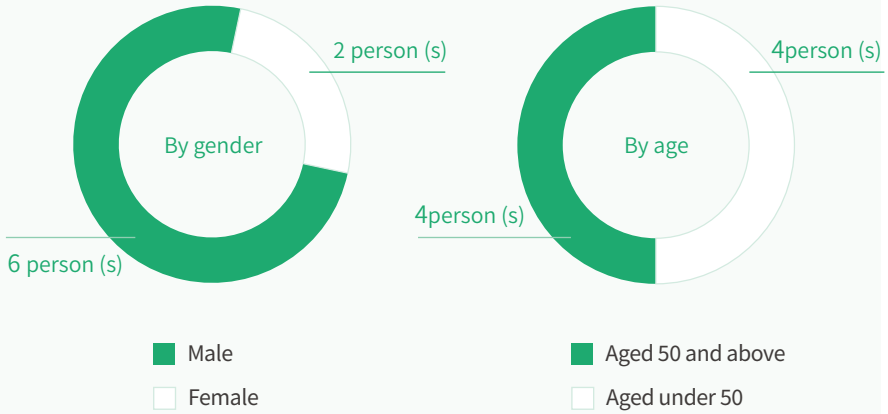
Number of independent directors

3 person (s)

By educational background

Bachelor's degree or above

6 person (s)



Investor Relations

Haitai Solar regards investor relations management as a key component of our corporate governance system and an important practice in fulfilling our corporate vision. The Company has strengthened communication with investors and potential investors through facilitating the exercise of shareholders' rights, information disclosure, interactive exchanges, and the handling of appeals, thereby enhancing investors' understanding and recognition of the Company, with a view to improving the Company's governance standards and overall corporate value.

Haitai Solar has formulated the Investor Relations Management Policy to ensure that the relevant work operates in a standardised and efficient manner within the framework of laws and regulations such as the Company Law of the People's Republic of China, the Securities Law of the People’ s Republic of China, and the Articles of Association. The Company is committed to establishing a regular, two-way interactive communication mechanism with investors through multidimensional channels such as performance briefings, the official website, the official account, the investor hotline, and on-site surveys.

Information Disclosure

Haitai Solar has attached great importance to high-quality information disclosure, established the Information Disclosure Management Policy and strictly ensured its implementation, effectively safeguarding investors' right to know and legitimate rights and interests. The Company has strictly complied with the relevant provisions on information disclosure, continuously improved the quality of disclosed content, and ensured the authenticity, accuracy, completeness, and timeliness of all announcements and reports. At the same time, the Company formulated supporting policies including the Internal Reporting Policy for Material Information and Management Policy for Deferral and Exemption of Information Disclosure, strengthening the full-process management of inside information through systematic internal reporting procedures and review mechanisms, and eliminating the risks of insider trading and information leakage.

Key Performance Highlights

99 disclosure report documents in 2025

Inquiry Channels for Information Disclosure Matters

Information disclosure inquiry

0315-5051825

Fax

0315-5051801

Email

ht@htsolargroup.com

Compliant Operations

Haitai Solar adheres to lawful and compliant operations, and continuously improves its risk management and internal control systems. The Company has strictly complied with laws, regulations, and related supporting guidelines such as *Basic Norms for Enterprise Internal Control*, and continuously built and improved our internal control system around core elements such as the control environment, risk assessment, control activities, information and communication, and supervision. The Company has ensured that all management controls functioned at key points in business processes, effectively safeguarding compliance in business execution and the controllability of risks. In accordance with the needs of the internal and external environment and strategic development, Haitai Solar has established a mechanism for the regular assessment and revision of systems and policies, so as to achieve the continuous optimisation and iterative upgrading of the governance system and safeguard the Company's steady and long-term development.

Internal Control Compliance

Compliance management has a significant impact on the operational stability, reputation maintenance, and financial performance of Haitai Solar. In accordance with *Basic Norms for Enterprise Internal Control* and relevant guidelines, and in light of our actual circumstances, Haitai Solar has specifically formulated the *Haitai Solar Internal Control Manual* to ensure lawful and compliant operation and management, asset security, the truthfulness and integrity of information, and operational efficiency and effectiveness, thereby promoting the achievement of our strategic objectives.

Internal Control Management Framework

Shareholders' Meeting

- Play a leading role in internal control work and perform relevant duties in accordance with the Company's *Articles of Association*, *Rules of Procedure for Shareholders' Meeting*, and other regulations.

Board of Directors

- Establish and implement a sound and effective internal control system to ensure lawful and compliant operations of the Company;
- Determine the structure and functions of internal control management departments;
- Review and approve the fundamental internal control management policies of the Company;
- Other duties as stipulated in the Articles of Association and relevant regulations.

Managers

- Implement decisions of the Board of Directors regarding internal control management;
- Formulate corresponding systems, procedures, and methods based on the Company's risk profile, and adopt effective risk prevention and control measures;
- Establish and improve internal organisational structures to ensure effective fulfilment of internal control responsibilities;
- Other duties as stipulated in the Articles of Association and authorised by the Board of Directors.

Audit Department

- Responsible for organising, coordinating, and implementing the Company's internal control work.

Other departments

- Assist the audit department in carrying out internal control evaluations and organise remediation of identified internal control deficiencies;
- Responsible for the execution of relevant internal control work within their respective departments.

The Company has strictly implemented internal control management-related policies, and rigorously carried out internal control compliance management across multiple aspects of corporate operation and management, including tax management, audit management, environmental management, safety management, and employment management. During the reporting period, the Company was not subject to any administrative penalties imposed by the relevant administrative supervision and management authorities.

Tax Management

Haitai Solar formulated the *Tax Management Measures* in accordance with relevant laws and regulations such as the *Law of the People's Republic of China on the Administration of Tax Collection and the Law of the People's Republic of China on Enterprise Income Tax*, in order to ensure that the Company's tax management operates lawfully, compliantly, and efficiently, while establishing a systematic tax risk prevention and control mechanism.

The Company has established a tiered tax organisational structure and clearly implemented a tax management accountability system. To ensure full-process compliance in tax treatment, the Company has also established a finance-business coordination mechanism, requiring the finance department and business departments to communicate in advance on tax-related clauses in contracts, with the finance department providing professional tax opinions.

The Company conducts a comprehensive tax risk identification and assessment at least once a year, reviews and analyses tax-related aspects of its operating activities, comprehensively assesses potential risk points and their impacts, and formulates targeted risk response strategies accordingly. The Company has established effective internal control mechanisms by implementing internal control measures at key stages, so as to achieve whole-process management and control of tax risks. The Company has upheld a cooperative attitude, actively cooperated with lawful inspections by the tax authorities, and, upon receipt of the inspection conclusions, carefully reviewed them, promptly formulated and implemented improvement plans, and continuously improved the closed-loop tax management system.

Audit Management

To continuously strengthen internal supervision mechanisms and enhance audit effectiveness to safeguard the Company's compliant operations, Haitai Solar formulated internal audit management policies such as *Internal Audit Work Policy*. The Company's Audit Department is responsible for key duties including establishing and improving the internal audit system, formulating and implementing annual audit plans, and organising and carrying out various special audits and issuing reports. Under the professional guidance of the Audit Committee, the Audit Department performs its duties, is staffed with full-time audit personnel, and operates independently of the finance department, so as to ensure the independence of audit work.

Haitai Solar has also established strict appointment and supervision mechanisms for external auditing. The Company strictly reviews and evaluates the professional qualifications, business capabilities, and independence of external accounting firms, and supervises their audit work throughout the entire process. During the reporting period, the Company changed its annual auditor based on a prudent assessment of its audit service needs. Under the effective supervision of the Audit Committee, the Company's financial reports over the years have all received standard unqualified audit reports issued by accounting firms.

Anti-Commercial Bribery and Anti-Corruption

Haitai Solar profoundly recognised that sound business ethics and anti-corruption mechanisms are key to ensuring long-term steady operations. The Company has always regarded operating with integrity as the core of corporate development, and has actively built an honest, clean and compliant operating environment. We have established a clean governance and anti-corruption management structure, with the Board of Directors taking responsibility and the Audit Department specifically carrying out the relevant work.

Haitai Solar's Integrity and Anti-Corruption Framework

Board of Directors

It assumes ultimate oversight and strategic guidance responsibility for the Company's anti-corruption and anti-bribery efforts.

Audit Department

As the executive body, it is responsible for the specific organisation and implementation of various anti-corruption measures, and systematically identifies and prevent corruption and bribery risks through specialised processes and means.

Haitai Solar has actively promoted the internal dissemination and deepening of a culture of integrity. During the reporting period, the Company organised anti-corruption and anti-bribery training covering 195 attendances by employees in key positions, aiming to enhance anti-corruption awareness among all staff and guide all employees and business partners to jointly adhere to high standards of ethical conduct, thereby building the Company's ethical defence line and sustainable competitiveness.

In addition to internal anti-corruption requirements, the Company also imposed anti-corruption requirements on our partners. The Company includes dedicated "Integrity Clauses" and "Commercial Bribery Clauses" in key business contracts, or signs integrity agreements, to expressly prohibit any form of bribery in written form. Once any act of commercial bribery is discovered, we take serious measures in accordance with laws, regulations and contractual provisions, such as pursuing legal liability and terminating cooperation.

Reporting and Complaints Concerning Commercial Bribery

Haitai Solar has established multichannel reporting and complaint mechanisms for all employees, partners (including customers and suppliers, etc.) and the public, encouraging and accepting named or anonymous reports concerning any suspected violations of laws and regulations, Company systems, or professional ethics. The Company is committed to implementing dedicated confidentiality procedures for all reported information. Through strict process controls and access segregation, we safeguard the personal information security of whistle-blowers and prevent them from suffering retaliation as a result of reporting. The Company adheres to a "zero-tolerance" principle towards retaliation and has established clear protection policies and measures to provide robust safeguards for all parties who report in good faith and based on facts. The Company has established standardised procedures for the acceptance, investigation, feedback, and filing of received reports, to ensure that every clue is handled in a timely and appropriate manner, safeguarding the fairness and effectiveness of the whistleblowing mechanism.

Haitai Solar Reporting Hotline	Haitai Solar Reporting Address	Haitai Solar Reporting Email
17692566344	88 Haomen Road, Yutian County, Tangshan City, Hebei Province	shenjibu@htsolargroup.com

Key Performance Highlights

No incidents related to commercial bribery occurred

13 special meetings for the Company's Party Committee on integrity warning education, Party conduct and integrity building, and anti-corruption were organised

Anti-Unfair Competition

Haitai Solar has always regarded compliant operations as the fundamental principle for our survival and development, strictly complied with relevant national laws and regulations such as *Anti-Unfair Competition Law of the People's Republic of China*, formulated a series of internal control and management systems centred on the *Internal Control Policy*, and incorporated the requirements of anti-monopoly and fair competition into the Company's overall compliance management system. The Board of Directors bears the ultimate supervisory responsibility for the Company's compliance management, while the Senior Management is responsible for the specific implementation and day-to-day management of the relevant systems. In its public statement, Haitai Solar clearly stated that it actively advocates concepts such as "fair competition and opposition to involution-style competition", which constituted the Company's core position in this area.

The Company has continued to strengthen risk management for anti-unfair competition, and conducted routine reviews and monitoring of our own business activities, so as to proactively identify and eliminate potential hidden risks. In business practices, the Company has insisted on relying on technological innovation, product quality, and customer service to build our core market competitiveness, and explicitly rejected any form of unfair competition. The Company is committed to upholding the principles of fairness, impartiality, and openness in transactions with all partners, and to clearly defining rights, responsibilities, and obligations through explicit agreements, thereby preventing compliance risks at the source.

Key Performance Highlightsa

No incidents of lawsuits or significant administrative penalties arising from unfair competition behaviour occurred

Risk Management

Haitai Solar has continuously deepened the construction of its risk management and control mechanisms, and continuously enhanced its ability to respond to various risks. The Company's risk management system is coordinated and led by the President's Office, with the Audit Committee, Compliance Department, and other departments and personnel collaborating in its implementation. The Company has established a full-process management mechanism covering risk identification, risk assessment, risk control, management improvement, supervision, and reporting, thereby realising the systematisation, standardisation, and traceability of risk management. Through systematic, full-process risk management and control arrangements, the Company has continuously enhanced its overall risk management capabilities, providing institutional support for the enterprise's sustained and healthy development.

Haitai Solar Risk Management Framework

President's Office	The Company's President's Office is the decision-making and supervisory body for internal control and risk management, overseeing internal control and risk management work.
Audit Committee	The Audit Committee is fully responsible for the supervision, deliberation, and recommendation of our internal control and risk management. Matters under deliberation must be deliberated prior to the deliberation by the President's Office.
General Manager	General Manager is the primary person responsible for internal control and risk management, responsible for leading the establishment, improvement, and effective operation of an internal control and risk management system covering all business areas, organisational structures, and work positions.
Managers	Managers act as the primary responsible body for internal control and risk management, fully accountable for implementation and execution. The main responsibilities include implementing higher-level resolutions, overseeing system development, reviewing major risk matters, advancing digitalisation, and completing authorised tasks.
Legal and Compliance Department	The Legal and Compliance Department serves as the leading and coordinating department for the Company's internal control and risk management, and is fully responsible for system development, process implementation, early warning monitoring, report preparation, and performance evaluation.
Functional and business departments	As participating units in our comprehensive risk management, functional and business departments implement the requirements of our risk management systems, and cooperate with superior departments in risk management work

Risk Management Procedures

Risk identification

The Company systematically collects internal and external information, identifies risks that may affect strategic and operational objectives, analyses their causes and impacts, and determines corresponding control measures and responsible units, laying a foundation for risk management through the dynamic updating of the internal control risk matrix.

Risk assessment

Our functional departments analyse and evaluate identified risks, analyse the likelihood and conditions of risk occurrence, and assess the extent of the impact of risks on the achievement of our objectives.

Risk control

Based on risk assessment results, combined with our risk appetite and risk tolerance, the Company determines risk response strategies, formulates internal control objectives, clarifies organisational responsibilities, and adopts appropriate control measures to implement effective control over various businesses and matters.

Management improvement

For deficiencies identified during risk management evaluation and monitoring, the Company formulates management improvement plans and continuously tracks and improves them, establishing a long-term linkage mechanism where risk management promotes business enhancement and business development drives the optimisation of the risk management system.

Monitoring and reporting

We conduct continuous monitoring of changes in our risks and the operation of internal controls throughout the entire process, and establish internal control and risk management information communication channels connecting various governance bodies, functional departments, and subsidiaries. We perform real-time monitoring, timely early warning, accurate communication, and comprehensive reporting on our risk management status to promote the effective operation of risk management.

Sustainable Development Goals (SDGs) of the UN

Section 2

Empowerment by Smart Manufacturing, Ensuring Quality and Efficiency

Haitai Solar has focused on its core business of green energy manufacturing, regarding innovation capability, supply chain stability, product quality assurance, and information security management as important development foundations supporting the Company's "intelligent manufacturing upgrade" and "quality assurance". We have continuously improved our R&D innovation system, strengthened supply chain management and collaboration, implemented quality control throughout the product life cycle, and simultaneously advanced data and information security as well as privacy protection, thereby providing systematic safeguards for product delivery, safe operation, and the sustainable development of our business.

Innovation-Driven

Haitai Solar regards technological innovation as an important foundational task supporting product upgrades and business development. Focusing on the R&D management system, talent development mechanisms, and collaborative innovation across the industry, we have continuously advanced the systematic development of our innovation capabilities, promoted the transformation of technological achievements into products and solutions, and provided technical support for our long-term development.

R&D Innovation

Governance

R&D Innovation Management System

Focusing on product upgrading and the development of technological capabilities, Haitai Solar has established policies such as Product Design and Development Control Procedures, Organisation, Implementation, Incentive and Reward Policy for the Commercialisation of Scientific and Technological Achievements, New Material Introduction Control Procedures, and established a technology R&D innovation management system, making standardised arrangements for the research, development and innovation process and providing an institutional basis for the implementation of innovation activities and incentive mechanisms.

Board of Directors

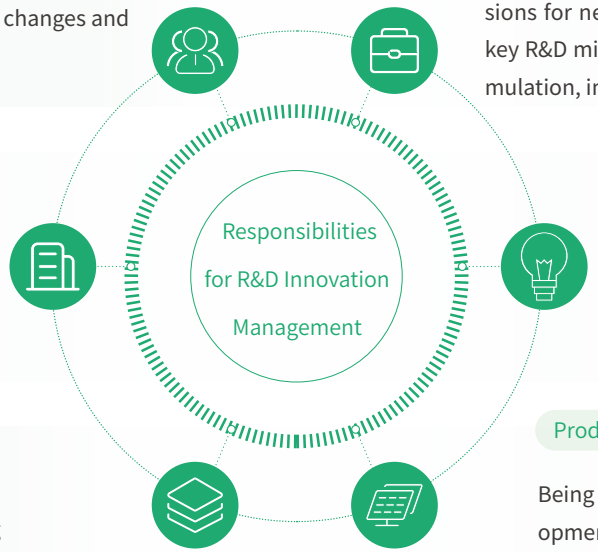
Approving product research and development plans and large-sum or major research and development investment matters, and making decisions on relevant plan changes and project acceptance.

Laboratories

Carrying out product testing and technical verification to support product R&D and quality control.

Technical Support Department

Providing technical support for production and customer application, and assisting in resolving technical issues in product usage.



Senior Management

As the head of R&D innovation, the CTO is responsible for making technical and management-level approval decisions for new products and scientific research projects at key R&D milestones, such as project initiation, scheme formulation, implementation, and testing.

Technology R&D Centre

The Technology R&D Centre is responsible for overseeing the Company's R&D and technological innovation work, and coordinating matters related to product R&D, technical support, and laboratories.

Product R&D Department

Being responsible for the design, research and development, and technological optimisation of photovoltaic products, promoting product upgrades and new product development.

Strategy

In light of the actual circumstances of the Company's R&D activities, Haitai Solar has systematically reviewed the risks and opportunities related to R&D innovation from dimensions including the external regulatory environment, internal R&D management arrangements, and industry technology development trends, and preliminarily identified the current representative key matters, providing a reference basis for the subsequent enhancement of R&D and innovation capabilities and related decision-making.

Risks and Opportunities in R&D Innovation

Type	Description	Impact Timeframe[1]	Impact Dimension	Current Financial Impact	Responses
Risk					
Risk of technological homogenisation	Product R&D primarily follows upstream battery technologies and industry mainstream routes, with limited independent differentiated products, which may weaken market competitiveness	Medium term, long term	Technology, market	Decline in product unit selling prices, pressure on gross profit margins, and slowdown in operating revenue growth	Advance differentiated product R&D in alignment with market demand and application scenarios, strengthen product solution design and technical reviews, and enhance adaptability to segmented scenarios
Risk of new material introduction	Insufficient compatibility between new materials and existing products or equipment, which may affect product performance or production line efficiency	Short term, medium term	Quality, operations	Resulting in rework, decreased efficiency, and additional testing costs	Conduct laboratory verification and small-batch testing prior to material introduction, and implement application in stages to reduce the impact on mass production
Risk of product certification progress	Failure to complete product certification in a timely manner or failure to pass tests may lead to delays in product launch or order delivery	Short term, medium term	Market, compliance	Rising certification costs, and postponed revenue recognition caused by delays in order delivery	Plan certification requirements in advance, synchronously carry out testing and document preparation in conjunction with product development progress, and strengthen communication and coordination with certification bodies
Risk of technical support error	Insufficient confirmation or deviations in the transmission of technical information for orders may result in products failing to meet customer requirements	Short term	Customers, operations	Incurring rework and after-sales compensation costs, increasing selling expenses, and impacting revenue stability	Improve the technical review process for orders, and strengthen information communication and cross-checking between the technical department and sales and production
Opportunities					
Opportunities from high-efficiency module technology iteration	The continuous evolution of high-efficiency technologies such as N-type cells and TOPCon provides space for product upgrades in module performance and system efficiency optimisation	Medium term	Technologies and products	Increasing product unit prices and gross profit margin levels, driving growth in operating revenue	Follow mainstream technology roadmaps and continuously promote product optimisation in key indicators such as efficiency and reliability
Opportunities from application scenario segmentation	Photovoltaic applications are expanding into distributed, commercial and industrial, and diversified scenarios, with different scenarios presenting differentiated requirements for module performance and structure.	Medium term, long term	Markets, products	Expanding the scale of sales and increasing sources of operating revenue	Carry out product design based on specific application scenarios and promote differentiated and customised R&D
Opportunities from the accumulation of R&D and verification capabilities	R&D laboratories and testing conditions have been progressively improved, providing support for the verification of new materials and products and the transformation of research findings	Medium term	Technology, efficiency	Reducing repeated testing and trial production costs, and improving the efficiency of R&D expense utilisation	Leverage laboratory testing and verification capabilities to support new technology evaluations and product introduction decision-making

[1]Short-term: within one year (inclusive) after the end of the sustainable information reporting period; Mid-term: one to five years (inclusive) after the end of the sustainable information reporting period; Long-term: more than five years after the end of the sustainable information reporting period.

Haitai Solar has taken new energy business as its foundation, regarded independent research and development as an important component of building technological capabilities, and continuously promoted the cultivation of independent innovation capabilities. The Company has established a national-level CNAS laboratory, provincial-level engineering laboratory, enterprise technology centre, technology innovation centre, and outdoor empirical testing base, obtained the corresponding qualification certifications, and developed comprehensive reliability testing capabilities, providing support for product research and development, technology verification, and performance evaluation.

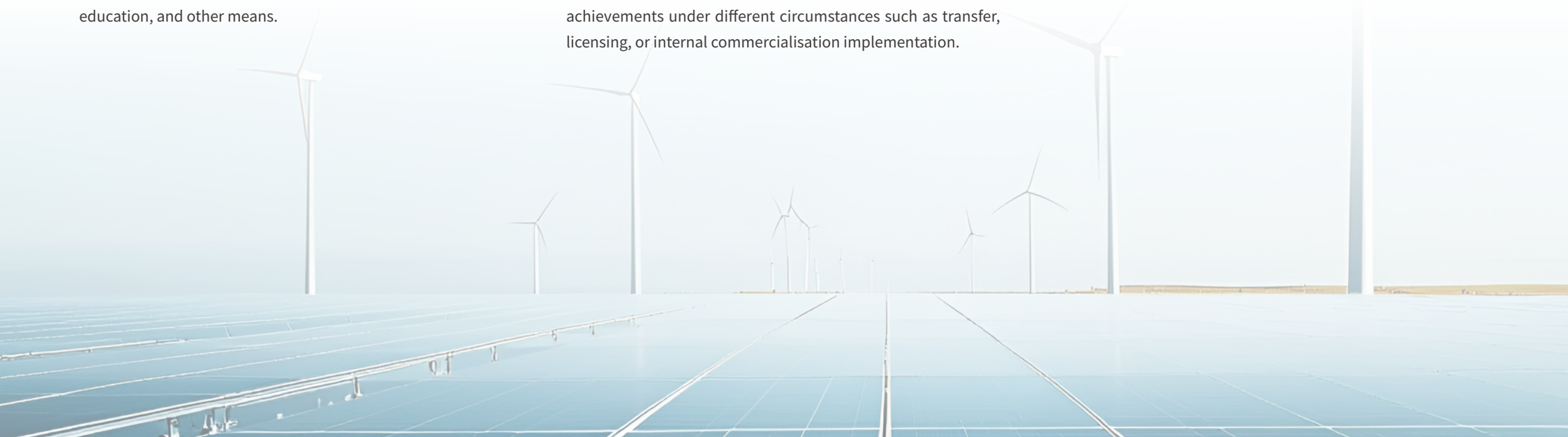
R&D Talent Developmen

Haitai Solar regards R&D talent as important support for technological innovation and product iteration. In line with job requirements and business development needs, the Company formulated and implemented policies such as *Training and Further Education Policy for Scientific and Technical Personnel, Employee Skills Training Policy, Administrative Measures for the Introduction of Outstanding Talent*, established a talent development mechanism oriented towards the enhancement of job competencies, and supported the continuous improvement of R&D personnel in professional skills and practical capabilities through mentoring, specialised training, continuing education, and other means.

Innovation Incentives

In terms of innovation incentives, Haitai Solar has established an incentive mechanism oriented towards the commercialisation of technological achievements, encouraging R&D personnel to translate technological achievements into products and solutions with practical application value. The Company has formulated the *Organisational Implementation and Incentive Reward Policy for the Commercialisation of Scientific and Technological Achievements*, established an innovation and entrepreneurship platform, and made clear arrangements for the organisational implementation, revenue management, and incentive distribution of scientific and technological achievements under different circumstances such as transfer, licensing, or internal commercialisation implementation.

The relevant incentive mechanisms are implemented in parallel with the Company's existing remuneration and performance system, and the incentives arising from the commercialisation of scientific and technological achievements do not affect the original remuneration and performance distribution of R&D personnel. Through institutionalised achievement recognition and benefit distribution arrangements, the Company, while ensuring compliant management of technological achievements, has supported R&D personnel in carrying out innovative exploration within the established framework, and promoted the alignment of R&D achievements with actual business needs.



Impact, Risk, and Opportunity Management

The Haitai Solar Technology R&D Centre and its subordinate departments have identified, assessed, and responded to potential risks and opportunities that might arise in daily production and R&D activities, and continuously improved relevant safeguard measures in light of actual circumstances, so as to enhance the Company's ability to monitor and prevent risks during the R&D and operational processes.

During the project initiation and preliminary research stages, in conjunction with the Risk Assessment Management Policy and the practical experience of various relevant departments, we systematically identify and review potential risks in areas such as R&D, quality, and intellectual property

The Board of Directors, the Technology R&D Centre, and other relevant departments assess the probability of occurrence, scope of impact, and potential losses of identified risks through project review mechanisms, determine risk levels, and implement approval and supervision

The R&D Director and relevant technical personnel formulate and implement corresponding risk response plans based on the risk assessment results, take targeted measures for potential issues, and follow up on the implementation status

We conduct dynamic tracking of identified risks, and adjust R&D directions or resource allocation in a timely manner based on R&D progress and changes in the external environment. In conjunction with mechanisms for the commercialisation of technological achievements and incentive and reward policies, we ensure alignment between project objectives and the Company's overall development strategy.

Metrics and Targets

Technological research, development and innovation activities are an important component of the continuous evolution of Haitai Solar's product system. In light of our business development stage and technological pathways, the Company has set relevant qualitative and quantitative targets respectively, and regularly tracked the progress of target achievement, making timely adjustments to provide reference for the allocation of research and development resources and the selection of technological routes. During the reporting period, the Company continuously strengthened the development of its research and development capabilities, and explicitly proposed a management target of research and development investment of no less than 3% of sales revenue, and has obtained a number of qualifications and certifications related to technological innovation.

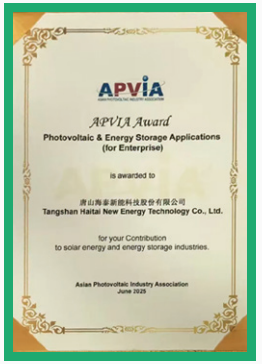
R&D and Innovation Targets

Target Description	Target Plan	Target Achievement Status
Improve product conversion efficiency	24.8%	23.9%
Advance the R&D of scenario-based photovoltaic products	Develop products such as all-black aesthetic modules for balcony PV systems, and lightweight and flexible modules	Launched during the year
Advance R&D of differentiated module product technologies	Develop products with technological differentiation	Products such as anti-glare components and low-creep components have already been developed
Strengthen laboratory validation capabilities for new materials	Conduct thorough verification testing of new materials in CNAS-accredited laboratories at twice the IEC standards	System testing has been carried out by a CNAS-accredited laboratory
Enhance product reliability in extreme environments	Ensure products pass rigorous standard testing to verify product reliability in extreme environments	TÜV Rheinland's extreme conditions testing has been successfully completed

High-Tech Enterprise

Top 100 Manufacturing Enterprises in the Beijing-Tianjin-Hebei Region in 2025

2025 Most Innovative Module Enterprise in the PV Industry



APVIA Award – Photovoltaic & Energy Storage Applications (for Enterprise)

Key Performance Highlights

The Company has a total of **109** R&D personnel

The total number of patents stands at **286**, with **70** new patents added in 2025, comprising **11** invention patents and **59** utility model patents

R&D Performance

Indicator	Unit	2025 年
Total R&D expenditure	RMB10,000	9,580.73
Total R&D expenses as a percentage of operating income	-	5.8%
Number of R&D personnel	人	109
Proportion of R&D personnel to total employees	person (s)	9.92%

Core Technologies and Products of the Company

Haitai Solar is a high-tech enterprise with green energy as its core business. Its operations cover nine major segments, including photovoltaic modules, photovoltaic power plants, and photovoltaic mounting systems, forming a relatively extensive green energy industry layout. Leveraging our product development capabilities and supporting service system, we provide global customers with clean, efficient green energy products and related solutions.

Case

Negative Spacing High Power Density PV Module Technology

Negative spacing PV module technology is a structural innovation promoted by the Company in the module encapsulation stage. This technology uses an overlapping arrangement of adjacent cells during the encapsulation process, resulting in a negative spacing between cells, thereby increasing cell packing density and reducing inactive light-receiving areas without significantly increasing module dimensions.

In terms of reliability, the overlapping areas help to disperse mechanical stress through their structure, thereby reducing the risk of hidden cracks at the edges of the solar cells and enhancing the module's stability under external loads such as wind and snow pressure. This technology demonstrates strong compatibility at the production end and can be introduced through parameter optimisation based on existing production processes, adapting to multiple mainstream cell technology routes.

Through system configuration optimisation driven by increased power density, negative spacing modules help reduce system costs such as mounting structures and cables, while enhancing power generation returns over the full lifecycle, making them suitable for photovoltaic projects with high requirements for efficiency and system economics.

Case

Small Creepage Full-Screen PV Module

The Small Creepage Full-Screen PV Module is designed to increase the light-receiving area and operational stability, achieving simultaneous optimisation of optical efficiency and operation and maintenance (O&M) performance through structural innovation. It is suitable for PV application scenarios that require both power generation efficiency and aesthetic coordination. This product adopts new insulating materials and combines cell size optimisation with negative-spacing shingling technology to reduce the inactive area on the front of the module and increase the effective light-receiving ratio.

In terms of structural design, the module optimises the frame shape to allow rainwater to wash away dust and impurities more smoothly, reducing the impact of dust accumulation, water pooling, and snow on power generation efficiency, thereby decreasing the frequency of manual cleaning and O&M costs. Meanwhile, the full-screen appearance design improves the overall consistency and aesthetics of the module, enhancing its architectural integration in scenarios such as residential and industrial and commercial rooftops.

Intellectual Property Protection

Haitai Solar attaches great importance to intellectual property protection and has formulated institutional documents such as *Enterprise Research Results Protection Policy* and *Administrative Measures for Trademark and Patent Rights* to regulate the management of patent rights, technical secrets, trademark rights, domain names, trade secrets, and software copyrights, covering the creation, management, application, and protection of intellectual property.

Organisational Responsibilities for Intellectual Property Protection

Board of Directors	It is responsible for approving and making decisions on the acceptance conclusions of scientific research projects and matters related to major intellectual property, ensuring that the management of key achievements is aligned with the Company's overall strategy.
Management Level	Management personnel, such as the Vice President of the R&D Centre, oversee annual intellectual property planning and the breakdown of targets, organise the formulation of patent layout directions and annual application plans, and drive intellectual property risk reviews and resource coordination for key projects.
Technology R&D Centre	As the centralised department for intellectual property management, it is responsible for patent application, maintenance, registry management, and daily compliant operations, organising the implementation of intellectual property processes and coordinating cross-departmental collaboration.
Professional Support Department	Laboratories and relevant departments collaborate on the review of technical achievements and patent mining, provide testing, verification, and technical material support, and assist in generating R&D outputs that are eligible for application, protection, and commercialisation.

To cultivate employees' awareness of intellectual property protection, the Company, in light of the practical needs of research and development and business operations, enhanced employees' understanding of patents, technical secrets, and other intellectual property matters by carrying out two to three intellectual property-related training and publicity activities. The relevant training focused on such content as the identification of intellectual property risks in the research and development process, the protection of achievements, and compliant use, helping employees strengthen their compliance awareness in daily research and development and business activities, and supporting the standardised implementation of the Company's intellectual property management work.

Intellectual Property Performance

Indicator	Unit	2025
Number of new patent applications in 2025	/	51
—New invention patent applications	/	8
—New utility model patent applications	/	43
Number of new patent grants in 2025	/	70
—New invention patent authorisations	/	11
—New utility model patent authorisations	/	59
Total number of valid patents	/	286
Number of valid patents per RMB1 million of revenue	cases/RMB1 million of revenue	0.17

Intellectual Property Training Performance

Indicator	Unit	2025
Number of intellectual property training sessions	/	3
Intellectual property training duration	hour (s)	45
Number of person-times of intellectual property training received	person-time (s)	45

Promoting Industry Development

Haitai Solar has paid close attention to industrial technological advancement and the development of industry standards, and attached importance to industry-university-research collaboration and standardisation in the course of business development. The Company actively participated in industry exhibitions and technical exchange activities, and carried out technical cooperation with research institutions and higher education institutions such as Tsinghua University and the Institute of Electrical Engineering, Chinese Academy of Sciences, participating in the research and formulation of a number of national standards and group standards, and supporting the commercialisation of technological achievements and the development of industry norms. In 2025, Haitai Solar joined forces with a number of international energy and digital enterprises to establish the Global Green Energy RWA Alliance, jointly promoting industry development.

Key Performance Highlights

Key Performance Highlights

Participated in the formulation of **11** standards in total

Participated in **1** national standard

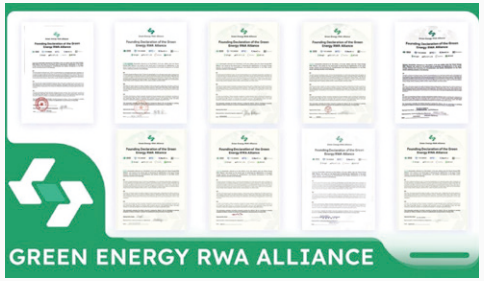
Participated in **10** group standards

Carried out **2** industry-university-research collaboration projects

Case Haitai Solar Co-established the Global Green Energy RWA Alliance

In October 2025, Haitai Solar, together with several international energy and digital technology enterprises, jointly initiated the establishment of the Global Green Energy RWA Alliance. The alliance focuses on the integrated application of green energy and real-world asset (RWA) technologies, exploring ways to drive management innovation and industrial collaboration in energy assets such as solar, wind and energy storage through digital means.

Leveraging technologies such as blockchain, the alliance collaborates on the digital confirmation of energy asset ownership, co-development of standards, and value interoperability, promoting more efficient management and circulation of green energy assets within a compliant framework. As one of the initiating parties, Haitai Solar participates in the organisation and operation of the alliance, promoting synergy among industry chain stakeholders in areas such as technical exchange, mechanism development, and international cooperation, and providing practical exploration for the digital innovation and development of the green energy industry.



RWA Alliance Agreement

Ethics of Science and Technology

During the research and development stage, Haitai Solar incorporates ethics of science and technology into research and development decision-making and technology assessment. The Company, in conjunction with the purpose of the technology, application scenarios, and potential impacts, prudently assesses possible issues relating to resource utilisation efficiency, ecological and environmental impacts, and human health risks, and comprehensively considers environmental and social factors in selecting research and development directions and optimising technology pathways, thereby reducing potential ethical risks in the process of technological innovation.

During the technology implementation and product application stage, the Company assesses land resource occupancy, ecological environmental adaptability, and system operational safety in relation to the actual application scenarios of photovoltaic products, and promotes highly efficient, low environmental burden product applications through optimised structural design and improved system solutions. At the same time, during the product delivery and use stages, the Company provides customers with the necessary technical instructions and safety information, clearly specifying product performance parameters, applicable conditions, and risk warnings, and supports the standardised application of products within a reasonable scope.

Supply Chain Security

A stable, efficient, and compliant supply chain system is an important foundation for safeguarding the Company's continued operations. Haitai Solar has continuously enhanced supply chain stability and transparency through a combination of system development, process control, and collaborative communication, reduced operational volatility risks, and supported the steady growth of product delivery capabilities and business scale.

Governance

Haitai Solar has established a comprehensive supplier management system and formulated policies such as *Procurement Control Procedures, Logistics Supplier Management Provisions, New Material Introduction Control Procedures*, providing an institutional basis for the compliance and standardisation of supply chain management.

The Procurement Department served as the department primarily responsible for procurement and supplier management, collaborating with the Technology R&D Centre, Quality Management Centre, Operations Management Department and other relevant departments in supply chain management. Material supply chain-related matters were approved and decided upon by the head of the Procurement Department, the management of the relevant business departments, the General Manager or the Chairman respectively according to their nature and amount, forming a multi-level management arrangement with delegated authority at different levels. The Company has obtained the title of National-Level Green Supply Chain Management Enterprise.

Strategy

In supplier management, we integrated the actual circumstances of the Company's operations to conduct ongoing assessments of upstream and downstream links in the supply chain, focusing on risk factors and related opportunities that may affect business stability.

Supply Chain Risks and Opportunities

Type	Description	Impact Timeframe	Impact Dimension	Current Financial Impact	Responses
Risk					
Supply disruption risk	Operational fluctuations or insufficient production capacity of raw material suppliers may lead to the failure to deliver key materials on schedule, affecting production	Short term, medium term	Operation, production	Production downtime, labor costs and time losses	Implement a multi-supplier strategy, conduct investigations, testing, and on-site audits of new suppliers, and dynamically adjust procurement proportions
Quality risk	Instability in supplier product quality or process adjustments may lead to non-conforming incoming materials, rework, or customer complaints	Short term, medium term	Quality, brand	Returns, rework costs, and potential claims	Conduct semi-annual supplier evaluations and annual on-site audits, and initiate remediation or exit mechanisms for non-compliant cases
Price volatility risk	Fluctuations in the prices of bulk raw materials may drive up procurement costs and squeezing profit margins	Medium term	Costs, finance	Increased procurement costs	Regularly conduct market analysis and mitigate the impact through price negotiations, adjustments to procurement timing, and other methods
Compliance and integrity risk	Non-compliance in procurement, logistics, or customs clearance processes may lead to legal liabilities or reputational risks	Medium term, long term	Compliance, reputation	Fines, contractual disputes, reputational damage	Conduct supplier qualification reviews, sign compliance and integrity clauses, and implement truthful declaration and contract review mechanisms
Opportunities					
Opportunities from collaborative development for key materials	Engaging in earlier technical collaboration with core raw material and key component suppliers facilitates the alignment of material performance with product design	Medium term, long term	Technologies and products	Supporting product performance optimisation and cost structure improvement	Strengthen the involvement of technical departments in front-end communication based on existing admission and evaluation mechanisms
Opportunities from enhancing supply chain transparency	Comprehensive supplier management, logistics compliance, and information update mechanisms help enhance supply chain transparency and external trust	Medium term	Governance, reputation	Conducive to financing, customer cooperation, and long-term order stability	Continuously operate the full-process supplier management and compliance declaration mechanisms

Haitai Solar has established a full-process supplier management system covering supplier admission, evaluation, cooperation, and exit. At the same time, in 2025, the Company continued to advance the digitalisation of procurement management, introducing a customised Zhicai Cloud system for tendering, enquiry, contract management, and payment process management, strengthening process traceability and data traceability, and improving procurement efficiency and the level of compliance control.

Supplier Management Process

Supplier access

The Company implements differentiated management based on supplier categories. For raw material suppliers, supplier due diligence, technical evaluation, necessary testing, and on-site audits are conducted. Following joint review by multiple departments and approval by the General Manager, qualified suppliers are included in the approved supplier list. Non-raw material suppliers undergo admission management in accordance with established investigation, review, and approval procedures.

Supplier evaluation

The Company implements a regular evaluation mechanism for qualified suppliers. Semi-annual performance evaluations are conducted on suppliers in terms of quality, delivery, price, and service. For certain raw material suppliers, on-site audits are organised in accordance with the annual audit plan. For suppliers that fail to meet requirements, subsequent management measures are initiated in accordance with procedures.

Supplier exit

The Company has established clear procedures for the exit of qualified suppliers. For different types of suppliers, relevant departments organise evaluations and implement multi-level review and General Manager approval procedures to ensure the standardisation and prudence of exit decisions.

Supplier information updates

The Company implements dynamic management of significant changes in supplier information. Relevant information is promptly updated in supplier records upon approval, ensuring the compliance and continuity of procurement activities. In the event of material changes, the admission evaluation process is reinitiated.

As a green energy manufacturing enterprise, Haitai Solar incorporates suppliers' sustainable operation performance in compliant operations, environmental protection, human rights protection, business ethics and other aspects into supplier management decisions when conducting supply chain assessments and regular reviews. In terms of logistics supplier management, the Company focuses on assessing environmental protection capabilities such as green transport measures, and pays attention to fuel use structure and the disclosure of carbon emissions information. During the reporting period, the Company selected DHL carbon reduction services and reduced carbon dioxide emissions generated during transportation by using sustainable aviation fuel (SAF) in the air transport segment, supporting carbon reduction practices in the supply chain.

Focusing on the risks and opportunities faced in supply chain operations, Haitai Solar attaches importance to establishing long-term, stable collaborative relationships with suppliers in its supply chain management practices. To this end, the Company has supported suppliers in continuously enhancing their fulfilment capabilities through training, communication, and visits. In line with our procurement and quality management practices, we regularly communicate with suppliers on matters including compliance management, product and service safety, green products, occupational health and other ESG topics, as well as business collaboration, helping suppliers better understand the Company's technical standards and management requirements, and promoting the overall stability and efficiency of the supply chain.

Case

Holding the "Collaborative Innovation, Jointly Promoting Development" Energy Storage Supplier Conference

In July 2025, to strengthen supply chain collaborative management in the energy storage business field, Haitai Solar organised the first Energy Storage Supplier Conference, focusing on suppliers of core materials and key links. We invited representatives from 15 core suppliers of key materials, covering major processes of the energy storage industry chain, including raw material supply, component manufacturing and logistics. The conference focused on the development needs of the energy storage business. Through centralised communication and exchange, it supported alignment among supply chain stakeholders in terms of strategic direction, management requirements, and collaboration approaches.

Through this conference, the Company further strengthened its communication mechanism with core suppliers in the energy storage business, laying a foundation for subsequent collaborative development, stable delivery, and supply chain capability enhancement.

Haitai Solar Supplier Conference

Case

Participating in Industry Exchanges to Enhance Procurement Professional Capabilities and Market Insight

To continuously track the development dynamics of the raw material industry and enhance our procurement team's understanding of market changes and technical trends, the procurement departments of Haitai Solar organised relevant personnel to participate in the "2025 OilChem Fourth Carbon Industry High-Quality Development Conference".

By participating in conference forums and specialised discussions, the procurement team gained a systematic understanding of the latest trends in the carbon industry regarding technological advancements, supply and demand dynamics, and green and low-carbon development. They also engaged in discussions and established connections with upstream and downstream enterprises in the industry chain on topics such as raw material quality control, supply stability and industrial collaboration. Relevant information and industry insights were incorporated into subsequent procurement analysis and strategic assessment, providing reference support for optimising procurement decisions and expanding potential supplier resources.

High-Quality Development Conference of the Carbon Industry

Impact, Risk, and Opportunity Management

Haitai Solar focuses on key processes in the supply chain and has established a process-based management mechanism for risks and opportunities. Through collaboration among relevant departments, the Company has identified and assessed key matters in areas such as suppliers and procurement, logistics and delivery, and implemented response measures and subsequent monitoring. Based on the tracking results, the Company has adjusted management arrangements and procurement strategies in a timely manner, ensuring the stable operation of the supply chain and enhancing the level of risk prevention and control.

Risk identification

During the early stages of supplier onboarding, procurement planning, and logistics cooperation, we identify and categorise potential risks such as supply disruption, quality, price, and compliance, by combining supplier surveys, qualification audits, market trend analysis, and the practical experience of relevant departments.

Risk assessment

The Procurement Department, in conjunction with the Technology R&D Centre, Quality Management Centre, Legal and Compliance, and other relevant departments, assesses the likelihood of occurrence, scope of impact, and degree of business impact of the identified risks, and performs tiered approval in accordance with the importance of the matters.

Risk response

Based on the assessment results, the procurement and relevant responsible departments formulate and implement risk response measures, including multi-source procurement, phased testing, quality remediation, contractual constraints, and compliance management, to reduce the impact of risks on supply chain stability.

Risk monitoring

We conduct continuous tracking of identified risks and dynamically adjust supplier structures and procurement strategies through methods such as semi-annual supplier evaluations, annual audits, supplier information updates, and logistics compliance inspections, to ensure the stability and compliance of supply chain operations.

Metrics and Targets

To enhance the data-driven level of supply chain management, the Company has established quantitative indicators around the key dimensions of procurement and supplier management, and by continuously tracking and analysing relevant data, provided a reference for optimising procurement strategies and supplier structure.

Supplier Structure

Indicator		Unit	2025
Total suppliers		/	108
Of which	Suppliers in China (including Hong Kong, Macao, and Taiwan)	/	108
Supplier localisation rate		-	100%
Supplier integrity commitment letter	Total number of supplier integrity commitment letter signed	/	108
	Signing rate of supplier integrity commitment letter	-	100%

Supplier Management System Certification Status

Indicator	Unit	2025
Number of suppliers certified by quality management system	/	99
Proportion of suppliers certified under the quality management system	-	91.67%
Number of suppliers certified by environmental management system	/	99
Proportion of suppliers certified under the environmental management system	-	91.67%
Number of suppliers certified under the occupational health and safety management system	/	99
Proportion of suppliers certified under the occupational health and safety management system	-	91.67%

Safety and Quality of Products and Services

Against the backdrop of the continuous expansion of product delivery and customer use scenarios, Haitai Solar has advanced product and service management guided by safety and controllability, stable quality, and timely response. Through institutional systems, tiered approval, and process control, the Company has incorporated risk points such as raw material quality, process stability, and the handling of customer complaints, returns, and exchanges into daily management and continuous improvement, supporting the reliable operation of products and maintaining the stability of customer cooperation.

Governance

Product Quality Management

Haitai Solar has regarded quality management as an important foundation for safeguarding the steady operation of the enterprise. We have strictly followed the requirements of the *Product Quality Law of the People's Republic of China*, ISO 9001 and other relevant standards, established quality management systems including the *Quality Manual, Control Procedure for Nonconforming Products and Module Process Quality Control Plan*, and carried out full life cycle management of product quality, with clear specifications for key processes in product design, production and quality control.

The Company's Quality Management Centre, as the specialised department responsible for product quality management, has worked collaboratively with relevant departments such as the Manufacturing Centre and the Technology R&D Centre to participate in quality management according to their respective division of responsibilities. As of the end of the reporting period, the Company had obtained IEC 62941 PV module manufacturer quality management system certification, as well as ISO 9001 quality management system certification.

Board of Directors

Reviewing and making decisions on major quality risks, major quality incidents, and key remediation directions, and overseeing the implementation of important improvement matters.

Senior management of business divisions

Conducting hierarchical approval and supervision of key quality management matters, making decisions on major quality issues or accidents, coordinating resources to promote closed-loop remediation, and regularly tracking quality performance and the effectiveness of improvements.

Executive departments

As the coordinating department, the Quality Management Centre is responsible for the operation and maintenance of the quality management system. It oversees raw material inspection, in-process quality control, finished product inspection, and non-conforming product management, organises quality data analysis and continuous improvement, and coordinates relevant departments to implement quality requirements.

Support departments

The Manufacturing Centre implements production process quality control and the remediation of abnormalities, the Technology R&D Centre is responsible for quality review and verification during the design and change stages, and both centres collaborate with the Quality Management Centre to complete quality issue analysis, corrective and preventive actions, as well as closed-loop management.

Customer Service Optimisation

Haitai Solar has established a customer service management system to standardise and manage customer service-related work. The Company formulated and implemented *Customer Service Management Procedures, Customer Return and Exchange Handling Procedures, Customer Satisfaction Survey Management Policy* and other policies, clarifying the management requirements and division of responsibilities for customer consultation, complaints, return and exchange handling, information traceability and satisfaction surveys, and carried out customer service work in an orderly manner.

Customer Service Management Responsibilities

Management Level

- The Management is responsible for the co-ordinated decision-making, supervision and management of major customer service matters, performing decision-making and approval for major customer complaints, public opinion incidents or risk matters, and co-ordinating resources to promote the closed-loop remediation of issues.

Executive departments

- The Marketing Department is responsible for receiving customer feedback and complaints, establishing communication channels, and coordinating internal resources for handling and processing.
- The Quality Management Centre is responsible for conducting root cause analysis of customer complaints, proposing handling suggestions and improvement measures, providing feedback on results to customers or the Marketing Department, and implementing after-sales technical support and ensuring a closed loop for quality remediation.
- The Operation Management Department assists in providing on-site service support and issue resolution, organising customer satisfaction surveys and data analysis, and promoting continuous service optimisation.

Support departments

- The Marketing Department is responsible for external communication and media relations management when media or public opinion attention is involved, maintaining the Company's brand image.
- The Legal Department provides professional legal opinions and handling suggestions in the event of legal disputes or controversies, supporting the proper resolution of disputes and preventing legal risks.
- Relevant responsible departments implement corrective and preventive measures based on the nature of the issue to ensure that the remediation process is fully completed.

Strategy

In actual operations, the Company has continuously identified potential risks and development opportunities related to product and service safety and quality, and addressed them through systematic management and process control, while ensuring that products were safe and reliable, supporting stable business development and enhancing market competitiveness.

Risks and Opportunities of Products and Services

Type	Description	Impact Timeframe	Impact Dimension	Current Financial Impact	Responses
Risk					
Risk of raw material quality	Substandard quality of incoming raw materials may lead to production process abnormalities and increased rework, thereby affecting product consistency and delivery schedules	Short term, medium term	Operation, production	Increased costs for rework, scrap, and expedited delivery, and a decline in gross profit	Implement graded inspection and segregation management for incoming materials, and initiate review or return processes for non-conforming materials to reduce the impact on production
Risk of production process quality control	Inadequate control of key processes during production may lead to an increase in the defect rate, affecting product safety and stability	Short term, medium term	Operations, quality	Increased expenditure on the disposal of defective products and rework/ repair, a rise in unit costs	Promptly identify and address quality deviations through in-process inspections and anomaly correction mechanisms to ensure that production processes operate in a controlled manner
Risk of product green certification	Products may lack green certifications or certifications may have expired, failing to meet the requirements of certain customers or market access requirements	Medium term	Market, compliance	A decline in revenue and increase in customer acquisition costs caused by reduced orders	Regularly review product certification status, proceed with green certification applications and renewals as required, and ensure that our products comply with relevant market requirements
Risk of customer complaint handling	Insufficient approval of complaint investigations or improvement measures may impact customer satisfaction and the stability of cooperation	Short term, medium term	Reputation, customers	Increased compensation for returns and exchanges and after-sales expenses, putting revenue under pressure	Rely on the customer complaint handling process to conduct hierarchical approval of complaint causes and improvement measures, and continuously track the results
Opportunities					
Opportunities from the application of information-based production management systems	The application of information-based production management systems helps to enhance the traceability of quality data and management efficiency	Medium term	Operation, efficiency	Decreased defect rate, and reduced rework, scrap and after-sales costs	Conduct centralised management of production and quality data through systems such as ERP and MES, providing support for quality improvement and decision-making
Opportunities from high-standard quality system certification	High-standard quality management system certification helps enhance product credibility and expand market reach	Medium term, long term	Market, brand	Increased order acquisition driving revenue growth, and a reduction in transaction costs such as tender reviews	Enhance customer recognition of our product quality and delivery capabilities through the continuous operation of the quality management system and relevant certifications

Haitai Solar integrates quality management requirements throughout the entire product life cycle. Through the division of responsibilities and coordination between quality control and quality assurance, the Company has moved quality control forward to key stages, and established review, corrective, and preventive measures for exceptional issues to ensure the continuity and quality management operations.

In specific practice, we focus on quality control at key points such as incoming material inspection, in-process inspection, and finish product inspection, and used the ERP and MES systems to record production and inspection data and ensure traceability. At the same time, the Company has combined supplier quality management, calibration of measuring equipment, and analysis of customer feedback to conduct review and improvement, promoting the closed-loop remediation of quality issues and the steady improvement of product quality.

Quality Management System Certification for PV Module Manufacturer

ISO 9001 Management System Certification

Whole-Life-Cycle Quality Management Process

Raw material quality management

We conduct incoming material inspections and quality reviews for key raw materials, focusing on verifying material specifications, performance, and consistency, and promptly handle materials that do not meet requirements to prevent non-conforming raw materials from entering the production stage.

Manufacturing process quality control

We implement in-process inspections and quality sampling during the production process, conduct review and analysis of detected defective products, and take corrective and preventive measures to reduce the impact of quality deviations on production continuity and product performance.

Finished product quality management

We conduct quality inspections on finished products prior to shipment, focusing on appearance, performance, and packaging status to ensure that delivered products meet established technical standards and quality requirements.

Product rework management

We evaluate products with quality issues, implement rework processing and re-verification in accordance with rework operation procedures, and record relevant information for subsequent quality improvement and risk prevention.

In terms of testing and verification, the Company relies on its own laboratories and testing resources to carry out systematic testing and verification of products before they left the factory, covering key indicators such as performance, safety, and reliability. Relevant laboratories conduct routine testing and analysis of products in accordance with established testing specifications, providing a technical basis for product quality control and ex-factory release decisions, helping to reduce quality risks and enhance product stability and consistency.

Laboratory Attestation Certificate Issued by CNAS

Laboratory Certificate Issued by TÜV

Haitai Solar has established a sound product recall management mechanism. In the event that a product recall is required due to design, manufacturing, or safety hazards, the Company will strictly initiate the relevant work in accordance with the *Module Recall Control Procedure*, and carry out recall, investigation and analysis, as well as remediation and improvement in an orderly manner, so as to safeguard customers' rights and interests and reduce potential risks.

In addition, the Company regularly conducts customer satisfaction surveys. These are coordinated by the Operations Management Department, which works with the sales department and branch offices to draw up a list of participating customers, and is responsible for distributing and collecting the *Customer Satisfaction Survey Form*. Feedback regarding product quality, delivery performance and service experience is then collated and analysed. For the areas for improvement identified in the survey, the Company promotes the relevant responsible departments to carry out cause analysis and formulate improvement measures in accordance with the system requirements, prepares the *Corrective and Preventive Action Form* and tracks the progress of remediation, with the sales personnel providing feedback on the handling results to customers. In response to customer complaints, the quality department responds promptly in accordance with the process and carries out investigation and analysis. Where necessary, it issues improvement conclusions and measures in the form of an *8D Improvement Report* to support the closed-loop handling of customer issues.

Impact, Risk, and Opportunity Management

Based on our quality management and customer service systems, the Company has incorporated key links such as raw material inspection, process control, shipment inspection, and after-sales feedback into unified closed-loop risk management, forming an executable and traceable management process to support the stable and controlled management of product quality and service response.

In the stages of raw material inspection, production process control, outgoing inspection, and customer service, in conjunction with the requirements of the Company's policies, we systematically identify and review potential risks such as raw material quality, process stability, product compliance and certification, and customer complaint handling.

The Quality Management Centre, Manufacturing Centre, Technology R&D Centre, and other departments assess the likelihood of occurrence, scope of impact, and degree of impact on product safety, delivery, and customer relations of identified risks, and perform corresponding review and approval processes based on the materiality of the matters.

We implement continuous tracking of identified risks and dynamically monitor changes in risk through methods such as process inspections, defective product analysis, customer complaint ledgers, and satisfaction surveys. We adjust management measures in a timely manner to ensure that product and service risks remain within a controllable range.

Based on the risk assessment results, our relevant responsible departments formulate and implement targeted response measures to reduce the impact of risks on product quality and customer satisfaction.

Metrics and Targets

To ensure product quality stability and the efficiency of customer service response, Haitai Solar has established relevant management indicators around key aspects such as quality control and customer feedback, and continuously tracked and evaluated key matters.

Target Description	Target Plan	Target Achievement Status
Improve the pass rate of product quality inspections	100%	99.61%
Improve customer satisfaction levels	Above 95%	Achieve
Ensure timely handling of customer complaints	100%	100%
Improve the resolution rate of customer complaints	100%	100%

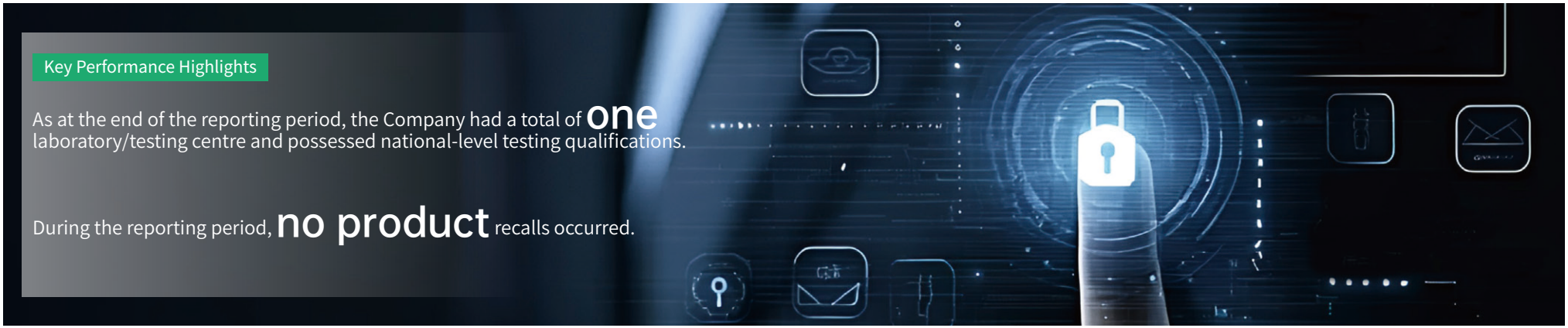
Data Security and Privacy Protection

Haitai Solar attaches great importance to data security and customer privacy protection. We have established management arrangements around systems and policies, operational management, and technical controls, and have extended the relevant requirements to employee codes of conduct and supplier cooperation scenarios, thereby enhancing risk prevention and response capabilities through reporting mechanisms and emergency response procedures.

Data Security and Privacy Protection Management System

Against the backdrop of the continuous deepening of digitalised production and business operations, the Company has regarded data security and customer privacy protection as important foundational work for safeguarding business continuity and customer trust, and continuously improved relevant management arrangements around information system operations, the use of business data, and internal and external collaboration scenarios.

The Company has formulated and implemented internal policy documents such as *Network Information Security Management Policy, Measures for Responding to Data Leakage and Data Response*, to regulate and manage matters including information system operation, data access permissions, system maintenance, and security audits. At the same time, the Company has established an organisational structure covering network information security and information technology management. The Director of the Information Technology Department serves as the head of the Network Information Security and Information Work Leading Group. Under the Leading Group, a Network Security Group and an Emergency Technical Group have been established, forming a management mechanism with clear responsibilities and well-defined division of labour. The Company has passed ISO 27001 Information Security Management System certification, and continuously advanced information security management and improvement in accordance with the system requirements.



Key Performance Highlights

As at the end of the reporting period, the Company had a total of **one** laboratory/testing centre and possessed national-level testing qualifications.

During the reporting period, **no product** recalls occurred.

Responsibilities of the Network Information Security and Information Work Leading Group

Network Information Security and Information Work Leading Group

- Being responsible for the overall leadership and coordination of the Company's network information security and information-based management work, researching and making decisions on the direction of information security management and major matters at the Company level.
- Reviewing information security-related systems, plans, and important management arrangements, coordinating cross-departmental resource allocation, and promoting the coordinated implementation of information security and business development.
- Making decisions and providing guidance on major network information security risks, incidents and contingency plans, and ensuring the secure and stable operation of the Company's information systems.

Network Security Group

- Undertaking the daily organisation and management of cyber and information security work, implementing the decisions and deployments of the Leading Group, and promoting the execution of relevant systems, processes, and management requirements.
- Organising and carrying out cyber and information security inspections, risk screening, security assessments, early warning notifications, and training, and continuously improving the overall level of security management.
- Being responsible for the daily monitoring and management coordination of cyber and information security incidents, and participating in emergency response, post-event reviews, and the implementation of improvement measures.

Emergency Technical Group

- Participating in information system construction and network security management from a technical perspective, and supporting security reviews, technical assessments and optimisation recommendations for informatisation projects.
- In the event of network security incidents, being responsible for technical investigation, system handling, and emergency response to mitigate the impact on business systems.
- Providing professional technical support in accordance with the requirements of the Leading Group and the Network Security Group, and assist in carrying out the relevant emergency response and remediation work.

Haitai Solar has continuously strengthened employees' awareness of data security and privacy protection by combining centralised training with specialised training. Annual training covers all employees, with a focus on emphasising basic standards and typical risks. For key positions such as system administrators and data processing staff, the Company has conducted targeted training on operational standards, clarifying position responsibilities and risk boundaries. If employees identify data security risks in their daily work, they may report them to the information technology department through established channels. The Company uniformly registers, assesses, and tracks the handling of the relevant issues, forming traceable management records.

The Company explicitly states that customers' private information may only be used for business purposes and must not be used for matters unrelated to work, and unauthorised sharing, transmission, or disclosure is strictly prohibited. The Company adheres to the principle of minimum necessity in managing information collection and use, and during the sales and customer service process, only collects information directly related to business operations. Permission management is subject to tiered control requirements; access permissions must be approved by the head of department and the data security officer. Employees may only use Company-designated devices to access and process customer information relevant to their job responsibilities. When there is a job change or resignation, the relevant permissions are revoked within 24 hours.

We have also embedded data protection requirements into the management of cooperation with suppliers and business partners. For IT and data-processing-related partners, the Company has assessed their information security management capabilities during the admission stage, and specified in contractual terms the scope of data use, security responsibilities, and incident notification requirements. During the course of cooperation, the Company implements the necessary technical controls and audit trails for relevant data access and invocation. In the event of a data security incident, a joint emergency response will be initiated in accordance with the mechanism, and the partner will be urged to cooperate with the investigation, handling, and closed-loop remediation.

Information Technology Department Security Training

Key Performance Highlights

In 2025, the total duration of employee data security training was **12** hours

Employee participation in data security training totalled **13** person-times

The coverage rate of specialised data security training for key positions reached **100**%

No data security incidents occurred

Responses to Data Security and Privacy Risks

To effectively prevent and respond to data security and privacy risks that may arise during the operation of information systems, Haitai Solar has deployed a data centre dynamic environment monitoring system and, in conjunction with business characteristics and the actual circumstances of information-based management, established a data and information security incident response mechanism covering pre-incident prevention, in-incident handling, and post-incident improvement. The Company has focused on key aspects such as technical protection, management control, and emergency response, clarified corresponding measures and continued to implement them, in order to enhance our ability to identify, respond to, and handle data security incidents.

Responses to Data and Information Security Incident

Vulnerability investigation

Establish a regular vulnerability scanning mechanism and conduct comprehensive scans of operating systems, databases, and application systems on a monthly basis. Conduct graded assessments of identified vulnerabilities, clarify the scope of impact, and formulate remediation plans, assigning dedicated personnel to track remediation progress to ensure that vulnerabilities are closed in a timely manner.

System security hardening

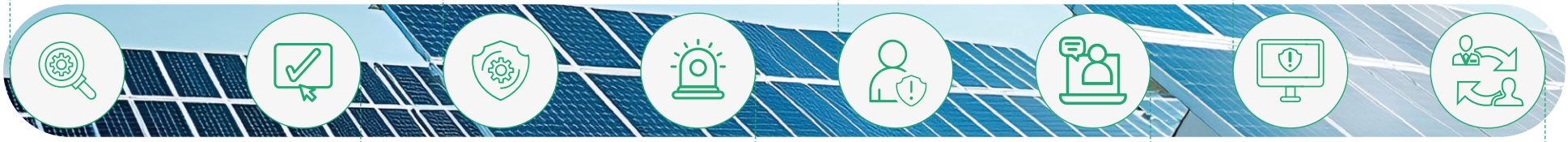
Based on the results of vulnerability screening and penetration testing, implement security hardening for information systems, including patch updates, password policy optimisation, access control configuration, and encrypted storage of key data. Also, deploy security equipment such as firewalls, intrusion detection, and anti-virus to enhance our overall protection

Emergency drills

Regularly organise data security incident emergency drills, simulate scenarios such as data breaches, and conduct practical testing of incident reporting, technical handling, and recovery processes. Evaluate the effectiveness of emergency response plans through these drills and continuously improve relevant arrangements based on identified issues.

Endpoint and single-point protection

Use security protection software to conduct continuous monitoring and protection of endpoint devices, and regularly upgrade and maintain relevant systems. By monitoring abnormal behaviours, promptly identify and handle potential security incidents to prevent the spread of risks.



Third-party penetration testing

Regularly invite professional third-party security agencies to conduct penetration testing, covering key areas such as network architecture, application systems, and databases. Identify potential risks by simulating real-world attack scenarios and formulate optimisation measures based on the test results, generating reports to be submitted to management for tracking and implementation.

Emergency response plans and handling

Develop emergency response plans for data breaches and information security incidents, clarifying incident reporting procedures, handling steps, and the responsibilities of various departments. In the event of a security incident, promptly initiate emergency responses in accordance with the plans, and carry out handling and system recovery work to minimise the impact of the incident.

Permissions and access control

Establish a stringent access control system, assign system access permissions based on job responsibilities and implement the principle of least privilege. Regularly review and adjust employee permissions, strengthen control over administrator and high-privilege accounts, and reduce internal operational risks.

Employee reporting and response mechanism

Define reporting channels for employees to report data security issues, which are centrally received and registered by the information technology department. Conduct timely investigations and emergency responses for reported matters to prevent the escalation of issues and create records for subsequent improvement.

Sustainable Development Goals (SDGs) of the UN

Section 3

PV-Storage Synergy, Advancing Towards a Low-Carbon Future

As a benchmark enterprise in the green energy sector, Haitai Solar has comprehensively aligned itself with the national green and low-carbon development strategy and the "Dual Carbon" goals, and deeply integrated the low-carbon concept of photovoltaic-storage synergy into strategic planning, the entire process of business operations, and every process of the value chain, while seizing the opportunities arising from the energy transition and earnestly fulfilling its responsibility for ecological and environmental protection. The Company has continued to improve the management systems and operational mechanisms related to climate change tackling, environmental management, and green operations. Through low-carbon transformation initiatives across the entire industry chain, we have steadily achieved precise pollutant control, efficient resource recycling and utilisation, and the upgrading of clean energy substitution, ultimately building a long-term sustainable development framework and setting a benchmark for the industry's green transformation.

Climate Change Tackling

Haitai Solar has consistently integrated climate change tackling deeply into the Company's overall development strategy. The Company has complied with regulatory requirements such as *Guidelines No. 11 of Beijing Stock Exchange for the Ongoing Supervision of Listed Companies—Sustainability Report (Trial), and referred to international standards such as United Nations Framework Convention on Climate Change and IFRS S2 Climate-Related Disclosures* to systematically and standardise the external disclosure of the Company's various work measures, implementation progress, and phased achievements in addressing climate change.

Governance

Haitai Solar has established a three-tier climate change response management system comprising the Board of Directors - the ESG Working Group - various functional departments and business divisions, laying a solid governance foundation for the Company's sustainable development. The Board of Directors assumes responsibility for the top-level design and strategic leadership of climate governance, reviews and approves climate targets, risk appetite, and major action plans, ensuring that climate governance was aligned with the Company's overall strategy. The ESG Working Group takes the lead in overall coordination, system development, and resource allocation, promotes the integration of climate risk management into daily operational processes, and organises the identification, assessment, monitoring, and response to climate risks; Each functional department and business division focuses on implementation, process control, and data reporting, and implements requirements such as emission reduction measures, energy-saving upgrades, green procurement, and low-carbon production across each business unit and specific position.

Decision-Making Level	Board of Directors	• Responsible for reviewing and approving climate-related policies, strategies, and targets; incorporating climate-related risks and opportunities into decision-making considerations; and overseeing climate-related risk information disclosure
Management Level	ESG Working Group	• Provide guidance on and formulates the Company's strategies, metrics, and frameworks for climate-related issues • Monitor the execution of climate-related tasks and the achievement of targets • Organise annual meetings to discuss and adjust climate-related issues for the year
Execution Level	Functional departments and business divisions	• Make operational adjustments related to climate change and carry out implementation • Provide real-time feedback on climate change-related matters, and specifically implement climate change response measures

Strategy

Based on our own development realities, Haitai Solar has organically integrated the characteristic elements of external climate risks, macro policy orientations, and internal strategic planning: First, we have systematically reviewed the potential impacts that various climate risks might have on the Company's current operations and future development expectations; subsequently, we have conducted a comprehensive assessment of the above impacts in terms of the time dimension of the impacts, materiality level, and the value chain processes involved. The Company has referenced the climate-related disclosure framework of the International Sustainability Standards Board (ISSB) and systematically identified climate change risks and opportunities related to our business development and operational activities through policy research, peer benchmarking, and other methods.

Identification and Response to Climate Change Risks

Risk Type		Factors	Description of Potential Risk	Time Horizon	Financial Impact	Responses
Physical risks	Acute risks	Extreme weather such as typhoons and floods	1. Extreme weather causes damage to photovoltaic equipment, collapse of mounting structures, destruction of office and production facilities, and loss of goods, directly disrupting our normal operations and resulting in economic losses; 2. Production interruptions lead to delivery delays, affecting the stability of customer cooperation; 3. Threats to the personal safety and health of employees may trigger human resource risks such as absenteeism.	Short term Medium term	Operating costs + Asset value - Operating revenue - Insurance expenses +	1. Formulate extreme weather emergency response plans and establish meteorological warning tracking mechanisms; 2. Conduct safety inspections and reinforcement projects for office and production facilities; 3. Strictly avoid high-risk areas for extreme weather during site selection for new plants; 4. Promote the integration of photovoltaic equipment and energy storage technology, and strengthen equipment safety protection design.
	Chronic risks	Climate changes such as rising average temperatures and sea level rise	1. Increased energy consumption for cooling in office and production premises drive up operating costs; 2. Prolonged high temperatures reduce the power generation efficiency of photovoltaic modules, shorten the service life of fixed assets, and accelerate asset depreciation.	Long term	Operating costs + Asset value -	1. Continuously monitor the impact of ambient temperature changes on the service life and operating performance of equipment, and establish equipment maintenance optimisation mechanisms; 2. Fully consider chronic climate change trends in the planning of new operating sites.

Identification and Response to Climate Change Risks

Risk Type		Factors	Description of Potential Risk	Time Horizon	Financial Impact	Responses
Transition risks	Policy and law risk	Tightening of greenhouse gas emission control policies	The International Sustainability Standards Board (ISSB) and domestic regulatory authorities' requirements for climate-related information disclosure continue to deepen, and the requirements for disclosure scope and granularity have significantly increased.	Medium term	Operating costs +	1. Establish a normalised management mechanism for greenhouse gas emission data to ensure that data is traceable and verifiable; 2. Annual ESG reports strictly adhere to international authoritative standards and domestic regulatory frameworks to comprehensively disclose the progress and effectiveness of our response to climate change.
	Technical risk	Upgrading of customer demand for low-carbon equipment	Market requirements for green and low-carbon technologies for photovoltaic products continue to rise, driving our R&D focus towards green innovation, resulting in a simultaneous increase in R&D investment and the difficulty of technical breakthroughs.	Long term	R&D cost +	1. Increase R&D investment in green and low-carbon technologies, and strengthen our reserve and cultivation of professional talent; 2. Deepen the industry-university-research cooperation mechanism, and collaborate with scientific research institutions to conduct research on core technologies for low-carbon photovoltaic equipment.
	Market risk	Strengthening of carbon emission-related market access rules	Customer procurement preferences are shifting towards low-carbon and environmentally friendly products. If product carbon footprints fail to meet standards, we may face market access restrictions, thereby affecting the scale of our operating revenue.	Long term	Operating costs + Operating revenue -	1. Promote the green and low-carbon upgrading of photovoltaic equipment, and integrate the concept of sustainable development throughout the entire process of product design and production; 2. Establish low-carbon entry standards for suppliers, and strengthen green and low-carbon control of the upstream supply chain.
	Reputational risk	Rising stakeholder expectations for environmental responsibility	Consumers and investors have significantly increased their focus on our performance in fulfilling environmental responsibilities. If negative environmental incidents occur, they will directly damage our brand image and affect market trust, thereby impacting our operating performance.	Long term	Operating costs + Operating revenue -	1. Actively participate in environmental protection public welfare activities and practise corporate social responsibility; 2. Continuously disclose environmental information through ESG reports, official platforms, and other channels to comprehensively showcase climate action achievements; 3. Establish environmental risk public opinion monitoring and response mechanisms to safeguard brand reputation.

Identification of and Responses to Climate Opportunities

Opportunity Type	Description of Potential Opportunity	Financial Impact	Responses
Opportunities from climate-driven technological upgrades	1. Climate change drives the iterative upgrading of PV modules towards low temperature coefficients, high conversion efficiency, and long service life, creating demand for technological innovation; 2. The accelerated transition of energy systems towards "renewable energy + energy storage" provides favourable conditions for our energy storage business layout and the construction of a multi-scenario product matrix.	Operating costs - Operating revenue +	1. Adopt advanced PV technologies such as TOPCon and HJT, develop low-temperature coefficient modules, and improve power generation efficiency in high-temperature environments; under the 2.5° C global warming scenario, limit the increase in the Levelised Cost of Electricity (LCOE) of high-efficiency modules to within 3% to strengthen product market competitiveness; 2. Develop integrated "photovoltaic + energy storage + hydrogen energy" solutions to address the intermittency of renewable energy, provide long-duration energy storage services, and build technological synergies.
Opportunities from climate-driven incremental marke	1. Climate change is driving hydrogen energy to become a key carrier for the large-scale utilisation of renewable energy, highlighting development opportunities in the green hydrogen industry; 2. Rising average temperatures are widening peak-to-valley differences in electricity demand, leading to a continuous surge in demand for energy storage; 3. The impacts of global climate change vary by region, resulting in differentiated demands for climate adaptability of photovoltaic products across different markets.	Operating revenue +	1. Promote the construction of long-distance hydrogen transmission pipeline projects to address geographical mismatches between production sites and markets, and seize opportunities in the green hydrogen sector; 2. Expand full-scenario deployment of energy storage business, comprehensively covering the user side, grid side, and power generation side, and precisely matching market demand for energy storage; 3. Leveraging core advantages such as desert module certification and PID-resistant technology, focus on expanding into markets with significant climate challenges, including the Middle East, Southeast Asia, and Australia, to meet differentiated regional demands.

Impact, Risk, and Opportunity Management

Haitei Solar has incorporated climate change risks into the core scope of the Company's internal control risk management system, and established a standardised control mechanism around the four key stages of risk identification, assessment, response, and monitoring. We have clarified responsibilities at all levels and, in light of industry characteristics, formulated targeted measures to effectively prevent and mitigate various impacts of climate change on our operations and development.

Risk identification

Led by the Legal and Compliance Department and in collaboration with various departments, we focus on identifying physical risks such as extreme weather and transition risks such as the tightening of carbon policies, analyse their impact on production, R&D, the supply chain, and other stages, match them with control measures, and dynamically update the risk matrix.

Risk assessment

Incorporated into the annual comprehensive risk assessment, we adopt a combination of qualitative and quantitative methods to categorise risks into three levels—general, significant, and major—based on the likelihood of occurrence and the degree of impact. We compile a major risk assessment report for review by the Board of Directors and dynamically adjust risk management priorities.

Risk response

We have formulated four major strategies: avoidance, reduction, sharing, and acceptance; for physical risks, we focus on facility reinforcement, optimisation of product disaster resistance performance, and meteorological early warning; for transition risks, we focus on carbon emission management, low-carbon technology research and development, and green supply chain access, while integrating risk control into key business processes and positions.

Risk monitoring

We have established a specialised early warning indicator system, handle indicator abnormalities in a timely manner and incorporated them into performance appraisals; we implement a regular reporting system and report major climate risk events in a timely manner; we rely on information systems to achieve full-process control, rectify internal control deficiencies immediately, and form a long-term management mechanism.

Metrics and Targets

To anchor our green and low-carbon development direction and ensure that our development resonates in step with the national "Dual Carbon" strategy and the pace of industry transformation, Haitai Solar has regarded coordinated carbon reduction through solar power and energy storage, as well as energy conservation and efficiency enhancement across the entire value chain, as the core lever for high-quality development. In accordance with the requirements of *Implementation Guide for the Green Manufacturing Project (2016-2020)*, the Company has further strengthened the comprehensive development of the Tangshan Green Factory. With reference to the national standard GB/T36132 General principles for green factory evaluation, we have strengthened staffing and optimised the talent structure, increased relevant investment, continuously optimised emissions reduction pathways and green operation strategies, and steadily advanced the development of the green factory.

Greenhouse Gas Emission[2]

Key Indicators	Unit	2025
Scope 1 GHG emissions	Tons of CO_2 equivalent (tCO_2e)	363.79
Scope 2 GHG emissions	Tons of CO_2 equivalent (tCO_2e)	35,932.41
Total GHG emissions	Tons of CO_2 equivalent (tCO_2e)	36,296.20
GHG emissions intensity	tCO_2e/RMB1 million revenue	21.87

[2]The emission factors for petrol, diesel, natural gas, and liquefied petroleum were calculated based on the average net calorific values provided in *China Energy Statistical Yearbook 2024* and the emission coefficients provided in *National Greenhouse Gas Emission Factor Database*, while the Global Warming Potential (GWP) values were sourced from the *National Greenhouse Gas Emission Factor Database*. The national average carbon dioxide emission factor for electricity was 0.6096kgCO2e/kWh, and the data were sourced from *National Greenhouse Gas Emission Factor Database*.

Environmental Compliance Management

Haitai Solar has strictly complied with environmental protection-related laws and regulations such as Law of the People's Republic of China on the Promotion of Clean Production, and, with the ISO 14001 Environmental Management System at its core, established an integrated management system for "quality, environmental, and occupational health and safety". The Company passed the GB/T24001 Environmental Management System certification in 2025.

Environmental Management System Certification

Governance

Haitai Solar has strictly complied with relevant laws and regulations such as Environmental Protection Law of the People's Republic of China, Environmental Impact Assessment Law of the People's Republic of China, formulated a series of institutional documents including Quality, Environmental, Occupational Health and Safety Management Manual. Control Procedures for the Identification, Evaluation and Control of Hazard Sources and Environmental Factors, Control Procedures for Monitoring and Measurement of Environmental, Occupational Health and Safety Performance, and included Health and Environmental Management Policy in 2025, continuously improving the development of the environmental management system.

Board of Directors

Responsible for reviewing and formulating the Company's environmental protection policies, targets, and major decisions, ensuring that environmental management requirements align with our long-term development strategy.

Safety Management Department

Coordinate and drive forward all aspects of environmental compliance management, with specific responsibility for key tasks such as the identification of environmental factors, the compilation of the List of Significant Environmental Factors, compliance assessments, the development of contingency plans, and environmental monitoring.

Lead the establishment and continuous improvement of the supporting institutional system for environmental management, collaboratively promote the formulation and implementation of annual environmental management goals and special plans, and carry out tracking, evaluation, and continuous improvement of key environmental matters and key stages.

All other employees

Consciously comply with national environmental laws and regulations as well as relevant Company policies, actively participate in various environmental protection activities, continuously enhance environmental awareness, and take effective measures in daily work to reduce pollution and resource waste.

Strategy

Haitai Solar has identified and reviewed potential environmental-related risks and opportunities in our production, operations, and industrial chain links, comprehensively incorporated the identification results into operational management and major matters decision-making processes, and continuously strengthened our capabilities to identify, respond to, and review environmental risks and opportunities, thereby building a solid safety defence line for green and low-carbon operations.

Risk Identification and Response

Risk Type	Risk Description	Likelihood of Occurrence	Impact Timeframe	Impact Dimension	Current Financial Impact	Responses
Policy and regulatory risk	Standards and regulatory requirements in the field of environmental protection are in a state of dynamic upgrading. If the Company fails to promptly track and interpret the latest policy documents or adjust our internal management specifications, compliance loopholes may arise, leading to risks such as regulatory penalties and hindered project approvals.	High	Long term	Market, finance	Increased compliance management costs, potential investment in remediation projects and administrative fines, as well as rising financing costs resulting from extended project implementation cycles.	1. Establish a dynamic tracking mechanism for environmental policies, with dedicated personnel liaising with regulatory authorities to obtain policy interpretations to ensure that we stay abreast of the latest requirements in a timely manner; 2. Conduct quarterly special environmental compliance audits and revise internal policies and operating procedures, such as the *Environmental Management Manual*, in accordance with policy amendments; 3. Disclose detailed progress towards compliance targets in ESG reports in accordance with international standards such as GRI and SASB, and proactively invite scrutiny from stakeholders.
Emergency risk	During production and operational processes, sudden environmental incidents (such as pollutant leakage or shutdown of environmental protection facilities) may arise due to equipment failure, operational errors, or force majeure. If not handled promptly or appropriately, such incidents may lead to production interruptions, asset damage, and significant adverse impacts on the surrounding ecological environment, employee health, and the Company's brand reputation.	Medium	Short term	Finance, operations	Exposure to substantial accident management and environmental remediation costs; compensation claims arising from delayed order deliveries due to production stoppages; and loss of customers resulting from damage to the brand's reputation.	1. Establish an environmental emergency response plan system covering key processes, critical facilities, and hazard sources, and clarify the graded incident response procedures and the division of responsibilities among various departments; 2. Regularly organise emergency drills and specialised training to enhance employees' practical emergency response capabilities and ensure rapid response to emergencies; 3. Implement dual backup and real-time monitoring for key environmental facilities such as VOCs treatment equipment, and deploy rapid isolation equipment in high-risk areas.

Opportunity Identification and Response

Opportunity Type	Opportunity Description	Likelihood of Occurrence	Impact Timeframe	Impact Dimension	Current Financial Impact	Responses
Green compliance and brand value enhancement	By continuously improving environmental compliance management levels and benchmarking against international standards, the Company has established differentiated advantages in green production and compliant operations, enhancing brand credibility and market competitiveness, and expanding the scope of cooperation with high-quality customers.	High	Long term	Market, customers, and brand	Steady growth in main business revenue driven by enhanced order quality and increased pricing power, with profit levels rising in tandem as a result of economies of scale.	1. Establish a dynamic tracking mechanism for domestic and international environmental management best practices, and benchmark against the compliance management experience of industry-leading enterprises on a quarterly basis; 2. Incorporate key environmental compliance indicators into our core strategy, and continuously optimise the integrated "quality-environmental-occupational health and safety" management system.
Green supply chain collaboration	We have incorporated ESG standards into supplier admission and evaluation systems, with a focus on verifying upstream suppliers' environmental credentials such as ISO 14001 environmental management systems certification and compliance with pollutant discharge standards. We promote collaborative efforts across the value chain in energy conservation, carbon reduction, and circular utilisation, thereby further strengthening the Company's national-level green supply chain advantages.	High	Long term	Supply chain, costs	Reduce supply chain environmental risks and compliance costs, and decrease production interruptions caused by suppliers' environmental issues; meanwhile, enhance overall supply chain efficiency through collaborative carbon reduction and strengthen the brand's market competitiveness.	1. Strengthen the audit of suppliers' green qualifications, treat environmental compliance performance as a core evaluation indicator, and implement a mechanism linking green ratings with procurement shares; 2. Regularly organise green management training for suppliers, share practical experience in energy conservation, carbon reduction, and circular economy, and promote the green transformation of the supply chain; 3. Carry out green collaborative innovation with core suppliers, jointly develop environmentally friendly raw materials, and optimise emission reduction solutions for packaging and transportation stages.

Impact, Risk, and Opportunity Management

Haitai Solar has adhered to the concept of green and low-carbon development, strictly complied with environmental protection-related laws and regulations, and established a full-process environmental compliance risk management mechanism centred on "risk identification-assessment-response-monitoring". Relying on the organisational structure of "Safety Management Department leadership and collaboration among all business departments", the Company has defined the management priorities and implementation requirements for each stage, and through systematic and standardised risk control measures, effectively prevented environmental compliance risks, ensuring orderly and compliant production operations and environmental management, as well as efficient coordination.

Risk identification

- Led by the Safety Management Department, collaborate with various business departments to carry out these activities.
- Comprehensively collect internal and external information, including environmental laws and regulations, regulatory policies, and industry standards.
- Focus on key risk points such as incomplete environmental approvals, pollutant discharge exceeding standards, non-compliant hazardous waste disposal, abnormal operation of environmental facilities, and untimely policy updates.
- Analyse the causes and impacts of risks based on actual production and operations, and establish and update risk lists.

Risk assessment

- Incorporate environmental compliance risks into annual comprehensive risk assessment.
- Adopt a combination of qualitative and quantitative methods (such as expert reviews and the risk matrix method).
- Classify risks into three levels—general, significant, and major—based on the likelihood of occurrence and the degree of impact (economic losses, regulatory penalties, etc.).
- Focus on major risks such as the discharge of pollutants in excess of permitted levels, compile an assessment report, and submit it for review at each level.

Risk monitoring

Improve system documents such as the *Environmental Management Manual and the Hazardous Chemicals Management Policy*.

Ensure that environmental protection facilities are operated and maintained simultaneously with production facilities, and provide dedicated equipment such as VOCs treatment facilities.

Strictly implement the hazardous waste transfer manifest system and standardise "three wastes" emission monitoring processes.

Conduct training on environmental regulations and emergency drills, and dynamically adapt management measures in line with policy updates and adjustments.

Risk management

- Install monitoring equipment at key locations and regularly test indicators such as wastewater, exhaust gas, and noise.
- Incorporate compliance control status into our internal control reporting system and report major incidents immediately.
- Track effectiveness through daily inspections and special checks, and establish a ledger for the closed-loop management of defects.
- Include environmental compliance implementation in the performance appraisal of departments and employees.

Metrics and Targets

Haitai Solar has consistently adhered to the bottom line of environmental compliance, strictly complied with various environmental protection laws, regulations, and standards, proactively fulfilled our primary responsibility for ecological and environmental protection, ensured compliant operations through whole-process environmental management, and promoted the green and high-quality development of the enterprise.

The Company focuses on the core objective of environmental compliance management and has established clear targets and phased plans: strictly ensuring a 100% compliance rate for wastewater, exhaust gas, and noise emissions, as well as a 100% standardised disposal rate for hazardous waste; achieving an environmental protection facility integrity and operation rate of above 98% by 2026, and a 100% coverage rate for employee environmental compliance training; and obtaining one to two additional international certifications related to green management before 2028, ensuring alignment with international standards and continuously strengthening the foundation for compliant operations.

Type	Specific Targets	Target Value	Deadline
Daily environmental management and control	Compliance rate of wastewater, exhaust gas, and noise emissions	100%	Ongoing
	Standardised disposal rate of hazardous waste	100%	Ongoing
Operation of environmental facilities	Intactness rate and operation rate of environmental protection facilities	≥ 98%	2026
Personnel compliance management	Employee environmental compliance training coverage rate	100%	2026
Green management certification	New international certifications related to green management	One to two items	By 2028

We identified a total of **154** hazards through cumulative joint inspections, with zero major hazards.

During the year, **no incidents** of circulars of criticism or penalties from the Environmental Protection Bureau or the Emergency Management Bureau occurred.

Green Operations

Green operations are the core practice through which Haitai Solar implements its sustainable development strategy. Closely aligned with the national carbon peaking and carbon neutrality goals and green development requirements, the Company integrates low-carbon, high-efficiency, and circular principles throughout the entire production and operations value chain. Through a series of measures, including precise pollutant control, standardised waste disposal, clean energy substitution, and resource recycling and utilisation, we have continuously optimised environmental performance, strengthened the foundation for green development, and supported the sustainable upgrading of the industry ecosystem.

Pollutant Discharge

Haitai Solar has strictly complied with core environmental laws and regulations such as *Environmental Protection Law of the People's Republic of China, Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste, Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution, Law of the People's Republic of China on the Prevention and Control of Water Pollution*, and established a dedicated Safety Management Department to coordinate the development of the Company's standardised waste management system. The Company has formulated supporting documents such as *Health and Environmental Management Policy* to systematically promote the effective implementation of clean and green production. By virtue of our outstanding performance in environmental compliance and green operations, the Company was awarded the honorary title of "Municipal Clean Production Enterprise" in 2025.

Three Wastes Testing Report

Wastewater

- Discharge types: Production wastewater (equipment cleaning, floor wiping), pure water preparation drainage, domestic sewage
- Testing items: Chemical oxygen demand (COD), ammonia nitrogen, suspended solids, pH value, etc.
- Pollution prevention and control facilities: On-site pretreatment facilities, septic tanks, wastewater collection systems

Waste gas

- Emission types: VOCs from production processes, vehicle exhaust, canteen oil fumes
- Testing items: Oil fumes, non-methane hydrocarbons, etc.
- Pollution prevention and control facilities: UV photolysis and oxidation equipment, high-efficiency oil fume purification equipment, gas collection hoods and piping systems

Waste management

- Discharge types: Industrial solid waste (offcuts, packaging materials), hazardous waste (waste chemical containers, waste filter elements), domestic waste
- Pollution prevention and control facilities: Waste sorting and collection points, dedicated storage containers for hazardous waste

Exhaust Gas Emissions

The atmospheric pollutants generated by the Company during the production process include volatile organic compounds (VOCs) produced during production activities, vehicle exhaust emissions from transport vehicles within the plant area, and cooking fumes generated from canteen operations. The Company implements controls to ensure that emissions comply with standards.

For VOCs generated during production processes, ultraviolet photolytic oxidation equipment is installed. Through a closed-loop process of centralised collection and photolytic purification, VOCs are decomposed into harmless carbon dioxide and water, achieving a treatment efficiency of over 90% and ensuring that non-methane total hydrocarbon emission concentrations meet the requirements of the Emission Standard of Air Pollutants for Industrial Enterprises. Transport vehicles within the plant are subject to standardised management, with designated routes and parking areas, mandatory periodic exhaust inspections, and prohibition of non-compliant vehicles from entering the site, thereby controlling vehicle exhaust emissions at source. The canteen is equipped with high-efficiency oil fume purification equipment, achieving a removal efficiency of over 95% and preventing impacts on the surrounding air environment.

Wastewater Discharge

Wastewater mainly comes from the cleaning of production equipment during the Company's photovoltaic module production and R&D processes, filtration effluent generated during reagent preparation, and domestic sewage generated from employees' daily office work and living activities. The Company classifies wastewater based on its source and applies targeted treatment: production wastewater and pure water preparation discharge are pre-treated through on-site facilities and then combined with domestic sewage in the plant's wastewater collection system. After meeting the requirements of the Integrated Wastewater Discharge Standard and the influent standards of local wastewater treatment plants, the wastewater is discharged to such plants for further treatment, ensuring full compliance throughout the process.

The Company prioritises the use of environmentally friendly raw materials and clean energy, and optimises production processes to reduce unnecessary water usage. Monitoring equipment is installed at wastewater discharge outlets and drainage points across production workshops to ensure compliant discharge. Domestic sewage and pure water preparation discharge are pre-treated through septic tanks and then transported to local wastewater treatment plants (such as Xinghe County Wastewater Treatment Plant) for advanced treatment, avoiding direct discharge.

Indicator Name	Unit	Performance in 2025
Total wastewater discharge	tonnes	134,694.00
Wastewater discharged per RMB1 million revenue	tonnes/RMB1 million revenue	81.17

Noise Management

The Company provides employees with noise-reducing earplugs and conducted on-site inspections from time to time on employees' wearing and use of them. The responsible department carries out routine monitoring every month and maintains relevant monitoring records. Employees in noise-exposed positions undergo regular medical examinations every year, and there are no cases of noise-induced deafness or other personnel with occupational contraindications.

During environmental monitoring conducted in the reporting year, non-methane total hydrocarbon emission concentrations met the limits for unorganised emissions as specified in the *Emission Standard of Air Pollutants for Industrial Enterprises*. Key wastewater indicators, including pH, ammonia nitrogen, suspended solids, five-day biochemical oxygen demand, and chemical oxygen demand, complied with the maximum allowable discharge limits under the *Integrated Wastewater Discharge Standard*, as well as the influent requirements of the Yutian County Urban Wastewater Treatment Plant. Daytime and nighttime environmental noise levels also met the limits specified in the *Emission Standard for Industrial Enterprise Boundary Noise*.

Waste Disposal

Haitai Solar has strictly complied with *Environmental Protection Law of the People's Republic of China, Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste, Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution, Law of the People's Republic of China on the Prevention and Control of Water Pollution* and other environmental protection-related laws and regulations, established relevant institutional standards such as the *Hazardous Chemicals Management Policy*, and the Safety Management Department promoted the Company's clean and green production work.

In view of the characteristics of photovoltaic module production, the Company mainly classifies waste into industrial solid waste and domestic waste, and implements strict classified management. The Company entrusts qualified third-party institutions to uniformly collect and treat industrial solid waste and domestic waste, ensuring minimal environmental impact while enabling resource recycling. Hazardous waste, such as waste oil, used chemical cleaning agents, waste adhesive drum linings, spent activated carbon, and waste lamps, is strictly handled in accordance with the hazardous waste transfer manifest system and entrusted to qualified disposal entities, with full-process monitoring to ensure compliance at every stage.

Waste Indicators

Indicator Name	Unit	Performance in 2025
Total hazardous waste	tonnes	0.61
Total hazardous waste generated per RMB1 million revenue	tonnes/RMB1 million revenue	0.04

Energy and Water Resource Utilisation

Haitai Solar has always regarded the efficient use of resources and green, low-carbon transformation as the core drivers of sustainable development, strictly complied with the relevant laws, regulations, and standards on energy and water resources, and established and improved a full-process management system covering energy consumption control, clean energy substitution, water conservation, and water recycling. Through technological innovation, equipment upgrades, refined operations, and other diverse measures, we have continuously optimised the energy mix, improved the efficiency of water resource utilisation, and advanced the transformation of energy and water resource management towards greater efficiency, cleanliness, and circularity, thereby consolidating the resource foundation for the Company's green and high-quality development.

Energy Utilisation

Haitai Solar has strictly complied with relevant laws, regulations, and standard requirements such as *Energy Conservation Law of the People's Republic of China, Law of the People's Republic of China on Renewable Energy, Law of the People's Republic of China on the Promotion of Clean Production*, formulated core energy and resource management documents such as *Power Energy Conservation Report and Air Conditioning Start-Stop Management Policy*, continuously improved and refined the Company's energy management system, and focused on advancing the implementation of sustainable development from two dimensions: energy conservation and emission reduction, and green energy utilisation.

The Company primarily uses four types of energy in its production and operations: electricity, natural gas, diesel, and solar energy, covering key processes such as manufacturing, office operations, and logistics. Electricity is used for production line operations, equipment functioning, and office lighting; natural gas is used for auxiliary heating in production and canteen cooking; diesel powers traditional fuel-based logistics equipment; and solar energy, generated through on-site photovoltaic panels, is used for self-consumption, providing clean electricity for production support, office, and living facilities.

To reduce dependence on traditional energy sources such as natural gas and diesel, the Company has implemented multiple measures: first, expanding the substitution of clean energy by increasing the self-sufficiency rate of green electricity through photovoltaic self-generation and self-consumption, with photovoltaic power generation increasing by approximately 27% year-on-year in 2025; second, promoting energy-saving equipment upgrades by replacing fuel-powered forklifts with electric forklifts and updating outdated high energy-consuming equipment; third, strengthening refined energy consumption management by installing intelligent monitoring devices to identify abnormal consumption, optimising electricity usage plans, and promoting energy-saving practices in offices. As a result, total electricity consumption decreased by approximately 6% year-on-year in 2025, while natural gas and diesel consumption declined significantly compared with the previous year. In 2025, the Company strengthened the management and control of internal details and implemented multiple energy-saving and emissions-reduction measures.

Case

Outstanding Energy Saving and Emission Reduction Projects

Houhu Base Industrial and Commercial Self-generation System

A 7.18 MW distributed photovoltaic (PV) self-generation system was added, using high-efficiency TOPCon modules and utilising idle spaces such as factory rooftops and car park canopies, equipped with an intelligent operation and maintenance monitoring platform. The annual average electricity generation is approximately 8.2 million kilowatt-hours, resulting in electricity cost savings of around RM5 million and a reduction in carbon dioxide emissions of approximately 6,560 tonnes, thereby achieving a win-win situation for both the economy and the environment.

Upgrade of forklifts across all bases

Addressing the high energy consumption and pollution of fuel-powered forklifts at three major bases, the Company assessed transport capacity needs, phased out outdated fuel forklifts, and uniformly replaced them with new energy electric forklifts. Electric forklifts feature zero emissions and low noise, with a single charge supporting up to eight hours of operation. This has reduced annual diesel consumption by approximately 12 tonnes and lowers costs by approximately RMB180,000, supporting the development of green logistics.

Optimisation of the Tangshan base energy storage project

In collaboration with Huawei Digital Power, circuit upgrades were implemented for 2 MWh energy storage cabinets, optimising charging and discharging strategies and integrating with the power supply network of the technology laboratory building and canteen to achieve efficient storage and allocation of photovoltaic electricity. This achieved daily electricity savings of 2,000 kWh, annual savings of approximately 730,000 kWh, and reduced electricity costs by around RMB250,000, whilst improving the stability of the power supply.

Refined electricity-saving measures in office areas

include issuing energy-saving initiatives, clarifying responsibilities for equipment shutdown, optimising the placement of electricity meters to enable zonal energy consumption monitoring, and replacing equipment with energy-efficient LED lighting and high-efficiency air conditioning systems. This achieved an average daily electricity saving of approximately 24,000 kWh in office areas across bases, amounting to approximately 8.76 million kWh annually and saving around approximately RMB5.26 million in electricity costs, fostering a company-wide culture of energy conservation.

In 2025, total electricity consumption decreased by approximately 6% year-on-year, photovoltaic power generation increased by approximately 27% year-on-year, and our capacity for green electricity self-sufficiency continued to strengthen, effectively reducing our reliance on externally purchased electricity and improving the cleanliness of our energy mix. In addition, the Company purchased a total of 95,209 green certificates in 2025, using actual procurement to drive clean energy development and low-carbon transformation.

Indicator Name		Unit	Data of 2025
Energy utilisation	Purchased electricity	10,000 kWh	5,902.71
	Natural gas consumption	10,000 m^3	0.03
	Diesel oil	L	18,940.48
	Gasoline	L	131,199.05
	Solar/ photovoltaic power generation	10,000 kWh	416.62
	Total energy consumption	tce	7,938.47
	Total energy consumption per RMB1 million revenue	tce/RMB1 million revenue	4.78

Water Resource Utilisation

Haitai Solar has strictly complied with *Water Law of the People's Republic of China and Law of the People's Republic of China on Prevention and Control of Water Pollution* and other laws and regulations, fully complied with the regulatory requirements on water abstraction, water use, and drainage in the places where we operated, and incorporated water resources management into routine operational control. Led by the Safety Management Department, the Company has established standardised water use and drainage management procedures, and strengthened water conservation and water pollution prevention and control throughout the entire process. By continuously advancing the efficient use, recycling, and compliant discharge management of water resources, the Company has effectively improved water resource utilisation efficiency, ensuring that water-related processes were lawful, compliant, green, and intensive.

In terms of production water management, the Company has introduced an advanced variable-frequency optimised water supply system. Through precise intelligent regulation capabilities, the Company achieved real-time matching between water supply and production demand, effectively reducing unnecessary losses during water transmission. The cooling water circulation system employs efficient heat exchange equipment and precise pipeline design, combined with water quality monitoring and purification technologies, ensuring stable operation within a closed-loop system, significantly improving water recycling rates and reducing reliance on fresh water resources.

In domestic water use areas, the Company has widely used sensor taps. Leveraging intelligent sensing technology, we achieved automated control of water use and eliminated water wastage caused by human negligence.

Indicator Name		Unit	Data of 2025
Water resource utilisation	Freshwater consumption	tonnes	180,194.00
	Total water consumption	tonnes	214,710.00
	Water consumption intensity	tonnes/RMB1 million revenue	129.38
	Percentage of water recycled and reused	-	19.15%

Circular Economy

Haitai Solar has attached importance to recycling and circular utilisation throughout the entire product life cycle, and promoted the establishment of a closed-loop industrial ecosystem. The Company has made deep efforts in the development of a green supply chain system and implemented strict admission management for suppliers of major materials such as silicon materials, silicon wafers, cells, glass, and frames. With our outstanding performance in green manufacturing and supply chain development, the Company was included in the Ministry of Industry and Information Technology's 2021 Green Manufacturing Publicity List and was recognised as a "Green Design Product".

The Company has encouraged double-sided use of paper and established a paper recycling system, requiring all departments and units to sort, recycle, and reuse waste paper generated during office operations and production processes. The Company has implemented a pallet and packing box recycling and reuse plan, improving the efficiency of logistics packaging materials through repeated use.

Case Reuse of Pallets

Localised circular reuse of wooden pallets

The Company implements unified registration and standardised management for wooden pallets that are not recycled by suppliers. We prioritise allocating them to local photovoltaic project sites for temporary storage and transfer of materials, effectively extending the service life of wooden pallets, reducing procurement costs, and decreasing the generation of wood waste, thereby achieving a win-win.

Enhancement of the full lifecycle utilisation rate of iron pallets

Idle iron pallets are first redeployed for secondary use in local projects, then centrally collected and returned to suppliers for recycling, increasing turnover rates, reducing new procurement demand, lowering steel consumption and carbon emissions, and promoting circular economy practices.

Green Product Design

The Company has integrated the green design concept throughout the entire life cycle of its products, following the "3R Principles" (Reduce, Recycle, Reuse). During the stages of research and development design, raw material procurement, production and manufacturing, packaging, and transportation, environmental factors have been taken into consideration. On the basis of ensuring product quality, we have reduced energy consumption and improved the disassemblability, recyclability, and reusability of products and packaging. The Company's products, by virtue of their excellent green design and energy-saving performance, were included among the green-designed photovoltaic module product enterprises recommended by the Department of Industry and Information Technology of Hebei Province.

R&D and design stage	Raw material procurement stage	Manufacturing stage	Packaging stage	Transportation stage	Product performance
Select design directions that can reduce environmental impact through extensive market research and exploration of frontier technologies.	Prioritise the procurement of eco-friendly raw materials with high recycling value and low-energy production, controlling the introduction of hazardous substances at the source.	Optimise production line layout, improve energy utilisation efficiency, and introduce advanced intelligent manufacturing technologies and strict environmental management systems to ensure that the surrounding ecological environment is not disturbed.	Promote the application of environmentally friendly materials in packaging and advance their circular utilisation, such as the recycling and reuse of film packaging boxes and the circular use of glass iron pallets.	Prioritise cooperation with international and domestic logistics companies with a philosophy of sustainable development, to jointly promote the development of sustainable supply chains.	The overall recyclability rate of products is ≥ 90%, with glass recyclability not less than 98% and packaging material recyclability ≥ 95%. In terms of energy consumption control, the average comprehensive energy consumption of crystalline silicon module projects is <40,000 kWh/MW, and that of thin-film photovoltaic modules is <500,000 kWh/MW.

Product Carbon Emissions

The Company has attached great importance to carbon emission management and control throughout the full life cycle of its products, completed the PV Module Product Carbon Footprint Evaluation Report, and obtained the product carbon footprint certificate from China Certification & Inspection Group in 2025. The Company has conducted precise accounting of carbon emissions across all stages of its products, and implemented targeted carbon reduction measures throughout the entire lifecycle. It has focused on emission reduction in the raw material stage by optimising supplier admission standards, promoting the recycling and reuse of raw materials, and improving resource utilisation efficiency, thereby reducing carbon emission intensity at source. At the same time, it has advanced energy-saving and carbon reduction measures in transportation and production stages, comprehensively promoting the green development of products across their full lifecycle and actively practising circular economy and low-carbon development principles.

Product Carbon Footprint Certificate

PV Module Product Carbon Footprint Evaluation Report

Section 4

Sustainable Development Goals (SDGs) of the UN

Gathering Wisdom for Shared Responsibility and Coexistence

Haitai Solar has adhered to the guiding philosophy that "talent is the foundation of the enterprise", continuously improved its talent management system, effectively safeguarded employees' lawful rights and interests, comprehensively protected employees' occupational health and life safety, and striven to create a safe, healthy, and harmonious working environment. We have attached great importance to talent development, focused on opening up career advancement pathways, and empowered employees to enhance their value through the development model of a growth community. In addition, the Company has actively fulfilled its corporate social responsibilities, responded to the national strategy for rural revitalisation, and contributed to building a harmonious and better society.

Employee Rights and Interests

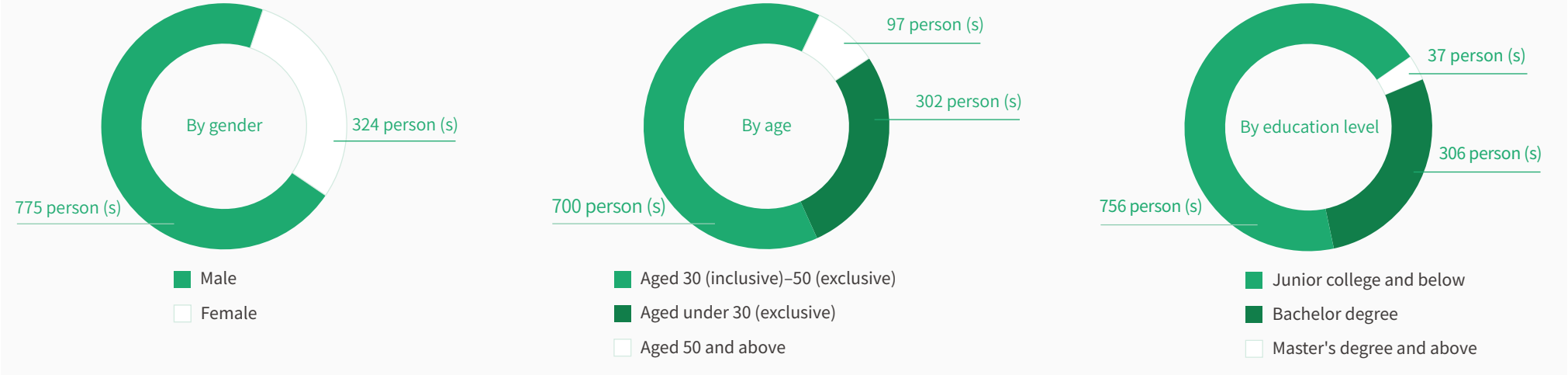
Haitai Solar attaches great importance to employees' lawful rights and interests. The Company has strictly complied with relevant laws and regulations such as *Labor Law of the People's Republic of China, Labor Contract Law of the People's Republic of China, Social Insurance Law of the People's Republic of China*, and formulated and improved a series of internal policies such as *Employee Management Policy, Employee Recruitment Management Policy*, Labour and Human Rights Management Policy, in order to protect employee rights and interests, regulate personnel conduct, and handle social insurance for all employees in accordance with the law, ensuring that employees' lawful rights and interests are protected.

Recruitment and Dismissal

Haitai Solar has formulated and strictly implemented the *Employee Recruitment Management Policy and the Employee Resignation Management Policy* to improve the human resources management system through standardised processes. While precisely meeting the Company's staffing needs for development, we have lawfully safeguarded employees' legitimate rights and interests throughout the entire onboarding and resignation process, thereby building harmonious and stable labour relations.

In talent recruitment, we have adhered to the principles of "open recruitment, equal competition, internal before external, and matching people to positions", and sought suitable talent through various online and offline recruitment channels. The Company has strictly complied with international labour standards and national laws and regulations, expressly prohibited all forms of forced labour, strictly reviewed age information during the recruitment stage, and rigorously supervised forced labour during the employment stage. In 2025, the Company conducted more than **30** online and offline recruitment fairs, including social recruitment and campus recruitment, and **117** new employees joined us. All labour contracts were signed in accordance with the law.

Employee Composition in 2025



Remuneration and Benefits

The Company has formulated remuneration policies such as *Remuneration and Position Grade Management Policy and Performance Management Measures* to standardise remuneration management and ensure that employees receive corresponding remuneration returns through reasonable performance appraisal. Employee remuneration consists of four components: basic salary, position salary, skills salary, and performance salary. Each year, the Company adjusts remuneration based on annual operating results, market remuneration levels, and employees' performance appraisal results. In terms of working hours and leave management, the Company has formulated *Employee Attendance Management Policy* to safeguard employees' lawful working hours and ensure that they are entitled to various types of leave, including national statutory holidays, sick leave, personal leave, annual leave, and others.

To enhance employees' sense of belonging, the Company has established various benefits for employees in relation to traditional festivals, marriage, maternity and breastfeeding, catering and accommodation support, summer heat relief, team building, and cultural and sports activities. During the reporting period, our social insurance contribution coverage rate was 100%.

Welfare Categories

Statutory benefits

Pension fund, medical insurance, work-related injury insurance, unemployment insurance, maternity insurance, and housing provident fund.

Care benefits

Holiday benefits, birthday parties, summer heat prevention, sickness and bereavement care, lactation leave, team building, cultural and sports activities, catering and accommodation benefits, medical check-ups, etc.

Special benefits

Rental allowance, seniority allowance, professional title allowance, education allowance, disability allowance, etc.

Birthday Party Badminton Match

Staff Party

Outdoor Team Building

Festival Greetings

Diversity and Anti-Discrimination

Haitai Solar respects the diversity of employees and values differences across multiple dimensions, including race, ethnicity, culture, and thought. Throughout the full-process management of employee recruitment, promotion and development, and skills training, the Company has treated employees of different ages and marital status equally, fairly, and impartially. We have valued the unique contributions of every employee and, through diverse support measures, helped them achieve career growth and realise their personal value, thereby jointly empowering corporate development.

The Company has maintained a zero-tolerance stance towards all types of misconduct such as workplace harassment and forced labour, effectively strengthening the protection of employees' rights and interests, with a focus on safeguarding the lawful rights and interests of female employees and preventing them from being subjected to unfair treatment and retaliation.

Occupational Health and Work Safety

Haitai Solar has adhered to the safety philosophy of "people-oriented", strictly complied with the requirements of relevant laws and regulations such as Law of the People's Republic of China on Work Safety, formulated and implemented a number of related policies, and, with reference to the requirements of ISO 45001 Occupational health and safety management systems, systematically identified, analysed and controlled potential occupational hazards and safety issues in the production process, continuously enhancing risk prevention and control capabilities.

Work Safety

Haitai Solar has always placed work safety in a prominent position in the Company's development, firmly established the concept of safe development, and resolutely implemented the basic policy of "safety first, prevention-oriented, and comprehensive management". The Company has strictly complied with the requirements of laws and regulations such as Law of the People's Republic of China on Work Safety, continuously improved the work safety responsibility system, strengthened risk prevention and control and the investigation and remediation of hidden hazards, and made every effort to safeguard the lives and property of employees and the stable operation of the enterprise.

Democratic Communication

Haitai Solar highly values employees' rights to participation, expression and supervision in the Company's daily production, operation and management. Suggestion boxes are placed in designated areas within the factory premises to encourage employees to uphold the principle of seeking truth from facts and provide feedback on issues and suggestions related to the Company's daily operation and management. The issues raised cover the optimisation of supporting services related to clothing, food, accommodation and transport, the improvement of work management models, and the enhancement of work safety safeguards, and also include leads for reporting misconduct such as corruption for personal gain and abuse of authority. This initiative aims to deepen two-way communication between the Company and employees, and to keep channels for feedback and suggestions open. The Company has strictly maintained the confidentiality of feedback providers' information, effectively safeguarding employees' legitimate rights to express themselves, and enabling them to speak up and offer suggestions with confidence. During the reporting period, the employee satisfaction survey results showed a satisfaction rate of 100%.

Suggestion Box

Governance

The Company has formulated the Work Safety Standardisation manual to implement the work safety responsibility system, clarify the work safety responsibilities of each relevant position, improve the executability of work safety, and ensure that work safety responsibilities are implemented at every level. We have established and improved a work safety management system for which the Board of Directors assumes overall responsibility, actively promoted the participation of all employees in safety culture development, implemented relevant training and practical drills, and continuously improved work safety performance.

Work Safety Management Framework

Board of Directors

It is the highest oversight and decision-making body for work safety

Safety Committee

One member of the Board of Directors and one senior management member serve as the Director of the Safety Committee, responsible for supervising and managing the safety functions of the Company and ensuring that various safety measures are effectively implemented

Safety Management Department

It formulates the Company's annual work safety management plan, defines targets and indicators for each department, supervises implementation and inspection, and makes timely improvements based on actual conditions

Departments

They strictly comply with various work safety rules, regulations, and operating procedures formulated by the Company, and take responsibility for our department's daily safety management work, etc.

Employee representative for work safety

The representative regularly provides opinions or suggestions on work safety management work, represents employees in communicating with the Company's leadership and the Safety Management Department, and participates in work safety inspections and accident investigations

Strategy

When identifying occupational health and work safety risks and opportunities, Haitai Solar has systematically analysed factors such as national laws and regulations, industry safety management standards, and the Company's historical investigations into potential safety hazards. The Company has identified key risks from the perspectives of legal compliance, natural disasters, and talent capability reserves, while also focusing on management improvement opportunities brought about by technological progress, the strengthening of safety systems, and talent development, thereby providing a basis for improving the safety governance system and enhancing operational resilience.

Work Safety Risks and Opportunities

Type	Description	Impact Timeframe	Impact Dimension	Current Financial Impact	Responses
Risk					
Risk of increasingly stringent laws and policies	Laws and regulations related to work safety are continuously updated, and regulatory enforcement is being constantly strengthened. The Company needs to invest more resources in safety facility upgrades, risk protection, and other areas; failure to respond in a timely manner may lead to compliance risks.	Medium term, long term	Compliance, operations, costs	Operating costs +	• Strengthen the development of internal work safety policies; • continuously track the regulations of administrative regulatory departments.
Risk of natural disasters	Impact on factories, equipment, and personnel resulting from natural disasters such as gales, rainstorms, lightning, and floods.	Short term	Safety, production continuity	Operating costs + Expenses+	• Proactively prepare for the arrival of severe weather; • strengthen the maintenance of relevant equipment and facilities.

Type	Description	Impact Timeframe	Impact Dimension	Current Financial Impact	Responses
Risk					
Risk of inadequate personnel competence and allocation	Insufficient supply of professional technical personnel and safety management personnel, and an imbalanced experience structure, may affect the effectiveness of risk identification, hazard identification, and emergency response, exerting pressure on the quality of safety management.	Medium term	Safety, organisational capability	Labor costs + Expenses+	• Strengthen work safety training for personnel in relevant positions; • engage external professionals to conduct internal training.
Risk of equipment aging and facility reliability	With increasing years of operation, work safety equipment, transport equipment, and ventilation and power supply facilities may experience performance degradation and higher failure rates. Inadequate maintenance may lead to operational interruptions or safety incidents.	Short term, medium term	Safety, cost, efficiency	Operating costs +	• Regularly maintain production and operation equipment, and increase investment in equipment.
Opportunities					
Opportunities from safety technology upgrades	Opportunities from safety technology upgrades arising from measures to address work safety and the continuous upgrading of system technologies.	Medium term/Long term	Safety, efficiency, cost	Equipment costs + Loss expenses -	• The introduction of technologies such as intelligent monitoring and online monitoring of hazard factors can significantly enhance safety management and control levels, reduce human errors, and improve early warning capabilities.
Opportunities from systematised safety management enhancement	Internal management enhancement brought about by the continuous improvement of systematic work safety development.	Medium term	Management capabilities, compliance	Non-compliance costs -	• Continuously promote the development of the ISO 45001 system, and improve the dual prevention mechanism for risk hierarchical control and hazard identification and management; this will systematically enhance safety management capabilities and standardisation levels and improve production stability.
Opportunities from talent cultivation and workforce development	High standards for work safety requirements have driven the enhancement of the team's relevant knowledge and skills.	Medium term, long term	Safety, organisational capability	Loss expenses - Labor costs +	• Strengthen the capacity building of professional and safety management personnel through mentorship, safety training, qualification certification training, and other methods.
Opportunities from equipment upgrades and process optimisation	Equipment renewal and process technology iteration resulting from the replacement of high-risk aging equipmen.	Medium term	Safety, efficiency, cost	Operating revenue + Equipment costs +	• Advance the replacement of aged equipment, process transformation, as well as the development of production automation; this will help to reduce the duration of personnel exposure to high-risk environments, enhance production efficiency, and decrease accident rates.

Impact, Risk and Opportunity Management

To ensure that timely and effective response strategies for work safety accidents can be developed, Haitai Solar has incorporated the management of production safety-related impacts, risks, and opportunities into the Company's overall risk management process. The key steps we take to manage production safety-related impacts, risks, and opportunities are as follows:

Risk identification

We preliminarily compile a list of work safety risks and opportunities based on relevant policies issued by regulatory authorities, peer benchmarking, interviews with business departments, and external information retrieval.

Risk assessment

We analyse and assess the likelihood of occurrence and the severity of impact of various types of work safety accidents under different scenarios. We assess the potential impact on the Company in conjunction with local policies and industry development trends.

Risk response

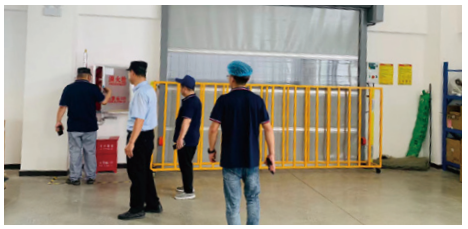
Based on the results of work safety risk assessments, the Safety Management Department and relevant business departments jointly discuss and formulate targeted response measures. Following approval and confirmation by the Safety Committee, the relevant business departments are responsible for implementation.

Risk monitoring

The Safety Management Department and relevant business departments regularly inspect the implementation of production safety risk response measures in accordance with risk monitoring and inspection procedures, and adjust response measures in a timely manner based on actual conditions to ensure that work safety risk management work proceeds in an orderliness and stable manner.

Metrics and Targets

The Company has established a screening mechanism of "daily inspections + joint comprehensive inspections", focusing on carrying out screening work in risk areas such as fire protection equipment and production equipment. A total of 154 hidden hazards were identified through joint comprehensive inspections, with a remediation completion rate of 100%, including zero major hidden hazards. Through continuously improving work safety systems and stringent implementation, we have effectively reduced work safety-related risks. During the year, the Company did not experience any major safety accidents, and the number of incidents of criticism notices and penalty cases issued by the Environmental Protection Bureau and the Emergency Management Bureau was 0.



Work Safety Inspection - Firefighting Equipment

Work Safety Inspection - Production Equipment

The Company formulates an annual safety training plan and organises one safety training session each month to enhance employees' safety awareness. In 2025, the Company conducted 1 emergency drill for safety, emergency response, firefighting and evacuation, and 1 emergency drill for fire accidents in work safety, with the participation of more than 100 person-times.

Annual Work Safety Training

Demonstration of Fire Smoke Extraction Equipment Operation

Key Performance Highlights

Work safety training: **667** person-times in total

Occupational Health

Haitai Solar attaches great importance to employees' occupational health. We have complied with laws and regulations such as *Law of the People's Republic of China on the Prevention and Control of Occupational Diseases*, and formulated the *Environmental, Occupational Health and Safety Management Plan* to ensure that we could achieve our environmental, occupational health and safety management policies and objectives, so that relevant significant environmental factors and hazard sources in all processes of the Company are effectively controlled, thereby creating a safe and stable working environment for all employees.

The Company has established an occupational health management framework with the Safety Management Department taking overall responsibility and all departments working in coordination, improved occupational health protection and monitoring mechanisms, standardised workplace health management, comprehensively safeguarded the occupational health and safety of all employees, and effectively strengthened the protective barrier for employee health. During the reporting period, the Company obtained the Reverification Certification Certificate for the ISO 45001 Occupational Health and Safety Management System Certification.

Occupational Health Management Framework

Safety Management Department	Formulate the Company's annual occupational health and safety management programme, define the objectives of each department, supervise implementation and inspections, and make timely amendments and organise implementation based on actual circumstances
Departments	Formulate departmental control measures, and implement and ensure the achievement of occupational health and safety management goals

ISO 45001 Occupational Health and Safety Management System Certification

The Company identifies potential occupational disease risk points and implements targeted preventive control measures. For example, noise-reduction earplugs are provided to employees in high-noise areas; masks are provided to employees working in areas with exhaust gas or dust; and heatstroke prevention and labour protection supplies are provided to employees exposed to high temperatures or occupational hazards. At the same time, annual occupational health examinations are routinely conducted, ensuring effective prevention and control of occupational disease risks through multiple measures. In 2025, no occupational disease cases in the Company occurred.

Career Development and Training

Haitai Solar highly values talent pipeline development and regards talent cultivation as an important strategic task supporting the high-quality development of the enterprise. The Company has continuously improved its talent development system, clarified promotion pathways and competency requirements, stimulated employees' potential through diverse approaches such as training, job rotation, and competitive selection, and continuously enhanced organisational vitality and core competitiveness.

Career Development

Haitai Solar has formulated the Remuneration and Grade Management Policy, scientifically classifying job sequences and levels, and clarifying employees' career development pathways. Among them, the grade promotion system covers five major sequences: management, marketing, technical, functional, and operational. Smooth transition channels have been established between the various sequences, providing diversified support for employees' career development and helping to achieve collaborative growth and win-win development for employees and the enterprise.

Career Development Path

<table>
<tr><th colspan="5">Position Sequence</th></tr>
<tr><th colspan="2">Management Track</th><th>Marketing Sequence</th><th>Technical Sequence</th><th>Functional Sequence</th><th>Operational Series</th></tr>
<tr><td>Group Chairman</td><td>Business division</td><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2"></td></tr>
<tr><td>Vice President</td><td>General Manager, CXO</td></tr>
<tr><td rowspan="2">Director</td><td>Deputy General Manager
Base General Manager</td><td rowspan="2">Marketing Expert</td><td rowspan="2">Chief Engineer</td><td rowspan="2"></td><td rowspan="2"></td></tr>
<tr><td>Director, Base General Manager</td></tr>
<tr><td>Manager</td><td rowspan="3">Manager, Deputy Manager</td><td rowspan="3">Senior Marketing Manager</td><td rowspan="3">Senior Engineer</td><td rowspan="2"></td><td rowspan="2"></td></tr>
<tr><td rowspan="2">Deputy Manager</td></tr>
<tr><td rowspan="2">Senior Specialist/Officer</td></tr>
<tr><td>Supervisor</td><td rowspan="3">Supervisor</td><td rowspan="2">Intermediate Marketing Manager</td><td rowspan="2">Intermediate Engineer</td><td>Senior Specialist/Officer</td><td>Senior Technician/Senior Shift Supervisor</td></tr>
<tr><td>Intermediate Specialist/Officer</td><td>Senior Technician/Shift Supervisor</td></tr>
<tr><td></td><td rowspan="2">Junior Marketing Manager</td><td rowspan="2">Junior Engineer</td><td>Junior Specialist/Officer</td><td>Technician/Multi-Skilled Worker/Team Leader</td></tr>
<tr><td></td><td></td><td></td><td rowspan="2">Assistant Level</td><td rowspan="2">Junior Technician</td></tr>
</table>

Training Enhancement

To solidly advance team building, establish a comprehensive talent pipeline, enhance the quality of core talent, and strengthen the enterprise's core competitiveness, Haitai Solar has formulated the *Employee Training Management Policy* to regulate various types of capability enhancement training and ensure that training is implemented in an orderly and efficient manner based on actual needs.

The Human Resources Department is responsible for overseeing the entire process of the Company's training management. By conducting training needs surveys and systematic analysis, it takes the lead in completing the preparation of the annual training plan, and is responsible for reviewing the annual training plans submitted by each department, ensuring that training work is closely aligned with the Company's strategy, business development, and employees' growth needs.

The enhancement training system established by the Company covers four core programmes, namely "new employee induction training", "advanced marketing capability training", "successor and management cadre training", and "specialised management trainee training", forming a training matrix that covers different job levels and is tailored to diverse development needs.

Four Categories of Enhancement Training

New employee induction training

Centralised training for new employees once a month

Advanced marketing training

Intensive marketing skills training for marketing staff once every six months

Specialised intensive training for successors and management cadres

Specialised intensive training for successors or management cadres once a year

Management trainee programme

Four-month specialised training for management trainees recruited in the current year

After the training, the Company will carry out a systematic effectiveness evaluation, focusing on verifying the achievement of the training objectives, investigating the extent to which participating trainees have mastered the relevant knowledge and skills, and assessing the effectiveness of the training content in empowering practical work. The evaluation methods include written tests, on-site Q&A assessments, practical operation drills, group discussion evaluations, and individual interview surveys. Each training course simultaneously carries out effectiveness tracking and assessment, while complete training records are established in parallel, detailing the training implementation, trainee performance, and evaluation results, thereby accumulating practical experience for continuously optimising training plans and improving the quality of training work.

Overseas Young Eagle Training and Competition Camp

Advanced Marketing Training

Management Trainee Training

Workshop Learning

Key Performance Highlights

Employee training investments totalled RMB **297,691.80**

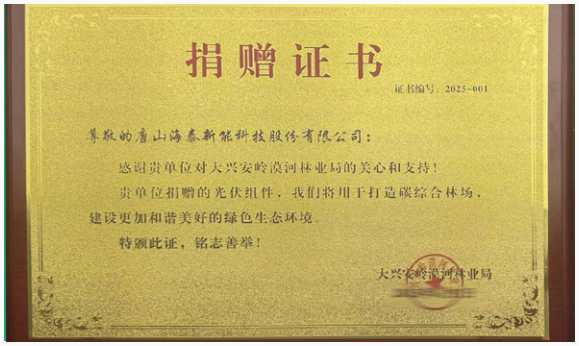
Employee participation in training totalled **2,058.00** person-times

Total training duration was **66,312.00** hours

Average training duration per employee was **108.00** hours

Social Welfare and Rural Revitalisation

Haitai Solar has always closely integrated social welfare with corporate development. Upholding a mindset of care and responsibility, we have actively fulfilled our corporate social responsibilities and contributed to building a more harmonious and better society. In 2025, the Company donated a batch of photovoltaic modules to the Mohe Forestry Bureau in the Greater Khingan Range to support the development of a carbon-integrated forestry farm, leveraging its strengths to contribute to green public welfare initiatives. To support local education development, the Company also donated RMB100,000 to assist the basketball team of Yutian No. 1 High School.


捐赠证书

证书编号：2025-001

尊敬的唐山海泰新能科技股份有限公司：

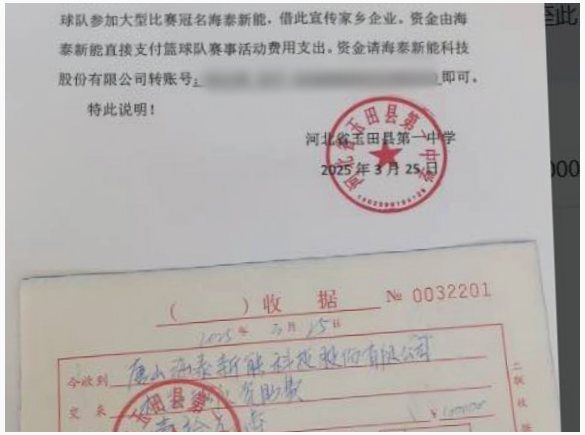
感谢贵单位对大兴安岭漠河林业局的关心和支持！

贵单位捐赠的光伏组件，我们将用于打造碳综合林场，建设更加和谐美好的绿色生态环境。

特颁此证，铭志善举！

大兴安岭漠河林业局

Donation of PV Modules


球队参加大型比赛冠名海泰新能，借此宣传家乡企业。资金由海泰新能直接支付篮球队赛事活动费用支出。资金请海泰新能科技股份有限公司转账号：[redacted]即可。

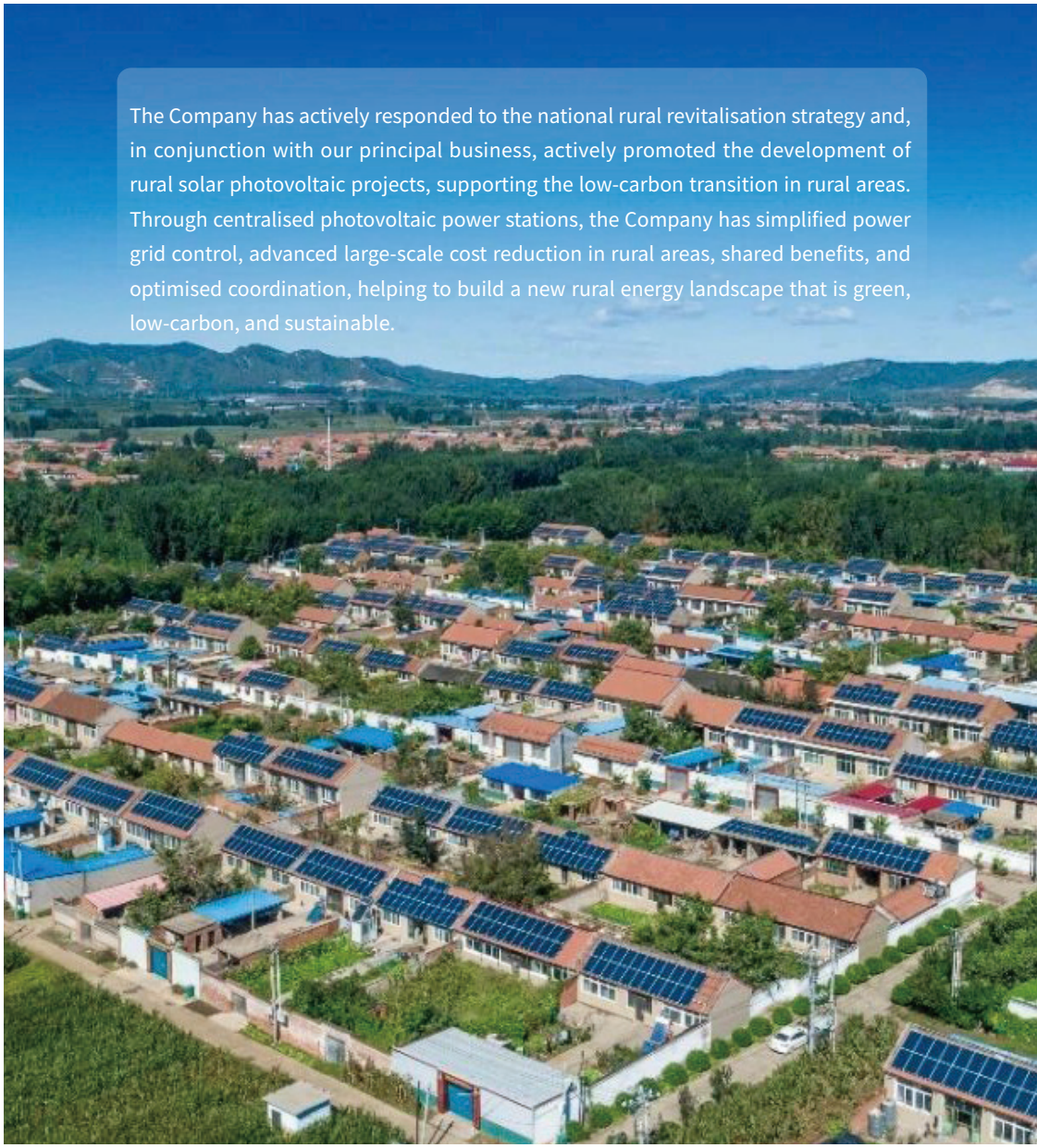
特此说明！

河北省玉田县第一中学

2025年3月25日

（ ）收 据 № 0032201

Supporting the Development of Secondary School Sports Teams


The Company has actively responded to the national rural revitalisation strategy and, in conjunction with our principal business, actively promoted the development of rural solar photovoltaic projects, supporting the low-carbon transition in rural areas. Through centralised photovoltaic power stations, the Company has simplified power grid control, advanced large-scale cost reduction in rural areas, shared benefits, and optimised coordination, helping to build a new rural energy landscape that is green, low-carbon, and sustainable.

Haitai Solar's Centralised PV Projects Boosting Rural Revitalisation

Appendices

2025 Key Performance Table

Environmental Performance			
Indicator Name		Unit	Data of 2025
GHG Emissions	Direct (Scope 1) GHG emissions	Tons of CO_2 equivalent (tCO_2e)	363.79
	Indirect (Scope 2) GHG emissions	Tons of CO_2 equivalent (tCO_2e)	35,932.41
	Total GHG emissions (Scope 1 and 2)	Tons of CO_2 equivalent (tCO_2e)	36,296.20
	Total GHG emissions per RMB1 million revenue (Scope 1 and 2)	tCO_2e/RMB1 million revenue	21.87
Waste Disposal	Total hazardous waste discharged	tonnes	0.61
	Total hazardous waste discharged per RMB1 million revenue	Tonnes/RMB1 million	0.04
Energy Utilisation	Total electricity consumption	10,000 kWh	6,319.33
	Natural gas consumption	10,000 m^3	0.03
	Gasoline	L	131,199.05
	Diesel oil	L	18,940.48
	Liquefied petroleum gas (LPG)	tonnes	2.15
	Solar/photovoltaic power generation	10,000 kWh	416.62
	Purchased electricity	10,000 kWh	5,902.71
	Total energy consumption	tce	7,938.47

Environmental Performance			
Indicator Name		Unit	Data of 2025
Energy Utilisation	Total energy consumption per RMB1 million revenue	tce/RMB1 million revenue	4.78
Water Resource Utilisation	Freshwater consumption	tonnes	180,194
	Total water consumption	tonnes	214,710
	Volume of water recycled and used	tonnes	34,516
	Percentage of water recycled and reused	-	19.15%
Wastewater Discharge	Total wastewater discharge	tonnes	134,694
	Wastewater discharged per RMB1 million revenue	tonnes/RMB1 million revenue	81.17

Social Performance			
Indicator Name		Unit	Data of 2025
Innovation and R&D	Amount of R&D investment	RMB10,000	9,580.73
	Proportion of R&D investment to operating revenue	-	5.8%
	Number of R&D personnel	person (s)	109
	Percentage of researchers in total workforce	-	9.92%
	Number of new patent applications in 2025	/	51

Social Performance			
Indicator Name		Unit	Data of 2025
Innovation and R&D	—New invention patent applications	/	8
	—New utility model patent applications	/	43
	Number of new patent grants in 2025	/	70
	—New invention patent authorisations	/	11
	—New utility model patent authorisations	/	59
	Total number of valid patents	/	286
	Number of valid patents per RMB1 million of revenue	cases/RMB1 million of revenue	0.17
	Number of software copyrights	/	9
	Number of software copyrights per RMB1 million of revenue	cases/RMB1 million of revenue	0.01
R&D Personnel by Education	Master's degree	person (s)	5
	Bachelor degree	person (s)	50
	Associate degree and below	person (s)	54
Customer Service	Number of customer complaints	/	41
	Number of customer complaints per RMB1 million revenue	time (s)/RMB1 million revenue	0.02
	Customer complaint handling rate	-	100%
	Customer complaint resolution rate	-	100%

Social Performance				
Indicator Name			Unit	Data of 2025
Product Quality	Number of product recalls		/	0
	Product recall ratio		-	0%
	Product quality compliance rate		-	99.61%
Employment	Number of employees		person (s)	1,099
	Number of local employees		person (s)	749
	Percentage of local employees		-	68.15%
	Number of demobilised veterans		person (s)	8
	Proportion of demobilised veterans		-	0.73%
	New hires	Number of employees hired during the reporting period	person (s)	117
		Of which: New graduates	person (s)	13
	Number of employees by gender	Male	person (s)	775
		Female	person (s)	324
		Proportion of female employees	-	29.48%
Employment	Number of employees by age	Aged under 30	person (s)	302
		Aged 30-50	person (s)	700
		Aged 50 and above	person (s)	97

Social Performance				
Indicator Name			Unit	Data of 2025
Employment	Number of employees by educational background	Associate degree and below	person (s)	756
		Bachelor's degree	person (s)	306
		Master's degree /MBA or above	person (s)	37
	Number of employees by level	Senior manager	person (s)	25
		Middle manager	person (s)	84
		Grassroots employee	person (s)	990
Employee Diversity	Number of female employees in middle and senior management		person (s)	7
	Percentage of female employees in middle management		-	6.42%
	Number of minority employees		person (s)	87
	Proportion of minority employees		-	7.88%
	Number of employees with disabilities		person (s)	20
	Percentage of employees with disabilities		-	1.82%
Employee Training	Total employee training expenditure		RMB	297,691.80
	Total person-times of employee training		person-time (s)	2,058
	Total duration of employee training		hour (s)	66,312
	Average training duration per employee		hour/person	108
	Training coverage rate of employees		-	100%

Social Performance				
Indicator Name			Unit	Data of 2025
Employee Rights and Interests	Labour contract signing rate		-	100%
	Social insurance coverage		-	100%
	Return-to-work rate after parental leave		-	100%
	Total number of employee discrimination incidents		/	0
	Confirmed cases of discrimination		case (s)	0
Occupational Health and Safety	Total person-times of safety training		person-time (s)	667
	Occupational health check-up coverage rate		-	100%
	Number of occupational disease cases		person (s)	0
	Occurrence of occupational disease		-	0%
	Major work safety accidents for the year		case (s)	0
	Number of work-related injuries		person (s)	5
	Work-related injury rate		-	0.45%
	Number of deaths due to work-related causes		person (s)	0
	Number of work-related fatalities per RMB100 million revenue		Person/RMB100 million	0
Supplier Management	Total suppliers		/	108
	By geographical region	China (including Hong Kong, Macao, and Taiwan)	/	108
		Number of overseas suppliers	/	0

Social Performance				
Indicator Name			Unit	Data of 2025
Supplier Management	Supplier integrity commitment letter	Total number of supplier integrity commitment letter signed	/	108
		Signing rate of supplier integrity commitment letter	-	100%
Supplier Management	Supplier assessment coverage rate		-	100%
	Qualified supplier assessment rate		-	100%
	Supplier coverage rate of terms under the *Corporate Social Responsibility Agreement*		-	100%
	Number of suppliers certified by quality management system		/	99
	Proportion of suppliers certified under the quality management system		-	91.67%
	Number of suppliers certified by environmental management system		/	99
	Proportion of suppliers certified under the environmental management system		-	91.67%
	Number of suppliers certified under the occupational health and safety management system		/	99
	Proportion of suppliers certified under the occupational health and safety management system		-	91.67%
Information Security Management	Total duration of information security training conducted		hour (s)	12
	Total person-times of information security training participation		person-time (s)	13
	Number of confirmed cybersecurity incidents		case (s)	0
	Number of confirmed data breach incidents		case (s)	0
Intellectual Property Protection	Number of intellectual property training sessions		/	3
	Intellectual property training duration		hour (s)	45
	Number of person-times of intellectual property training received		person-time (s)	45

Governance Performance				
Indicator Name			Unit	Data of 2025
Composition of the Board of Directors	Members of the Board of Directors		person (s)	8
	Independent director	Number of independent directors	person (s)	3
		Proportion of independent directors	-	37.50%
	By educational background	Master	person (s)	4
		Bachelor's degree and below	person (s)	4
	By gender	Male	person (s)	6
		Female	person (s)	2
		Proportion of female directors	-	25%
	By age	Aged under 40	person (s)	1
		Aged 40 to 49	person (s)	3
		Aged 50 to 59	person (s)	4
	Proportion of female senior management		-	25%
Corporate Governance	Number of Board of Directors meetings		/	7
	Number of Audit Committee meetings		/	5
	Average Board attendance rate		-	100%
	Number of directors with a Board meeting attendance rate below 75%		person (s)	0

Governance Performance			
Indicator Name		Unit	Data of 2025
Corporate Governance	Number of shareholders' meetings	/	4
	Number of proposals approved by the Board of Directors	/	42
	Number of proposals approved by the Shareholders' Meeting	/	23
Compliant Operations	Number of violations of environmental laws and regulations	/	0
	Number of violations of antitrust and unfair competition laws	/	0
Interests of Investors	Periodic reports disclosed	/	4
	Ad hoc reports disclosed	/	95
Business Ethics	Proportion of employees who signed the *Letter of Commitment for Integrity in Practice*	-	100%
	Number of suppliers who signed the *Anti-Commercial Bribery Commitment Letter*	/	108
	Percentage of suppliers who signed the *Anti-Commercial Bribery Commitment*	-	100%
	Number of corruption incidents	/	0
	Total number of anti-corruption training sessions	/	13
	Total number of person-times for anti-corruption training	person-time (s)	195

Indicator Index Table

Benchmarking Index Table of *Guidelines No. 11 of Beijing Stock Exchange for the Ongoing Supervision of Listed Companies —Sustainability Report (Trial)*

Corresponding Dimension	No.	Topic	Corresponding Articles	Corresponding Section(s) in the Report
Environmental	1	Climate Change Tackling	Articles 21 to 28	Climate Change Tackling
	2	Pollutant Discharge	Article 30	Pollutant Discharge
	3	Waste Disposal	Article 31	Waste Disposal
	4	Ecosystem and Biodiversity	Article 33	The Company's production and operational sites are not located within wildlife protection areas, natural habitats, or other ecological conservation zones. Its products do not involve impacts on ecosystems, species, habitats, or genetic resources; therefore, this topic has not been disclosed.
	5	Environmental Compliance Management	Article 33	Environmental Compliance Management
	6	Energy Utilisation	Article 35	Energy and Water Resource Utilisation
	7	Water Resource Utilisation	Article 36	Energy and Water Resource Utilisation
	8	Circular Economy	Article 37	Circular Economy
社会	9	Rural Revitalisation	Article 39	Contributions to the Society and Rural Revitalisation
	10	Contributions to the Society	Article 40	Contributions to the Society and Rural Revitalisation
	11	Innovation-Driven	Article 42	Innovation-Driven
	12	Ethics of Science and Technology	Article 43	The relevant industry topic corresponds to ethically sensitive fields such as life sciences and artificial intelligence. As the Company's current operations do not involve this topic, it has not been disclosed.

Corresponding Dimension	No.	Topic	Corresponding Articles	Corresponding Section(s) in the Report
Social	13	Supply Chain Security	Article 45	Supply Chain Security
	14	Equal Treatment to SMEs	Article 46	The applicable entities for this topic are enterprises with accounts payable (including notes payable) balances exceeding RMB30 billion or a proportion exceeding 50% of total assets at the end of the reporting period, as well as enterprises that have disclosed overdue payment information for SMEs through the National Enterprise Credit Information Publicity System. At the end of the reporting period, the Company's accounts payable balance does not meet the above conditions, nor are there overdue payments to SMEs; therefore, content related to this topic has not been disclosed.
	15	Safety and Quality of Products and Services	Article 47	Safety and Quality of Products and Services
	16	Data Security and Customer Privacy Protection	Article 48	Data Security and Customer Privacy Protection
	17	Employee	Article 50	Employee Rights and Interests Occupational Health and Work Safety Career Development and Training
Sustainability-related Governance	18	Due Diligence	Article 52	Communications with Stakeholders and Due Diligence
	19	Communications with Stakeholders	Article 53	Communications with Stakeholders and Due Diligence
	20	Anti-Commercial Bribery and Anti-Corruption	Article 55	Anti-Commercial Bribery and Anti-Corruption
	21	Anti-Unfair Competition	Article 56	Anti-Unfair Competition

Feedback Form

Dear readers:

Greetings! Thank you for taking the time out of your busy schedule to read the report.

To facilitate communication and exchange through this report, and effectively advance Haitai Solar's ESG management and practices, we sincerely invite you to complete the feedback form to help us continuously improve the report.

Tangshan Haitai New Energy Technology Co., Ltd.

Address	Yutai Industrial Zone, Yutian County, Tangshan City, Hebei Province	Email	liushichao@htsolargroup.com
Tel	0315-5051825	Official website	www.haitai-solar.cn

Your information

Name: Post:

Industry: Email address:

1. What is your overall evaluation of Haitai Solar's ESG report?

☐ Very good ☐ Good ☐ General ☐ Poor ☐ Very poor

2. How do you think the report has performed in reflecting Haitai Solar's significant impacts on environment, the society, and corporate governance?

☐ Very good ☐ Good ☐ General ☐ Poor ☐ Very poor

3. How do you think Haitai Solar has performed in communications with stakeholders?

☐ Very good ☐ Good ☐ General ☐ Poor ☐ Very poor

4. How do you think the report has performed in terms of the authenticity, accuracy, and effectiveness of its information and data disclosure?

☐ Very good ☐ Good ☐ General ☐ Poor ☐ Very poor

5. How do you assess the overall framework, content design, and readability of the report in terms of format?

☐ Very good ☐ Good ☐ General ☐ Poor ☐ Very poor

Open-ended Questions:

Which part of the report are you most interested in?

Which ESG information in this report do you find most useful?

What opinions or suggestions do you have regarding Haitai Solar's future publication of ESG reports?


海泰新能
Haitai Solar